

# ENGINEERING COMPONENTS

EDITION 20.1 | EN

FLOOR ELEMENTS	1
HINGES	2
T-NUTS & T-BOLTS	3
CONNECTING SYSTEMS	4
HANDLES & LATCHES	5
COMPONENTS WORK STATION	6
SLIDERS AND ROLLERS	7
CONVEYORS	8
ENCLOSURES, GUARDS AND PARTITIONS	9
PANEL FASTENERS	10
COVER ELEMENTS	11
CABLE MANAGEMENT	12
MISCELLANEOUS COMPONENTS	13
TUBULAR FRAME COMPONENTS	14

# WELCOME TO THE FATH ECOSYSTEM

## FATH+ Partnerships: Expanding to the ecosystem



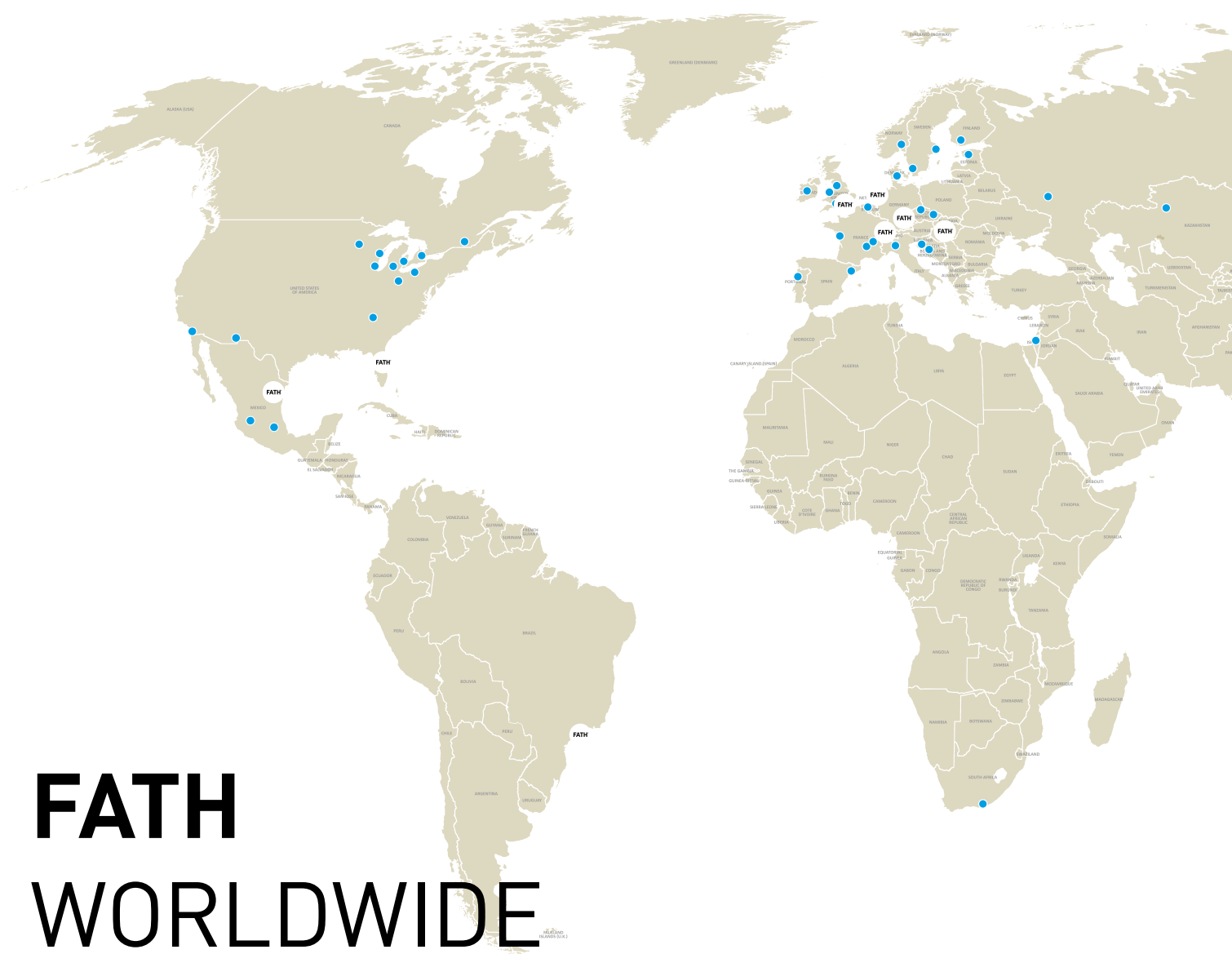
The specialists in optomechanics and aerospace engineering utilize their expertise in development and precision manufacturing to create new complex mechatronic product systems.



## FATH Links: Expertise straight from the source



Advancements in innovative solutions for smooth automated logistics are being made in cooperation with the experts for the development and production of intelligent automated guided vehicle systems (AGVs).



# FATH WORLDWIDE

ort

The innovative sorting system Flowsort covers a wide range of applications with just a few standard modules – SLD, DLD, ZZ. Users have the flexibility to configure their own sorting system according to their specific needs and easily scale it as required.

ROLLER

The specialist for motorized drive rollers and controls offers innovative drive controllers for motor-driven roller conveyors and systems. The Pulse Diverter Unit (PDU90) enables a 90° transfer.



## Our Competencies

**FATH** has a wide range of competencies and abilities. In our ecosystem, we combine different specialist knowledge and a great deal of innovative spirit. We use this concentrated force to design and implement **SOLUTIONS FOR INDUSTRIAL ECOSYSTEMS** for you – solutions that increase your productivity.

**We have a comprehensive machine park at our location in Spalt consisting of:**

- Plastic injection molding
- Plastic extrusion
- Aluminium profile processing
- Turning
- Milling
- Zinc and aluminium die casting

**Supplement by the technical know-how of subsidiary CEMEC (high precision, aerospace technology):**

- Support in optimizing components design
- Strength simulation
- Flow simulation





TIP

Open the double page at the end for  
ALUMINIUM PROFILES GEOMETRY

## Always well advised.

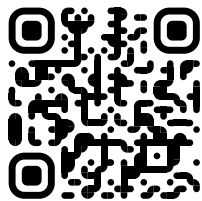
At **FATH**, the **focus is on people**. We rely on holistic solutions that follow our guiding principle. **ENRICH YOUR WORKING LIFE.**

Everything we offer you should work together effectively: Individual products, system solutions and service! You decide when and in what form you want to use our services – digitally or in person. The **FATH** experts provide you with individual support tailored to your applications so you can quickly find the ideal solution for your requirements.

# FATH SERVICE

## FATH Contact Person:

Some questions are best addressed through conversation or email. Our Parts & Solutions Consultants provide personalized guidance, drawing on their practical experience and expertise.

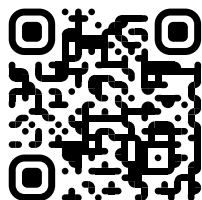


You can find your dedicated contact person who can offer tailored support at:

[fath24.com/your-contact-persons](https://fath24.com/your-contact-persons)

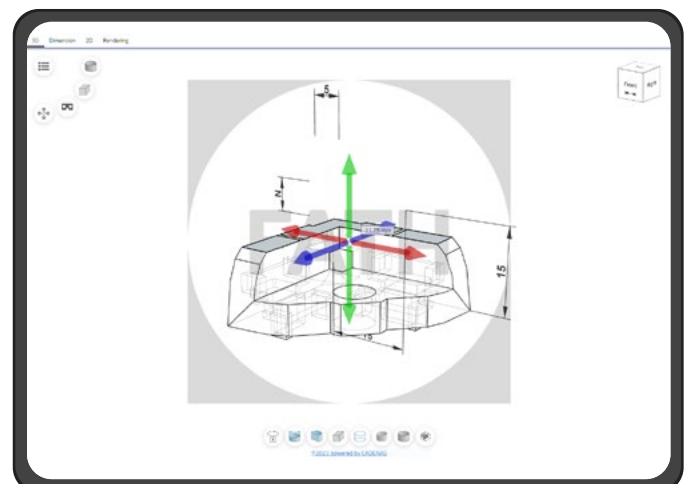
## FATH Website:

You can find more information on **FATH** products very easily using the product search on our website.



Find out about **FATH** products or download 3D data here:

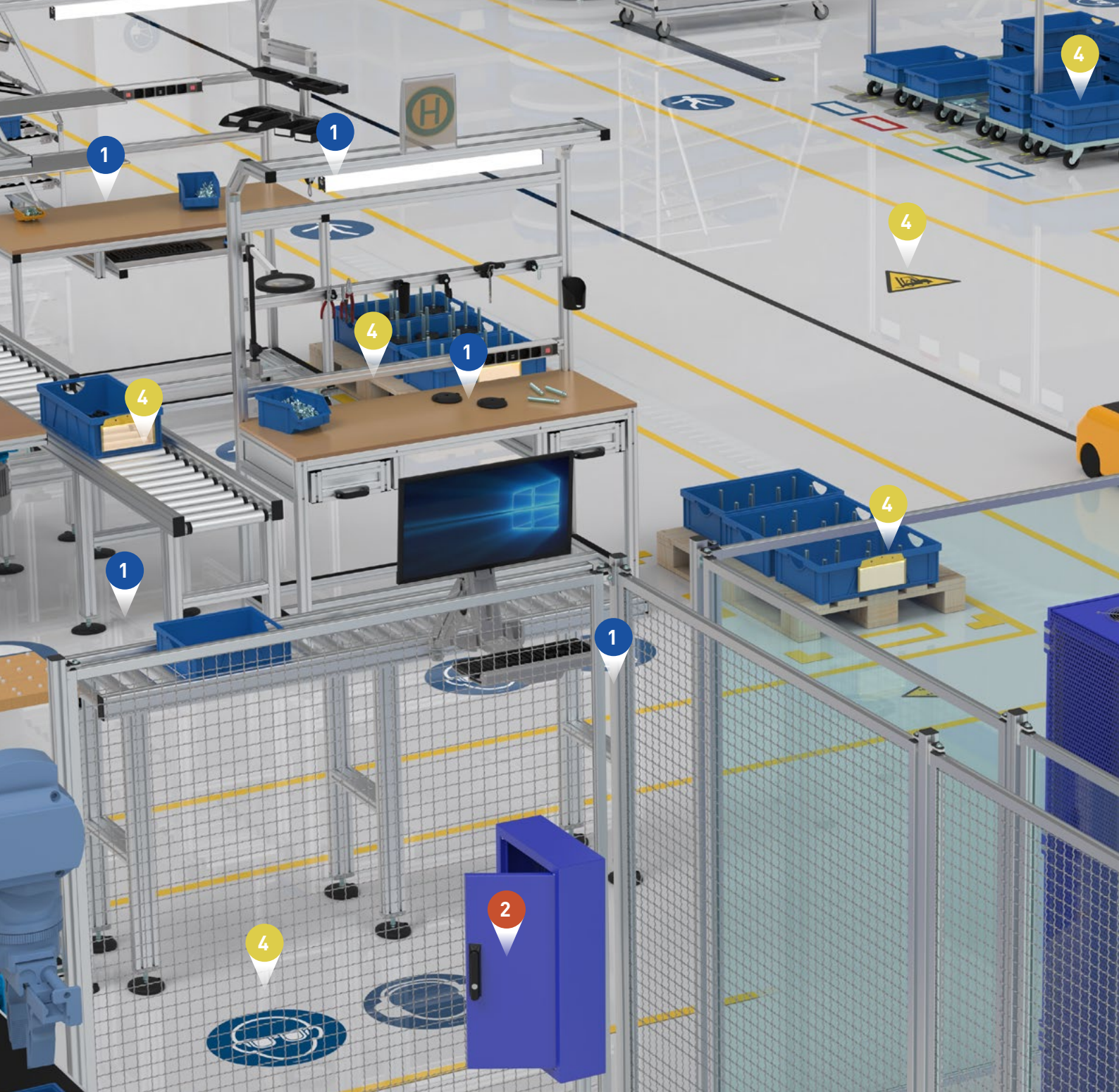
[fath24.com/portfolio/products](https://fath24.com/portfolio/products)



**FATH**

Edition 20.1 | English

# **Engineering Components**

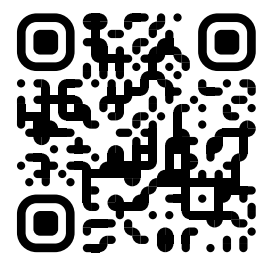


# SOLUTIONS FOR INDUSTRIAL ECOSYSTEMS

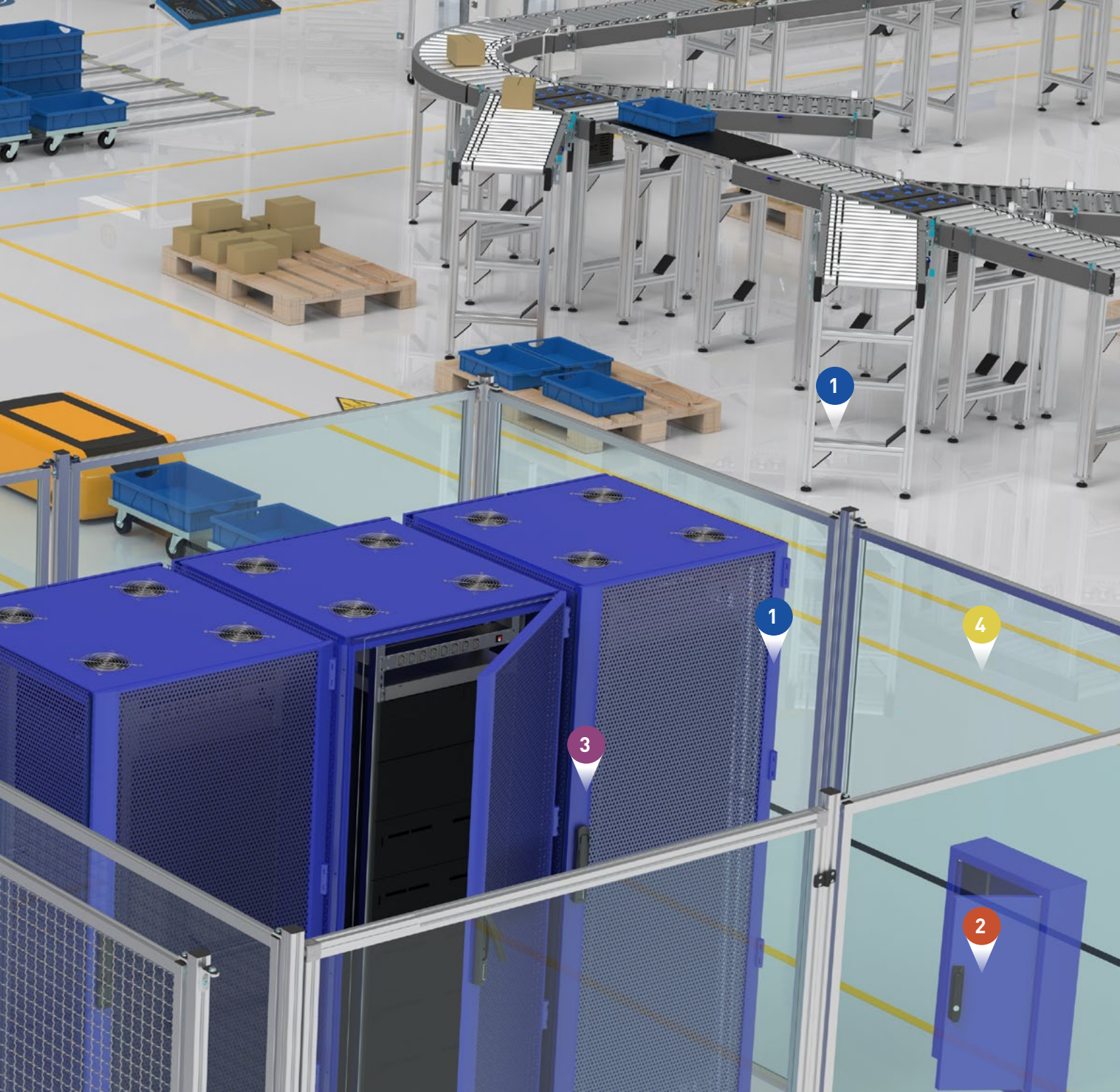
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## ENGINEERING COMPONENTS

- Floor Elements, Cover Elements
- Hinges, T-Nuts and T-Bolts
- Connecting Systems
- Handles & Latches
- Components Work Station
- Tubular Frame Components
- Conveyors
- Enclosures, Guards and Partitions
- Panel Fasteners
- Cable Management



[ecosystem.fath24.com](https://ecosystem.fath24.com)



2

## INDUSTRIAL HARDWARE

- Components for Server and Switch Cabinet Construction
- Latches
- Hinges
- Seals

3

## MECHATRONICS

- Modular Access Control System: PIN, RFID, touch screen, palm vein scan, fingerprint and remote
- Physical Security for IT infrastructure
- Sensors

4















## SHOPFLOOR & INTRALOGISTICS

- Components for Visual Management
- Material Transport & Supply
- Flowsort® Intralogistics Automation

## TABLE OF CONTENTS





	<b>FLOOR ELEMENTS</b>	<b>1</b>
	<b>HINGES</b>	<b>2</b>
	<b>T-NUTS &amp; T-BOLTS</b>	<b>3</b>
	<b>CONNECTING SYSTEMS</b>	<b>4</b>
	<b>HANDLES &amp; LATCHES</b>	<b>5</b>
	<b>COMPONENTS WORK STATION</b>	<b>6</b>
	<b>SLIDERS AND ROLLERS</b>	<b>7</b>
	<b>CONVEYORS</b>	<b>8</b>
	<b>ENCLOSURES, GUARDS AND PARTITIONS</b>	<b>9</b>
	<b>PANEL FASTENERS</b>	<b>10</b>
	<b>COVER ELEMENTS</b>	<b>11</b>
	<b>CABLE MANAGEMENT</b>	<b>12</b>
	<b>MISCELLANEOUS COMPONENTS</b>	<b>13</b>
	<b>TUBULAR FRAME COMPONENTS</b>	<b>14</b>



**FLOOR ELEMENTS**

**1**

2

3

4

5

6

7

8

9

10


















11





































12


































13



























14

## FLOOR ELEMENTS

	BASE PA FOR SWIVEL FEET, BALL JOINT 10	13		THREADED ROD ST METRIC FOR SWIVEL FEET, BALL JOINT 15	31
	THREADED ROD FOR SWIVEL FEET, BALL JOINT 10	14		THREADED ROD SS METRIC FOR SWIVEL FEET, BALL JOINT 15	33
	ANTI-SLIP PLATE FOR SWIVEL FEET, BALL JOINT 10	15		THREADED ROD ST UNC FOR SWIVEL FEET, BALL JOINT 15	35
	BASE PA FOR SWIVEL FEET, BALL JOINT 15, BLACK	16		THREADED ROD SS UNC FOR SWIVEL FEET, BALL JOINT 15	36
	BASE PA FOR SWIVEL FEET, BALL JOINT 15, GRAY	17		BALL JOINT WITH FEMALE THREAD FOR SWIVEL FEET, BALL JOINT 15	37
	BASE PA BDH FOR SWIVEL FEET, BALL JOINT 15, BLACK	18		ANTI-SLIP PLATE FOR SWIVEL FEET, BALL JOINT 15	38
	BASE PA BDH FOR SWIVEL FEET, BALL JOINT 15, GRAY	19		ANTI-SLIP PLATE FOR EXTENDED SWIVEL FEET 60 PA, BALL JOINT 15	39
	BASE ZN FOR SWIVEL FEET, BALL JOINT 15	20		BASE PA FOR SWIVEL FEET, BALL JOINT 22	40
	BASE ZN BDH FOR SWIVEL FEET, BALL JOINT 15	21		BASE PA BDH FOR SWIVEL FEET, BALL JOINT 22	41
	BASE SS FOR SWIVEL FEET, BALL JOINT 15	22		BASE PA BDH FOR HEAVY-DUTY SWIVEL FEET, BALL JOINT 22	42
	BASE SS BDH FOR SWIVEL FEET, BALL JOINT 15	23		THREADED ROD ST FOR SWIVEL FEET, BALL JOINT 22	43
	BASE FOR SEALED SWIVEL FEET, BALL JOINT 15	24		THREADED ROD SS FOR SWIVEL FEET, BALL JOINT 22	44
	EXTENDED BASE 40 PA FOR SWIVEL FEET, BALL JOINT 15	25		ANTI-SLIP PLATE FOR SWIVEL FEET, BALL JOINT 22	45
	EXTENDED BASE 60 PA FOR SWIVEL FEET, BALL JOINT 15	26		ANTI-SLIP PLATE FOR HEAVY-DUTY SWIVEL FEET, BALL JOINT 22	46
	EXTENDED BASE 80 PA FOR SWIVEL FEET, BALL JOINT 15	27		BASE PA FOR PIVOT FEET	47
	EXTENDED BASE 80 ZN FOR SWIVEL FEET, BALL JOINT 15	28		BASE PA BDH FOR PIVOT FEET	48
	TRAPEZOID BASE FOR SWIVEL FEET BALL JOINT 15	29		BASE ZN FOR PIVOT FEET	49
	FLOOR MOUNTING FOR BASE OF TRAPEZOID FOOT	30		BASE ZN BDH FOR PIVOT FEET	50

	BASE SS FOR PIVOT FEET	51		ANTI-SLIP PLATE FOR ECO FEET	69
	BASE SS BDH FOR PIVOT FEET	52		BASE PA FOR HEAVY-DUTY FIXED FEET	70
	TRAPEZOID BASE FOR PIVOT FEET, BLACK	53		THREADED ROD ST FOR HEAVY-DUTY FIXED FEET	71
	TRAPEZOID BASE FOR PIVOT FEET, GRAY	54		ANTI-SLIP PLATE FOR HEAVY-DUTY FIXED FEET	72
	EXTENDED BASE 80 ZN FOR PIVOT FEET	55		BASE FOR DUCK FEET M16	73
	BASE PA BDH FOR HEAVY-DUTY PIVOT FEET	56		BASE FOR DUCK FEET M20	74
	FLOOR MOUNTING FOR BASE OF TRAPEZOID FOOT	57		DUCK FOOT WITH THREADED ROD ST	75
	THREADED ROD ST METRIC FOR PIVOT FEET	58		NUT DIN 439 FOR THREADED RODS	76
	THREADED ROD SS METRIC FOR PIVOT FEET	59		NUT DIN 934 FOR THREADED RODS	77
	ANTI-SLIP PLATE FOR PIVOT FEET	60		ADJUSTABLE LEVELING FOOT	78
	ANTI-SLIP PLATE FOR HEAVY-DUTY PIVOT FEET	61		T-SLOT FOOT	79
	BELL FEET	62		THREADED BUSH FOR SQUARE TUBES 30 X 30	80
	ANTI-SLIP PLATE FOR BELL FEET	63		THREADED BUSH FOR SQUARE TUBES 40 X 40	81
	BASE PA FOR ECO FEET	64		THREADED BUSH FOR SQUARE TUBES 50 X 50	82
	BASE ZN FOR ECO FEET	65		THREADED BUSH FOR SQUARE TUBES 60 X 60	83
	BASE SS FOR ECO FEET	66		THREADED BUSH FOR ROUND TUBES 30	84
	THREADED ROD ST FOR ECO-FEET	67		THREADED BUSH FOR ROUND TUBES 38	85
	THREADED ROD SS FOR ECO-FEET	68		THREADED BUSH FOR ROUND TUBES 42.4	86

	THREADED BUSH FOR ROUND TUBES 48.3	87		TRANSPORT AND BASE PLATE ZN 45 X 90, POWDER COATED	107
	THREADED BUSH FOR ROUND TUBES 50.9	88		TRANSPORT AND BASE PLATE ZN 90 X 90, PLAIN	108
	THREADED SLEEVE	89		TRANSPORT AND BASE PLATE ZN 90 X 90, POWDER COATED	109
	TRANSPORT AND BASE PLATE AL 40 X 80	90		TRANSPORT AND BASE PLATE ZN 50 X 100, PLAIN	110
	TRANSPORT AND BASE PLATE AL 80 X 80	91		TRANSPORT AND BASE PLATE ZN 50 X 100, POWDER COATED	111
	TRANSPORT AND BASE PLATE ZN 20 X 40, PLAIN	92		TRANSPORT AND BASE PLATE ZN 100 X 100, POWDER COATED	113
	TRANSPORT AND BASE PLATE ZN 20 X 40, POWDER COATED	93		LEVELING FOOT BRACKET 80/90 X 100	114
	TRANSPORT AND BASE PLATE ZN 40 X 40, POWDER COATED	94		BRACING PLATE 90°	115
	TRANSPORT AND BASE PLATE ZN 30 X 60, PLAIN	95		FLOOR BRACKET AL 140, 1 SLOT VERSION	116
	TRANSPORT AND BASE PLATE ZN 30 X 60, POWDER COATED	96		FLOOR BRACKET AL 140, 2 SLOTS VERSION	117
	TRANSPORT AND BASE PLATE ZN 60 X 60, PLAIN	97		FLOOR BRACKET AL 30	118
	TRANSPORT AND BASE PLATE ZN 60 X 60, POWDER COATED	98		FLOOR BRACKET AL 45	119
	TRANSPORT AND BASE PLATE I ZN 40 X 40, SIDE M10, POWDER COATED	99		FLOOR BRACKET ZN 120	120
	TRANSPORT AND BASE PLATE ZN 40 X 80, PLAIN	100		FLOOR BRACKET ZN 120, ADJUSTABLE (SET)	121
	TRANSPORT AND BASE PLATE ZN 40 X 80, POWDER COATED	101		FLOOR BRACKET ZN 160	122
	TRANSPORT AND BASE PLATE ZN 80 X 80, PLAIN	103		FLOOR BRACKET ZN 160, ADJUSTABLE (SET)	123
	TRANSPORT AND BASE PLATE ZN 80 X 80, POWDER COATED	104		FLOOR BRACKET ST 200	124
	TRANSPORT AND BASE PLATE ZN 45 X 90, PLAIN	106		FLOOR BRACKET ST 160	125

	FLOOR MOUNT BASE	126		FIXED CASTER Ø 80 / 100 / 125 WITH MOUNTING PLATE 40 / 45	148
	DOUBLE T-SLOT NUT FOR FLOOR MOUNT BASE	127		HEAVY-DUTY FIXED CASTER Ø 200 WITH MOUNTING PLATE 40 / 45	149
	FOOT CONSOLE 45 / 60 - 120	128		SWIVEL CASTER ARM I 40 X 80 (SET)	150
	FOOT CONSOLE 45 / 90 - 150	129		SWIVEL CASTER WITH LIFTING FOOT	153
	FOOT CONSOLE ST 40 / 45 - 110	130		FIXED CASTER WITH LIFTING FOOT	155
	PROFILE MOUNT BASE 40 - 85 X 128	131		LEVELING CASTER WITH BOLT HOLE THREAD (SET)	159
	PROFILE MOUNT BASE 80 - 85 X 168	132		LEVELING CASTER WITH MOUNTING PLATE 40 / 45	160
	FOOT PLATE 45 / 60 / 90 - 135	133		HYDRAULIC LIFT CASTER (SET)	163
	SWIVEL CASTER Ø 75	136		ELECTRIC LIFT CASTER	164
	SWIVEL CASTER Ø 75 WITH SYSTEM BRAKE	137			
	SWIVEL CASTER Ø 80 / 100 / 125	138			
	SWIVEL CASTER Ø 80 / 100 / 125 WITH SYSTEM BRAKE	139			
	SWIVEL CASTER Ø 80 / 100 / 125 WITH MOUNTING PLATE 40 / 45	141			
	SWIVEL CASTER Ø 80 / 100 / 125 WITH SYSTEM BRAKE AND MOUNTING PLATE 40 / 45	142			
	HEAVY-DUTY SWIVEL CASTER Ø 200 WITH MOUNTING PLATE 40 / 45	143			
	HEAVY-DUTY SWIVEL CASTER Ø 200 WITH SYSTEM BRAKE AND MOUNTING PLATE 40 / 45	144			
	FIXED CASTER Ø 75	145			
	FIXED CASTER Ø 80 / 100 / 125	146			

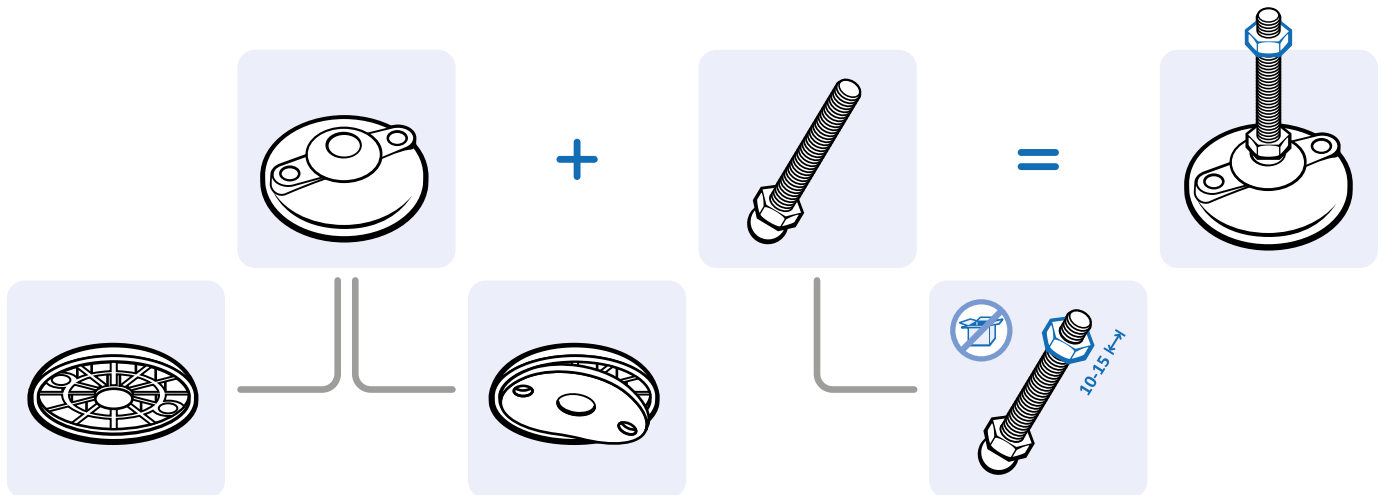
## LEVELING FEET – THE MODULAR SYSTEM

FATH leveling feet can be found on many installations and machines around the world as they are not only of high quality, but also offer great flexibility: Thanks to our modular system, more than 20,000 variations are at your disposal.

### Your made-to-measure leveling foot

Creating your own leveling foot is easy: choose a base, decide whether you want an anti-slip plate or not, add a threaded rod and your made-to-measure leveling foot is ready.

With pleasure we deliver your made-to-measure leveling feet fully assembled.



### Load Bearing Tests

FATH levelling feet, hinges and threaded bushes were tested for mechanical load.

The following test procedures were applied:

#### Levelling Feet

Vertical load of the threaded rod over an industry standard nut. After an initial load of approx. 1,500N, the vertical load (perpendicular) was increased slowly and steadily to the load that made the complete unit cave in approx.  $1.5 \pm 0.5$ mm. The tests were performed on 3 samples each. The bases were put on steel plates. No horizontal force was induced.

#### Threaded Bushes

Vertical load of the threaded bush and the threaded insert until breaking. The tests were performed on 3 samples each.

Please note that influences from dynamic loads, temperatures, modifications etc. were not taken into account in the above mentioned tests. These influences should be taken into account in the practical application of the products and therefore one should take the load bearing capacities indicated in the catalog as a guideline only and own tests under practical application conditions should not be eliminated.

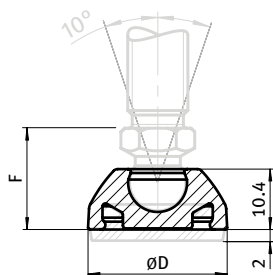
**All information is just for reference and does not pose a legally binding agreement about the product properties.**



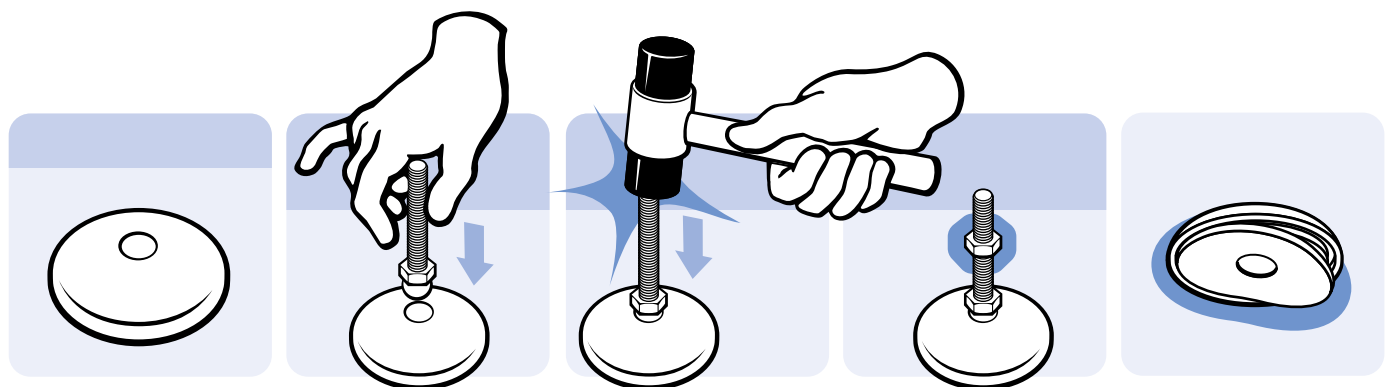
**BASE PA FOR SWIVEL FEET, BALL JOINT 10**

<b>MODEL</b>	Plastic PA, without bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot for strong positioning on uneven floors
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098MM05020M et sq., Compatible Nut see 4DIN439BM5M et sq. und 4DIN934M5M et sq., Compatible Anti-Slip Plate see 098MG020 et sq.

1



Version	Base D [mm]	Max. Load [kg]	F [mm]	Weight [g]	Part #	
without anti-slip plate	20	19	100	17.5	2.0	<a href="#">098M020K</a>
	25	24	200	17.5	3.0	<a href="#">098M025K</a>
	30	29	350	17.5	4.5	<a href="#">098M030K</a>
	40	39	500	17.5	8.0	<a href="#">098M040K</a>
with Anti-slip plate	20	19	100	17.5	3.0	<a href="#">098M020KG</a>
	25	24	200	17.5	4.5	<a href="#">098M025KG</a>
	30	29	350	17.5	6.5	<a href="#">098M030KG</a>
	40	39	500	17.5	11.0	<a href="#">098M040KG</a>



**THREADED ROD FOR SWIVEL FEET, BALL JOINT 10**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	Threaded rod for swiveling levelling feet Ball joint 10
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>BALL JOINT</b>	Swiveling range $\pm 10^\circ$
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Stainless steel, other lengths and other sizes on request

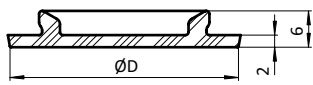


Material	M x L [mm]	SW [mm]	Max. Load [kg]	Weight [g]	Part #
Steel	M5 x 20	10	50	10.0	<a href="#">098MM05020M</a>
	M5 x 40	10	50	13.0	<a href="#">098MM05040M</a>
	M5 x 60	10	50	15.5	<a href="#">098MM05060M</a>
	M6 x 20	10	100	11.0	<a href="#">098MM06020M</a>
	M6 x 40	10	100	15.0	<a href="#">098MM06040M</a>
	M6 x 60	10	100	21.0	<a href="#">098MM06060M</a>
	M6 x 80	10	100	25.0	<a href="#">098MM06080M</a>
	M8 x 20	13	250	18.0	<a href="#">098MM08020M</a>
	M8 x 40	13	250	20.0	<a href="#">098MM08040M</a>
	M8 x 60	13	250	33.0	<a href="#">098MM08060M</a>
	M8 x 80	13	250	125.0	<a href="#">098MM08080M</a>
	M8 x 100	13	250	49.0	<a href="#">098MM08100M</a>
	M10 x 20	13	400	20.5	<a href="#">098MM10020M</a>
	M10 x 40	13	400	34.0	<a href="#">098MM10040M</a>
	M10 x 60	13	400	46.5	<a href="#">098MM10060M</a>
	M10 x 80	13	400	59.0	<a href="#">098MM10080M</a>
M10 x 100	13	400	71.0	<a href="#">098MM10100M</a>	

**ANTI-SLIP PLATE FOR SWIVEL FEET, BALL JOINT 10**

<b>MODEL</b>	For swivel feet, ball joint 10
<b>DESCRIPTION</b>	Prevents movement of leveling feet on slippery surfaces and absorbs some vibration
<b>MATERIAL</b>	Thermoplastic elastomer, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>SPECIFICATION</b>	Water and oil resistant (up to 60 °C)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging on request

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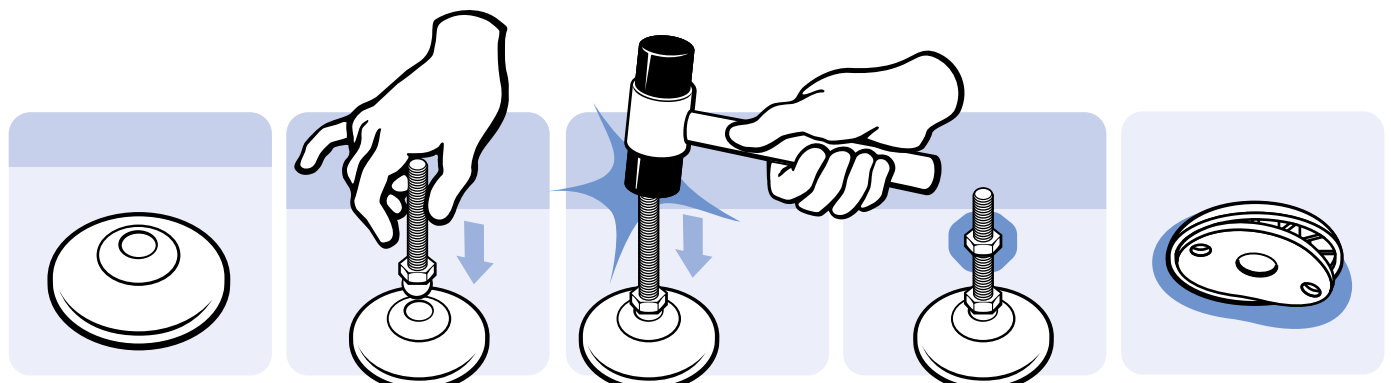
	for Base	D [mm]	Weight [g]	Part #
	20	18.5	1.0	<a href="#">098MG020</a>
	25	23.5	1.5	<a href="#">098MG025</a>
	30	28.5	2.0	<a href="#">098MG030</a>
	40	38.5	3.0	<a href="#">098MG040</a>

**BASE PA FOR SWIVEL FEET, BALL JOINT 15, BLACK**

<b>MODEL</b>	Plastic PA, without bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot for strong positioning on uneven floors
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, bolt-on or glued anti-slip plate on request; as factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq. and 098DM08025E et sq., Compatible Nut see 4DIN439BM5M et sq. and 4DIN934M5M et sq., Compatible Anti-Slip Plate see 098DG030 et sq.

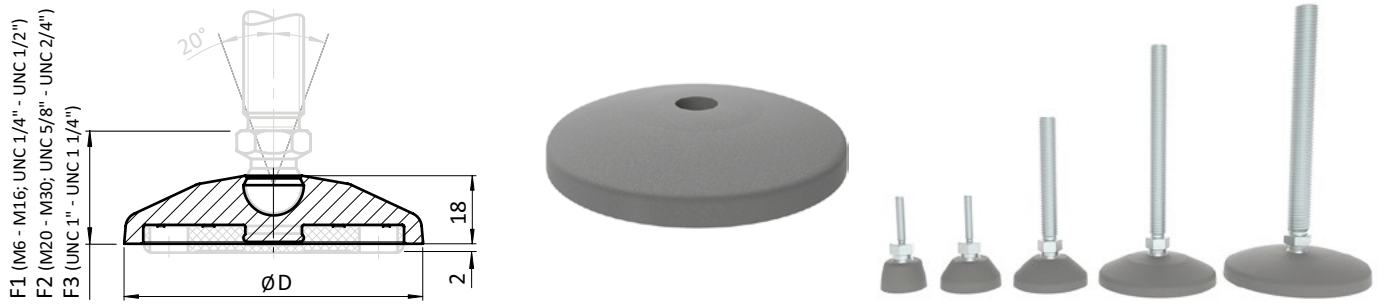


Version	Base	D [mm]	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	30	29	500	29.5	32.5	33.5	8.0	<a href="#">098D030K</a>
	40	39	900	29.5	32.5	33.5	13.0	<a href="#">098D040K</a>
	45	44	900	29.5	32.5	33.5	15.0	<a href="#">098D045K</a>
	50	49	900	29.5	32.5	33.5	16.0	<a href="#">098D050K</a>
	60	59	900	29.5	32.5	33.5	22.0	<a href="#">098D060K</a>
	80	79	900	29.5	32.5	33.5	44.0	<a href="#">098D080K</a>
	100	99	900	29.5	32.5	33.5	84.0	<a href="#">098D100K</a>
with Anti-slip plate	30	29	500	29.5	32.5	33.5	10.0	<a href="#">098D030KG</a>
	40	39	900	29.5	32.5	33.5	17.0	<a href="#">098D040KG</a>
	45	44	900	29.5	32.5	33.5	21.0	<a href="#">098D045KG</a>
	50	49	900	29.5	32.5	33.5	24.0	<a href="#">098D050KG</a>
	60	59	900	29.5	32.5	33.5	34.0	<a href="#">098D060KG</a>
	80	79	900	29.5	32.5	33.5	67.0	<a href="#">098D080KG</a>
	100	99	900	29.5	32.5	33.5	121.0	<a href="#">098D100KG</a>

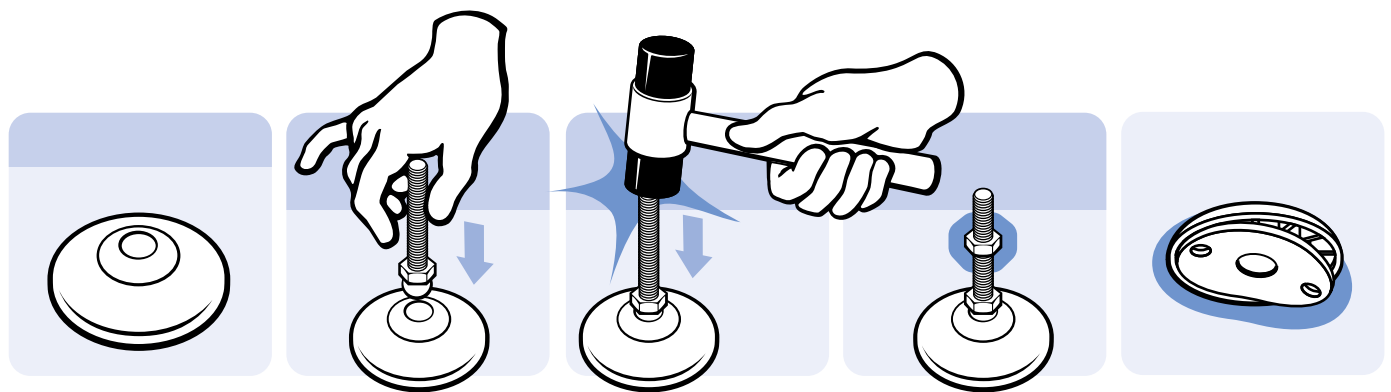


**BASE PA FOR SWIVEL FEET, BALL JOINT 15, GRAY**

<b>MODEL</b>	Plastic PA, without bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot for strong positioning on uneven floors
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq. and 098DM08025E et sq., Compatible Nut see 4DIN439BM5M et sq. and 4DIN934M5M et sq., Compatible Anti-Slip Plate see 098DG030 et sq.

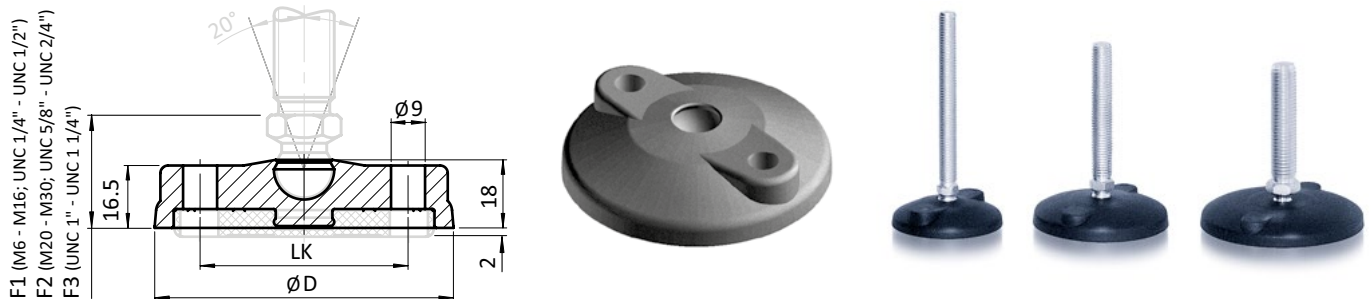


Version	Base	D [mm]	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	30	29	500	29.5	32.5	33.5	8.0	<a href="#">098D030KS04</a>
	40	39	900	29.5	32.5	33.5	13.0	<a href="#">098D040KS06</a>
	45	44	900	29.5	32.5	33.5	15.0	<a href="#">098D045KS03</a>
	50	49	900	29.5	32.5	33.5	16.0	<a href="#">098D050KS04</a>
	60	59	900	29.5	32.5	33.5	22.0	<a href="#">098D060KS04</a>
	80	79	900	29.5	32.5	33.5	44.0	<a href="#">098D080KS06</a>
	100	99	900	29.5	32.5	33.5	84.0	<a href="#">098D100KS03</a>

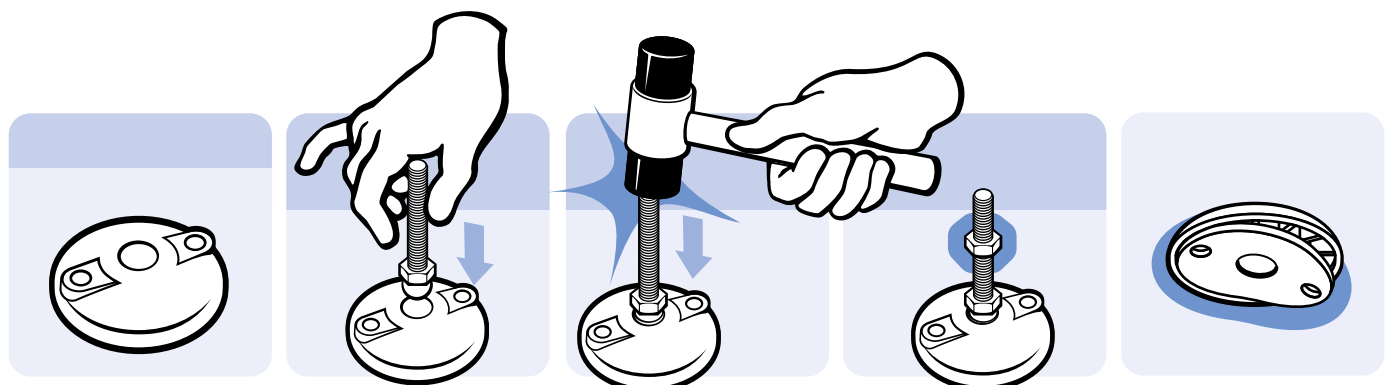


**BASE PA BDH FOR SWIVEL FEET, BALL JOINT 15, BLACK**

<b>MODEL</b>	Plastic PA, with bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, bolt-on or glued anti-slip plate on request; as factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq. and 098DM08025E et sq., Compatible Nut see 4DIN439BM5M et sq. and 4DIN934M5M et sq., Compatible Anti-slip Plate see 098DG030 et sq.; * Bolt-down holes closed

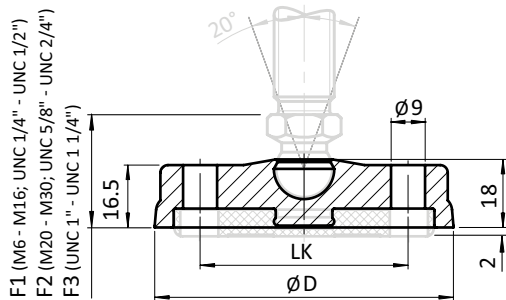


Version	Base	D [mm]	LK [mm]	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	80	79	55	900	29.5	32.5	33.5	46.0	<a href="#">098D080KB</a>
	*80	79	55	900	29.5	32.5	33.5	46.0	<a href="#">098D080KBZ</a>
	100	99	74	900	29.5	32.5	33.5	86.0	<a href="#">098D100KB</a>
	*100	99	74	900	29.5	32.5	33.5	86.0	<a href="#">098D100KBZ</a>
	120	119	94	900	29.5	32.5	33.5	104.0	<a href="#">098D120KB</a>
	*120	119	94	900	29.5	32.5	33.5	104.0	<a href="#">098D120KBZ</a>
with Anti-slip plate	80	79	55	900	29.5	32.5	33.5	69.0	<a href="#">098D080KBG</a>
	*80	79	55	900	29.5	32.5	33.5	69.0	<a href="#">098D080KBZG</a>
	100	99	74	900	29.5	32.5	33.5	123.0	<a href="#">098D100KBG</a>
	*100	99	74	900	29.5	32.5	33.5	123.0	<a href="#">098D100KBZG</a>
	120	119	94	900	29.5	32.5	33.5	164.0	<a href="#">098D120KBG</a>
	*120	119	94	900	29.5	32.5	33.5	164.0	<a href="#">098D120KBZG</a>

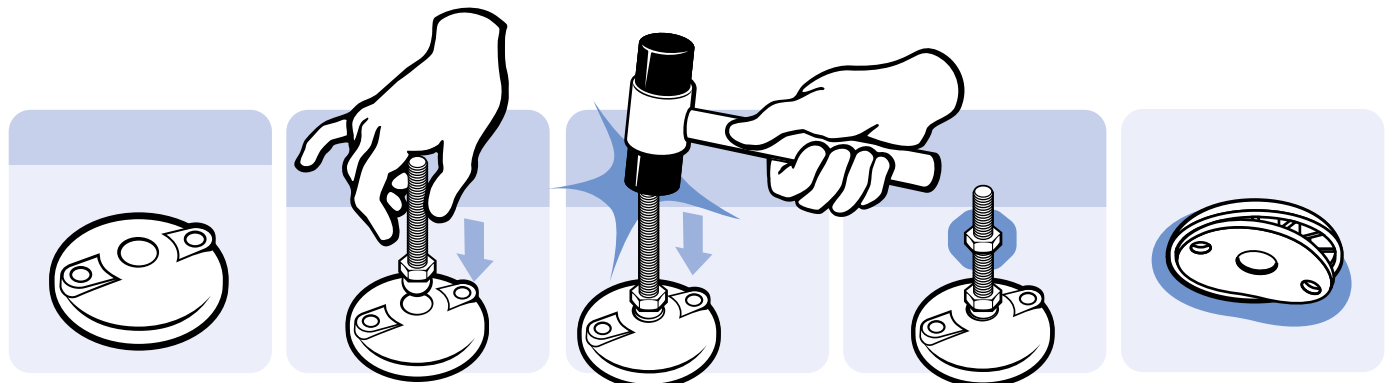


**BASE PA BDH FOR SWIVEL FEET, BALL JOINT 15, GRAY**

<b>MODEL</b>	Plastic PA, with bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq. and 098DM08025E et sq., Compatible Nut see 4DIN439BM5M et sq. and 4DIN934M5M et sq., Compatible Anti-slip Plate see 098DG030 et sq.; * Bolt-down holes closed

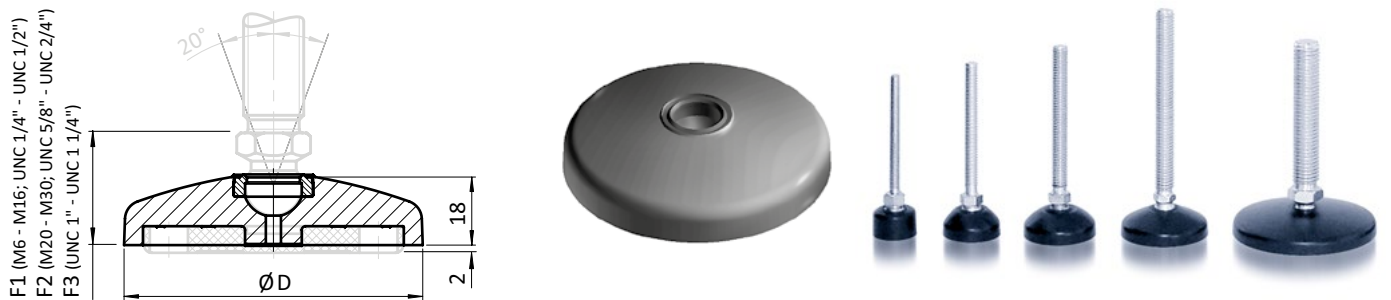


Version	Base D [mm]	LK [mm]	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #	
without anti-slip plate	80	79	55	900	29.5	32.5	33.5	46.0	<a href="#">098D080KBS04</a>
	*80	79	55	900	29.5	32.5	33.5	46.0	<a href="#">098D080KBZS04</a>
	100	99	74	900	29.5	32.5	33.5	86.0	<a href="#">098D100KBS03</a>
	*100	99	74	900	29.5	32.5	33.5	86.0	<a href="#">098D100KBZS02</a>
	120	119	94	900	29.5	32.5	33.5	104.0	<a href="#">098D120KBS03</a>
	*120	119	94	900	29.5	32.5	33.5	104.0	<a href="#">098D120KBZS01</a>

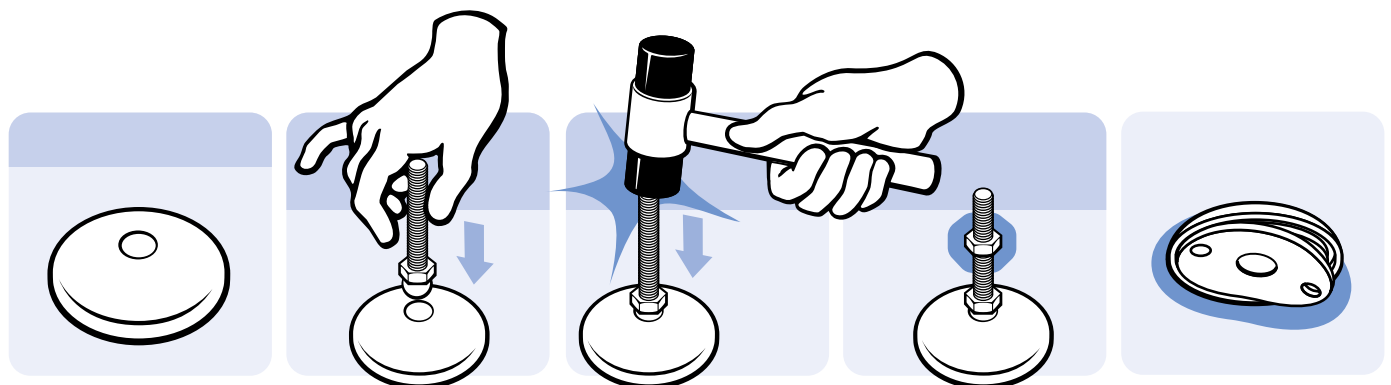


**BASE ZN FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Zinc die-cast, without bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot for strong positioning on uneven floors
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other sizes, other surfaces, other colors, screwed or glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq. and 098DM08025E et sq., Compatible Nut see 4DIN439BM5M et sq. and 4DIN934M5M et sq., Compatible Anti-Slip Plate see 098DG030 et sq.



Version	Base	D [mm]	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	30	29	2000	29.5	32.5	33.5	48.0	<a href="#">098D030ZS</a>
	40	39	3000	29.5	32.5	33.5	70.0	<a href="#">098D040ZS</a>
	45	44	3000	29.5	32.5	33.5	90.0	<a href="#">098D045ZS</a>
	50	49	3000	29.5	32.5	33.5	126.0	<a href="#">098D050ZS</a>
	60	59	3000	29.5	32.5	33.5	160.0	<a href="#">098D060ZS</a>
	80	79	3000	29.5	32.5	33.5	260.0	<a href="#">098D080ZS</a>
	100	99	3500	29.5	32.5	33.5	400.0	<a href="#">098D100ZS</a>
	120	119	3500	29.5	32.5	33.5	584.0	<a href="#">098D120ZS</a>
with Anti-slip plate	30	29	2000	29.5	32.5	33.5	50.0	<a href="#">098D030ZSG</a>
	40	39	3000	29.5	32.5	33.5	74.0	<a href="#">098D040ZSG</a>
	45	44	3000	29.5	32.5	33.5	96.0	<a href="#">098D045ZSG</a>
	50	49	3000	29.5	32.5	33.5	134.0	<a href="#">098D050ZSG</a>
	60	59	3000	29.5	32.5	33.5	172.0	<a href="#">098D060ZSG</a>
	80	79	3000	29.5	32.5	33.5	283.0	<a href="#">098D080ZSG</a>
	100	99	3500	29.5	32.5	33.5	437.0	<a href="#">098D100ZSG</a>
	120	119	3500	29.5	32.5	33.5	644.0	<a href="#">098D120ZSG</a>

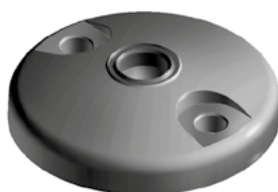
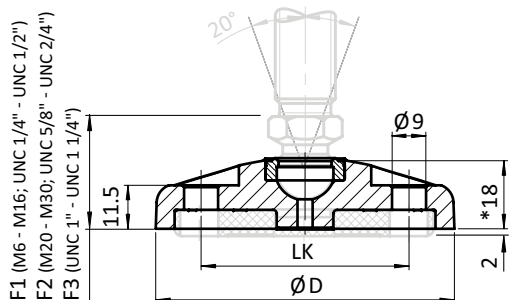




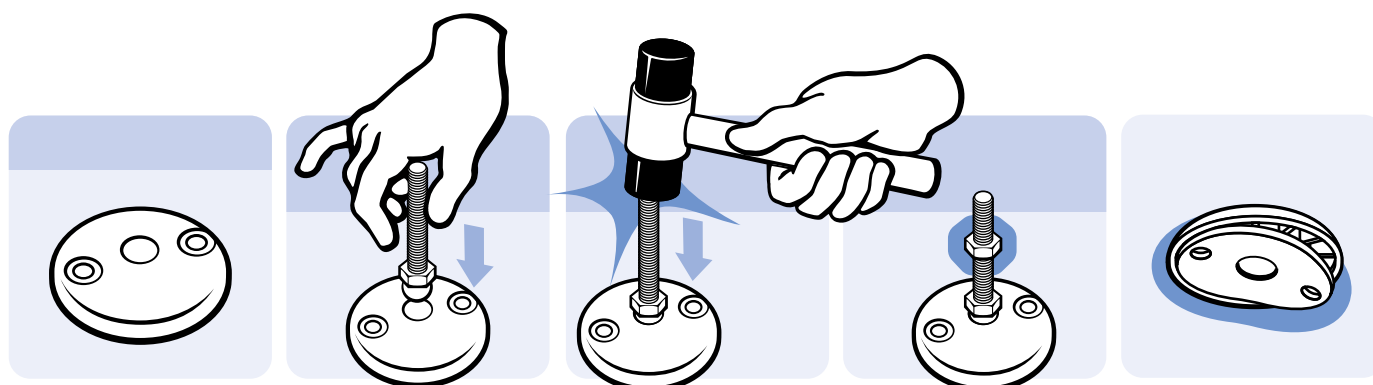
**BASE ZN BDH FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Zinc die-cast, with bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other sizes, other surfaces, other colors, screwed or glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq., Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate see 098DG030

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Version	Base	D [mm]	LK [mm]	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	60	59	40	3000	29.5	32.5	33.5	157.0	<a href="#">098D060ZBS</a>
	80	79	55	3000	29.5	32.5	33.5	260.0	<a href="#">098D080ZBS</a>
	100	99	74	3500	29.5	32.5	33.5	377.0	<a href="#">098D100ZBS</a>
	120	119	94	3500	29.5	32.5	33.5	570.0	<a href="#">098D120ZBS</a>
with Anti-slip plate	60	59	40	3000	29.5	32.5	33.5	169.0	<a href="#">098D060ZBSG</a>
	80	79	55	3000	29.5	32.5	33.5	283.0	<a href="#">098D080ZBSG</a>
	100	99	74	3500	29.5	32.5	33.5	414.0	<a href="#">098D100ZBSG</a>
	120	119	94	3500	29.5	32.5	33.5	630.0	<a href="#">098D120ZBSG</a>

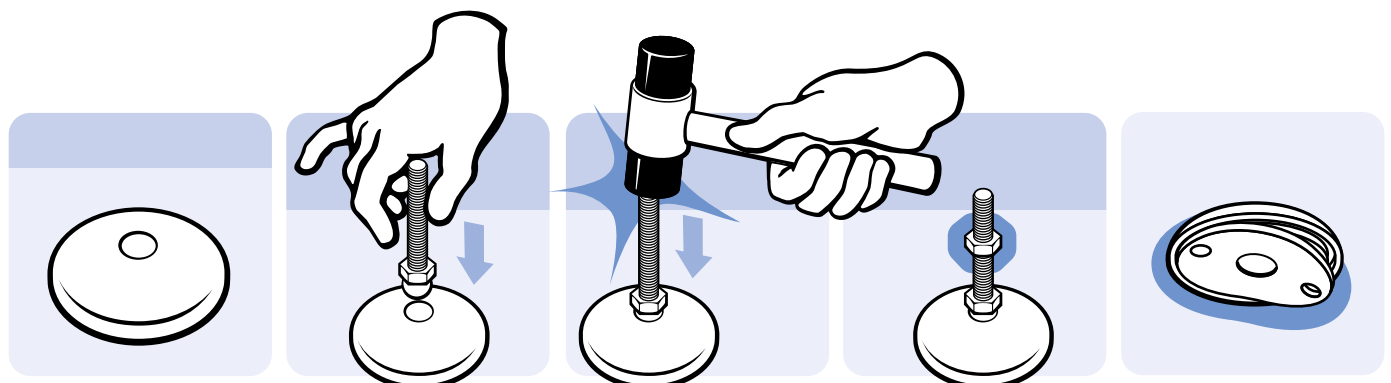


**BASE SS FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Stainless steel, without bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot for strong positioning on uneven floors
<b>MATERIAL</b>	Stainless steel SS303
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other sizes, glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025E et sq., Compatible Nut see 4DIN439BM5E et sq., Compatible Anti-Slip Plate see 098DG030



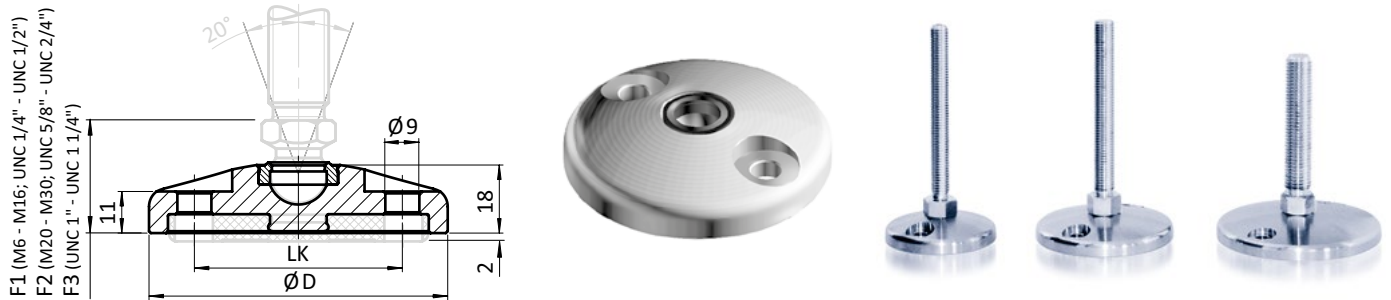
Version	Base	D [mm]	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	30	29	2000	29.5	32.5	33.5	62.0	<a href="#">098D030E</a>
	40	39	3000	29.5	32.5	33.5	99.0	<a href="#">098D040E</a>
	45	44	3000	29.5	32.5	33.5	123.0	<a href="#">098D045E</a>
	50	49	3500	29.5	32.5	33.5	158.0	<a href="#">098D050E</a>
	60	59	3500	29.5	32.5	33.5	218.0	<a href="#">098D060E</a>
	80	79	3500	29.5	32.5	33.5	380.0	<a href="#">098D080E</a>
	100	99	4000	29.5	32.5	33.5	605.0	<a href="#">098D100E</a>
	120	119	4000	29.5	32.5	33.5	844.0	<a href="#">098D120E</a>
with Anti-slip plate	30	29	2000	29.5	32.5	33.5	64.0	<a href="#">098D030EG</a>
	40	39	3000	29.5	32.5	33.5	103.0	<a href="#">098D040EG</a>
	45	44	3000	29.5	32.5	33.5	129.0	<a href="#">098D045EG</a>
	50	49	3500	29.5	32.5	33.5	166.0	<a href="#">098D050EG</a>
	60	59	3500	29.5	32.5	33.5	230.0	<a href="#">098D060EG</a>
	80	79	3500	29.5	32.5	33.5	403.0	<a href="#">098D080EG</a>
	100	99	4000	29.5	32.5	33.5	642.0	<a href="#">098D100EG</a>
	120	119	4000	29.5	32.5	33.5	904.0	<a href="#">098D120EG</a>



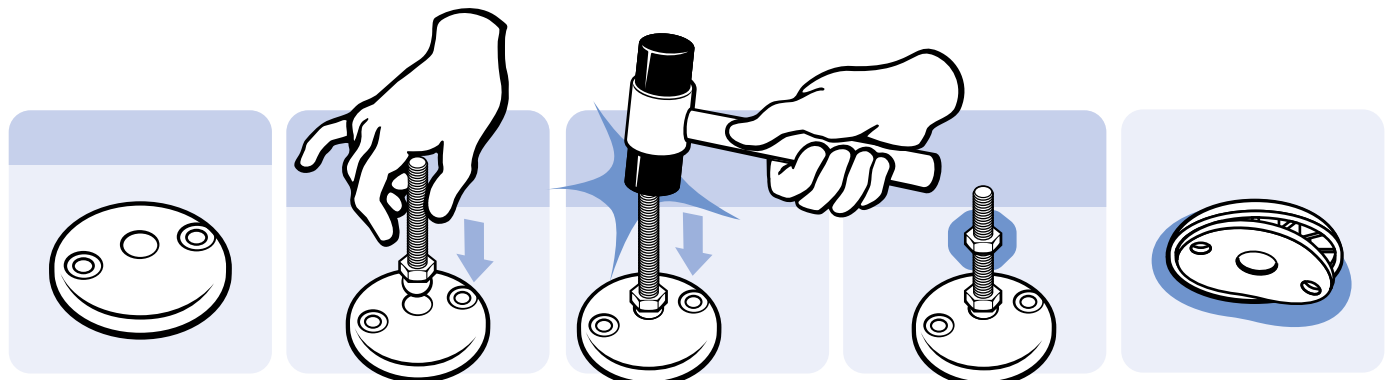
**BASE SS BDH FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Stainless steel, with bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Stainless steel SS303
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other sizes, glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025E et sq., Compatible Nut see 4DIN439BM5E et sq., Compatible Anti-Slip Plate see 098DG030

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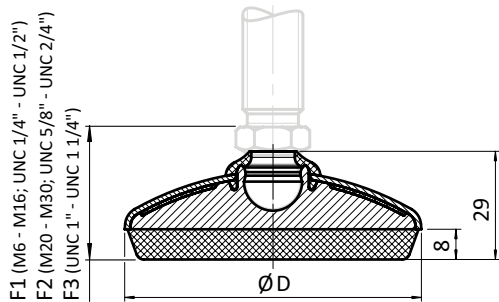


Version	Base D [mm]	LK [mm]	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #	
without anti-slip plate	80	79	55	3000	29.5	32.5	33.5	354.0	<a href="#">098D080EB</a>
	100	99	74	4000	29.5	32.5	33.5	587.0	<a href="#">098D100EB</a>
	120	119	94	4000	29.5	32.5	33.5	830.0	<a href="#">098D120EB</a>
with Anti-slip plate	80	79	55	3000	29.5	32.5	33.5	377.0	<a href="#">098D080EBG</a>
	100	99	74	4000	29.5	32.5	33.5	624.0	<a href="#">098D100EBG</a>
	120	119	94	4000	29.5	32.5	33.5	890.0	<a href="#">098D120EBG</a>

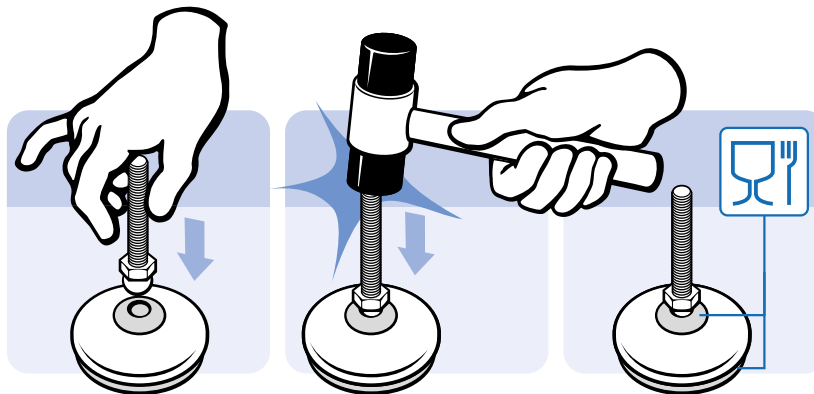


**BASE FOR SEALED SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	Adjustable Pivot foot to equalize uneven floors; With integrated anti-slip plate; Including a sealing lip on the bottom that seals up to a slope of 8 degree with a possible max. of 20 degree
<b>MATERIAL</b>	Base: Stainless steel SS304 Anti-slip Plate: Plastic TPE, ≈ 75 Shore A, water and oil resistant (up to 60°C), with antibacterial and antimicrobial protection
<b>COLOR</b>	Anti-slip Plate: Light gray ≈ RAL 7035
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025E et sq., Compatible Nut see 4DIN439BM5E et sq.



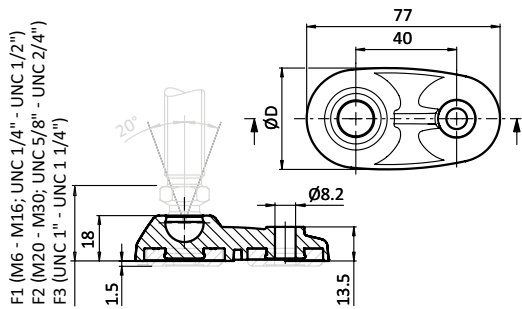
Base	D [mm]	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
60	58.5	700	35.0	38.0	39.0	75.0	<a href="#">098DE060EG</a>
80	78.5	700	35.0	38.0	39.0	150.0	<a href="#">098DE080EG</a>
100	98.5	700	35.0	38.0	39.0	220.0	<a href="#">098DE100EG</a>



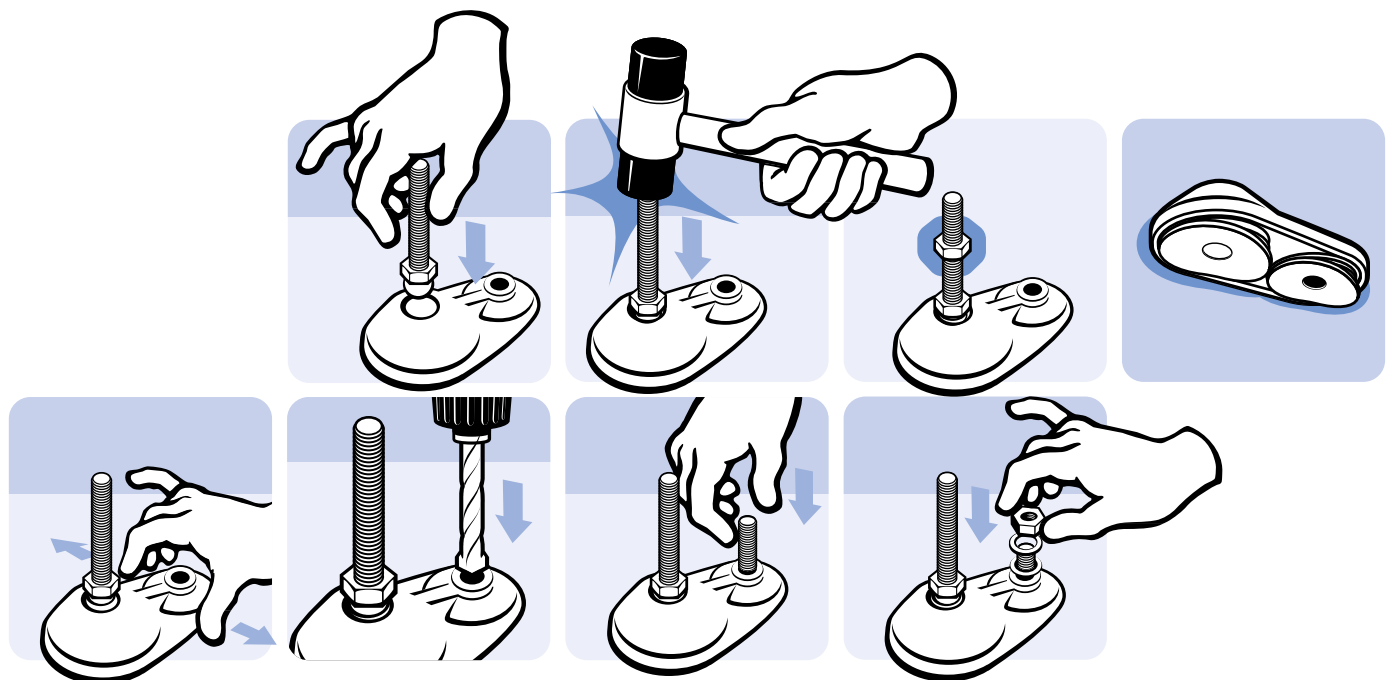
**EXTENDED BASE 40 PA FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Extended swiveling leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other colors, bolt-on or glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq., Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate see 098DG030

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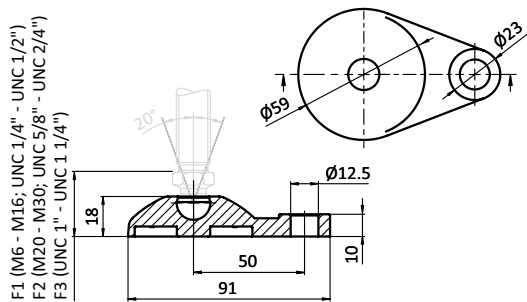


Version	Base	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	40	600	29.5	32.5	33.5	20.0	098DA040K
with Anti-slip plate	40	600	29.5	32.5	33.5	28.0	098DA040KG

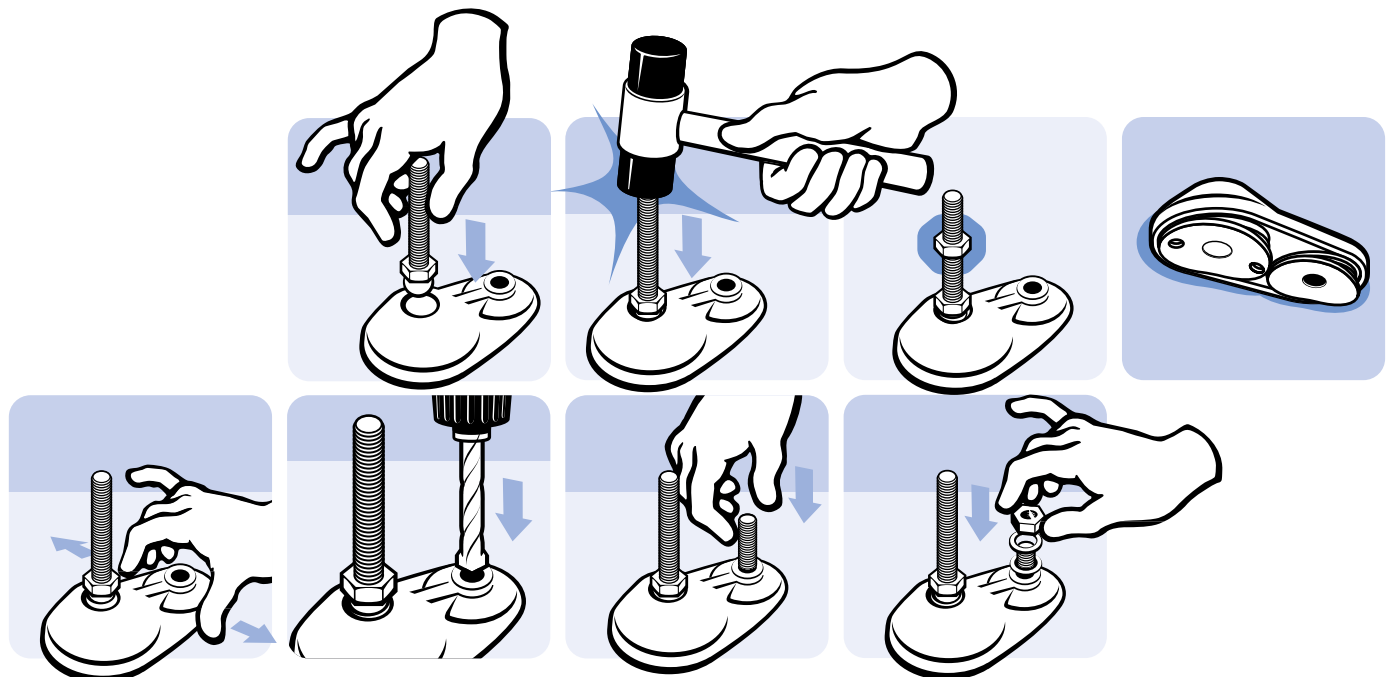


**EXTENDED BASE 60 PA FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Extended swiveling leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other colors, bolt-on or glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq., Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-slip Plate see 098DAG060



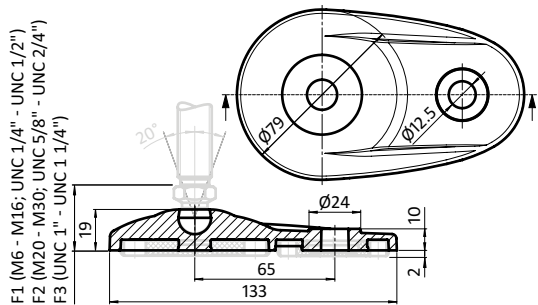
Version	Base	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	60	900.0	29.5	32.5	33.5	24.0	098DA060K



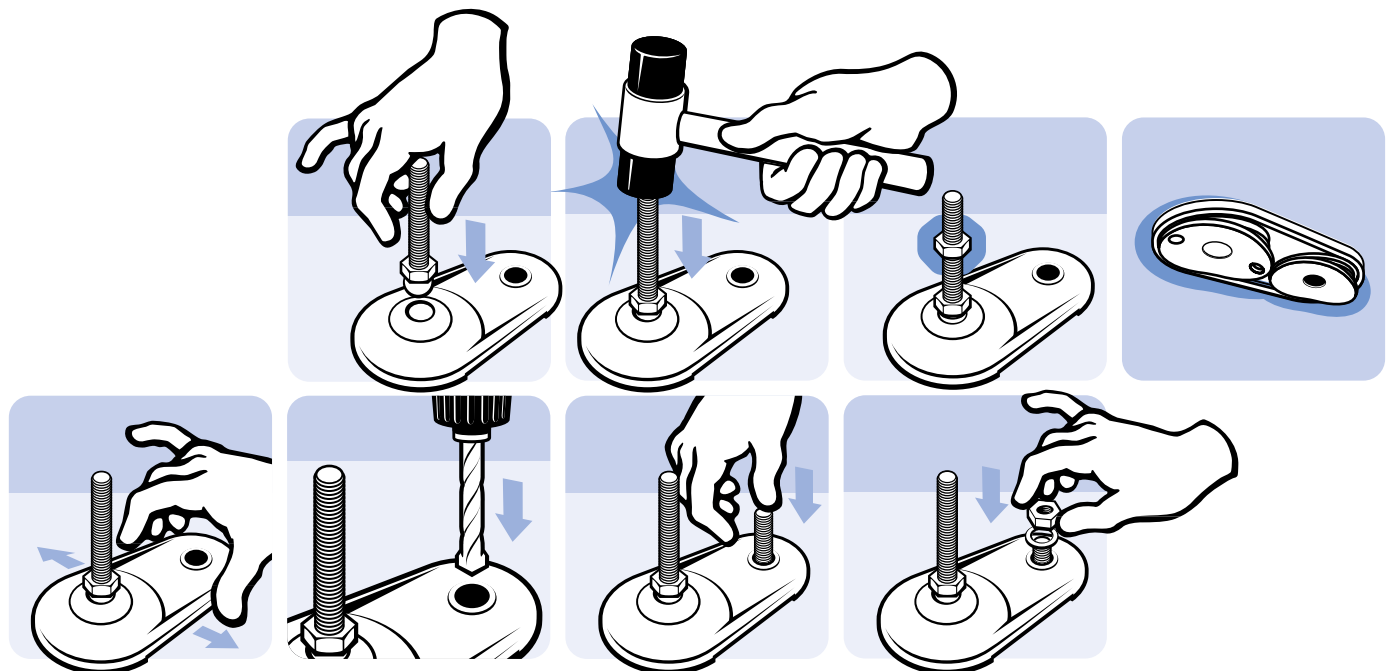
**EXTENDED BASE 80 PA FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Extended swiveling leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, bolt-on or glued anti-slip plate on request; as factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq. or 098DM08025E et sq., Compatible Nut see 4DIN439BM5M et sq. or 4DIN934M5M et sq., Compatible Anti-Slip Plate see 098DG080 and 098AG060

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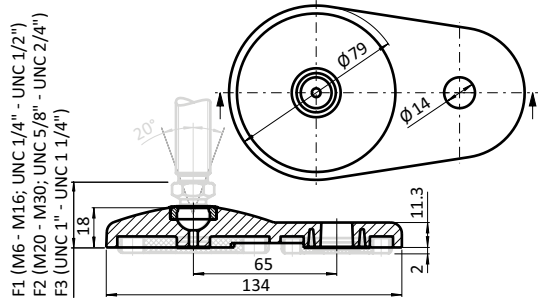


Version	Base	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	80	1000	30.5	33.5	34.5	58.8	098DA080K
with Anti-slip plate	80	1000	30.5	33.5	34.5	93.8	098DA080KG

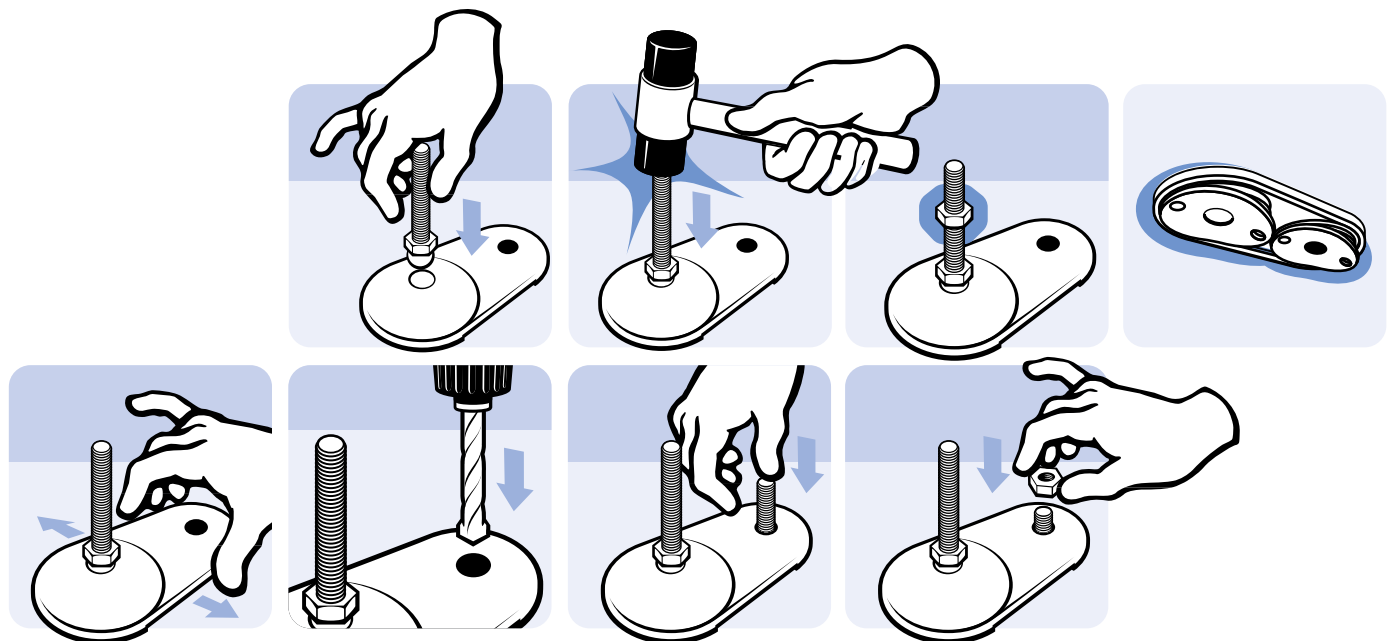


**EXTENDED BASE 80 ZN FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	Extended swiveling leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other sizes, other colors, screwed or glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq., Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate see 098DG030



Version	Base	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	80	3000	29.5	32.5	33.5	399.0	<b>098DA080ZS</b>
with Anti-slip plate	80	3000	29.5	32.5	33.5	434.0	<b>098DA080ZSG</b>

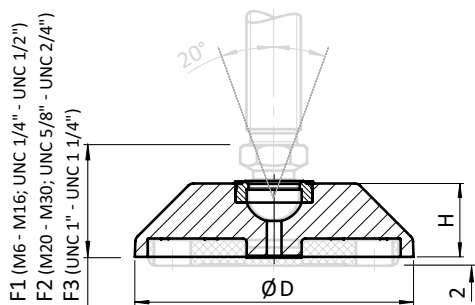




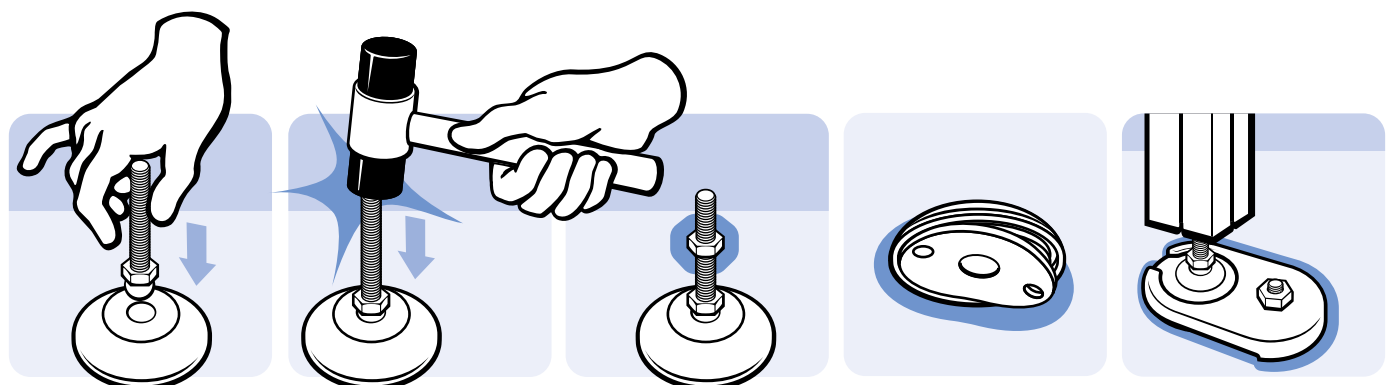
**TRAPEZOID BASE FOR SWIVEL FEET BALL JOINT 15**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	A swiveling leveling foot for strong positioning on uneven floors
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other sizes, other colors, screwed or glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098DM08025M et sq., Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-slip Plate see 098DG030, Compatible Floor Mounting see 098BI060ZS

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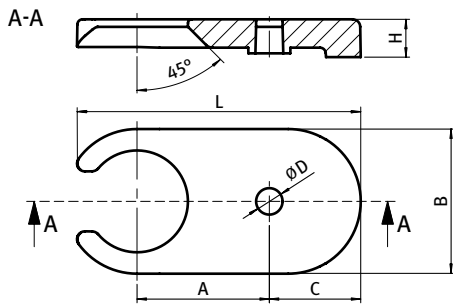


Version	Base	D [mm]	H [mm]	Max. Load [kg]	F1 [mm]	F2 [mm]	F3 [mm]	Weight [g]	Part #
without anti-slip plate	60	59	18	2500	29.5	32.5	33.5	98.0	<a href="#">098DI060ZS</a>
	80	76	20	3000	29.5	32.5	33.5	109.0	<a href="#">098DI080ZS</a>
with Anti-slip plate	60	59	18	2500	29.5	32.5	33.5	110.0	<a href="#">098DI060ZSG</a>
	80	76	20	3000	29.5	32.5	33.5	122.0	<a href="#">098DI080ZSG</a>

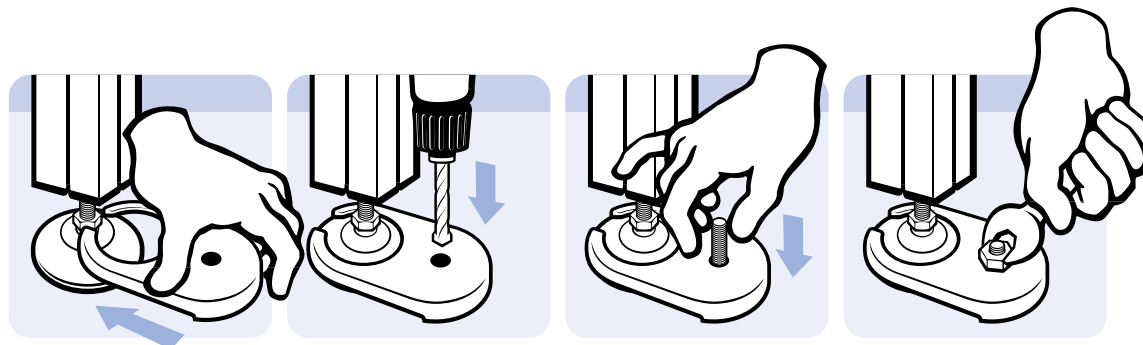


**FLOOR MOUNTING FOR BASE OF TRAPEZOID FOOT**

<b>MODEL</b>	For trapezoid base
<b>DESCRIPTION</b>	To securely fix the trapezoid leveling foot to the floor - can be mounted afterward
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Trapezoid Base see 098DI060ZS and 098AI060ZS

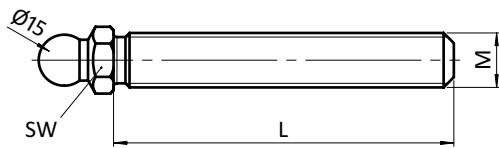


for Base	A [mm]	D [mm]	B [mm]	H [mm]	L [mm]	C [mm]	Weight [g]	Profile	Part #
60	50.0	12.0	56.0	18.0	110.0	38.0	240.5	I	<a href="#">098BI060ZS</a>
80	70.0	14.0	76.5	20.0	150.0	48.0	502.4	I	<a href="#">098BI080ZS</a>



**THREADED ROD ST METRIC FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	Threaded rod for swiveling leveling feet
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>BALL JOINT</b>	Swiveling range $\pm 20^\circ$
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other lengths and sizes on request



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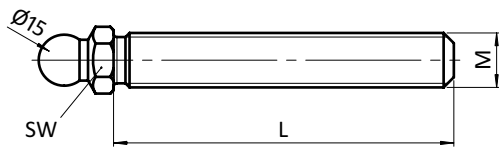


**THREADED ROD ST METRIC FOR SWIVEL FEET, BALL JOINT 15**

Material	M x L [mm]	SW [mm]	Max. Load [kg]	Weight [g]	Part #
Steel	M8 x 25	14	350	29.0	<a href="#">098DM08025M</a>
	M8 x 40	14	350	36.0	<a href="#">098DM08040M</a>
	M8 x 80	14	350	49.0	<a href="#">098DM08080M</a>
	M10 x 45	14	470	45.0	<a href="#">098DM10045M</a>
	M10 x 70	14	470	55.0	<a href="#">098DM10070M</a>
	M10 x 90	14	470	68.0	<a href="#">098DM10090M</a>
	M10 x 125	14	470	84.0	<a href="#">098DM10125M</a>
	M10 x 150	14	470	92.0	<a href="#">098DM10150M</a>
	M12 x 45	14	770	55.0	<a href="#">098DM12045M</a>
	M12 x 66	14	770	70.0	<a href="#">098DM12066M</a>
	M12 x 100	14	770	94.0	<a href="#">098DM12100M</a>
	M12 x 125	14	770	112.0	<a href="#">098DM12125M</a>
	M12 x 150	14	770	130.0	<a href="#">098DM12150M</a>
	M14 x 66	14	1110	85.0	<a href="#">098DM14066M</a>
	M14 x 100	14	1110	119.0	<a href="#">098DM14100M</a>
	M14 x 125	14	1110	138.0	<a href="#">098DM14125M</a>
	M14 x 150	14	1110	166.0	<a href="#">098DM14150M</a>
	M16 x 66	17	1450	112.0	<a href="#">098DM16066M</a>
	M16 x 100	17	1450	156.0	<a href="#">098DM16100M</a>
	M16 x 125	17	1450	190.0	<a href="#">098DM16125M</a>
	M16 x 150	17	1450	222.0	<a href="#">098DM16150M</a>
	M16 x 200	17	1450	285.0	<a href="#">098DM16200M</a>
	M20 x 85	22	2430	208.0	<a href="#">098DM20085M</a>
	M20 x 100	22	2430	237.0	<a href="#">098DM20100M</a>
	M20 x 125	22	2430	297.0	<a href="#">098DM20125M</a>
	M20 x 150	22	2430	341.0	<a href="#">098DM20150M</a>
	M20 x 200	22	2430	447.0	<a href="#">098DM20200M</a>
	M20 x 250	22	2430	551.0	<a href="#">098DM20250M</a>
	M24 x 85	24	3610	293.0	<a href="#">098DM24085M</a>
	M24 x 100	24	3610	336.0	<a href="#">098DM24100M</a>
	M24 x 125	24	3610	408.0	<a href="#">098DM24125M</a>
	M24 x 150	24	3610	483.0	<a href="#">098DM24150M</a>
M24 x 200	24	3610	633.0	<a href="#">098DM24200M</a>	
M24 x 250	24	3610	783.0	<a href="#">098DM24250M</a>	

**THREADED ROD SS METRIC FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	Threaded rod for swiveling leveling feet
<b>MATERIAL</b>	Stainless steel SS304
<b>SURFACE</b>	Plain
<b>BALL JOINT</b>	Swiveling range $\pm 20^\circ$
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other lengths and sizes on request



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**THREADED ROD SS METRIC FOR SWIVEL FEET, BALL JOINT 15**

Material	M x L [mm]	SW [mm]	Max. Load [kg]	Weight [g]	Part #
Stainless steel	M8 x 25	14	350	29.0	<a href="#">098DM08025E</a>
	M8 x 40	14	350	36.0	<a href="#">098DM08040E</a>
	M8 x 80	14	350	49.0	<a href="#">098DM08080E</a>
	M10 x 45	14	470	45.0	<a href="#">098DM10045E</a>
	M10 x 70	14	470	55.0	<a href="#">098DM10070E</a>
	M10 x 90	14	470	68.0	<a href="#">098DM10090E</a>
	M10 x 125	14	470	84.0	<a href="#">098DM10125E</a>
	M10 x 150	14	470	92.0	<a href="#">098DM10150E</a>
	M12 x 45	14	770	55.0	<a href="#">098DM12045E</a>
	M12 x 66	14	770	70.0	<a href="#">098DM12066E</a>
	M12 x 100	14	770	94.0	<a href="#">098DM12100E</a>
	M12 x 125	14	770	112.0	<a href="#">098DM12125E</a>
	M12 x 150	14	770	130.0	<a href="#">098DM12150E</a>
	M14 x 66	14	1110	85.0	<a href="#">098DM14066E</a>
	M14 x 100	14	1110	119.0	<a href="#">098DM14100E</a>
	M14 x 125	14	1110	138.0	<a href="#">098DM14125E</a>
	M14 x 150	14	1110	166.0	<a href="#">098DM14150E</a>
	M16 x 66	17	1450	112.0	<a href="#">098DM16066E</a>
	M16 x 100	17	1450	156.0	<a href="#">098DM16100E</a>
	M16 x 125	17	1450	190.0	<a href="#">098DM16125E</a>
	M16 x 150	17	1450	222.0	<a href="#">098DM16150E</a>
	M16 x 200	17	1450	285.0	<a href="#">098DM16200E</a>
	M20 x 85	22	2430	208.0	<a href="#">098DM20085E</a>
	M20 x 100	22	2430	237.0	<a href="#">098DM20100E</a>
	M20 x 125	22	2430	297.0	<a href="#">098DM20125E</a>
	M20 x 150	22	2430	341.0	<a href="#">098DM20150E</a>
	M20 x 200	22	2430	447.0	<a href="#">098DM20200E</a>
	M20 x 250	22	2430	551.0	<a href="#">098DM20250E</a>
	M24 x 85	24	3610	293.0	<a href="#">098DM24085E</a>
	M24 x 100	24	3610	336.0	<a href="#">098DM24100E</a>
M24 x 125	24	3610	408.0	<a href="#">098DM24125E</a>	
M24 x 150	24	3610	483.0	<a href="#">098DM24150E</a>	
M24 x 200	24	3610	633.0	<a href="#">098DM24200E</a>	
M24 x 250	24	3610	783.0	<a href="#">098DM24250E</a>	

**THREADED ROD ST UNC FOR SWIVEL FEET, BALL JOINT 15**

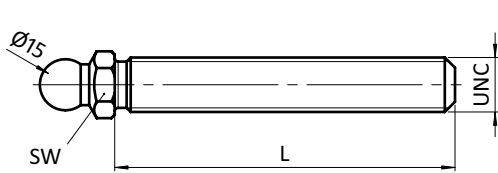
<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	Threaded rod for swiveling leveling feet
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>BALL JOINT</b>	Swiveling range $\pm 20^\circ$
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other lengths and sizes on request



Material	UNC x L [in]	SW [mm]	Max. Load [kg]	Weight [g]	Part #
Steel	1/4-20 UNC x 1.5"	14 (9/16")	210	32.0	<a href="#">098DU1/4-1,5M</a>
	5/16-18 UNC x 1.5"	14 (9/16")	350	37.0	<a href="#">098DU5/16-1,5M</a>
	5/16-18 UNC x 2.5"	14 (9/16")	350	45.0	<a href="#">098DU5/16-2,5M</a>
	5/16-18 UNC x 3.5"	14 (9/16")	350	53.0	<a href="#">098DU5/16-3,5M</a>
	3/8-16 UNC x 1.5"	14 (9/16")	470	43.0	<a href="#">098DU3/8-1,5M</a>
	3/8-16 UNC x 2"	14 (9/16")	470	48.0	<a href="#">098DU3/8-2M</a>
	3/8-16 UNC x 2.5"	14 (9/16")	470	55.0	<a href="#">098DU3/8-2,5M</a>
	3/8-16 UNC x 3"	14 (9/16")	470	59.0	<a href="#">098DU3/8-3M</a>
	3/8-16 UNC x 4"	14 (9/16")	470	69.0	<a href="#">098DU3/8-4M</a>
	3/8-16 UNC x 6"	14 (9/16")	470	92.0	<a href="#">098DU3/8-6M</a>
	1/2-13 UNC x 1.5"	14 (9/16")	770	56.0	<a href="#">098DU1/2-1,5M</a>
	1/2-13 UNC x 2"	14 (9/16")	770	67.0	<a href="#">098DU1/2-2M</a>
	1/2-13 UNC x 2.5"	14 (9/16")	770	75.0	<a href="#">098DU1/2-2,5M</a>
	1/2-13 UNC x 3"	14 (9/16")	770	87.0	<a href="#">098DU1/2-3M</a>
	1/2-13 UNC x 3.5"	14 (9/16")	770	97.0	<a href="#">098DU1/2-3,5M</a>
	1/2-13 UNC x 4"	14 (9/16")	770	107.0	<a href="#">098DU1/2-4M</a>
	1/2-13 UNC x 5"	14 (9/16")	770	127.0	<a href="#">098DU1/2-5M</a>
	1/2-13 UNC x 6"	14 (9/16")	770	147.0	<a href="#">098DU1/2-6M</a>
	5/8-11 UNC x 5"	22 (7/8")	1450	208.0	<a href="#">098DU5/8-5M</a>
	5/8-11 UNC x 6"	22 (7/8")	1450	241.0	<a href="#">098DU5/8-6M</a>
	5/8-11 UNC x 6.5"	22 (7/8")	1450	257.0	<a href="#">098DU5/8-6,5M</a>
	3/4-10 UNC x 4"	22 (7/8")	2430	241.0	<a href="#">098DU3/4-4M</a>
	3/4-10 UNC x 6"	22 (7/8")	2430	330.0	<a href="#">098DU3/4-6M</a>
	3/4-10 UNC x 6.5"	22 (7/8")	2430	353.0	<a href="#">098DU3/4-6,5M</a>
	3/4-10 UNC x 8"	22 (7/8")	2430	426.0	<a href="#">098DU3/4-8M</a>
	3/4-10 UNC x 9.5"	22 (7/8")	2430	496.0	<a href="#">098DU3/4-9,5M</a>
	1-8 UNC x 6"	22 (7/8")	3610	483.0	<a href="#">098DU1-6M</a>

**THREADED ROD SS UNC FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	Threaded rod for swiveling leveling feet
<b>MATERIAL</b>	Stainless steel SS304
<b>SURFACE</b>	Plain
<b>BALL JOINT</b>	Swiveling range $\pm 20^\circ$
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other lengths and sizes on request

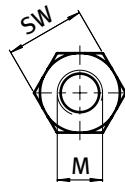
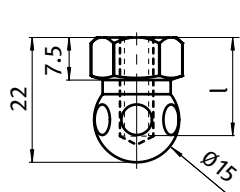


Material	UNC x L [in]	SW [mm]	Max. Load [kg]	Weight [g]	Part #
Stainless steel	1/4-20 UNC x 1.5"	14 (9/16")	210	32.0	098DU1/4-1,5E
	5/16-18 UNC x 1.5"	14 (9/16")	350	37.0	098DU5/16-1,5E
	5/16-18 UNC x 2.5"	14 (9/16")	350	45.0	098DU5/16-2,5E
	3/8-16 UNC x 1.5"	14 (9/16")	470	43.0	098DU3/8-1,5E
	3/8-16 UNC x 2.5"	14 (9/16")	470	55.0	098DU3/8-2,5E
	3/8-16 UNC x 3"	14 (9/16")	470	59.0	098DU3/8-3E
	3/8-16 UNC x 4"	14 (9/16")	470	69.0	098DU3/8-4E
	3/8-16 UNC x 6"	14 (9/16")	470	92.0	098DU3/8-6E
	1/2-13 UNC x 1.5"	14 (9/16")	770	56.0	098DU1/2-1,5E
	1/2-13 UNC x 2"	14 (9/16")	770	67.0	098DU1/2-2E
	1/2-13 UNC x 2.5"	14 (9/16")	770	75.0	098DU1/2-2,5E
	1/2-13 UNC x 3"	14 (9/16")	770	87.0	098DU1/2-3E
	1/2-13 UNC x 3.5"	14 (9/16")	770	97.0	098DU1/2-3,5E
	1/2-13 UNC x 4"	14 (9/16")	770	107.0	098DU1/2-4E
	1/2-13 UNC x 5"	14 (9/16")	770	127.0	098DU1/2-5E
	1/2-13 UNC x 6"	14 (9/16")	770	147.0	098DU1/2-6E
	5/8-11 UNC x 3"	22 (7/8")	1450	146.0	098DU5/8-3E
	5/8-11 UNC x 6"	22 (7/8")	1450	241.0	098DU5/8-6E
	5/8-11 UNC x 6.5"	22 (7/8")	1450	257.0	098DU5/8-6,5E
	3/4-10 UNC x 6"	22 (7/8")	2430	330.0	098DU3/4-6E
	3/4-10 UNC x 6.5"	22 (7/8")	2430	353.0	098DU3/4-6,5E
	3/4-10 UNC x 8"	22 (7/8")	2430	426.0	098DU3/4-8E
	3/4-10 UNC x 9.5"	22 (7/8")	2430	496.0	098DU3/4-9,5E



**BALL JOINT WITH FEMALE THREAD FOR SWIVEL FEET, BALL JOINT 15**

<b>MODEL</b>	Steel / stainless steel
<b>DESCRIPTION</b>	To fix leveling feet using standard screws
<b>MATERIAL</b>	Steel / stainless steel SS304
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	10 pieces



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	Material	M x l	SW	Weight [g]	Part #
	Steel	M6 x 10 mm	14 mm	20.0	<a href="#">098DSW14M06M</a>
		M8 x 10 mm	14 mm	20.0	<a href="#">098DSW14M08M</a>
	Stainless steel	M6 x 10 mm	14 mm	20.0	<a href="#">098DSW14M06E</a>
		M8 x 10 mm	14 mm	20.0	<a href="#">098DSW14M08E</a>

**ANTI-SLIP PLATE FOR SWIVEL FEET, BALL JOINT 15**

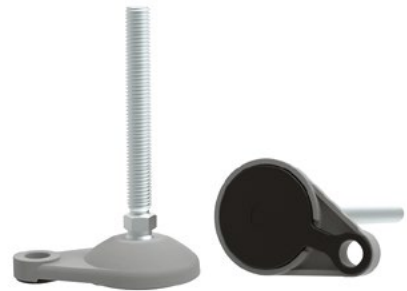
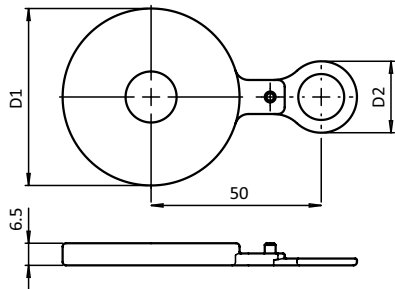
<b>MODEL</b>	For swivel feet, ball joint 15 and ball joint 22
<b>DESCRIPTION</b>	Prevents movement of leveling feet on slippery surfaces and absorbs some vibration
<b>MATERIAL</b>	Thermoplastic elastomer, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>SPECIFICATION</b>	Water and oil resistant (up to 60 °C)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging on request
<b>TIP</b>	* Also for bases with bolt down holes



Version	for Base	D [mm]	Weight [g]	Part #
	30	20	2.0	<a href="#">098DG030</a>
	40	30	4.0	<a href="#">098DG040</a>
With central Ø 8.5 mm bore	40	30	4.0	<a href="#">098DG040B</a>
	45	35	6.0	<a href="#">098DG045</a>
	50	40	8.0	<a href="#">098DG050</a>
	60	50	12	<a href="#">098DG060</a>
	*60	50	12	<a href="#">098DG060B</a>
	80	68	23.0	<a href="#">098DG080</a>
	*80	68	23.0	<a href="#">098DG080B</a>
	*100	87	37.0	<a href="#">098DG100B</a>
	*120	108	60.0	<a href="#">098DG120B</a>

**ANTI-SLIP PLATE FOR EXTENDED SWIVEL FEET 60 PA, BALL JOINT 15**

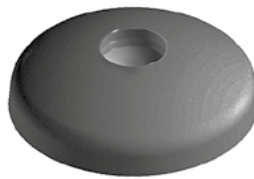
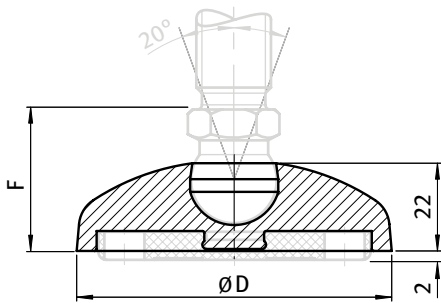
<b>MODEL</b>	For extended base 60 for swivel feet
<b>DESCRIPTION</b>	Prevents movement of leveling feet on slippery surfaces and absorbs some vibration
<b>MATERIAL</b>	Thermoplastic elastomer, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>SPECIFICATION</b>	Water and oil resistant (up to 60 °C)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging on request



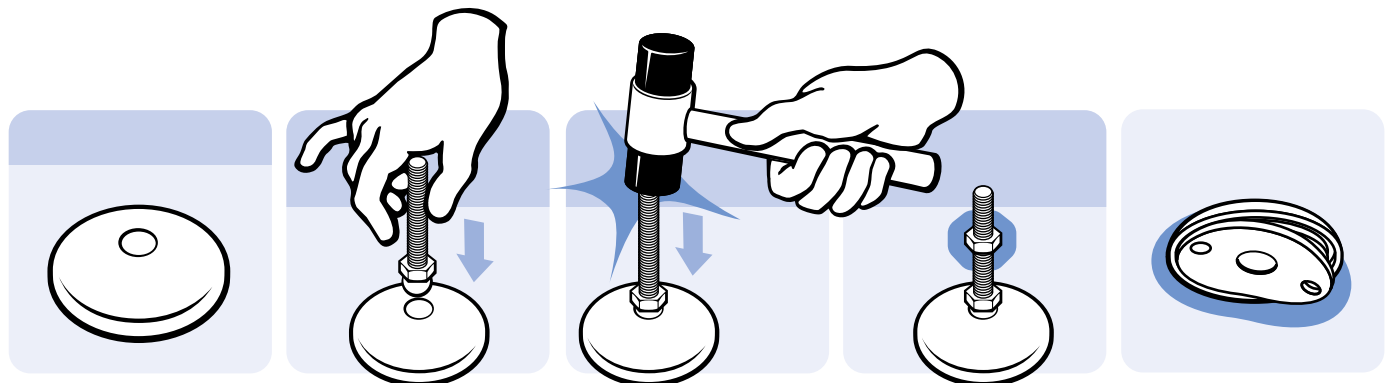
for Base	D1 [mm]	D2 [mm]	Weight [g]	Part #
60	52.0	21.6	13.0	<a href="#">098DAG060</a>

**BASE PA FOR SWIVEL FEET, BALL JOINT 22**

<b>MODEL</b>	Plastic PA, without bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot for strong positioning on uneven floors
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, bolt-on or glued anti-slip plate on request; as factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098CM16066M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-slip Plate 098DG030



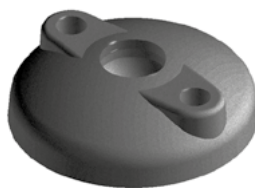
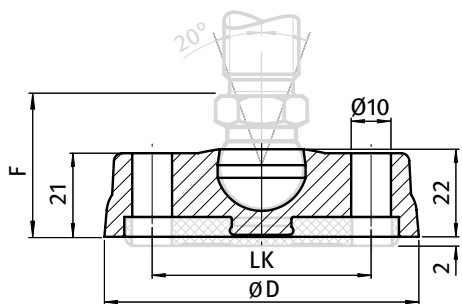
Version	Base	D [mm]	Max. Load [kg]	F [mm]	Weight [g]	Part #
without anti-slip plate	60	59	900	38.5	27.5	<a href="#">098C060K</a>
	80	79	900	38.5	48.9	<a href="#">098C080K</a>
	100	99	900	38.5	72.0	<a href="#">098C100K</a>
with Anti-slip plate	60	59	900	38.5	39.5	<a href="#">098C060KG</a>
	80	79	900	38.5	71.9	<a href="#">098C080KG</a>
	100	99	900	38.5	109.0	<a href="#">098C100KG</a>



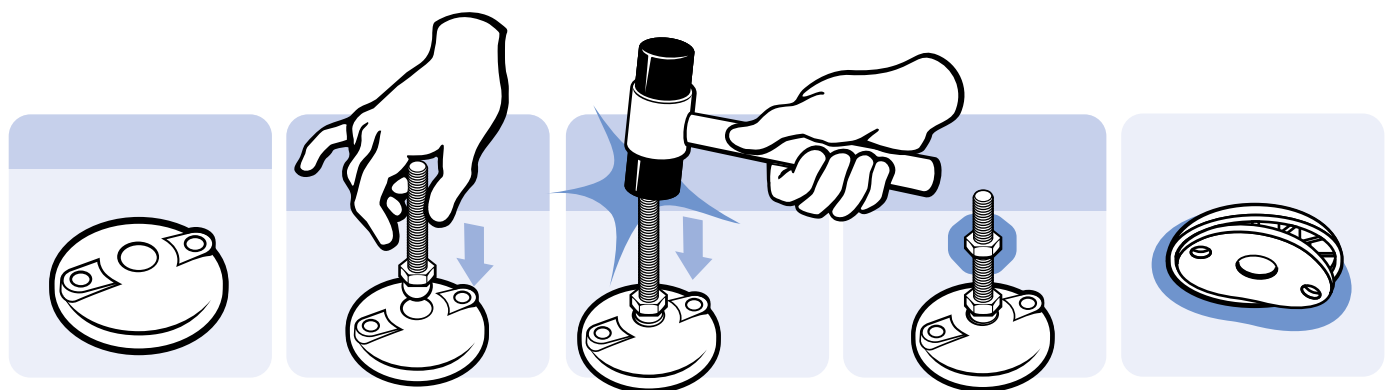
**BASE PA BDH FOR SWIVEL FEET, BALL JOINT 22**

<b>MODEL</b>	Plastic PA, with bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, bolt-on or glued anti-slip plate on request; as factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098CM16066M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate 098DG030; * Bolt-down holes closed

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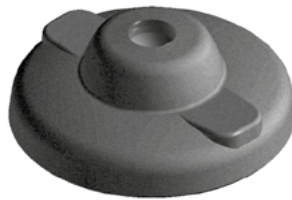
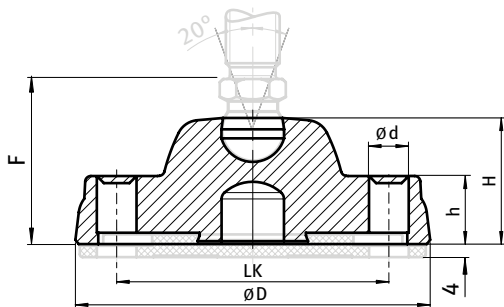


Version	Base	D [mm]	LK [mm]	Max. Load [kg]	F [mm]	Weight [g]	Part #
without anti-slip plate	80	79	55	900	38.5	54.0	098C080KB
	*80	79	55	900	38.5	54.8	098C080KBZ
	100	99	74	900	38.5	72.0	098C100KB
	*100	99	74	900	38.5	87.0	098C100KBZ
with Anti-slip plate	80	79	55	900	38.5	77.0	098C080KBG
	*80	79	55	900	38.5	77.8	098C080KBZG
	100	99	74	900	38.5	109.0	098C100KBG
	*100	99	74	900	38.5	124.0	098C100KBZG

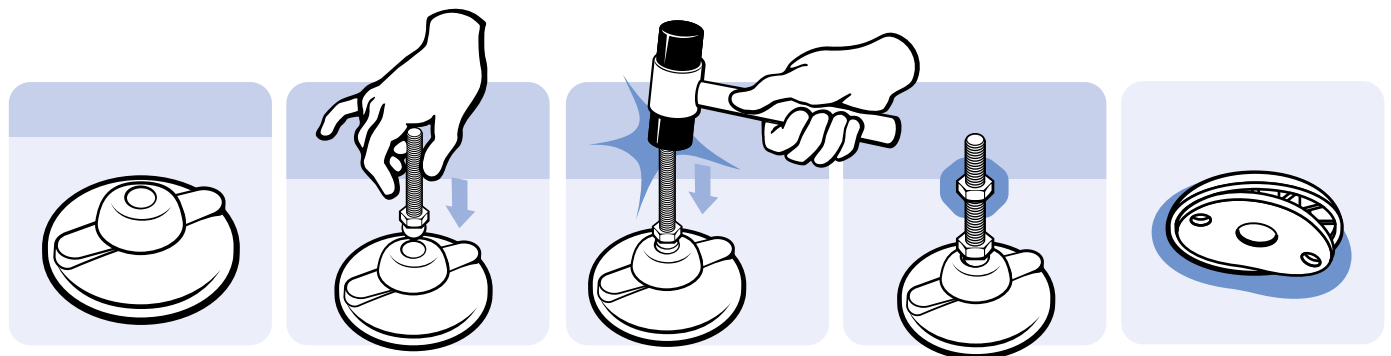


**BASE PA BDH FOR HEAVY-DUTY SWIVEL FEET, BALL JOINT 22**

<b>MODEL</b>	Plastic PA, with bolt-down holes
<b>DESCRIPTION</b>	A swiveling leveling foot for a strong positioning Of heavy machinery on uneven floors
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, bolt-on or glued anti-slip plate on request; as factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098CM16066M et sq., Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate 098AG125B

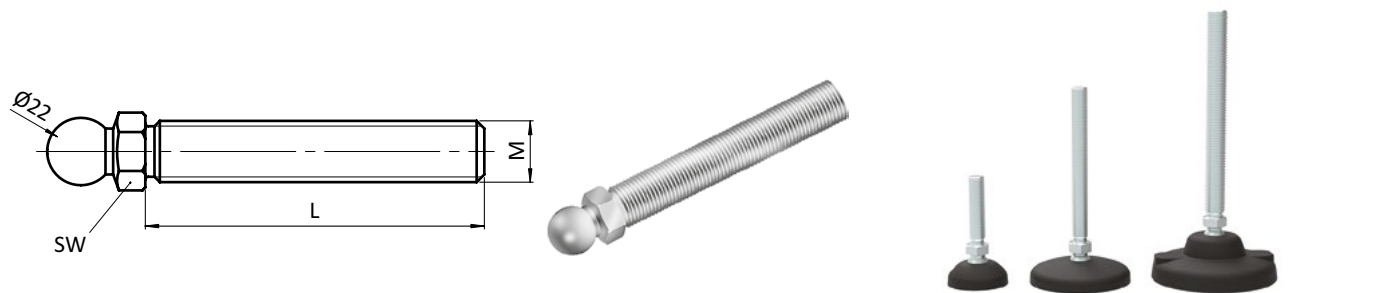


Version	Base D [mm]	d [mm]	H [mm]	LK [mm]	Max. Load [kg]	h [mm]	F [mm]	Weight [g]	Part #
without anti-slip plate	125	125	13.4	44	1800	24	61.5	239.0	<a href="#">098CK125KBZ</a>
	175	175	17.0	46	2500	22	63.5	343.0	<a href="#">098CK175KBZ</a>
with Anti-slip plate	125	125	13.4	44	1800	24	61.5	327.0	<a href="#">098CK125KBZG</a>
	175	175	17.0	46	2500	22	63.5	565.0	<a href="#">098CK175KBZG</a>



**THREADED ROD ST FOR SWIVEL FEET, BALL JOINT 22**

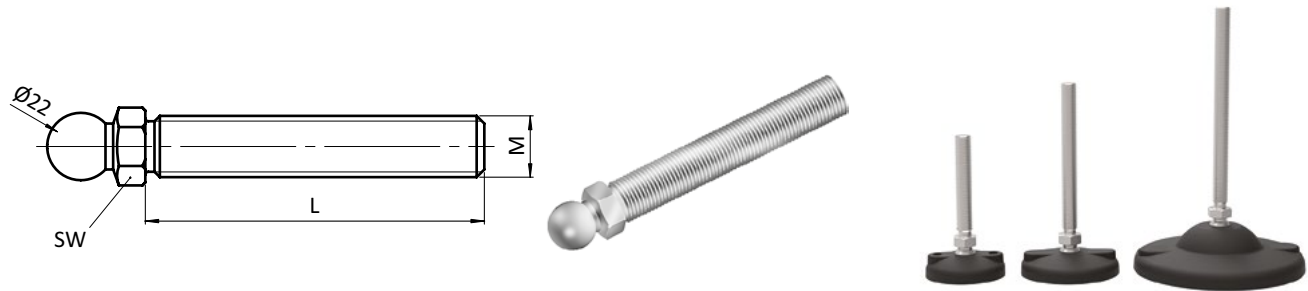
<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	Threaded rod for swiveling leveling feet, ball joint 22
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>BALL JOINT</b>	Swiveling range $\pm 20^\circ$
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other lengths and sizes on request



Material	M x L [mm]	SW [mm]	Max. Load [kg]	Weight [g]	Part #
Steel	M16 x 66	22	1450	112.0	<a href="#">098CM16066M</a>
	M16 x 100	22	1450	156.0	<a href="#">098CM16100M</a>
	M16 x 125	22	1450	190.0	<a href="#">098CM16125M</a>
	M16 x 150	22	1450	222.0	<a href="#">098CM16150M</a>
	M16 x 200	22	1450	285.0	<a href="#">098CM16200M</a>
	M20 x 100	22	2430	237.0	<a href="#">098CM20100M</a>
	M20 x 125	22	2430	297.0	<a href="#">098CM20125M</a>
	M20 x 150	22	2430	341.0	<a href="#">098CM20150M</a>
	M20 x 200	22	2430	447.0	<a href="#">098CM20200M</a>
	M20 x 250	22	2430	551.0	<a href="#">098CM20250M</a>
	M24 x 100	24	3610	336.0	<a href="#">098CM24100M</a>
	M24 x 150	24	3610	483.0	<a href="#">098CM24150M</a>
	M30 x 100	24	5770	512.0	<a href="#">098CM30100M</a>
	M30 x 150	24	5770	744.0	<a href="#">098CM30150M</a>
	M30 x 200	24	5770	976.0	<a href="#">098CM30200M</a>
M30 x 250	24	5770	1115.0	<a href="#">098CM30250M</a>	

**THREADED ROD SS FOR SWIVEL FEET, BALL JOINT 22**

<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	Threaded rod for swiveling leveling feet, ball joint 22
<b>MATERIAL</b>	Stainless steel SS304
<b>SURFACE</b>	Plain
<b>BALL JOINT</b>	Swiveling range $\pm 20^\circ$
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other lengths and sizes on request



Material	M x L [mm]	SW [mm]	Max. Load [kg]	Weight [g]	Part #
Stainless steel	M16 x 100	22	1450	156.0	<a href="#">098CM16100E</a>
	M16 x 125	22	1450	190.0	<a href="#">098CM16125E</a>
	M16 x 150	22	1450	222.0	<a href="#">098CM16150E</a>
	M20 x 85	22	2430	208.0	<a href="#">098CM20085E</a>
	M20 x 100	22	2430	237.0	<a href="#">098CM20100E</a>
	M20 x 125	22	2430	297.0	<a href="#">098CM20125E</a>
	M20 x 150	22	2430	341.0	<a href="#">098CM20150E</a>
	M20 x 200	22	2430	447.0	<a href="#">098CM20200E</a>
	M20 x 250	22	2430	551.0	<a href="#">098CM20250E</a>
	M24 x 100	24	3610	336.0	<a href="#">098CM24100E</a>
	M24 x 150	24	3610	483.0	<a href="#">098CM24150E</a>
	M24 x 250	24	3610	783.0	<a href="#">098CM24250E</a>
	M30 x 100	24	5770	512.0	<a href="#">098CM30100E</a>
	M30 x 150	24	5770	744.0	<a href="#">098CM30150E</a>



**ANTI-SLIP PLATE FOR SWIVEL FEET, BALL JOINT 22**

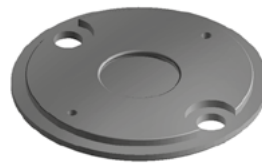
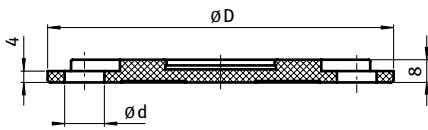
<b>MODEL</b>	For swivel feet, ball joint 15 and ball joint 22
<b>DESCRIPTION</b>	Prevents movement of leveling feet on slippery surfaces and absorbs some vibration
<b>MATERIAL</b>	Thermoplastic elastomer, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>SPECIFICATION</b>	Water and oil resistant (up to 60 °C)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging on request
<b>TIP</b>	* Also for bases with bolt down holes



	for Base	D [mm]	Weight [g]	Part #
	60	50	12	<a href="#">098DG060</a>
	*60	50	12	<a href="#">098DG060B</a>
	80	68	23.0	<a href="#">098DG080</a>
	*80	68	23.0	<a href="#">098DG080B</a>
	*100	87	37.0	<a href="#">098DG100B</a>
	*120	108	60.0	<a href="#">098DG120B</a>

**ANTI-SLIP PLATE FOR HEAVY-DUTY SWIVEL FEET, BALL JOINT 22**

<b>MODEL</b>	For heavy-duty feet
<b>DESCRIPTION</b>	Prevents movement of leveling feet on slippery surfaces and absorbs some vibration
<b>MATERIAL</b>	Thermoplastic elastomer, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>SPECIFICATION</b>	Water and oil resistant (up to 60 °C)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging on request

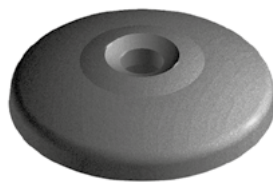
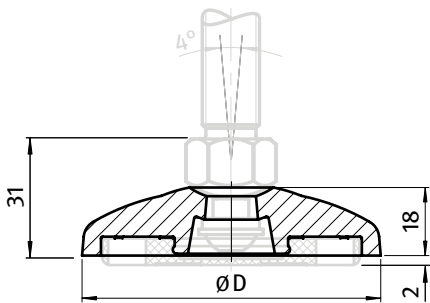


	for Base	D [mm]	d [mm]	Weight [g]	Part #
	125	122	14.0	88.0	<a href="#">098AG125B</a>
	175	174	17.0	222.0	<a href="#">098AG175B</a>

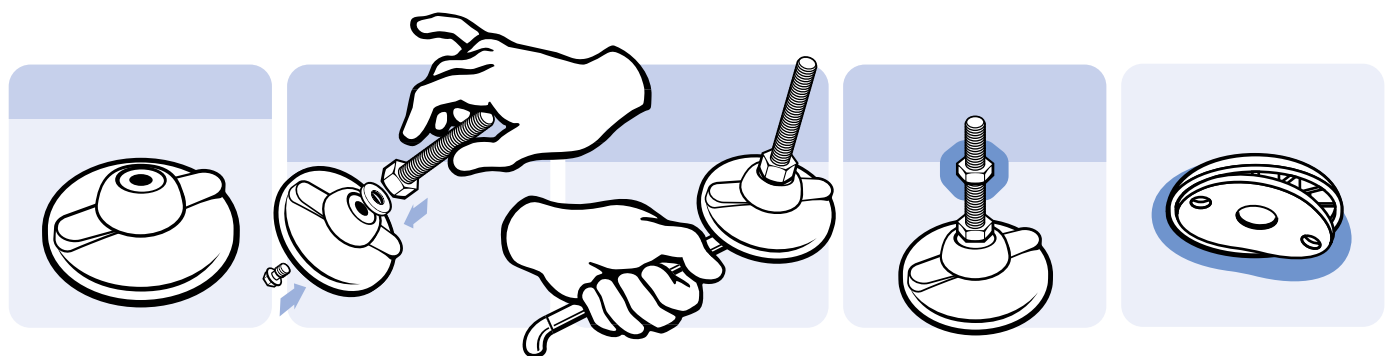
**BASE PA FOR PIVOT FEET**

<b>MODEL</b>	Plastic PA, without bolt-down holes
<b>DESCRIPTION</b>	A leveling foot for strong positioning on slightly uneven floors
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, bolt-on or glued anti-slip plate on request; as factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098AM12066M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-slip Plate 098AG060

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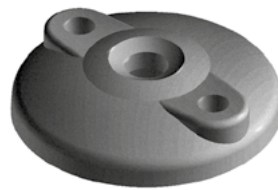
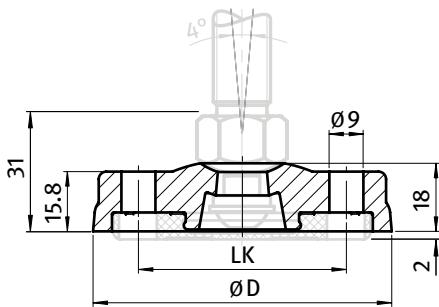


Version	Base D [mm]	D [mm]	Max. Load [kg]	Weight [g]	Part #
without anti-slip plate	50	49	1200	16.5	<a href="#">098A050K</a>
	60	59	1200	27.0	<a href="#">098A060K</a>
	80	79	1200	52.0	<a href="#">098A080K</a>
	100	99	1200	84.0	<a href="#">098A100K</a>
with Anti-slip plate	50	49	1200	23.0	<a href="#">098A050KG</a>
	60	59	1200	39.0	<a href="#">098A060KG</a>
	80	79	1200	75.0	<a href="#">098A080KG</a>
	100	99	1200	121.0	<a href="#">098A100KG</a>

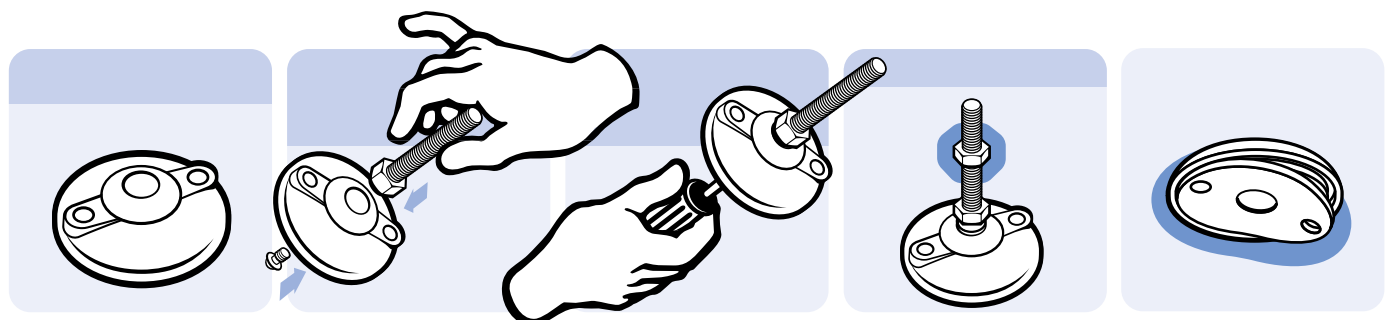


**BASE PA BDH FOR PIVOT FEET**

<b>MODEL</b>	Plastic PA, with bolt-down holes
<b>DESCRIPTION</b>	A leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, bolt-on or glued anti-slip plate on request; as factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098AM12066M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate 098AG050; * Bolt-down holes closed



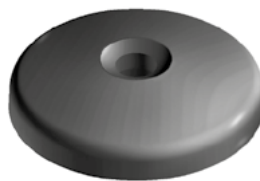
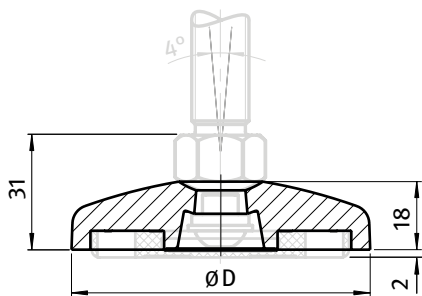
Version	Base	D [mm]	LK [mm]	Max. Load [kg]	Weight [g]	Part #
without anti-slip plate	80	79	55	1200	51.0	<a href="#">098A080KB</a>
	*80	79	55	1200	52.0	<a href="#">098A080KBZ</a>
	100	99	74	1200	85.0	<a href="#">098A100KB</a>
	*100	99	74	1200	87.0	<a href="#">098A100KBZ</a>
with Anti-slip plate	80	79	55	1200	74.0	<a href="#">098A080KBG</a>
	*80	79	55	1200	75.0	<a href="#">098A080KBZG</a>
	100	99	74	1200	122.0	<a href="#">098A100KBG</a>
	*100	99	74	1200	124.0	<a href="#">098A100KBZG</a>



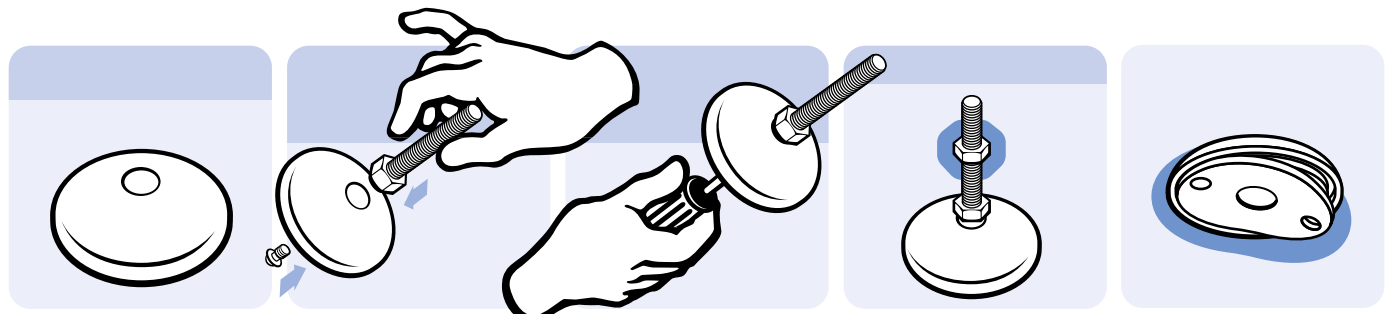
**BASE ZN FOR PIVOT FEET**

<b>MODEL</b>	Zinc die-cast, without bolt-down holes
<b>DESCRIPTION</b>	A leveling foot for strong positioning on slightly uneven floors
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other sizes, other colors, bolt-on or glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098AM12066M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate 098AG050

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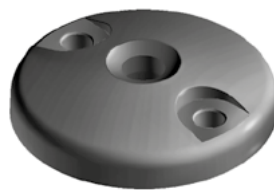
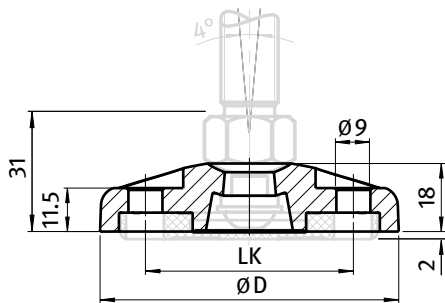


Version	Base	D [mm]	Max. Load [kg]	Weight [g]	Part #
without anti-slip plate	40	39	2000	86.0	<a href="#">098A040ZS</a>
	45	44	2500	110.0	<a href="#">098A045ZS</a>
	50	49	2500	112.0	<a href="#">098A050ZS</a>
	60	59	3500	157.0	<a href="#">098A060ZS</a>
	80	79	3500	300.0	<a href="#">098A080ZS</a>
	100	99	3500	387.0	<a href="#">098A100ZS</a>
	120	119	3500	620.0	<a href="#">098A120ZS</a>
with Anti-slip plate	60	59	3500	169.0	<a href="#">098A060ZSG</a>
	80	79	3500	323.0	<a href="#">098A080ZSG</a>
	100	99	3500	424.0	<a href="#">098A100ZSG</a>
	120	119	3500	680.0	<a href="#">098A120ZSG</a>

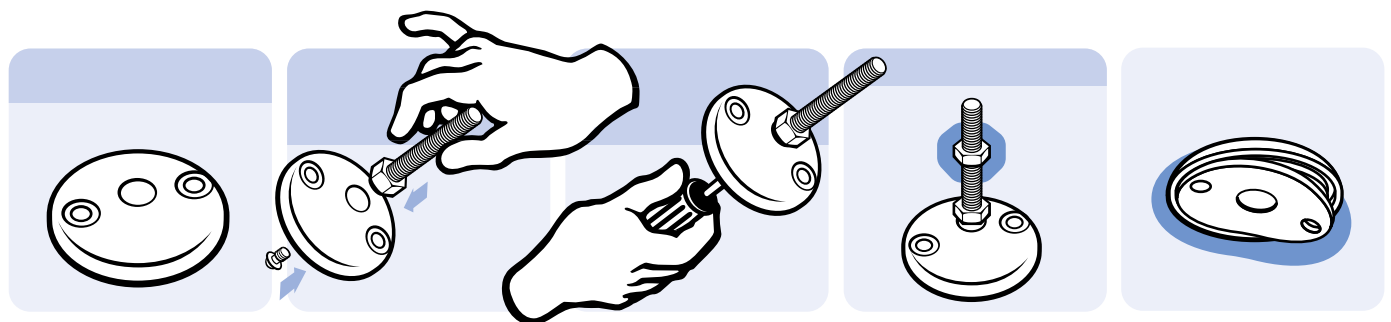


**BASE ZN BDH FOR PIVOT FEET**

<b>MODEL</b>	Zinc die-cast, with bolt-down holes
<b>DESCRIPTION</b>	A leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other sizes, other colors, bolt-on or glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098AM12066M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate 098AG050



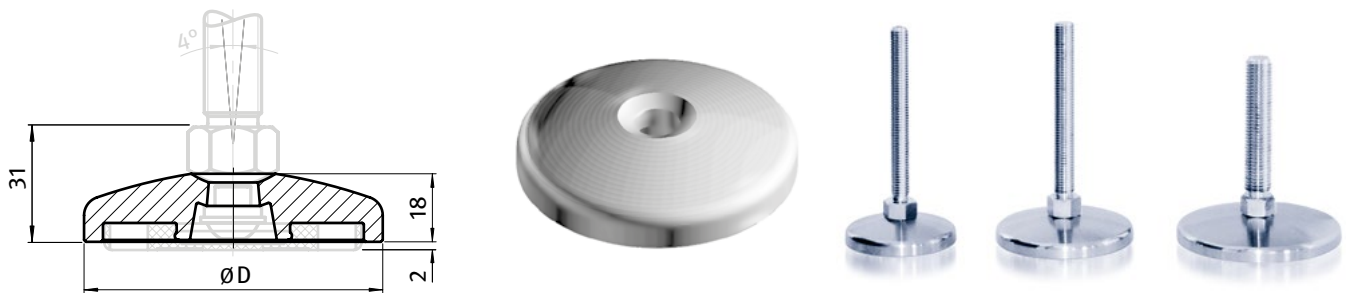
Version	Base	D [mm]	LK [mm]	Max. Load [kg]	Weight [g]	Part #
without anti-slip plate	60	59	40	3000	157.0	<a href="#">098A060ZBS</a>
	80	79	55	3500	256.0	<a href="#">098A080ZBS</a>
	100	99	74	3500	277.0	<a href="#">098A100ZBS</a>
	120	119	94	3500	580.0	<a href="#">098A120ZBS</a>
with Anti-slip plate	60	59	40	3000	169.0	<a href="#">098A060ZBSG</a>
	80	79	55	3500	279.0	<a href="#">098A080ZBSG</a>
	100	99	74	3500	314.0	<a href="#">098A100ZBSG</a>
	120	119	94	3500	640.0	<a href="#">098A120ZBSG</a>



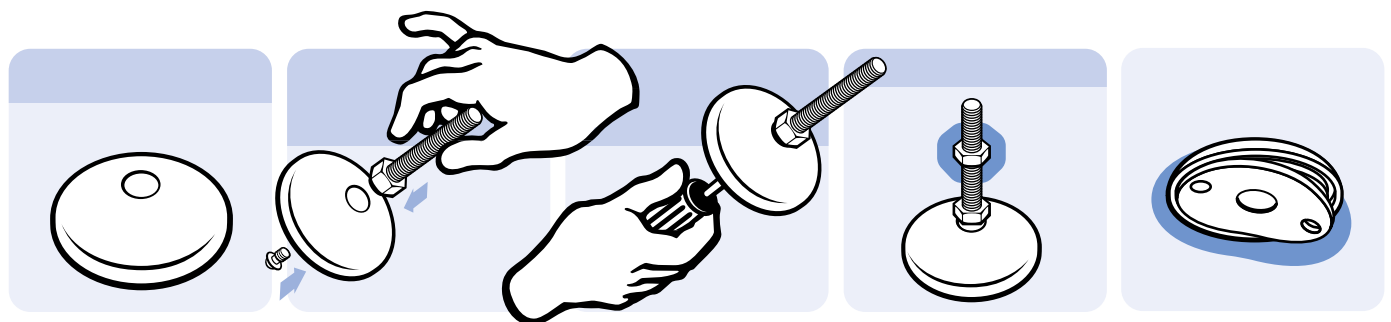
**BASE SS FOR PIVOT FEET**

<b>MODEL</b>	Stainless steel, without bolt-down holes
<b>DESCRIPTION</b>	A leveling foot for strong positioning on slightly uneven floors
<b>MATERIAL</b>	Stainless steel SS303
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other sizes, glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098AM12066E, Compatible Nut see 4DIN439BM5E et sq., Compatible Anti-Slip Plate 098AG050

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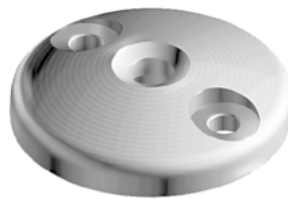
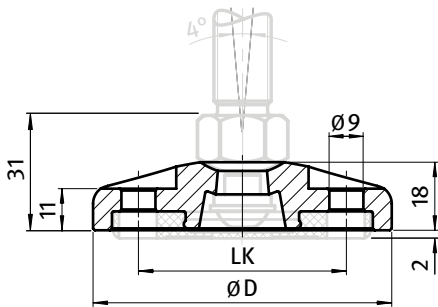


Version	Base	D [mm]	Max. Load [kg]	Weight [g]	Part #
without anti-slip plate	60	59	4500	216.0	<a href="#">098A060E</a>
	80	79	4500	377.0	<a href="#">098A080E</a>
	100	99	4500	640.0	<a href="#">098A100E</a>
	120	119	4500	850.0	<a href="#">098A120E</a>
with Anti-slip plate	60	59	4500	228.0	<a href="#">098A060EG</a>
	80	79	4500	400.0	<a href="#">098A080EG</a>
	100	99	4500	677.0	<a href="#">098A100EG</a>
	120	119	4500	910.0	<a href="#">098A120EG</a>

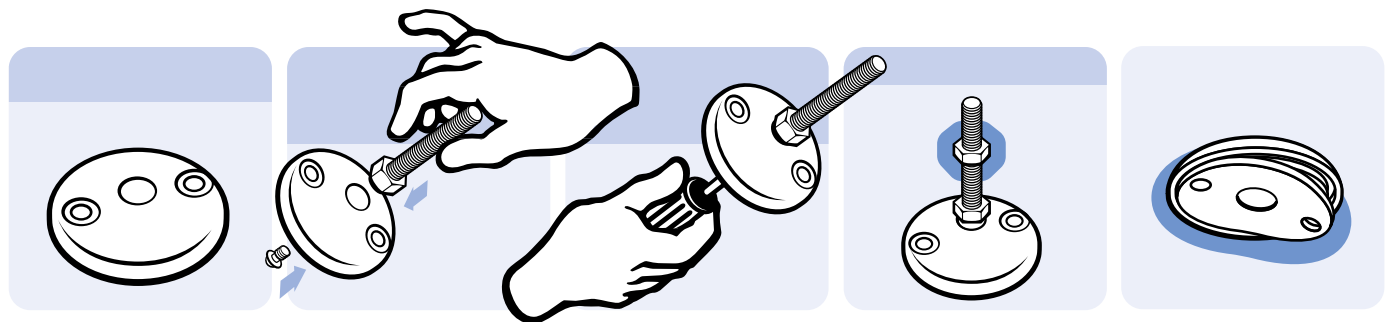


**BASE SS BDH FOR PIVOT FEET**

<b>MODEL</b>	Stainless steel, with bolt-down holes
<b>DESCRIPTION</b>	A leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Stainless steel SS303
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other sizes, glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098AM12066E, Compatible Nut see 4DIN439BM5E et sq., Compatible Anti-Slip Plate 098AG050



Version	Base	D [mm]	LK [mm]	Max. Load [kg]	Weight [g]	Part #
without anti-slip plate	80	79	55	3000	355.0	<a href="#">098A080EB</a>
	100	99	74	3500	828.0	<a href="#">098A100EB</a>
	120	119	94	3500	840.0	<a href="#">098A120EB</a>
with Anti-slip plate	80	79	55	3000	378.0	<a href="#">098A080EBG</a>
	100	99	74	3500	865.0	<a href="#">098A100EBG</a>
	120	119	94	3500	900.0	<a href="#">098A120EBG</a>

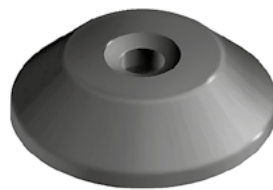
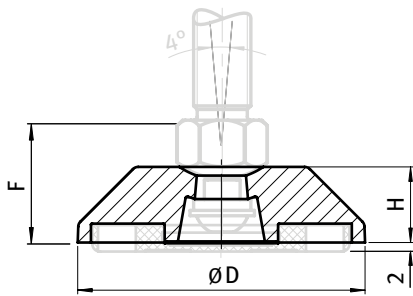




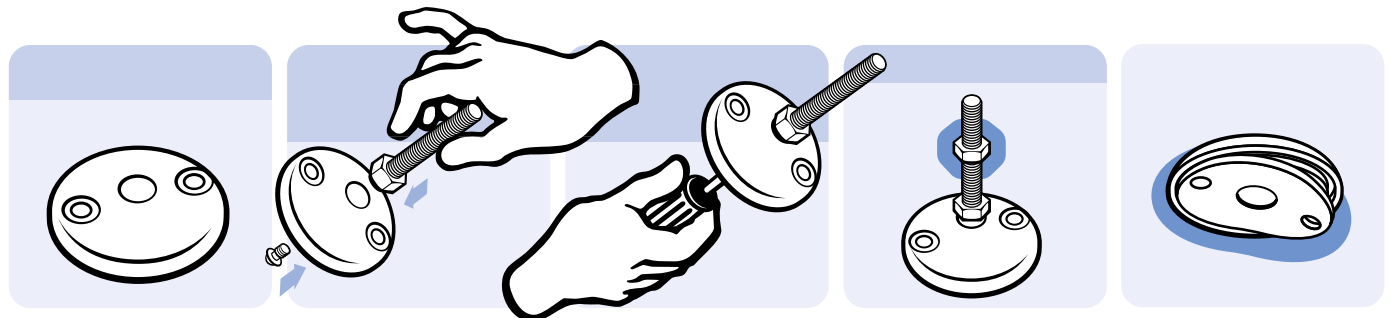
**TRAPEZOID BASE FOR PIVOT FEET, BLACK**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	A leveling foot for strong positioning on slightly uneven floors
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other sizes, glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098AM12066M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate 098AG050

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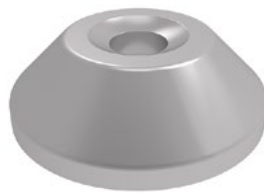
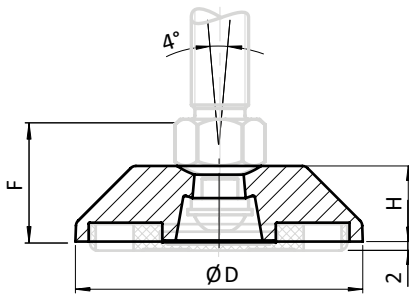


Version	Base	D [mm]	H [mm]	Max. Load [kg]	F [mm]	Weight [g]	Part #
without anti-slip plate	60	59	18	2500	31.0	115.6	<a href="#">098AI060ZS</a>
	80	76	20	3000	33.0	201.3	<a href="#">098AI080ZS</a>
with Anti-slip plate	60	59	18	2500	31.0	127.6	<a href="#">098AI060ZSG</a>
	80	76	20	3000	33.0	224.3	<a href="#">098AI080ZSG</a>

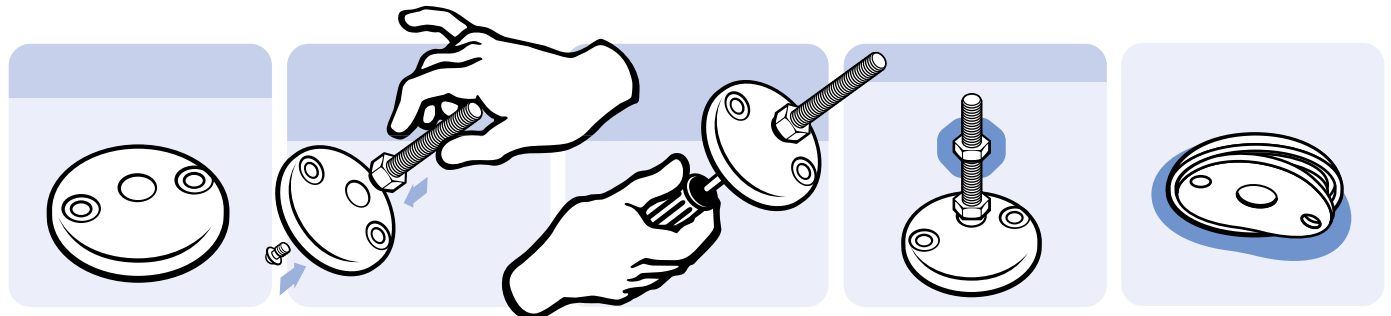


**TRAPEZOID BASE FOR PIVOT FEET, GRAY**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	A leveling foot for strong positioning on slightly uneven floors
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	White aluminum ≈ RAL 9006
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other sizes, glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098AM12066M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate 098AG050



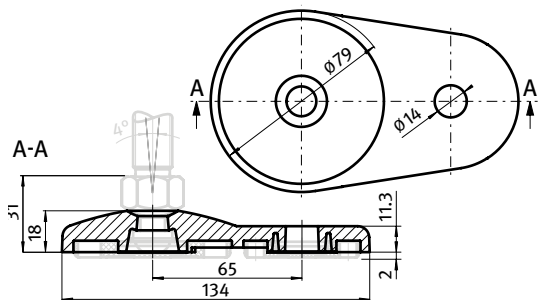
Base	D [mm]	H [mm]	Max. Load [kg]	F [mm]	Weight [g]	Part #
60	59	18	2500	31.0	115.6	098AI060ZA
80	76	20	3000	33.0	201.3	098AI080ZA



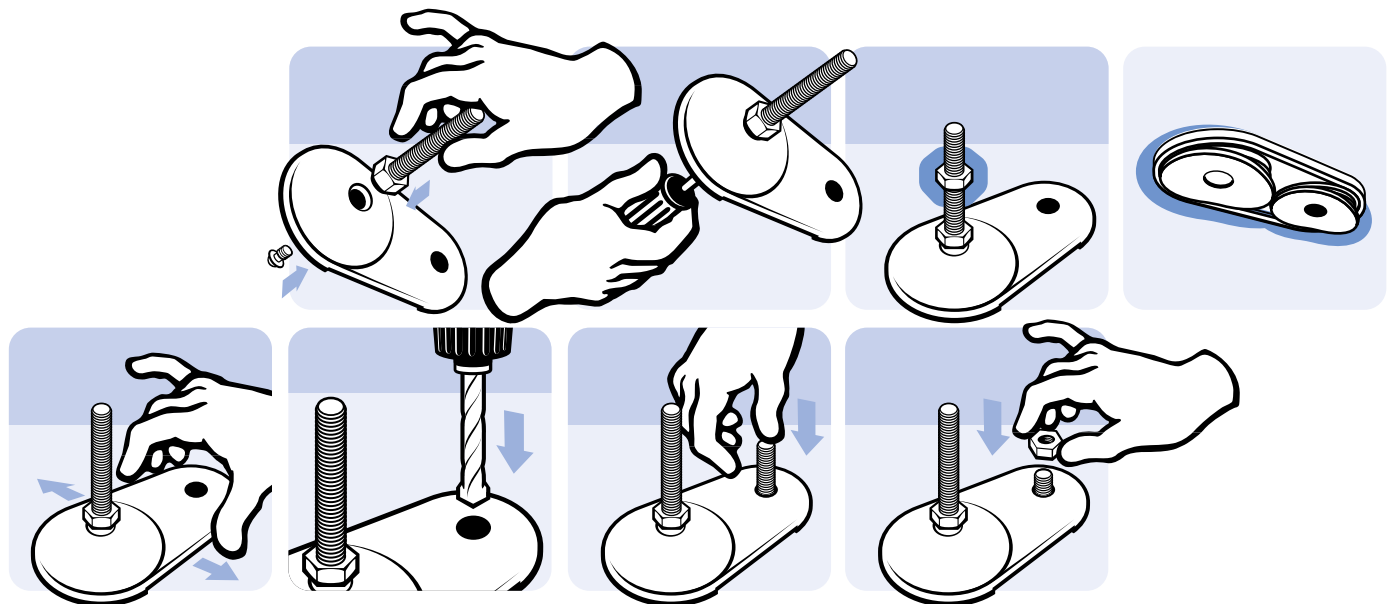
**EXTENDED BASE 80 ZN FOR PIVOT FEET**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	Extended leveling foot which can be fixed to the floor
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other sizes, other colors, screwed or glued anti-slip plate on request; As factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098AM12066M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-Slip Plate 098AG050

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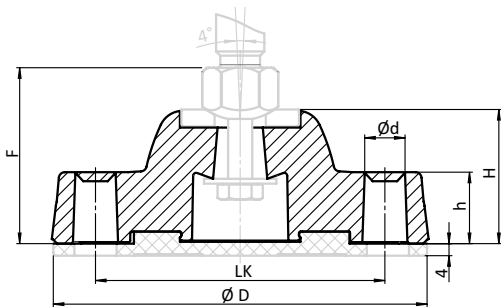


Version	Base	Max. Load [kg]	Weight [g]	Part #
without anti-slip plate	80	3500	400.0	<a href="#">098AA080ZS</a>
with Anti-slip plate	80	3500	423.0	<a href="#">098AA080ZSG</a>

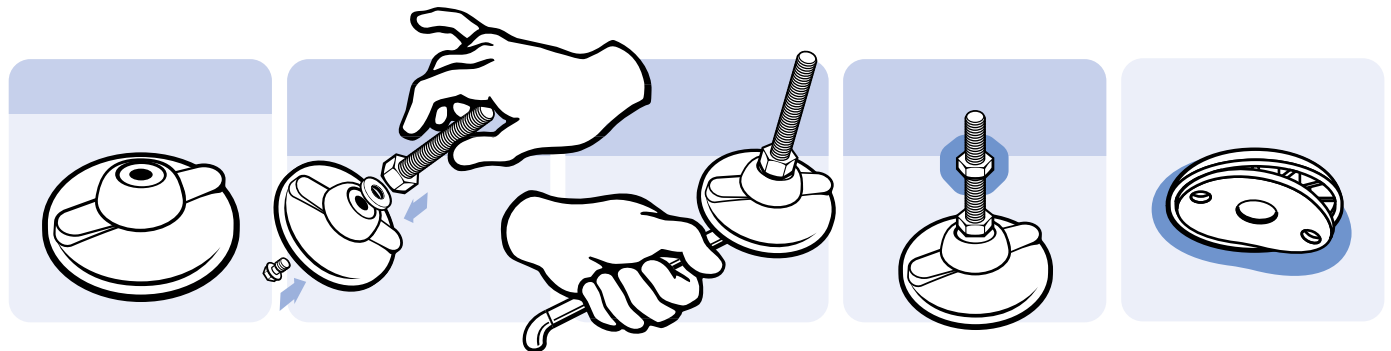


**BASE PA BDH FOR HEAVY-DUTY PIVOT FEET**

<b>MODEL</b>	Plastic PA, with bolt-down holes
<b>DESCRIPTION</b>	A heavy-duty leveling foot for strong positioning on slightly uneven floors
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, bolt-on or glued anti-slip plate on request; as factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098AM12066M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-slip Plate 098AG125B



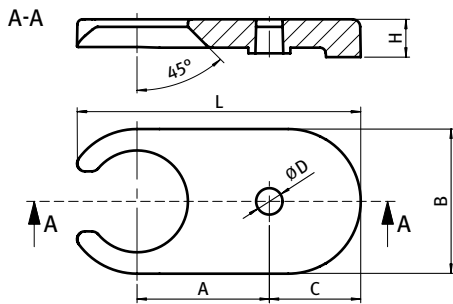
Version	Base D [mm]	d [mm]	H [mm]	LK [mm]	h [mm]	F [mm]	Max. Load [kg]	Weight [g]	Part #
without anti-slip plate	125	125	13.4	44	96	24	1800	234.0	<a href="#">098AK125KBZ</a>
	175	175	17.0	45	135	22	2500	344.0	<a href="#">098AK175KBZ</a>
with Anti-slip plate	125	125	13.4	44	96	24	1800	322.0	<a href="#">098AK125KBZG</a>
	175	175	17.0	45	135	22	2500	566.0	<a href="#">098AK175KBZG</a>



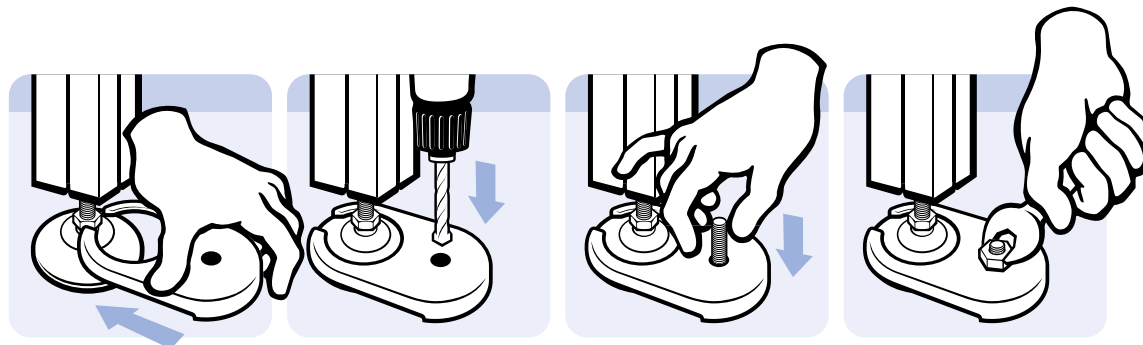
**FLOOR MOUNTING FOR BASE OF TRAPEZOID FOOT**

<b>MODEL</b>	For trapezoid base
<b>DESCRIPTION</b>	To securely fix the trapezoid leveling foot to the floor - can be mounted afterward
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Trapezoid Base see 098DI060ZS and 098AI060ZS

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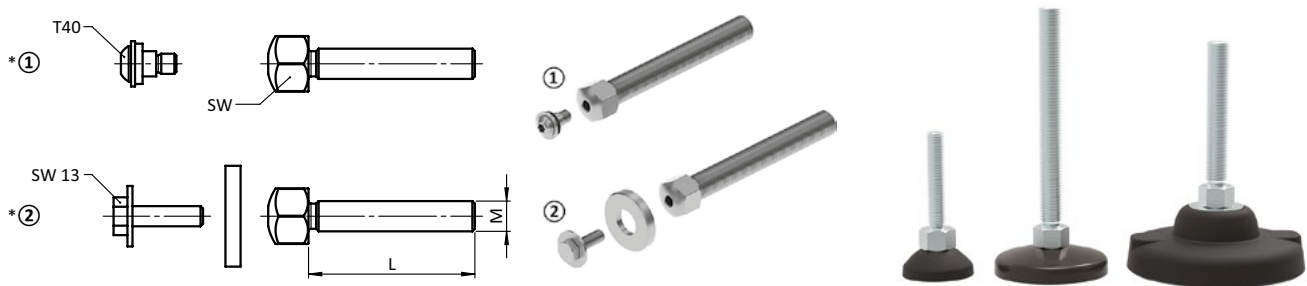


for Base	A [mm]	D [mm]	B [mm]	H [mm]	L [mm]	C [mm]	Weight [g]	Profile	Part #
60	50.0	12.0	56.0	18.0	110.0	38.0	240.5	I	<a href="#">098BI060ZS</a>
80	70.0	14.0	76.5	20.0	150.0	48.0	502.4	I	<a href="#">098BI080ZS</a>



**THREADED ROD ST METRIC FOR PIVOT FEET**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	Threaded rod for pivot leveling feet
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SCREW JOINT</b>	Swiveling range $\pm 4^\circ$
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other lengths and sizes on request
<b>TIP</b>	*1. For pivot feet: Assembly set 098XAMS03 included *2. For heavy-duty pivot feet: Assembly set 098XAKM included



Material	M x L [mm]	SW [mm]	Max. Load [kg]	Weight [g]	Part #
Steel	M12 x 66	22	770	70.0	<a href="#">098AM12066M</a>
	M12 x 100	22	770	94.0	<a href="#">098AM12100M</a>
	M12 x 125	22	770	127.0	<a href="#">098AM12125M</a>
	M12 x 150	22	770	130.0	<a href="#">098AM12150M</a>
	M16 x 66	22	1450	112.0	<a href="#">098AM16066M</a>
	M16 x 100	22	1450	152.0	<a href="#">098AM16100M</a>
	M16 x 125	22	1450	173.0	<a href="#">098AM16125M</a>
	M16 x 150	22	1450	235.0	<a href="#">098AM16150M</a>
	M16 x 200	22	1450	315.0	<a href="#">098AM16200M</a>
	M16 x 250	22	1450	394.0	<a href="#">098AM16250M</a>
	M20 x 100	22	2430	237.0	<a href="#">098AM20100M</a>
	M20 x 125	22	2430	255.0	<a href="#">098AM20125M</a>
	M20 x 150	22	2430	341.0	<a href="#">098AM20150M</a>
	M20 x 200	22	2430	447.0	<a href="#">098AM20200M</a>
	M20 x 250	22	2430	542.0	<a href="#">098AM20250M</a>
	M24 x 100	24	3610	342.0	<a href="#">098AM24100M</a>
	M24 x 150	24	3610	477.0	<a href="#">098AM24150M</a>
	M24 x 200	24	3610	631.0	<a href="#">098AM24200M</a>
	M24 x 300	24	3610	947.0	<a href="#">098AM24300M</a>
	M30 x 100	24	5770	512.0	<a href="#">098AM30100M</a>
M30 x 150	24	5770	744.0	<a href="#">098AM30150M</a>	
M30 x 200	24	5770	976.0	<a href="#">098AM30200M</a>	

**THREADED ROD SS METRIC FOR PIVOT FEET**

<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	Threaded rod for pivot leveling feet
<b>MATERIAL</b>	Stainless steel SS303
<b>SURFACE</b>	Plain
<b>SCREW JOINT</b>	Swiveling range $\pm 4^\circ$
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other lengths and sizes on request
<b>TIP</b>	*1. For pivot feet: Assembly set 098XAES03 included *2. For heavy-duty pivot feet: Assembly set or 098XAKE included

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Material	M x L [mm]	SW [mm]	Max. Load [kg]	Weight [g]	Part #
Stainless steel	M12 x 66	22	770	70.0	<a href="#">098AM12066E</a>
	M12 x 100	22	770	94.0	<a href="#">098AM12100E</a>
	M12 x 125	22	770	127.0	<a href="#">098AM12125E</a>
	M12 x 150	22	770	130.0	<a href="#">098AM12150E</a>
	M16 x 66	22	1450	112.0	<a href="#">098AM16066E</a>
	M16 x 100	22	1450	152.0	<a href="#">098AM16100E</a>
	M16 x 125	22	1450	173.0	<a href="#">098AM16125E</a>
	M16 x 150	22	1450	235.0	<a href="#">098AM16150E</a>
	M16 x 200	22	1450	315.0	<a href="#">098AM16200E</a>
	M16 x 250	22	1450	394.0	<a href="#">098AM16250E</a>
	M20 x 100	22	2430	237.0	<a href="#">098AM20100E</a>
	M20 x 125	22	2430	255.0	<a href="#">098AM20125E</a>
	M20 x 150	22	2430	341.0	<a href="#">098AM20150E</a>
	M20 x 200	22	2430	447.0	<a href="#">098AM20200E</a>
	M20 x 250	22	2430	542.0	<a href="#">098AM20250E</a>
	M24 x 150	24	3610	477.0	<a href="#">098AM24150E</a>
	M24 x 200	24	3610	631.0	<a href="#">098AM24200E</a>
	M24 x 300	24	3610	947.0	<a href="#">098AM24300E</a>
	M30 x 150	24	5770	744.0	<a href="#">098AM30150E</a>
M30 x 200	24	5770	976.0	<a href="#">098AM30200E</a>	

**ANTI-SLIP PLATE FOR PIVOT FEET**

<b>MODEL</b>	For pivot feet
<b>DESCRIPTION</b>	Prevents movement of leveling feet on slippery surfaces and absorbs some vibration
<b>MATERIAL</b>	Thermoplastic elastomer, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>SPECIFICATION</b>	Water and oil resistant (up to 60 °C)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging on request
<b>TIP</b>	* Also for bases with bolt down holes

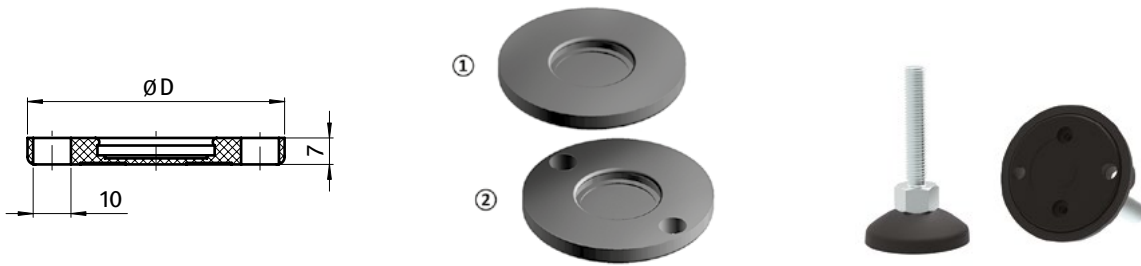


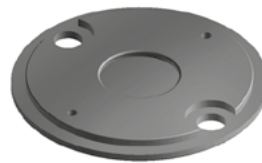
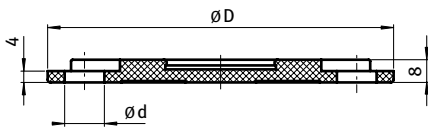
Fig.	Version	for Base	D [mm]	Weight [g]	Part #
①		50	41	6.5	<a href="#">098AG050</a>
①		60	49	12	<a href="#">098AG060</a>
②		*60	49	12	<a href="#">098AG060B</a>
	With central Ø 15 mm bore	60	49	6.5	<a href="#">098AG060S01</a>
①		80	68	23.0	<a href="#">098AG080</a>
②		*80	68	23.0	<a href="#">098AG080B</a>
②		*100	87	37.0	<a href="#">098AG100B</a>
②		*120	107	60.0	<a href="#">098AG120B</a>



**ANTI-SLIP PLATE FOR HEAVY-DUTY PIVOT FEET**

<b>MODEL</b>	For heavy-duty feet
<b>DESCRIPTION</b>	Prevents movement of leveling feet on slippery surfaces and absorbs some vibration
<b>MATERIAL</b>	Thermoplastic elastomer, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>SPECIFICATION</b>	Water and oil resistant (up to 60 °C)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging on request

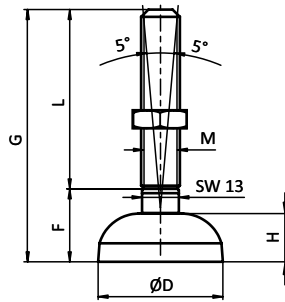
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	for Base	D [mm]	d [mm]	Weight [g]	Part #
	125	122	14.0	88.0	<a href="#">098AG125B</a>
	175	174	17.0	222.0	<a href="#">098AG175B</a>

**BELL FEET**

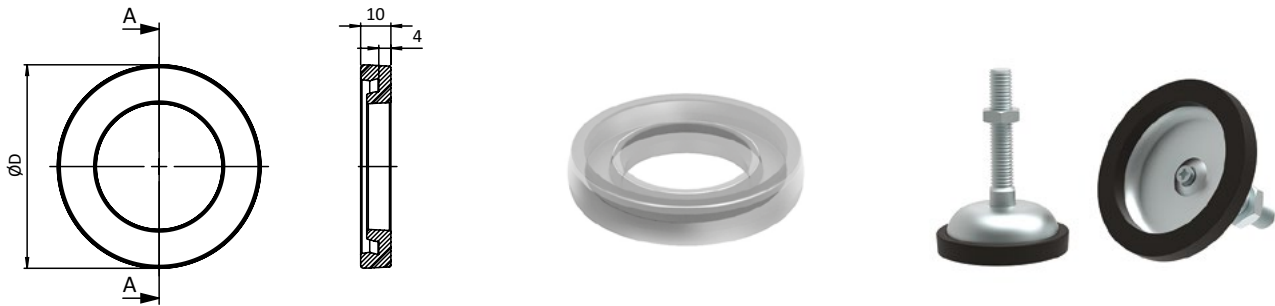
<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	A leveling foot for slightly uneven floors, ESD electrostatical discharging, with nut DIN 439 (ISO 4035) form B; Factory assembled
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Anti-Slip Plate see 098ABG045



Base	D [mm]	H [mm]	L [mm]	Max. Load [kg]	F [mm]	M x G [mm]	Weight [g]	Profile	Part #
45	44	17.0	59.3	1000	25.7	M12 x 85	151.0	B	<a href="#">9AB045M12085MN</a>
45	44	17.0	134.3	1000	25.7	M12 x 160	190.0	B	<a href="#">9AB045M12160MN</a>
45	44	17.0	118.0	1000	27.0	M16 x 145	273.0	B	<a href="#">9AB045M16145MN</a>
60	58	20.0	59.5	1000	28.5	M12 x 88	186.0	B	<a href="#">9AB060M12085MN</a>
90	90	20.0	55.5	2000	29.5	M16 x 85	423.0	B	<a href="#">9AB090M16085MN</a>
90	90	20.0	115.5	2000	29.5	M16 x 145	494.0	B	<a href="#">9AB090M16145MN</a>
90	90	20.0	170.5	2000	29.5	M16 x 200	567.0	B	<a href="#">9AB090M16200MN</a>

**ANTI-SLIP PLATE FOR BELL FEET**

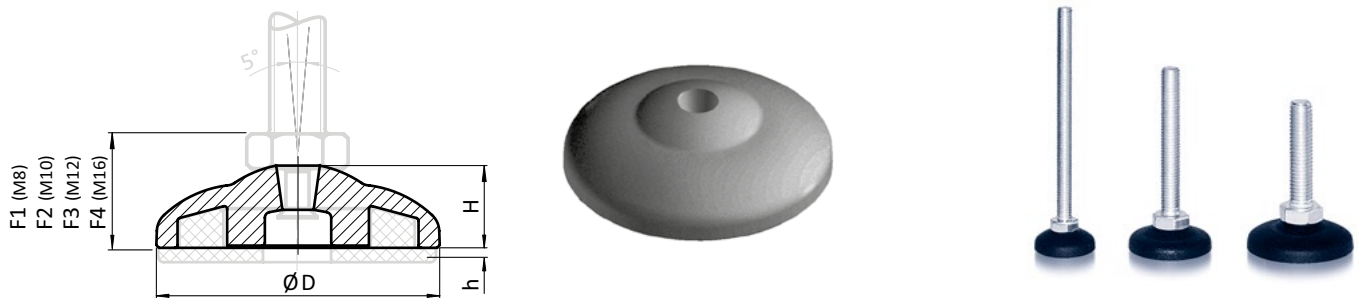
<b>MODEL</b>	For pivot feet – bell
<b>DESCRIPTION</b>	Prevents movement of leveling feet on slippery surfaces and absorbs some vibration
<b>MATERIAL</b>	Polyurethane, ≈ 70 - 80 Shore A
<b>COLOR</b>	Opaque, black
<b>SPECIFICATION</b>	Water and oil resistant (up to 60 °C)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request



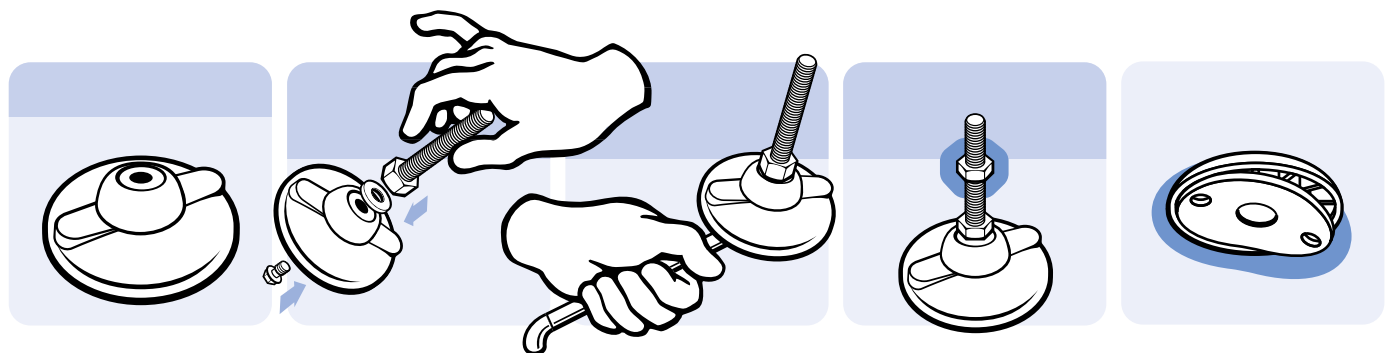
Version	for Base	ESD	D [mm]	Weight [g]	Part #
Opaque	45		52.0	13.0	<a href="#">098ABG045</a>
	60		67.3	20.0	<a href="#">098ABG060</a>
	90		97.3	29.0	<a href="#">098ABG090</a>
Black	45	ESD electrostatical discharging	52.0	13.0	<a href="#">098ABG045S01</a>
	60	ESD electrostatical discharging	67.3	20.5	<a href="#">098ABG060S01</a>
	90	ESD electrostatical discharging	97.3	30.0	<a href="#">098ABG090S01</a>

**BASE PA FOR ECO FEET**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Economical leveling foot for strong positioning on slightly uneven floors
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, glued anti-slip plate on request
<b>TIP</b>	Compatible Threaded Rod see 098EM08025M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-slip-Plate see 098EG030; (ECO feet are provided factory assembled)



Version	Base D [mm]	H [mm]	Max. Load [kg]	h [mm]	F1 [mm]	F2 [mm]	F3 [mm]	F4 [mm]	Weight [g]	Part #	
without anti-slip plate	30	29	11.5	1500	2.0	16.0	16.5	17.5	20.0	5.0	098E030K
	40	39	12.0	1500	2.5	16.5	17.0	18.0	20.5	8.0	098E040K
	50	50	15.3	1500	3.0	19.8	20.3	21.3	23.8	16.0	098E050K
with Anti-slip plate	30	29	11.5	1500	2.0	16.0	16.5	17.5	20.0	9.0	098E030KG
	40	39	12.0	1500	2.5	16.5	17.0	18.0	20.5	14.0	098E040KG
	50	50	15.3	1500	3.0	19.8	20.3	21.3	23.8	26.0	098E050KG



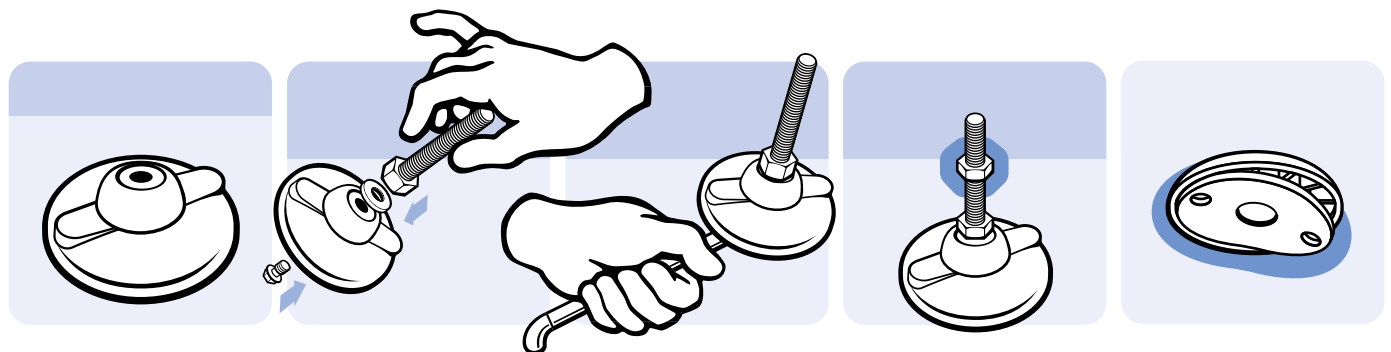
BASE ZN FOR ECO FEET

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	Economical leveling foot for strong positioning on slightly uneven floors
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated / zinc plated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other surfaces, other sizes, other colors, glued anti-slip plate on request
<b>TIP</b>	Compatible Threaded Rod see 098EM08025M, Compatible Nut see 4DIN439BM5M et sq., Compatible Anti-slip-Plate see 098EG030; (ECO feet are provided factory assembled)

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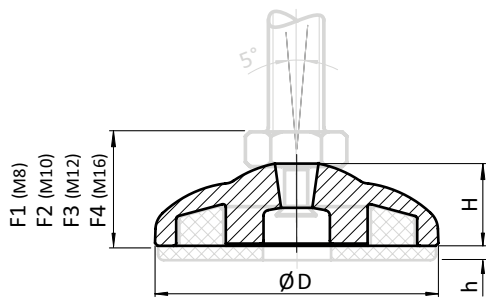


Version	Base	D [mm]	H [mm]	Max. Load [kg]	h [mm]	F1 [mm]	F2 [mm]	F3 [mm]	F4 [mm]	Weight [g]	Part #
without anti-slip plate	30	29	11.5	1600	2.0	16.0	16.5	17.5	20.0	20.0	<a href="#">098E030ZV</a>
	40	39	12.0	1800	2.5	16.5	17.0	18.0	20.5	38.0	<a href="#">098E040ZS</a>
	40	39	12.0	1800	2.5	16.5	17.0	18.0	20.5	38.0	<a href="#">098E040ZV</a>
	50	50	14.5	2000	3.0	19.0	19.5	20.5	23.0	60.0	<a href="#">098E050ZS</a>
	50	50	14.5	2000	3.0	19.0	19.5	20.5	23.0	60.0	<a href="#">098E050ZV</a>
with Anti-slip plate	30	29	11.5	1600	2.0	16.0	16.5	17.5	20.0	24.0	<a href="#">098E030ZVG</a>
	40	39	12.0	1800	2.5	16.5	17.0	18.0	20.5	44.0	<a href="#">098E040ZVG</a>
	50	50	14.5	2000	3.0	19.0	19.5	20.5	23.0	70.0	<a href="#">098E050ZSG</a>
	50	50	14.5	2000	3.0	19.0	19.5	20.5	23.0	70.0	<a href="#">098E050ZVG</a>

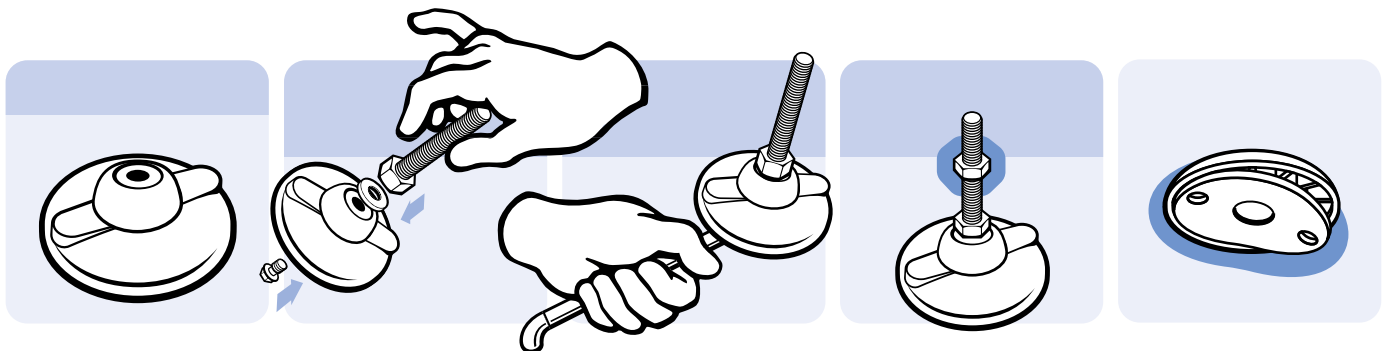


**BASE SS FOR ECO FEET**

<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	Economical leveling foot for strong positioning on slightly uneven floors
<b>MATERIAL</b>	Stainless steel SS316
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other sizes, glued anti-slip plate on request
<b>TIP</b>	Compatible Threaded Rod see 098EM08025E, Compatible Nut see 4DIN439BM5E et sq., Compatible Anti-Slip-Plate see 098EG030; (ECO feet are provided factory assembled)



Version	Base D [mm]	H [mm]	Max. Load [kg]	h [mm]	F1 [mm]	F2 [mm]	F3 [mm]	F4 [mm]	Weight [g]	Part #
without anti-slip plate	30	29	2200	2.0	16.0	16.5	17.5	20.0	20.0	098E030E
	40	39	2400	2.5	16.5	17.0	18.0	20.5	38.0	098E040E
	50	50	2600	3.0	19.0	19.5	20.5	23.0	60.0	098E050E
with Anti-slip plate	30	29	2200	2.0	16.0	16.5	17.5	20.0	24.0	098E030EG
	40	39	2400	2.5	16.5	17.0	18.0	20.5	44.0	098E040EG
	50	50	2600	3.0	19.0	19.5	20.5	23.0	70.0	098E050EG



**THREADED ROD ST FOR ECO-FEET**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	Threaded Rod for ECO Feet
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SCREW JOINT</b>	Swiveling range $\pm 5^\circ$
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other lengths and sizes on request
<b>TIP</b>	Mounting pin 098XEE included (ECO feet are provided factory assembled)

1



Material	M x L [mm]	SW [mm]	Max. Load [kg]	K [mm]	Weight [g]	Part #
Steel	M8 x 25	13	350	5.3	12.0	<a href="#">098EM08025M</a>
	M8 x 40	13	350	5.3	17.0	<a href="#">098EM08040M</a>
	M8 x 50	13	350	5.3	20.0	<a href="#">098EM08050M</a>
	M8 x 70	13	350	5.3	26.0	<a href="#">098EM08070M</a>
	M8 x 80	13	350	5.3	29.0	<a href="#">098EM08080M</a>
	M8 x 100	13	350	5.3	35.0	<a href="#">098EM08100M</a>
	M8 x 120	13	350	5.3	44.0	<a href="#">098EM08120M</a>
	M10 x 25	17	470	6.4	22.0	<a href="#">098EM10025M</a>
	M10 x 40	17	470	6.4	30.0	<a href="#">098EM10040M</a>
	M10 x 50	17	470	6.4	35.0	<a href="#">098EM10050M</a>
	M10 x 70	17	470	6.4	44.0	<a href="#">098EM10070M</a>
	M10 x 80	17	470	6.4	49.0	<a href="#">098EM10080M</a>
	M10 x 100	17	470	6.4	58.0	<a href="#">098EM10100M</a>
	M10 x 120	17	470	6.4	69.0	<a href="#">098EM10120M</a>
	M12 x 25	19	770	7.5	34.0	<a href="#">098EM12025M</a>
	M12 x 40	19	770	7.5	44.0	<a href="#">098EM12040M</a>
	M12 x 50	19	770	7.5	51.0	<a href="#">098EM12050M</a>
	M12 x 70	19	770	7.5	65.0	<a href="#">098EM12070M</a>
	M12 x 80	19	770	7.5	72.0	<a href="#">098EM12080M</a>
	M12 x 100	19	770	7.5	86.0	<a href="#">098EM12100M</a>
M12 x 120	19	770	7.5	100.0	<a href="#">098EM12120M</a>	
M16 x 40	24	1450	10.0	87.0	<a href="#">098EM16040M</a>	
M16 x 50	24	1450	10.0	99.0	<a href="#">098EM16050M</a>	
M16 x 70	24	1450	10.0	123.0	<a href="#">098EM16070M</a>	
M16 x 100	24	1450	10.0	165.0	<a href="#">098EM16100M</a>	
M16 x 150	24	1450	10.0	231.0	<a href="#">098EM16150M</a>	

**THREADED ROD SS FOR ECO-FEET**

<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	Threaded Rod for ECO Feet
<b>MATERIAL</b>	Stainless steel SS305
<b>SURFACE</b>	Plain
<b>SCREW JOINT</b>	Swiveling range $\pm 5^\circ$
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other lengths and sizes on request
<b>TIP</b>	Mounting pin 098XEE included (ECO feet are provided factory assembled)

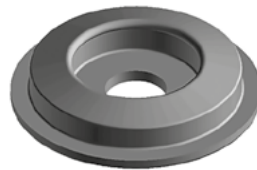
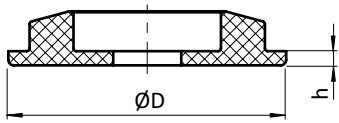


Material	M x L [mm]	SW [mm]	Max. Load [kg]	K [mm]	Weight [g]	Part #
Stainless steel	M8 x 25	13	350	5.3	12.0	<a href="#">098EM08025E</a>
	M8 x 40	13	350	5.3	17.0	<a href="#">098EM08040E</a>
	M8 x 50	13	350	5.3	20.0	<a href="#">098EM08050E</a>
	M8 x 70	13	350	5.3	26.0	<a href="#">098EM08070E</a>
	M8 x 80	13	350	5.3	29.0	<a href="#">098EM08080E</a>
	M8 x 100	13	350	5.3	35.0	<a href="#">098EM08100E</a>
	M8 x 120	13	350	5.3	44.0	<a href="#">098EM08120E</a>
	M10 x 25	17	470	6.4	22.0	<a href="#">098EM10025E</a>
	M10 x 40	17	470	6.4	30.0	<a href="#">098EM10040E</a>
	M10 x 50	17	470	6.4	35.0	<a href="#">098EM10050E</a>
	M10 x 70	17	470	6.4	44.0	<a href="#">098EM10070E</a>
	M10 x 80	17	470	6.4	49.0	<a href="#">098EM10080E</a>
	M10 x 100	17	470	6.4	58.0	<a href="#">098EM10100E</a>
	M10 x 120	17	470	6.4	69.0	<a href="#">098EM10120E</a>
	M12 x 50	19	770	7.5	51.0	<a href="#">098EM12050E</a>
	M12 x 70	19	770	7.5	65.0	<a href="#">098EM12070E</a>
M12 x 100	19	770	7.5	86.0	<a href="#">098EM12100E</a>	
M12 x 120	19	770	7.5	100.0	<a href="#">098EM12120E</a>	
M16 x 50	24	1450	10.0	99.0	<a href="#">098EM16050E</a>	
M16 x 70	24	1450	10.0	123.0	<a href="#">098EM16070E</a>	
M16 x 100	24	1450	10.0	165.0	<a href="#">098EM16100E</a>	
M16 x 150	24	1450	10.0	231.0	<a href="#">098EM16150E</a>	



ANTI-SLIP PLATE FOR ECO FEET

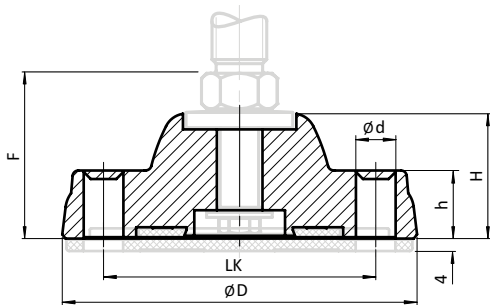
<b>MODEL</b>	For ECO feet
<b>DESCRIPTION</b>	Prevents movement of leveling feet on slippery surfaces and absorbs some vibration
<b>MATERIAL</b>	Thermoplastic elastomer, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>SPECIFICATION</b>	Water and oil resistant (up to 60 °C)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging on request



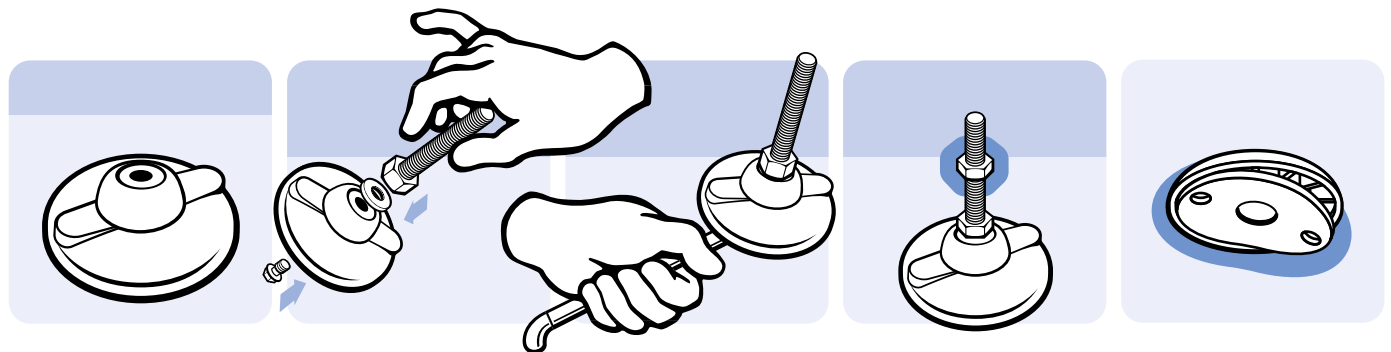
	for Base	D [mm]	h [mm]	Weight [g]	Part #
	30	28	2.0	4.0	<a href="#">098EG030</a>
	40	38	2.5	6.0	<a href="#">098EG040</a>
	50	49	3.0	10.0	<a href="#">098EG050</a>

**BASE PA FOR HEAVY-DUTY FIXED FEET**

<b>MODEL</b>	Plastic PA, with bolt-down holes
<b>DESCRIPTION</b>	Leveling foot for a strong positioning of heavy machinery on the floor
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors, bolt-on or glued anti-slip plate on request; as factory assembled leveling foot on request
<b>TIP</b>	Compatible Threaded Rod see 098KM16100M, Compatible Nut see 4DIN439BM5 et sq. Compatible Anti-Slip Plate see 098AG125B



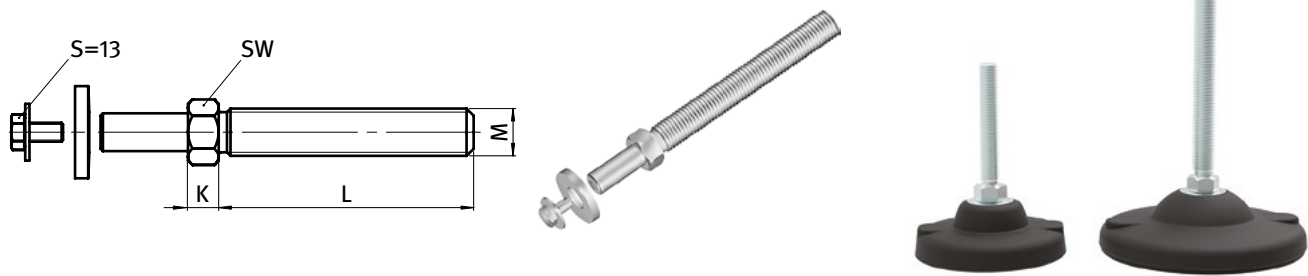
Version	Base D [mm]	d [mm]	H [mm]	LK [mm]	Max. Load [kg]	h [mm]	F [mm]	Weight [g]	Part #
without anti-slip plate	125	125	14	44	1800	24	57.5	250.0	<a href="#">098K125KBZ</a>
	175	175	17	45	2500	22	58.5	350.0	<a href="#">098K175KBZ</a>
with Anti-slip plate	125	125	14	44	1800	24	57.5	338.0	<a href="#">098K125KBZG</a>



**THREADED ROD ST FOR HEAVY-DUTY FIXED FEET**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	Threaded Rod for Heavy-duty Fixed Feet
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SCREW JOINT</b>	Fixed
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other lengths and sizes on request
<b>TIP</b>	Assembly set 098XKM included

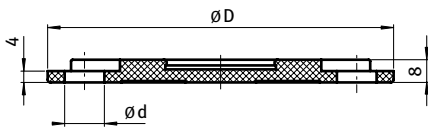
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Material	M x L [mm]	SW [mm]	Max. Load [kg]	K [mm]	Weight [g]	Part #
Steel	M16 x 200	24	1450	12	370.0	<a href="#">098KM16200M</a>
	M20 x 150	24	2430	12	400.0	<a href="#">098KM20150M</a>
	M20 x 200	24	2430	12	521.0	<a href="#">098KM20200M</a>
	M30 x 150	24	5770	12	818.0	<a href="#">098KM30150M</a>

**ANTI-SLIP PLATE FOR HEAVY-DUTY FIXED FEET**

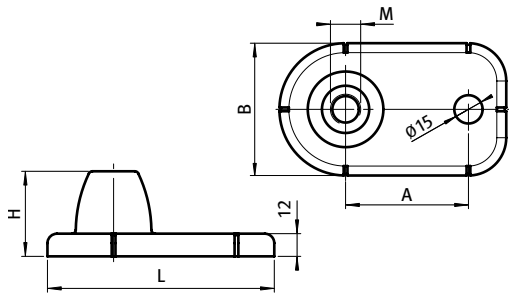
<b>MODEL</b>	For heavy-duty feet
<b>DESCRIPTION</b>	Prevents movement of leveling feet on slippery surfaces and absorbs some vibration
<b>MATERIAL</b>	Thermoplastic elastomer, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>SPECIFICATION</b>	Water and oil resistant (up to 60 °C)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging on request



	for Base	D [mm]	d [mm]	Weight [g]	Part #
	125	122	14.0	88.0	<a href="#">098AG125B</a>
	175	174	17.0	222.0	<a href="#">098AG175B</a>

**BASE FOR DUCK FEET M16**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	A strong and cost efficient leveling foot commonly used for conveyor systems
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Cover Caps see 098F01, please use 1 piece out of this set

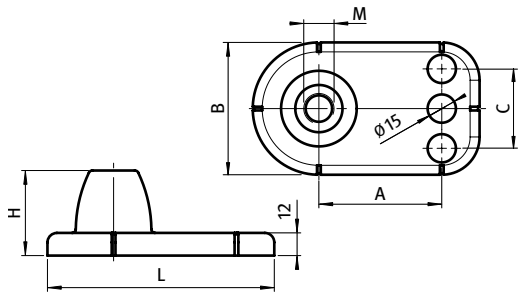


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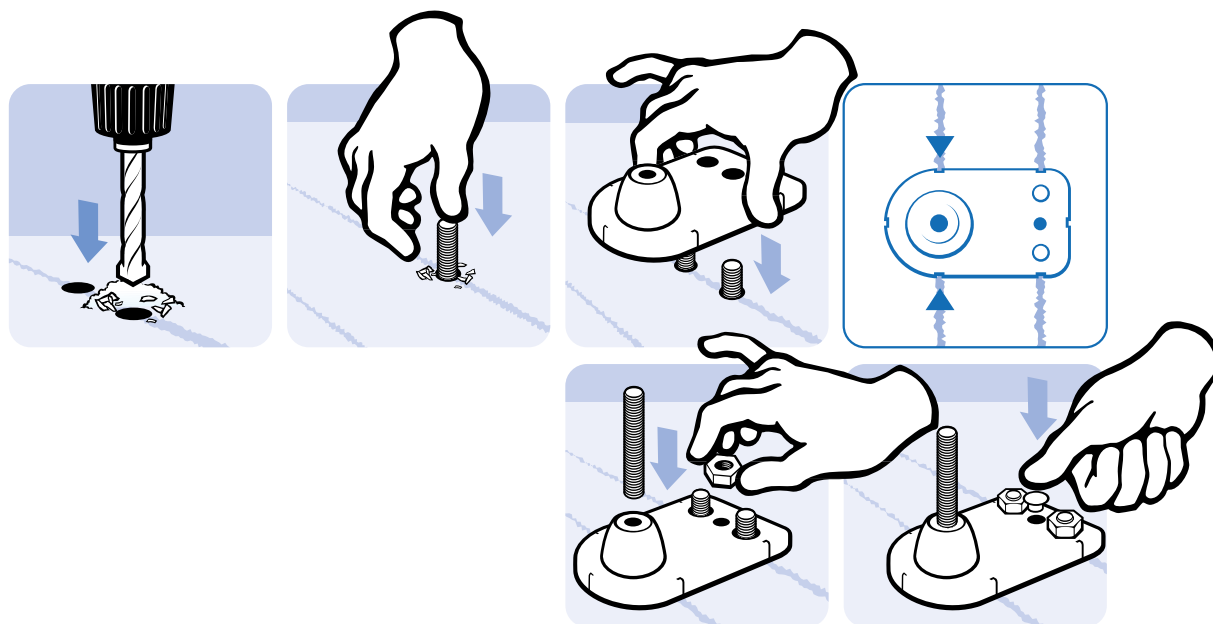
A [mm]	L x B x H [mm]	Max. Load [kg]	M	Weight [g]	Part #
65	119.5 x 70 x 45	400	M16	224.0	<a href="#">098F16070A</a>

**BASE FOR DUCK FEET M20**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	A strong and cost efficient leveling foot commonly used for conveyor systems
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces

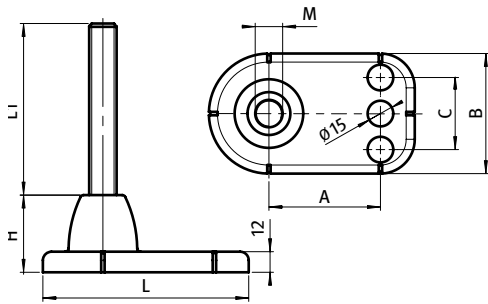


A [mm]	L x B x H [mm]	C [mm]	Max. Load [kg]	M	Weight [g]	Part #
75	140.0 x 90 x 50	55	600	M20	456.2	098F20090A



**DUCK FOOT WITH THREADED ROD ST**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	A strong and low cost leveling foot commonly used for conveyor systems; the threaded rod is fixed
<b>MATERIAL</b>	Base: Aluminum die-cast Threaded rod: Steel
<b>SURFACE</b>	Base: Plain Threaded rod: Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Nut see 098F16M

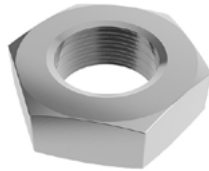
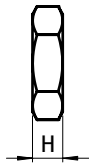
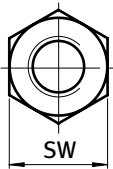


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A [mm]	L x B x H [mm]	C [mm]	Max. Load [kg]	L1 [mm]	M	Weight [g]	Part #
65	119.5 x 70 x 45	-	400	100	M16	452.6	<a href="#">9F16070A16100M</a>
65	119.5 x 70 x 45	-	400	150	M16	518.1	<a href="#">9F16070A16150M</a>
65	119.5 x 70 x 45	-	400	300	M16	713.6	<a href="#">9F16070A16300M</a>
75	140.0 x 90 x 50	55	600	150	M20	900.0	<a href="#">9F20090A20150M</a>

**NUT DIN 439 FOR THREADED RODS**

<b>MODEL</b>	Steel / stainless steel
<b>DESCRIPTION</b>	Flat jam nuts DIN 439 (ISO 4035) form B for threaded rods
<b>MATERIAL</b>	Steel / stainless steel
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	10 / 100 pieces

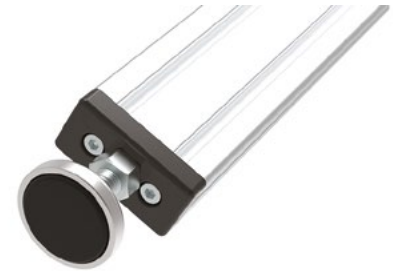
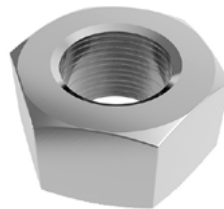
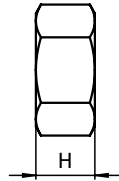
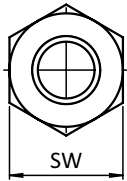


Material	H [mm]	SW [mm]	Thread	Pack Quantity [Pieces]	Weight [g]	Part #
Steel	2.7	8	M5	100	1.0	<a href="#">4DIN439BM5M</a>
	3.2	10	M6	100	1.5	<a href="#">4DIN439BM6M</a>
	4.0	13	M8	100	3.0	<a href="#">4DIN439BM8M</a>
	5.0	17	M10	100	6.0	<a href="#">4DIN439BM10M</a>
	6.0	19	M12	100	9.0	<a href="#">4DIN439BM12M</a>
	7.0	22	M14	100	14.0	<a href="#">4DIN439BM14M</a>
	7.9	24	M16	100	18.0	<a href="#">4DIN439BM16M</a>
	10.0	30	M20	10	33.0	<a href="#">4DIN439BM20M</a>
	12.0	36	M24	10	60.0	<a href="#">4DIN439BM24M</a>
	15.0	46	M30	10	125.0	<a href="#">4DIN439BM30M</a>
Stainless steel	2.7	8	M5	100	1.0	<a href="#">4DIN439BM5E</a>
	3.2	10	M6	100	1.5	<a href="#">4DIN439BM6E</a>
	4.0	13	M8	100	3.0	<a href="#">4DIN439BM8E</a>
	5.0	17	M10	100	6.0	<a href="#">4DIN439BM10E</a>
	6.0	19	M12	100	9.0	<a href="#">4DIN439BM12E</a>
	7.0	22	M14	100	14.0	<a href="#">4DIN439BM14E</a>
	7.9	24	M16	100	18.0	<a href="#">4DIN439BM16E</a>
	10.0	30	M20	10	33.0	<a href="#">4DIN439BM20E</a>
	12.0	36	M24	10	60.0	<a href="#">4DIN439BM24E</a>
	15.0	46	M30	10	125.0	<a href="#">4DIN439BM30E</a>



**NUT DIN 934 FOR THREADED RODS**

<b>MODEL</b>	Steel / stainless steel
<b>DESCRIPTION</b>	Jam nuts DIN 934 (ISO 4032) for threaded rods
<b>MATERIAL</b>	Steel / stainless steel
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	10 pieces



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Material	H [mm]	SW [mm]	Thread	Weight [g]	Part #
Steel	4.7	8	M5	1.2	<a href="#">4DIN934M5M</a>
	5.2	10	M6	2.2	<a href="#">4DIN934M6M</a>
	6.8	13	M8	5.0	<a href="#">4DIN934M8M</a>
	8.4	16	M10	10.0	<a href="#">4DIN934M10M</a>
	10.8	18	M12	15.0	<a href="#">4DIN934M12M</a>
	11.0	22	M14	22.8	<a href="#">4DIN934M14M</a>
	14.8	24	M16	29.2	<a href="#">4DIN934M16M</a>
	18.0	30	M20	53.8	<a href="#">4DIN934M20M</a>
	21.5	36	M24	93.0	<a href="#">4DIN934M24M</a>
	25.6	46	M30	202.0	<a href="#">4DIN934M30M</a>
Stainless steel	4.7	8	M5	1.2	<a href="#">4DIN934M5E</a>
	6.8	13	M8	5.0	<a href="#">4DIN934M8E</a>
	5.2	10	M6	2.2	<a href="#">4DIN934M6E</a>
	8.4	16	M10	10.0	<a href="#">4DIN934M10E</a>
	10.8	18	M12	15.0	<a href="#">4DIN934M12E</a>
	11.0	22	M14	22.8	<a href="#">4DIN934M14E</a>
	14.8	24	M16	29.2	<a href="#">4DIN934M16E</a>
	18.0	30	M20	53.8	<a href="#">4DIN934M20E</a>
	21.5	36	M24	93.0	<a href="#">4DIN934M24E</a>
	25.6	46	M30	202.0	<a href="#">4DIN934M30E</a>

**ADJUSTABLE LEVELING FOOT**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Leveling foot for fastening to aluminum profiles, height adjustable without tool
<b>MATERIAL</b>	Housing: Plastic PA, glass fiber reinforced Mechanism: Zinc plated steel
<b>COLOR</b>	Black
<b>MAX. LOAD</b>	150 kg
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

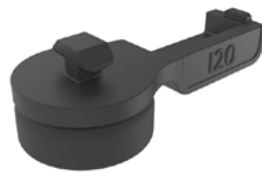
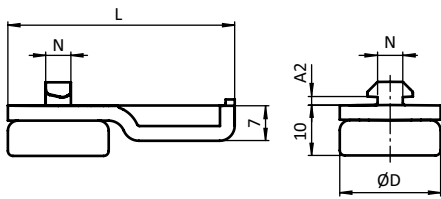


	b [mm]	B [mm]	H [mm]	Ød [mm]	M	N [mm]	Weight [g]	Part #
	20.5	30	35-50	4.3	M6	6	38.0	<a href="#">098H300606</a>
	20.5	30	35-50	4.3	M8	8	40.0	<a href="#">098H300808</a>
	20.5	35	35-50	4.3	M8	8	42.0	<a href="#">098H350808</a>
	28.0	40	45-65	6.5	M8	8	78.0	<a href="#">098H400808</a>
	28.0	40	45-65	6.5	M8	10	78.0	<a href="#">098H401008</a>
	28.0	45	45-65	6.5	M8	8	80.0	<a href="#">098H450808</a>
	28.0	45	45-65	6.5	M8	10	80.0	<a href="#">098H451008</a>
	28.0	50	45-65	6.5	M8	10	83.0	<a href="#">098H501008</a>

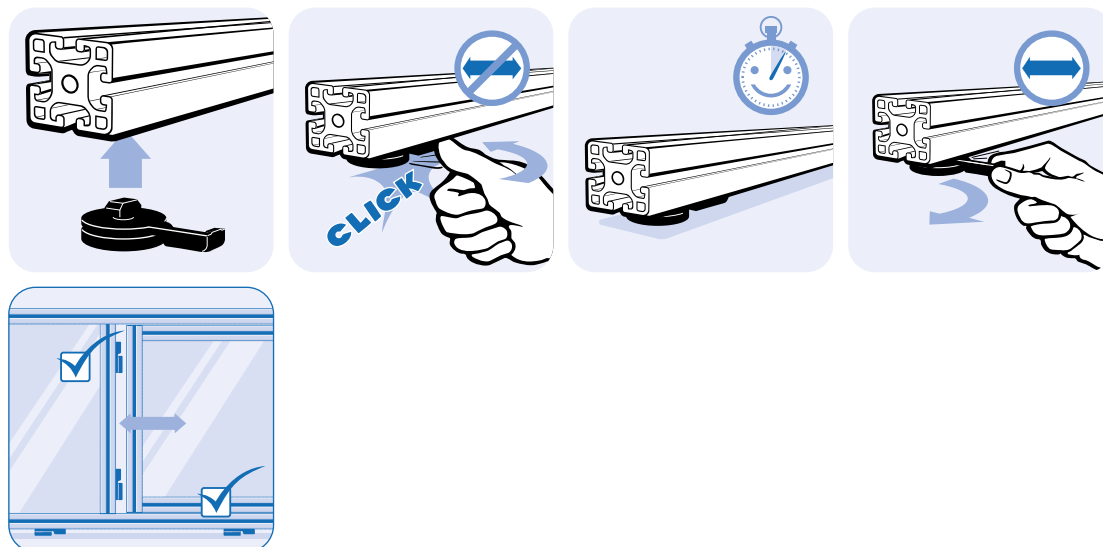
T-SLOT FOOT

<b>MODEL</b>	Plastic PA, with anti-slip plate
<b>DESCRIPTION</b>	To protect the floor and the aluminum profile, incl. anti-slip-plate, prevents movement of T-Slot foot on slippery surfaces and absorbs some vibration; can be mounted into the slot by a quarter turn; Can also be used as spacer e.g. for the transport of aluminum profiles and frames, or as buffer stop e.g. for door frames
<b>MATERIAL</b>	Base: Plastic PA, glass ball reinforced Anti-slip plate: Thermoplastic elastomer, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>FASTENING</b>	By turning into the slot
<b>PACK QUANTITY</b>	10 pieces

1

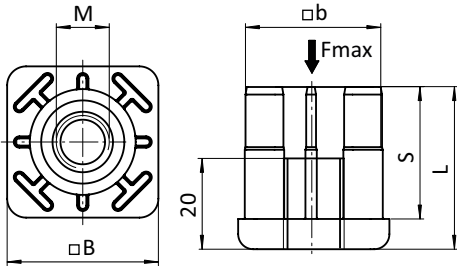


Grid	D [mm]	L [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
20	20	45.0	1.6 (1.8)	5	5.3	I	098T020KGN05
20	20	45.0	1.3 (1.5)	6	5.3	B	098T020KGN06
30	30	55.0	2.8 (3.0)	6	10.1	I	098T030KGN06
30	30	55.0	2.0 (2.2)	8	10.1	B	098T030KGN08
40	36	61.0	3.8 (4.0)	8	14.1		098T040KGN08S01
40	36	61.0	4.3 (4.5)	8	14.3	I	098T040KGN08
40 / 45	36	61.0	5.8 (6.0)	10	14.3	B	098T040KGN10



**THREADED BUSH FOR SQUARE TUBES 30 X 30**

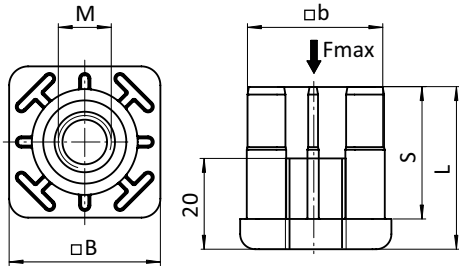
<b>MODEL</b>	Plastic PA, with brass threaded insert
<b>DESCRIPTION</b>	To fit leveling feet to square, non-threaded tubes
<b>MATERIAL</b>	Bush: Plastic PA, glass fiber reinforced Threaded insert: Nickel plated brass
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Version	b [mm]	B [mm]	L [mm]	Max. Load [kg]	Square Tube [mm]	M	S [mm]	Weight [g]	Part #
30 x 30, R3	27.5	30	33	500	30 x 30 x 1.5	M8	27	69.0	<a href="#">098V301508</a>
	27.5	30	33	500	30 x 30 x 1.5	M10	27	54.0	<a href="#">098V301510</a>
	27.5	30	33	500	30 x 30 x 1.5	M12	27	57.0	<a href="#">098V301512</a>
	27.5	30	33	500	30 x 30 x 1.5	M14	27	48.0	<a href="#">098V301514</a>
	27.5	30	33	500	30 x 30 x 1.5	M16	27	52.0	<a href="#">098V301516</a>
	26.5	30	33	500	30 x 30 x 2.0	M8	27	68.0	<a href="#">098V302008</a>
	26.5	30	33	500	30 x 30 x 2.0	M10	27	63.0	<a href="#">098V302010</a>
	26.5	30	33	500	30 x 30 x 2.0	M12	27	56.0	<a href="#">098V302012</a>
	26.5	30	33	500	30 x 30 x 2.0	M14	27	47.0	<a href="#">098V302014</a>
	26.5	30	33	500	30 x 30 x 2.0	M16	27	51.0	<a href="#">098V302016</a>

**THREADED BUSH FOR SQUARE TUBES 40 X 40**

<b>MODEL</b>	Plastic PA, with brass threaded insert
<b>DESCRIPTION</b>	To fit leveling feet to square, non-threaded tubes
<b>MATERIAL</b>	Bush: Plastic PA, glass fiber reinforced Threaded insert: Nickel plated brass
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

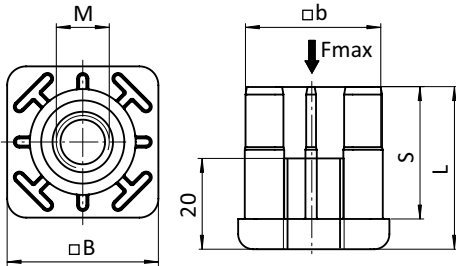


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Version	b [mm]	B [mm]	L [mm]	Max. Load [kg]	Square Tube [mm]	M	S [mm]	Weight [g]	Part #
40 x 40, R5	37.5	40	43	800	40 x 40 x 1.5	M8	35	96.0	<a href="#">098V401508</a>
	37.5	40	43	800	40 x 40 x 1.5	M10	35	91.0	<a href="#">098V401510</a>
	37.5	40	43	800	40 x 40 x 1.5	M12	35	84.0	<a href="#">098V401512</a>
	37.5	40	43	800	40 x 40 x 1.5	M14	35	75.0	<a href="#">098V401514</a>
	37.5	40	43	800	40 x 40 x 1.5	M16	35	79.0	<a href="#">098V401516</a>
	37.5	40	43	800	40 x 40 x 1.5	M20	35	75.0	<a href="#">098V401520</a>
	36.5	40	43	1000	40 x 40 x 2.0	M8	35	93.0	<a href="#">098V402008</a>
	36.5	40	43	1000	40 x 40 x 2.0	M10	35	88.0	<a href="#">098V402010</a>
	36.5	40	43	1000	40 x 40 x 2.0	M12	35	81.0	<a href="#">098V402012</a>
	36.5	40	43	1000	40 x 40 x 2.0	M14	35	72.0	<a href="#">098V402014</a>
	36.5	40	43	1000	40 x 40 x 2.0	M16	35	76.0	<a href="#">098V402016</a>
	36.5	40	43	1000	40 x 40 x 2.0	M20	35	74.0	<a href="#">098V402020</a>
	35.5	40	43	1000	40 x 40 x 2.5	M8	35	93.0	<a href="#">098V402508</a>
	35.5	40	43	1000	40 x 40 x 2.5	M10	35	88.0	<a href="#">098V402510</a>
	35.5	40	43	1000	40 x 40 x 2.5	M12	35	81.0	<a href="#">098V402512</a>
	35.5	40	43	1000	40 x 40 x 2.5	M16	35	76.0	<a href="#">098V402516</a>
	35.5	40	43	1000	40 x 40 x 2.5	M20	35	74.0	<a href="#">098V402520</a>
	34.5	40	43	1000	40 x 40 x 3.0	M8	35	95.0	<a href="#">098V403008</a>
	34.5	40	43	1000	40 x 40 x 3.0	M10	35	90.0	<a href="#">098V403010</a>
	34.5	40	43	1000	40 x 40 x 3.0	M12	35	83.0	<a href="#">098V403012</a>
	34.5	40	43	1000	40 x 40 x 3.0	M14	35	74.0	<a href="#">098V403014</a>
	34.5	40	43	1000	40 x 40 x 3.0	M16	35	78.0	<a href="#">098V403016</a>
	34.5	40	43	1000	40 x 40 x 3.0	M20	35	76.0	<a href="#">098V403020</a>
	32.5	40	43	1000	40 x 40 x 4.0	M8	35	91.0	<a href="#">098V404008</a>
	32.5	40	43	1000	40 x 40 x 4.0	M10	35	86.0	<a href="#">098V404010</a>
	32.5	40	43	1000	40 x 40 x 4.0	M12	35	79.0	<a href="#">098V404012</a>
	32.5	40	43	1000	40 x 40 x 4.0	M14	35	70.0	<a href="#">098V404014</a>
	32.5	40	43	1000	40 x 40 x 4.0	M16	35	74.0	<a href="#">098V404016</a>
	32.5	40	43	1000	40 x 40 x 4.0	M20	35	72.0	<a href="#">098V404020</a>

**THREADED BUSH FOR SQUARE TUBES 50 X 50**

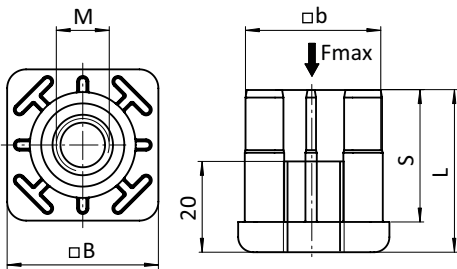
<b>MODEL</b>	Plastic PA, with brass threaded insert
<b>DESCRIPTION</b>	To fit leveling feet to square, non-threaded tubes
<b>MATERIAL</b>	Bush: Plastic PA, glass fiber reinforced Threaded insert: Nickel plated brass
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Version	b [mm]	B [mm]	L [mm]	Max. Load [kg]	Square Tube [mm]	M	S [mm]	Weight [g]	Part #
50 x 50, R5	47.5	50	55	800	50 x 50 x 1.5	M10	44	120.0	<a href="#">098V501510</a>
	47.5	50	55	800	50 x 50 x 1.5	M12	44	113.0	<a href="#">098V501512</a>
	47.5	50	55	800	50 x 50 x 1.5	M16	44	108.0	<a href="#">098V501516</a>
	47.5	50	55	800	50 x 50 x 1.5	M20	44	102.0	<a href="#">098V501520</a>
	46.5	50	55	1200	50 x 50 x 2.0	M8	44	113.0	<a href="#">098V502008</a>
	46.5	50	55	1200	50 x 50 x 2.0	M10	44	108.0	<a href="#">098V502010</a>
	46.5	50	55	1200	50 x 50 x 2.0	M12	44	101.0	<a href="#">098V502012</a>
	46.5	50	55	1200	50 x 50 x 2.0	M14	44	92.0	<a href="#">098V502014</a>
	46.5	50	55	1200	50 x 50 x 2.0	M16	44	96.0	<a href="#">098V502016</a>
	46.5	50	55	1200	50 x 50 x 2.0	M20	44	101.0	<a href="#">098V502020</a>
	45.5	50	55	1200	50 x 50 x 2.5	M10	44	120.0	<a href="#">098V502510</a>
	45.5	50	55	1200	50 x 50 x 2.5	M12	44	113.0	<a href="#">098V502512</a>
	45.5	50	55	1200	50 x 50 x 2.5	M14	44	113.0	<a href="#">098V502514</a>
	45.5	50	55	1200	50 x 50 x 2.5	M16	44	108.0	<a href="#">098V502516</a>
	45.5	50	55	1200	50 x 50 x 2.5	M20	44	100.0	<a href="#">098V502520</a>
	44.5	50	55	1200	50 x 50 x 3.0	M10	44	116.0	<a href="#">098V503010</a>
	44.5	50	55	1200	50 x 50 x 3.0	M12	44	109.0	<a href="#">098V503012</a>
	44.5	50	55	1200	50 x 50 x 3.0	M14	44	100.0	<a href="#">098V503014</a>
	44.5	50	55	1200	50 x 50 x 3.0	M16	44	104.0	<a href="#">098V503016</a>
	44.5	50	55	1200	50 x 50 x 3.0	M20	44	99.0	<a href="#">098V503020</a>
42.5	50	55	1200	50 x 50 x 4.0	M10	44	116.0	<a href="#">098V504010</a>	
42.5	50	55	1200	50 x 50 x 4.0	M12	44	109.0	<a href="#">098V504012</a>	
42.5	50	55	1200	50 x 50 x 4.0	M16	44	104.0	<a href="#">098V504016</a>	
42.5	50	55	1200	50 x 50 x 4.0	M20	44	98.0	<a href="#">098V504020</a>	

**THREADED BUSH FOR SQUARE TUBES 60 X 60**

<b>MODEL</b>	Plastic PA, with brass threaded insert
<b>DESCRIPTION</b>	To fit leveling feet to square, non-threaded tubes
<b>MATERIAL</b>	Bush: Plastic PA, glass fiber reinforced Threaded insert: Nickel plated brass
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

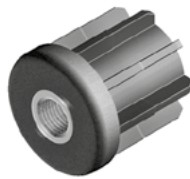
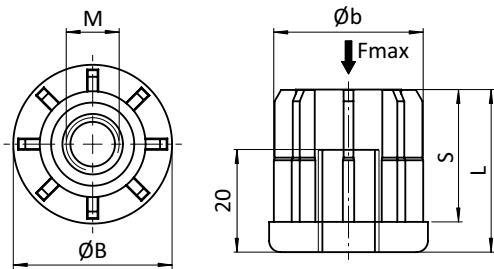


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Version	b [mm]	B [mm]	L [mm]	Max. Load [kg]	Square Tube [mm]	M	S [mm]	Weight [g]	Part #
60 x 60, R7	56.5	60	55	1200	60 x 60 x 2.0	M10	45	148.0	<a href="#">098V602010</a>
	56.5	60	55	1200	60 x 60 x 2.0	M12	45	141.0	<a href="#">098V602012</a>
	56.5	60	55	1200	60 x 60 x 2.0	M14	45	132.0	<a href="#">098V602014</a>
	56.5	60	55	1200	60 x 60 x 2.0	M16	45	136.0	<a href="#">098V602016</a>
	56.5	60	55	1200	60 x 60 x 2.0	M20	45	121.0	<a href="#">098V602020</a>
	54.5	60	55	1200	60 x 60 x 3.0	M10	45	147.0	<a href="#">098V603010</a>
	54.5	60	55	1200	60 x 60 x 3.0	M12	45	140.0	<a href="#">098V603012</a>
	54.5	60	55	1200	60 x 60 x 3.0	M14	45	131.0	<a href="#">098V603014</a>
	54.5	60	55	1200	60 x 60 x 3.0	M16	45	134.0	<a href="#">098V603016</a>
	54.5	60	55	1200	60 x 60 x 3.0	M20	45	119.0	<a href="#">098V603020</a>
	52.5	60	55	1200	60 x 60 x 4.0	M10	45	147.0	<a href="#">098V604010</a>
	52.5	60	55	1200	60 x 60 x 4.0	M12	45	140.0	<a href="#">098V604012</a>
	52.5	60	55	1200	60 x 60 x 4.0	M14	45	131.0	<a href="#">098V604014</a>
	52.5	60	55	1200	60 x 60 x 4.0	M16	45	134.0	<a href="#">098V604016</a>
	52.5	60	55	1200	60 x 60 x 4.0	M20	45	116.0	<a href="#">098V604020</a>

**THREADED BUSH FOR ROUND TUBES 30**

<b>MODEL</b>	Plastic PA, with brass threaded insert
<b>DESCRIPTION</b>	To fit leveling feet to round, non-threaded tubes
<b>MATERIAL</b>	Bush: Plastic PA, glass fiber reinforced Threaded insert: Nickel plated brass
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

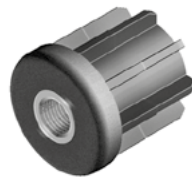
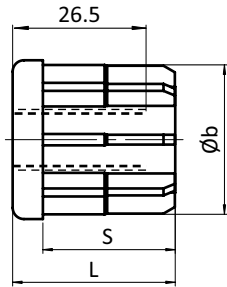
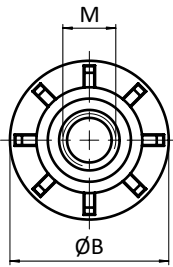


b [mm]	B [mm]	L [mm]	Max. Load [kg]	Round Tube [mm]	M	S [mm]	Weight [g]	Part #
28.5	30.0	33	500	$\varnothing 30 \times 1.0$	M8	27	64.0	<a href="#">098VR301008</a>
28.5	30.0	33	500	$\varnothing 30 \times 1.0$	M10	27	59.0	<a href="#">098VR301010</a>
28.5	30.0	33	500	$\varnothing 30 \times 1.0$	M12	27	52.0	<a href="#">098VR301012</a>
28.5	30.0	33	500	$\varnothing 30 \times 1.0$	M16	27	47.0	<a href="#">098VR301016</a>
26.5	30.0	33	500	$\varnothing 30 \times 2.0$	M8	27	57.5	<a href="#">098VR302008</a>
26.5	30.0	33	500	$\varnothing 30 \times 2.0$	M10	27	52.5	<a href="#">098VR302010</a>
26.5	30.0	33	500	$\varnothing 30 \times 2.0$	M12	27	50.5	<a href="#">098VR302012</a>
26.5	30.0	33	500	$\varnothing 30 \times 2.0$	M16	27	47.5	<a href="#">098VR302016</a>
25.5	30.0	33	500	$\varnothing 30 \times 2.5$	M8	27	57.0	<a href="#">098VR302508</a>



**THREADED BUSH FOR ROUND TUBES 38**

<b>MODEL</b>	Plastic PA, with brass threaded insert
<b>DESCRIPTION</b>	To fit leveling feet to round, non-threaded tubes
<b>MATERIAL</b>	Bush: Plastic PA, glass fiber reinforced Threaded insert: Nickel plated brass
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

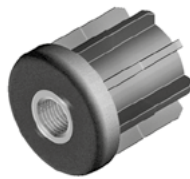
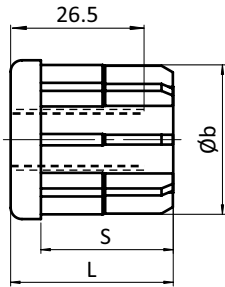
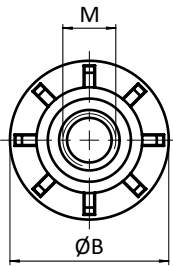


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b [mm]	B [mm]	L [mm]	Max. Load [kg]	Round Tube [mm]	M	S [mm]	Weight [g]	Part #
35.5	38.0	43	600	Ø 38 x 1.5	M10	35	76.0	<a href="#">098VR381510</a>
35.5	38.0	43	600	Ø 38 x 1.5	M12	35	69.0	<a href="#">098VR381512</a>
35.5	38.0	43	600	Ø 38 x 1.5	M16	35	64.0	<a href="#">098VR381516</a>

**THREADED BUSH FOR ROUND TUBES 42.4**

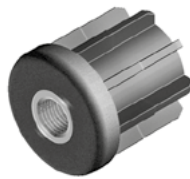
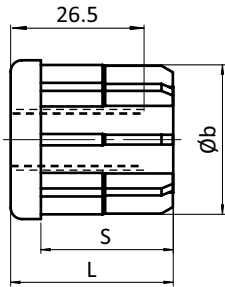
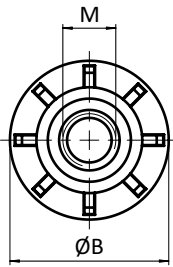
<b>MODEL</b>	Plastic PA, with brass threaded insert
<b>DESCRIPTION</b>	To fit leveling feet to round, non-threaded tubes
<b>MATERIAL</b>	Bush: Plastic PA, glass fiber reinforced Threaded insert: Nickel plated brass
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



b [mm]	B [mm]	L [mm]	Max. Load [kg]	Round Tube [mm]	M	S [mm]	Weight [g]	Part #
39.9	42.4	43	800	Ø 42.4 x 1.5	M10	35	81.0	<a href="#">098VR421510</a>
39.9	42.4	43	800	Ø 42.4 x 1.5	M12	35	74.0	<a href="#">098VR421512</a>
39.9	42.4	43	800	Ø 42.4 x 1.5	M16	35	69.0	<a href="#">098VR421516</a>
39.9	42.4	43	800	Ø 42.4 x 1.5	M20	35	65.0	<a href="#">098VR421520</a>
38.9	42.4	43	800	Ø 42.4 x 2.0	M10	35	81.0	<a href="#">098VR422010</a>
37.9	42.4	43	800	Ø 42.4 x 2.5	M10	35	81.0	<a href="#">098VR422510</a>
37.9	42.4	43	800	Ø 42.4 x 2.5	M12	35	74.0	<a href="#">098VR422512</a>

**THREADED BUSH FOR ROUND TUBES 48.3**

<b>MODEL</b>	Plastic PA, with brass threaded insert
<b>DESCRIPTION</b>	To fit leveling feet to round, non-threaded tubes
<b>MATERIAL</b>	Bush: Plastic PA, glass fiber reinforced Threaded insert: Nickel plated brass
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

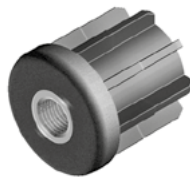
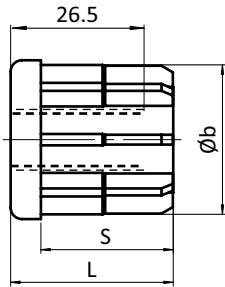
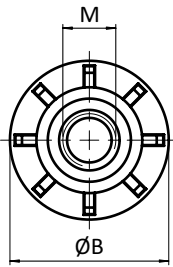


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b [mm]	B [mm]	L [mm]	Max. Load [kg]	Round Tube [mm]	M	S [mm]	Weight [g]	Part #
45.8	48.3	55	1000	Ø 48.3 x 1.5	M12	44	88.0	<a href="#">098VR481512</a>
45.8	48.3	55	1000	Ø 48.3 x 1.5	M16	44	83.0	<a href="#">098VR481516</a>
44.8	48.3	55	1000	Ø 48.3 x 2.0	M12	44	88.0	<a href="#">098VR482012</a>
43.8	48.3	55	1000	Ø 48.3 x 2.5	M12	44	88.0	<a href="#">098VR482512</a>
43.8	48.3	55	1000	Ø 48.3 x 2.5	M16	44	70.0	<a href="#">098VR482516</a>
43.8	48.3	55	1000	Ø 48.3 x 2.5	M20	44	77.0	<a href="#">098VR482520</a>

**THREADED BUSH FOR ROUND TUBES 50.9**

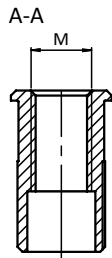
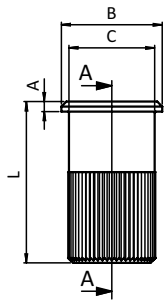
<b>MODEL</b>	Plastic PA, with brass threaded insert
<b>DESCRIPTION</b>	To fit leveling feet to round, non-threaded tubes
<b>MATERIAL</b>	Bush: Plastic PA, glass fiber reinforced Threaded insert: Nickel plated brass
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



b [mm]	B [mm]	L [mm]	Max. Load [kg]	Round Tube [mm]	M	S [mm]	Weight [g]	Part #
48.8	50.9	55	1000	Ø 50.9 x 1.5	M12	44	102.0	<a href="#">098VR511512</a>
48.8	50.9	55	1000	Ø 50.9 x 1.5	M16	44	87.0	<a href="#">098VR511516</a>
48.8	50.9	55	1000	Ø 50.9 x 1.5	M20	44	89.5	<a href="#">098VR511520</a>
46.4	50.9	55	1000	Ø 50.9 x 2.5	M16	44	87.0	<a href="#">098VR512516</a>

**THREADED SLEEVE**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To fit levelling feet to profiles at right angles; a hole must be drilled with $\varnothing$ 17 mm through the profile to allow application
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other sizes, other surfaces on request

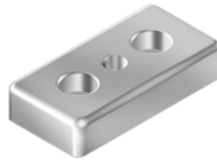
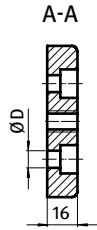
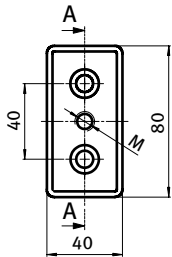


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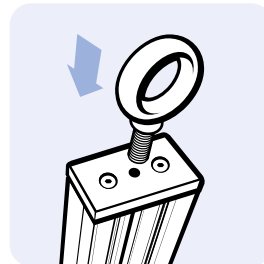
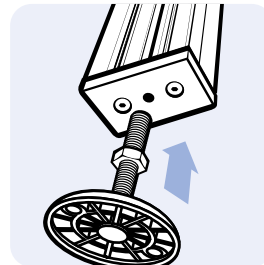
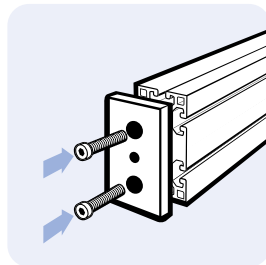
A [mm]	L [mm]	Size	$\varnothing$ B [mm]	$\varnothing$ C [mm]	Weight [g]	Part #
2.0	32.0	M12	20.0	17.0	30.0	340ME201

**TRANSPORT AND BASE PLATE AL 40 X 80**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

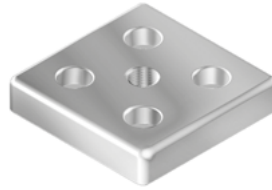
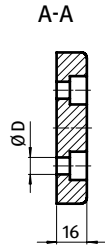
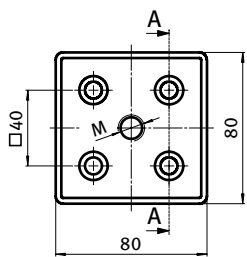


	ØD [mm]	M	Weight [g]	Part #
	9 (M8)	M8	90.4	<a href="#">093TA40800808R</a>
		M10	89.5	<a href="#">093TA40801008R</a>
		M12	88.3	<a href="#">093TA40801208R</a>
		M14	87.0	<a href="#">093TA40801408R</a>
		M16	85.2	<a href="#">093TA40801608R</a>
		M20	81.3	<a href="#">093TA40802008R</a>



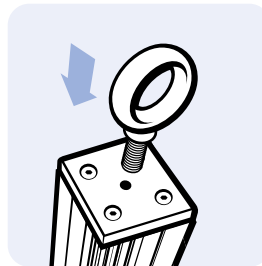
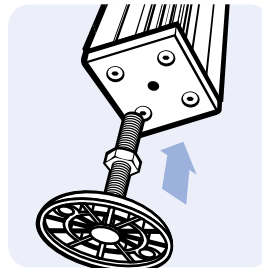
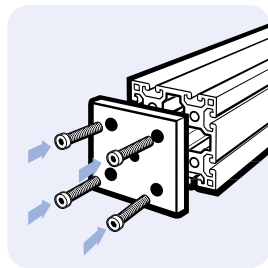
**TRANSPORT AND BASE PLATE AL 80 X 80**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



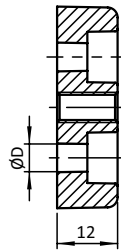
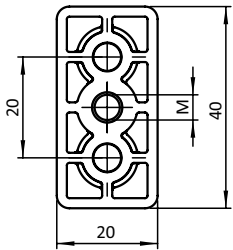
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	ØD [mm]	M	Weight [g]	Part #
	9 (M8)	M8	166.5	<a href="#">093TA80800808R</a>
		M10	165.5	<a href="#">093TA80801008R</a>
		M12	164.5	<a href="#">093TA80801208R</a>
		M16	160.0	<a href="#">093TA80801608R</a>
		M20	158.0	<a href="#">093TA80802008R</a>

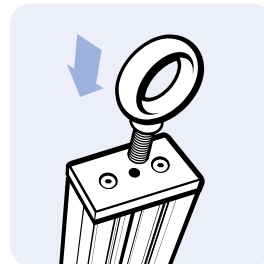
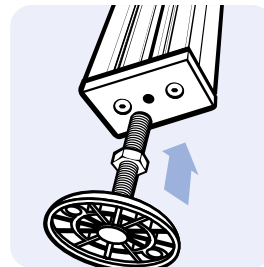
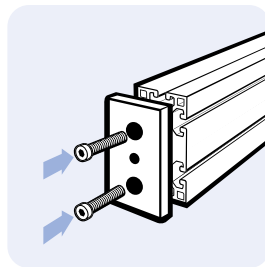


**TRANSPORT AND BASE PLATE ZN 20 X 40, PLAIN**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; screw joint to the face of the profile
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Powder coated Transport and Base Plate see 093T20400605S



	ØD [mm]	M	Weight [g]	Part #
	5.5 (M5)	M6	35.0	<a href="#">093T20400605R</a>
		M8	35.0	<a href="#">093T20400805R</a>





**TRANSPORT AND BASE PLATE ZN 20 X 40, POWDER COATED**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; screw joint to the face of the profile
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Plain Transport and Base Plate see 093T20400605R

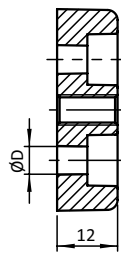
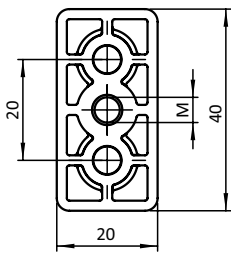
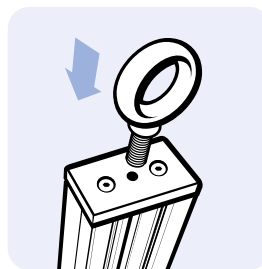
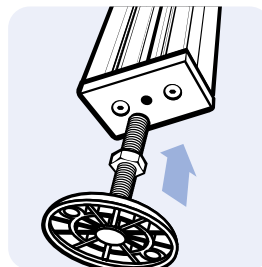
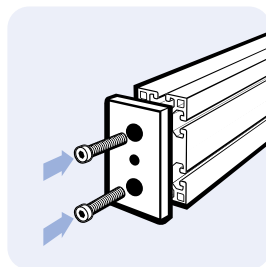


Fig.	Color	ØD [mm]	M	Weight [g]	Part #
①	Black	5.5 (M5)	M6	36.0	<a href="#">093T20400605S</a>
①	Black	5.5 (M5)	M8	34.0	<a href="#">093T20400805S</a>
②	Alu color	5.5 (M5)	M6	36.0	<a href="#">093T20400605A</a>
②	Alu color	5.5 (M5)	M8	35.0	<a href="#">093T20400805A</a>



**TRANSPORT AND BASE PLATE ZN 40 X 40, POWDER COATED**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Plain Transport and Base Plate see 093T40400805R

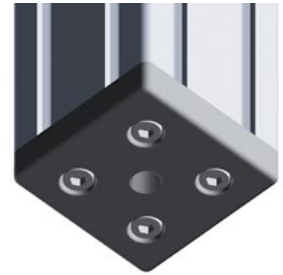
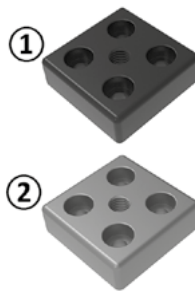
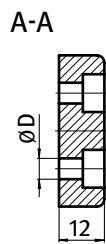
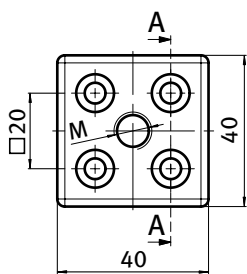
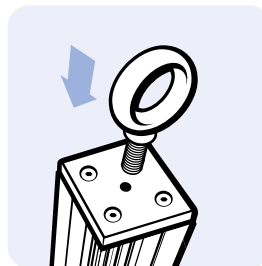
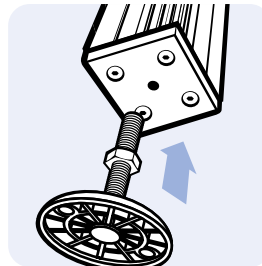
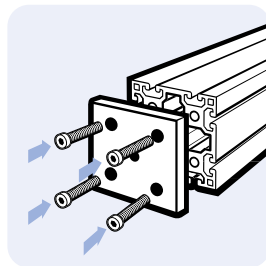
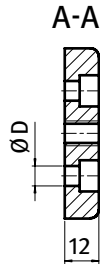
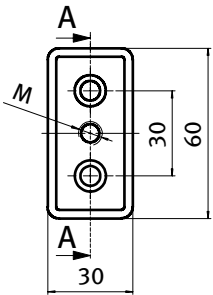


Fig.	Color	ØD [mm]	M	Weight [g]	Part #
①	Black	5.5 (M5)	M8	81.0	093T40400805S
①	Black	5.5 (M5)	M10	79.0	093T40401005S
①	Black	5.5 (M5)	M12	77.0	093T40401205S
②	Alu color	5.5 (M5)	M8	81.0	093T40400805A
②	Alu color	5.5 (M5)	M10	79.0	093T40401005A
②	Alu color	5.5 (M5)	M12	77.0	093T40401205A



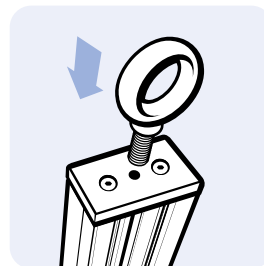
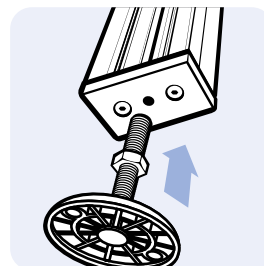
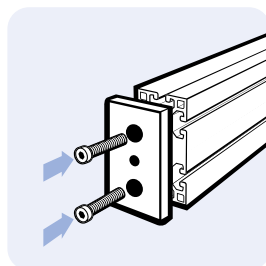
**TRANSPORT AND BASE PLATE ZN 30 X 60, PLAIN**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Powder coated Transport and Base Plate see 093T30600806S



1

	ØD [mm]	M	Weight [g]	Part #
	9 (M8)	M8	100.0	<a href="#">093T30600808R</a>
	7 (M6)	M10	99.0	<a href="#">093T30601006R</a>
	9 (M8)	M10	98.0	<a href="#">093T30601008R</a>
		M12	96.0	<a href="#">093T30601208R</a>



**TRANSPORT AND BASE PLATE ZN 30 X 60, POWDER COATED**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Plain Transport and Base Plate see 093T30600806R

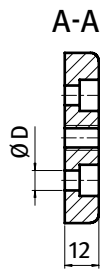
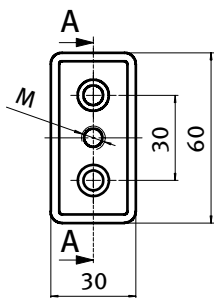
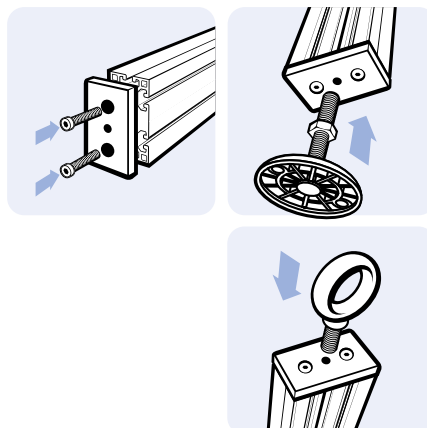
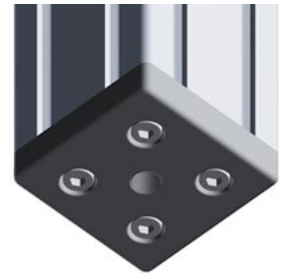
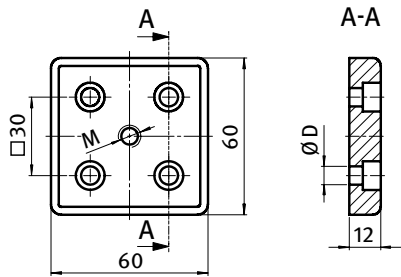


Fig.	Color	ØD [mm]	M	Weight [g]	Part #
①	Black	7 (M6)	M8	101.0	<a href="#">093T30600806S</a>
①	Black	9 (M8)	M8	100.0	<a href="#">093T30600808S</a>
①	Black	7 (M6)	M10	99.0	<a href="#">093T30601006S</a>
①	Black	9 (M8)	M10	98.0	<a href="#">093T30601008S</a>
①	Black	7 (M6)	M12	97.0	<a href="#">093T30601206S</a>
①	Black	9 (M8)	M12	96.0	<a href="#">093T30601208S</a>
①	Black	7 (M6)	M14	95.0	<a href="#">093T30601406S</a>
①	Black	7 (M6)	M16	93.0	<a href="#">093T30601606S</a>
②	Alu color	7 (M6)	M8	101.0	<a href="#">093T30600806A</a>
②	Alu color	9 (M8)	M8	100.0	<a href="#">093T30600808A</a>
②	Alu color	7 (M6)	M10	99.0	<a href="#">093T30601006A</a>
②	Alu color	9 (M8)	M10	98.0	<a href="#">093T30601008A</a>
②	Alu color	7 (M6)	M12	97.0	<a href="#">093T30601206A</a>
②	Alu color	9 (M8)	M12	96.0	<a href="#">093T30601208A</a>
②	Alu color	7 (M6)	M14	95.0	<a href="#">093T30601406A</a>
②	Alu color	9 (M8)	M14	94.0	<a href="#">093T30601408A</a>
②	Alu color	7 (M6)	M16	93.0	<a href="#">093T30601606A</a>



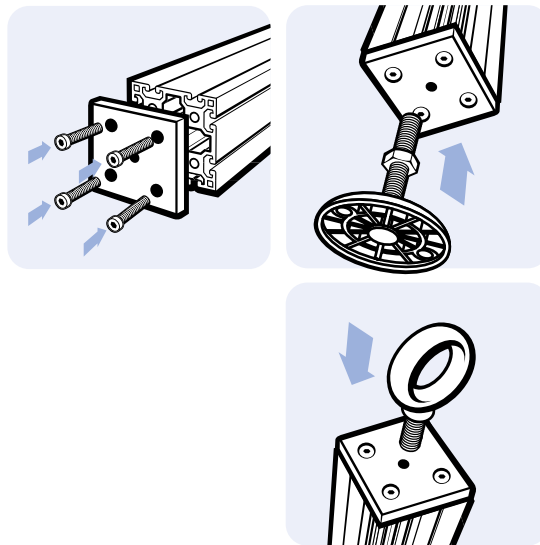
**TRANSPORT AND BASE PLATE ZN 60 X 60, PLAIN**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Powder coated Transport and Base Plate see 093T60600806S



1

ØD [mm]	M	Weight [g]	Part #
7 (M6)	M12	179.0	<a href="#">093T60601206R</a>
9 (M8)	M12	177.0	<a href="#">093T60601208R</a>
7 (M6)	M16	175.0	<a href="#">093T60601606R</a>



**TRANSPORT AND BASE PLATE ZN 60 X 60, POWDER COATED**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Plain Transport and Base Plate see 093T60600806R

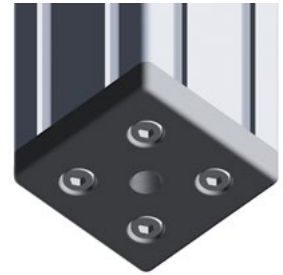
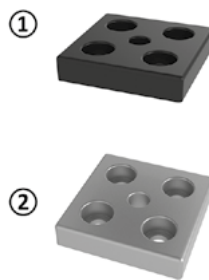
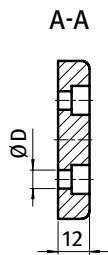
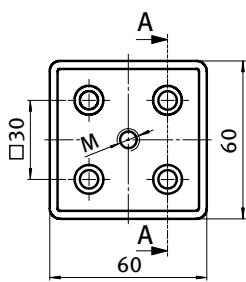
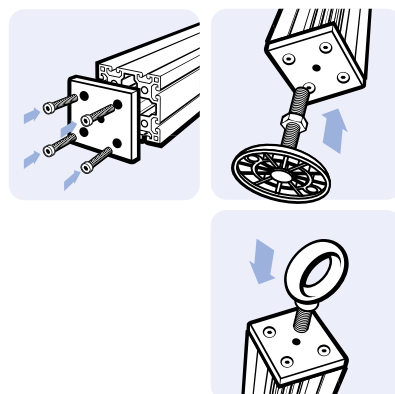
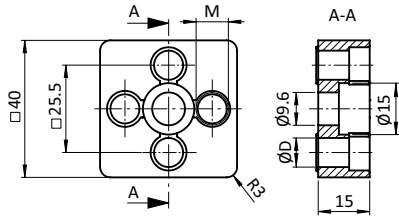


Fig.	Color	ØD [mm]	M	Weight [g]	Part #
①	Black	9 (M8)	M8	181.0	<a href="#">093T60600808S</a>
①	Black	7 (M6)	M10	181.0	<a href="#">093T60601006S</a>
①	Black	9 (M8)	M10	179.0	<a href="#">093T60601008S</a>
①	Black	7 (M6)	M12	179.0	<a href="#">093T60601206S</a>
①	Black	9 (M8)	M12	177.0	<a href="#">093T60601208S</a>
①	Black	9 (M8)	M14	175.0	<a href="#">093T60601408S</a>
①	Black	7 (M6)	M16	175.0	<a href="#">093T60601606S</a>
①	Black	9 (M8)	M16	173.0	<a href="#">093T60601608S</a>
②	Alu color	7 (M6)	M8	183.0	<a href="#">093T60600806A</a>
②	Alu color	9 (M8)	M8	183.0	<a href="#">093T60600808A</a>
②	Alu color	7 (M6)	M10	183.0	<a href="#">093T60601006A</a>
②	Alu color	9 (M8)	M10	183.0	<a href="#">093T60601008A</a>
②	Alu color	7 (M6)	M12	183.0	<a href="#">093T60601206A</a>
②	Alu color	9 (M8)	M12	183.0	<a href="#">093T60601208A</a>
②	Alu color	7 (M6)	M14	183.0	<a href="#">093T60601406A</a>
②	Alu color	9 (M8)	M14	183.0	<a href="#">093T60601408A</a>
②	Alu color	7 (M6)	M16	183.0	<a href="#">093T60601606A</a>
②	Alu color	9 (M8)	M16	173.0	<a href="#">093T60601608A</a>



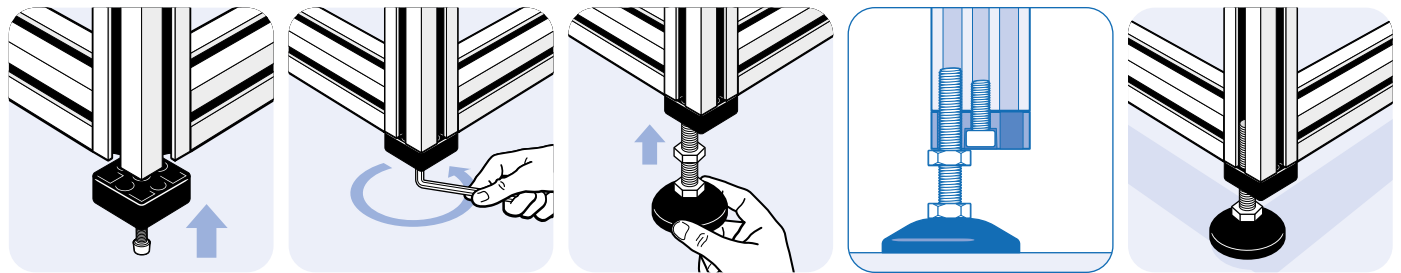
**TRANSPORT AND BASE PLATE | ZN 40 X 40, SIDE M10, POWDER COATED**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces



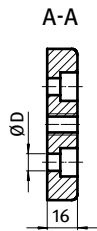
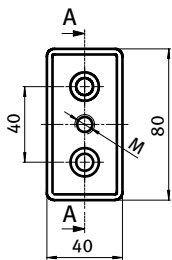
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Color	ØD [mm]	M	Weight [g]	Profile	Part #
Black	9 (M8)	M10	85.0	I	<a href="#">093T40401008SS01</a>

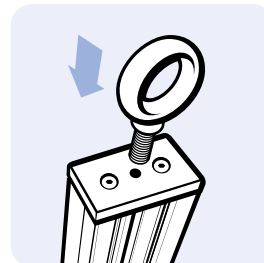
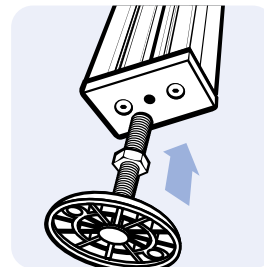
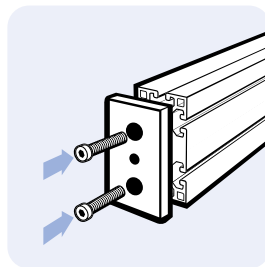


**TRANSPORT AND BASE PLATE ZN 40 X 80, PLAIN**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Powder coated Transport and Base Plate see 093T40800808S



	ØD [mm]	M	Weight [g]	Part #
	9 (M8)	M8	213.0	<a href="#">093T40800808R</a>
		M10	211.0	<a href="#">093T40801008R</a>
	14.5 (M12)	M10	190.0	<a href="#">093T40801012R</a>
	9 (M8)	M12	209.0	<a href="#">093T40801208R</a>
		M12	188.0	<a href="#">093T40801212R</a>
	9 (M8)	M14	203.0	<a href="#">093T40801408R</a>
		M16	199.0	<a href="#">093T40801608R</a>
	14.5 (M12)	M16	178.0	<a href="#">093T40801612R</a>

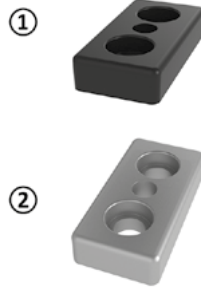
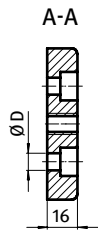
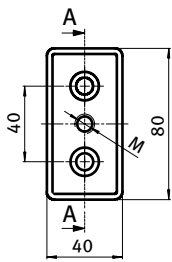




**TRANSPORT AND BASE PLATE ZN 40 X 80, POWDER COATED**

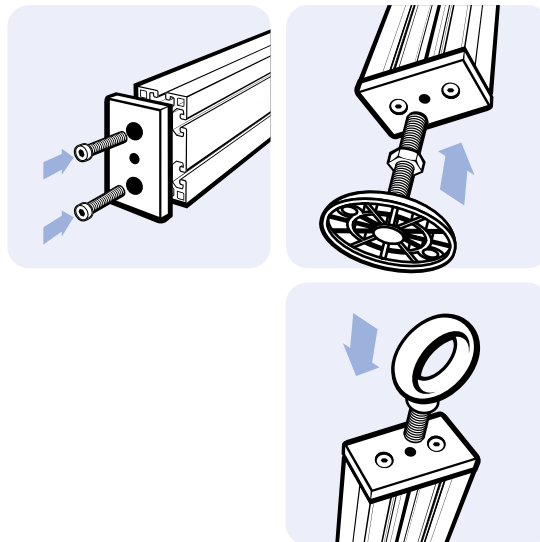
<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Plain Transport and Base Plate see 093T40800808R

1



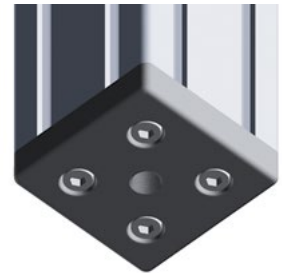
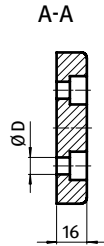
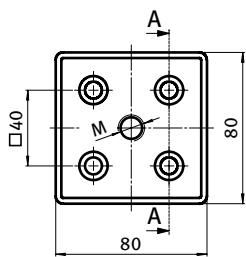
**TRANSPORT AND BASE PLATE ZN 40 X 80, POWDER COATED**

Fig.	Color	ØD [mm]	M	Weight [g]	Part #
①	Black	9 (M8)	M8	213.0	093T40800808S
①	Black	14.5 (M12)	M8	192.0	093T40800812S
①	Black	9 (M8)	M10	211.0	093T40801008S
①	Black	14.5 (M12)	M10	190.0	093T40801012S
①	Black	9 (M8)	M12	209.0	093T40801208S
①	Black	14.5 (M12)	M12	188.0	093T40801212S
①	Black	9 (M8)	M14	203.0	093T40801408S
①	Black	9 (M8)	M16	199.0	093T40801608S
①	Black	14.5 (M12)	M16	178.0	093T40801612S
①	Black	9 (M8)	M20	195.0	093T40802008S
②	Alu color	9 (M8)	M8	213.0	093T40800808A
②	Alu color	14.5 (M12)	M8	192.0	093T40800812A
②	Alu color	9 (M8)	M10	211.0	093T40801008A
②	Alu color	14.5 (M12)	M10	190.0	093T40801012A
②	Alu color	9 (M8)	M12	209.0	093T40801208A
②	Alu color	14.5 (M12)	M12	188.0	093T40801212A
②	Alu color	9 (M8)	M14	203.0	093T40801408A
②	Alu color	14.5 (M12)	M14	182.0	093T40801412A
②	Alu color	9 (M8)	M16	199.0	093T40801608A
②	Alu color	14.5 (M12)	M16	178.0	093T40801612A
②	Alu color	9 (M8)	M20	195.0	093T40802008A



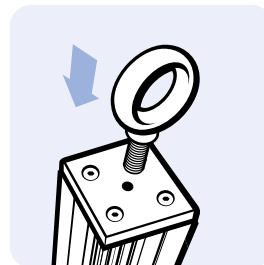
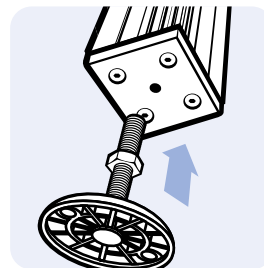
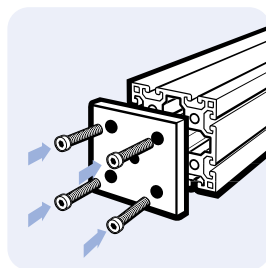
**TRANSPORT AND BASE PLATE ZN 80 X 80, PLAIN**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Powder coated Transport and Base Plate see 093T8080080S



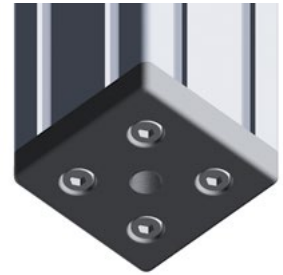
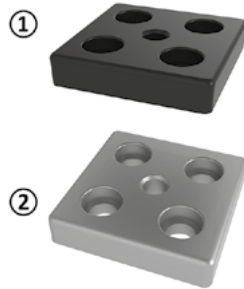
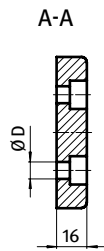
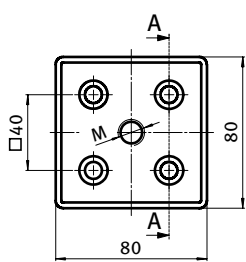
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	ØD [mm]	M	Weight [g]	Part #
	9 (M8)	M8	483.0	<a href="#">093T80800808R</a>
		M10	436.0	<a href="#">093T80801008R</a>
		M12	433.0	<a href="#">093T80801208R</a>
	14.5 (M12)	M12	380.0	<a href="#">093T80801212R</a>
	9 (M8)	M14	437.0	<a href="#">093T80801408R</a>
		M16	425.0	<a href="#">093T80801608R</a>
	14.5 (M12)	M16	367.0	<a href="#">093T80801612R</a>
	9 (M8)	M20	416.0	<a href="#">093T80802008R</a>
		M20	353.0	<a href="#">093T80802012R</a>



**TRANSPORT AND BASE PLATE ZN 80 X 80, POWDER COATED**

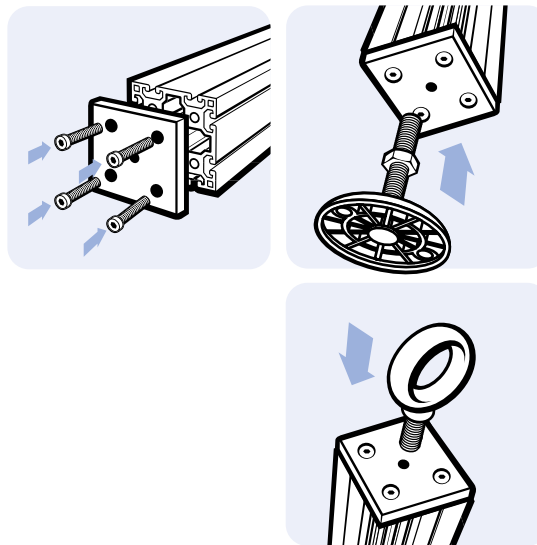
<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Plain Transport and Base Plate see 093T80800808R



TRANSPORT AND BASE PLATE ZN 80 X 80, POWDER COATED

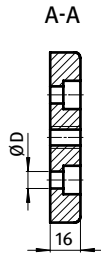
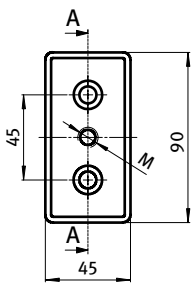
Fig.	Color	ØD [mm]	M	Weight [g]	Part #
①	Black	9 (M8)	M8	483.0	093T80800808S
①	Black	9 (M8)	M10	436.0	093T80801008S
①	Black	14.5 (M12)	M10	382.0	093T80801012S
①	Black	9 (M8)	M12	433.0	093T80801208S
①	Black	14.5 (M12)	M12	380.0	093T80801212S
①	Black	9 (M8)	M14	437.0	093T80801408S
①	Black	9 (M8)	M16	425.0	093T80801608S
①	Black	14.5 (M12)	M16	367.0	093T80801612S
①	Black	9 (M8)	M20	416.0	093T80802008S
②	Alu color	9 (M8)	M8	483.0	093T80800808A
②	Alu color	14.5 (M12)	M8	433.0	093T80800812A
②	Alu color	9 (M8)	M10	436.0	093T80801008A
②	Alu color	14.5 (M12)	M10	382.0	093T80801012A
②	Alu color	9 (M8)	M12	433.0	093T80801208A
②	Alu color	14.5 (M12)	M12	380.0	093T80801212A
②	Alu color	9 (M8)	M14	437.0	093T80801408A
②	Alu color	14.5 (M12)	M14	374.0	093T80801412A
②	Alu color	9 (M8)	M16	425.0	093T80801608A
②	Alu color	14.5 (M12)	M16	367.0	093T80801612A
②	Alu color	9 (M8)	M20	416.0	093T80802008A
②	Alu color	14.5 (M12)	M20	353.0	093T80802012A

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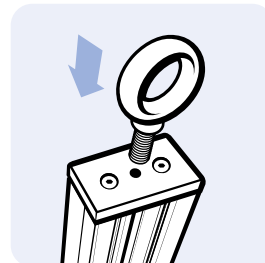
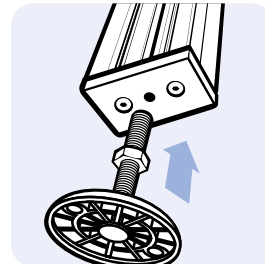
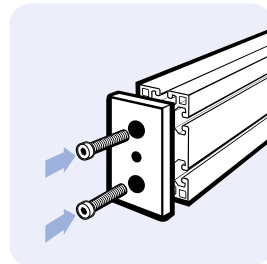


**TRANSPORT AND BASE PLATE ZN 45 X 90, PLAIN**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Powder coated Transport and Base Plate see 093T45901008S



	ØD [mm]	M	Weight [g]	Part #
	9 (M8)	M10	280.0	093T45901008R
	14.5 (M12)	M10	257.0	093T45901012R
	9 (M8)	M12	276.0	093T45901208R
	14.5 (M12)	M12	255.0	093T45901212R
		M14	253.0	093T45901412R
	9 (M8)	M16	266.0	093T45901608R
	14.5 (M12)	M16	247.0	093T45901612R
		M20	243.0	093T45902012R



**TRANSPORT AND BASE PLATE ZN 45 X 90, POWDER COATED**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Plain Transport and Base Plate see 093T45901008R

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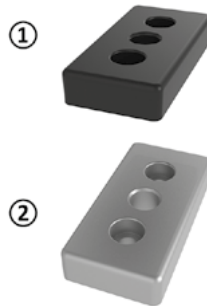
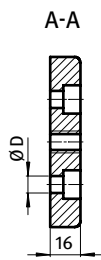
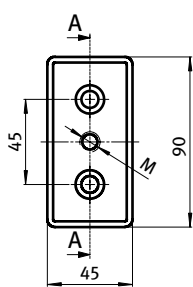
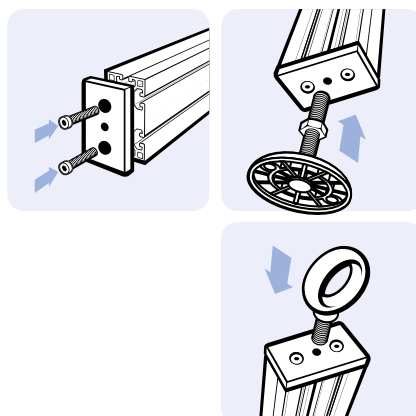
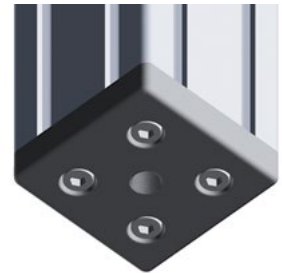
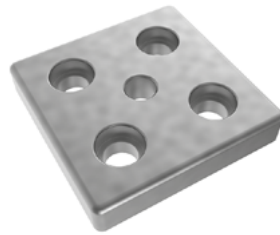
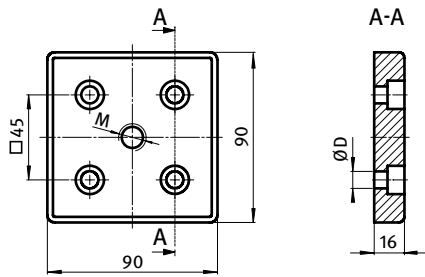


Fig.	Color	ØD [mm]	M	Weight [g]	Part #
①	Black	9 (M8)	M10	280.0	<a href="#">093T45901008S</a>
①	Black	14.5 (M12)	M10	257.0	<a href="#">093T45901012S</a>
①	Black	9 (M8)	M12	276.0	<a href="#">093T45901208S</a>
①	Black	14.5 (M12)	M12	255.0	<a href="#">093T45901212S</a>
①	Black	14.5 (M12)	M14	253.0	<a href="#">093T45901412S</a>
①	Black	9 (M8)	M16	266.0	<a href="#">093T45901608S</a>
①	Black	14.5 (M12)	M16	247.0	<a href="#">093T45901612S</a>
①	Black	14.5 (M12)	M20	243.0	<a href="#">093T45902012S</a>
②	Alu color	9 (M8)	M10	280.0	<a href="#">093T45901008A</a>
②	Alu color	14.5 (M12)	M10	257.0	<a href="#">093T45901012A</a>
②	Alu color	9 (M8)	M12	276.0	<a href="#">093T45901208A</a>
②	Alu color	14.5 (M12)	M12	255.0	<a href="#">093T45901212A</a>
②	Alu color	9 (M8)	M14	270.0	<a href="#">093T45901408A</a>
②	Alu color	14.5 (M12)	M14	253.0	<a href="#">093T45901412A</a>
②	Alu color	9 (M8)	M16	266.0	<a href="#">093T45901608A</a>
②	Alu color	14.5 (M12)	M16	247.0	<a href="#">093T45901612A</a>
②	Alu color	9 (M8)	M20	256.0	<a href="#">093T45902008A</a>
②	Alu color	14.5 (M12)	M20	243.0	<a href="#">093T45902012A</a>

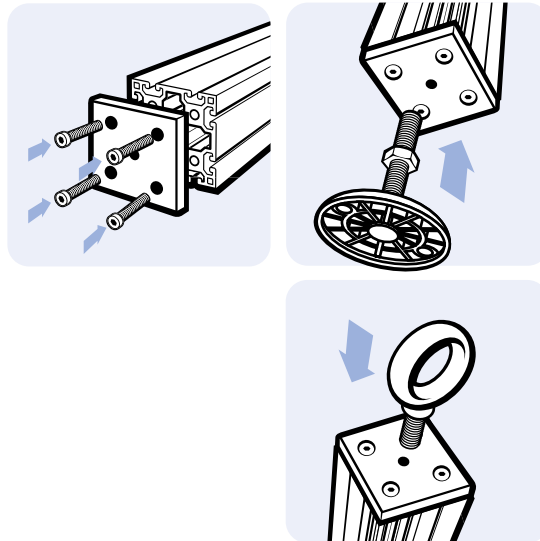


**TRANSPORT AND BASE PLATE ZN 90 X 90, PLAIN**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Powder coated Transport and Base Plate see 093T90901008S



ØD [mm]	M	Weight [g]	Part #
9 (M8)	M12	520.0	<a href="#">093T90901208R</a>
14.5 (M12)	M12	480.0	<a href="#">093T90901212R</a>
9 (M8)	M16	516.0	<a href="#">093T90901608R</a>
14.5 (M12)	M16	471.0	<a href="#">093T90901612R</a>
	M20	463.0	<a href="#">093T90902012R</a>





**TRANSPORT AND BASE PLATE ZN 90 X 90, POWDER COATED**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Plain Transport and Base Plate see 093T90901008R

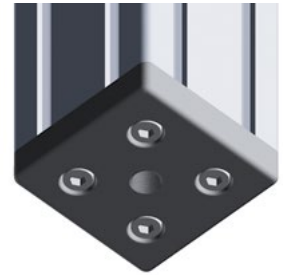
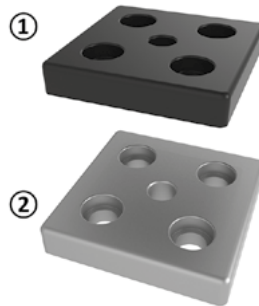
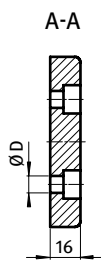
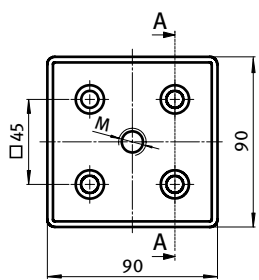
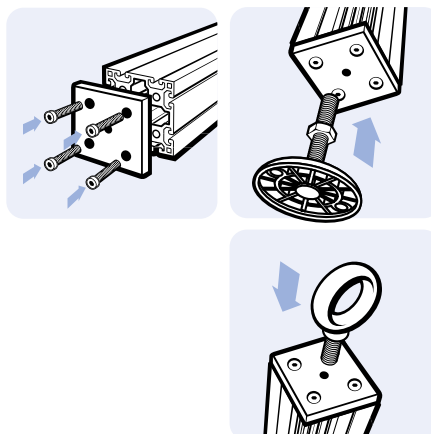
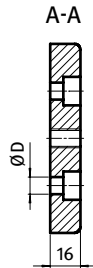
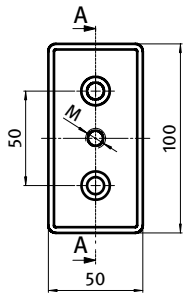


Fig.	Color	ØD [mm]	M	Weight [g]	Part #
①	Black	14.5 (M12)	M10	482.0	<a href="#">093T90901012S</a>
①	Black	9 (M8)	M12	520.0	<a href="#">093T90901208S</a>
①	Black	14.5 (M12)	M12	480.0	<a href="#">093T90901212S</a>
①	Black	9 (M8)	M14	519.0	<a href="#">093T90901408S</a>
①	Black	9 (M8)	M16	516.0	<a href="#">093T90901608S</a>
①	Black	14.5 (M12)	M16	471.0	<a href="#">093T90901612S</a>
①	Black	14.5 (M12)	M20	463.0	<a href="#">093T90902012S</a>
②	Alu color	9 (M8)	M10	522.0	<a href="#">093T90901008A</a>
②	Alu color	14.5 (M12)	M10	482.0	<a href="#">093T90901012A</a>
②	Alu color	9 (M8)	M12	520.0	<a href="#">093T90901208A</a>
②	Alu color	14.5 (M12)	M12	480.0	<a href="#">093T90901212A</a>
②	Alu color	9 (M8)	M14	519.0	<a href="#">093T90901408A</a>
②	Alu color	14.5 (M12)	M14	475.0	<a href="#">093T90901412A</a>
②	Alu color	9 (M8)	M16	516.0	<a href="#">093T90901608A</a>
②	Alu color	14.5 (M12)	M16	471.0	<a href="#">093T90901612A</a>
②	Alu color	9 (M8)	M20	510.0	<a href="#">093T90902008A</a>
②	Alu color	14.5 (M12)	M20	463.0	<a href="#">093T90902012A</a>

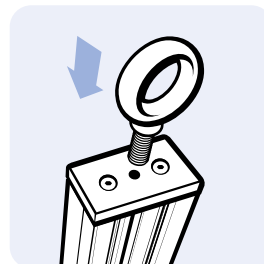
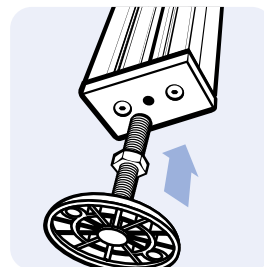
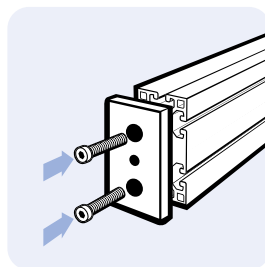


**TRANSPORT AND BASE PLATE ZN 50 X 100, PLAIN**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Powder coated Transport and Base Plate see 093T501001010S

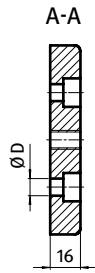
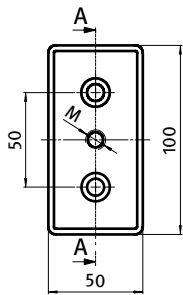


	ØD [mm]	M	Weight [g]	Part #
	11 (M10)	M10	310.0	<a href="#">093T501001010R</a>
	14.5 (M12)	M16	280.0	<a href="#">093T501001612R</a>



**TRANSPORT AND BASE PLATE ZN 50 X 100, POWDER COATED**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Plain Transport and Base Plate see 093T501001010R

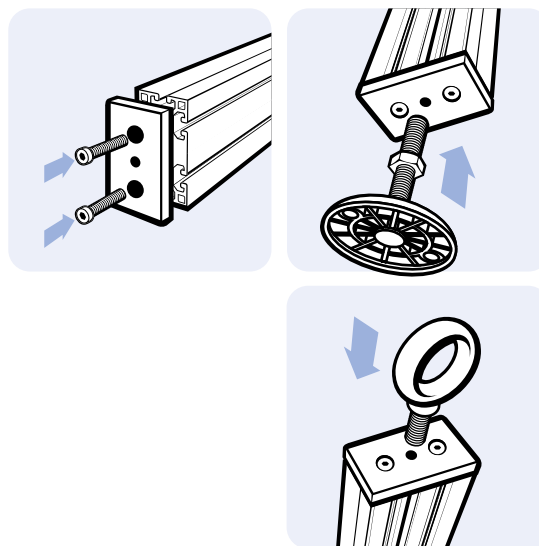


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**TRANSPORT AND BASE PLATE ZN 50 X 100, POWDER COATED**

Fig.	Color	ØD [mm]	M	Weight [g]	Part #
①	Black	11 (M10)	M10	310.0	<a href="#">093T501001010S</a>
①	Black	14.5 (M12)	M10	296.0	<a href="#">093T501001012S</a>
①	Black	11 (M10)	M12	306.0	<a href="#">093T501001210S</a>
①	Black	14.5 (M12)	M12	292.0	<a href="#">093T501001212S</a>
①	Black	11 (M10)	M14	300.0	<a href="#">093T501001410S</a>
①	Black	14.5 (M12)	M14	286.0	<a href="#">093T501001412S</a>
①	Black	11 (M10)	M16	296.0	<a href="#">093T501001610S</a>
①	Black	14.5 (M12)	M16	280.0	<a href="#">093T501001612S</a>
①	Black	11 (M10)	M20	289.0	<a href="#">093T501002010S</a>
①	Black	14.5 (M12)	M20	273.0	<a href="#">093T501002012S</a>
②	Alu color	11 (M10)	M10	310.0	<a href="#">093T501001010A</a>
②	Alu color	14.5 (M12)	M10	296.0	<a href="#">093T501001012A</a>
②	Alu color	11 (M10)	M12	306.0	<a href="#">093T501001210A</a>
②	Alu color	14.5 (M12)	M12	292.0	<a href="#">093T501001212A</a>
②	Alu color	11 (M10)	M14	300.0	<a href="#">093T501001410A</a>
②	Alu color	14.5 (M12)	M14	286.0	<a href="#">093T501001412A</a>
②	Alu color	11 (M10)	M16	296.0	<a href="#">093T501001610A</a>
②	Alu color	14.5 (M12)	M16	280.0	<a href="#">093T501001612A</a>
②	Alu color	11 (M10)	M20	289.0	<a href="#">093T501002010A</a>
②	Alu color	14.5 (M12)	M20	273.0	<a href="#">093T501002012A</a>



**TRANSPORT AND BASE PLATE ZN 100 X 100, POWDER COATED**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To mount leveling feet, rollers, hooks or similar components; connects to the profile sideways
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Plain Transport and Base Plate see 093T1001001008R

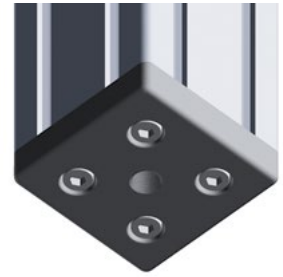
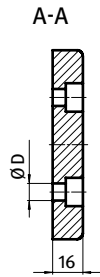
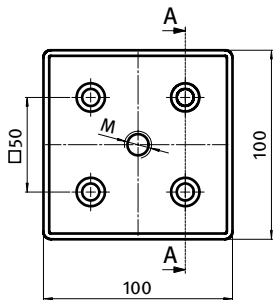
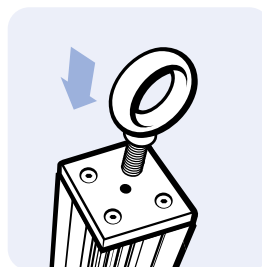
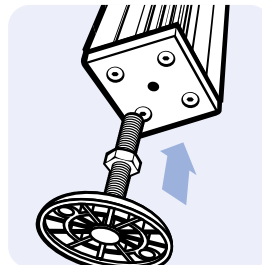
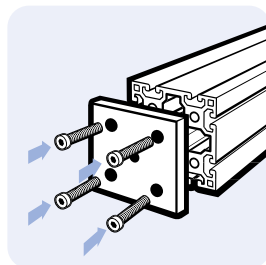
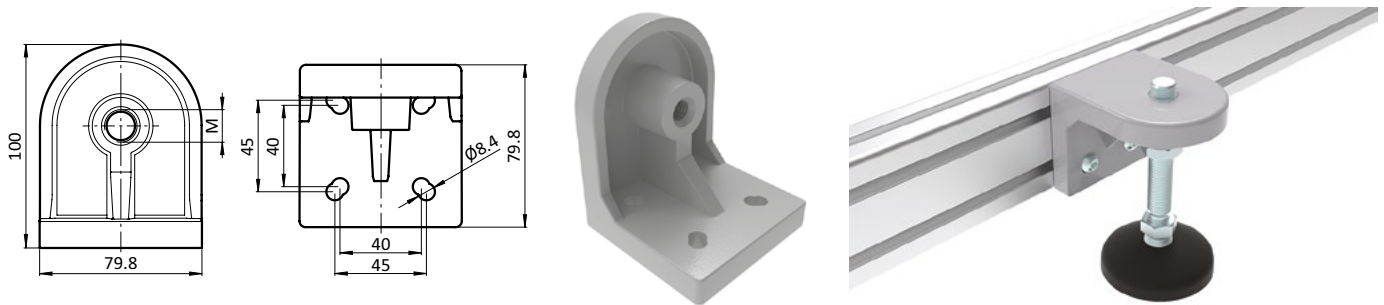


Fig.	Color	ØD [mm]	M	Weight [g]	Part #
①	Black	9 (M8)	M14	541.0	<a href="#">093T1001001408S</a>
①	Black	14.5 (M12)	M16	527.0	<a href="#">093T1001001612S</a>
①	Black	14.5 (M12)	M20	521.0	<a href="#">093T1001002012S</a>
②	Alu color	9 (M8)	M10	548.0	<a href="#">093T1001001008A</a>
②	Alu color	14.5 (M12)	M10	541.0	<a href="#">093T1001001012A</a>
②	Alu color	9 (M8)	M12	545.0	<a href="#">093T1001001208A</a>
②	Alu color	14.5 (M12)	M12	538.0	<a href="#">093T1001001212A</a>
②	Alu color	9 (M8)	M14	541.0	<a href="#">093T1001001408A</a>
②	Alu color	14.5 (M12)	M14	531.0	<a href="#">093T1001001412A</a>
②	Alu color	9 (M8)	M16	540.0	<a href="#">093T1001001608A</a>
②	Alu color	14.5 (M12)	M16	527.0	<a href="#">093T1001001612A</a>
②	Alu color	9 (M8)	M20	531.0	<a href="#">093T1001002008A</a>
②	Alu color	14.5 (M12)	M20	521.0	<a href="#">093T1001002012A</a>



**LEVELING FOOT BRACKET 80/90 X 100**

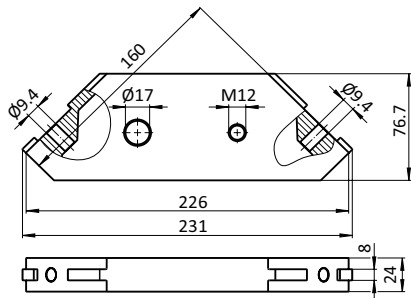
<b>MODEL</b>	Aluminum die-cast, profile 80 and up
<b>DESCRIPTION</b>	For height-adjustable mounting of leveling feet on the side of the profile frame, for small floor distance and low center of gravity
<b>MATERIAL</b>	Leveling foot bracket: Aluminum die-cast Centering piece: Zinc die-cast
<b>SURFACE</b>	Leveling foot bracket: Powder coated Centering piece: Plain
<b>COLOR</b>	Alu color
<b>ASSEMBLY SET</b>	2 centering pieces - slot 8 to slot 10
<b>PACK QUANTITY</b>	10 pieces / 10 set



	Version	M	Weight [g]	Part #
		M12	381.0	<a href="#">093BA1001D80M12</a>
		M16	374.0	<a href="#">093BA1001D80M16</a>
	incl. assembly set	M12	374.1	<a href="#">093BA1001D80M12S01</a>
		M16	381.1	<a href="#">093BA1001D80M16S01</a>

**BRACING PLATE 90°**

<b>MODEL</b>	Slot 8, aluminum die-cast
<b>DESCRIPTION</b>	The Bracing Plate is used for leveling and floor mounting of machine frames.
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces

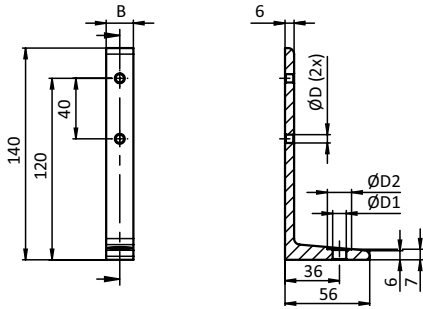


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Weight [g]	Profile	Part #
618.0	I	<a href="#">093BP2301N08S</a>

**FLOOR BRACKET AL 140, 1 SLOT VERSION**

<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To securely fix aluminum profiles to the floor
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces

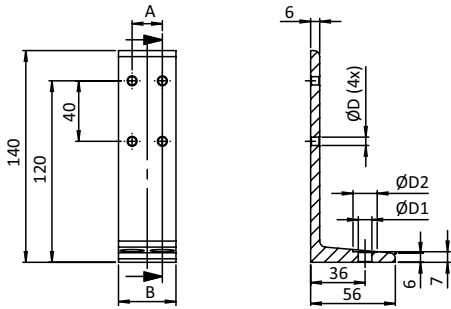


B [mm]	ØD [mm]	for Profile	ØD1 [mm]	ØD2 [mm]	Weight [g]	Part #
18.0	5.5	20	9.0	16.0	57.0	<a href="#">093BA14020</a>
23.0 (0.91")	7.0	25 - 1.0"	9.0	16.0	74.5	<a href="#">093BA14025</a>
27.0	7.0	30	11.0	22.0	92.0	<a href="#">093BA14030</a>
34.0 (1.3")	9.0	38.1 - 1.5"	13.5	28.0	107.6	<a href="#">093BA14038</a>
36.0	9.0	40	13.5	28.0	111.0	<a href="#">093BA14040</a>
41.0	9.0	45	13.5	29.5	127.0	<a href="#">093BA14045</a>



**FLOOR BRACKET AL 140, 2 SLOTS VERSION**

<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To securely fix aluminum profiles to the floor
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces



A [mm]	B [mm]	ØD [mm]	for Profile	ØD1 [mm]	ØD2 [mm]	Weight [g]	Part #
20.0	38.0	5.5	20	9.0	16.0	119.0	<a href="#">093BA140D40</a>
30.0	57.0	7.0	30	11.0	22.0	178.5	<a href="#">093BA140D60</a>
38.1 (1.5")	72.0 (2.8")	9.0	38.1 - 1.5"	13.5	28.0	225.0	<a href="#">093BA140D76</a>
40.0	76.0	9.0	40	13.5	28.0	236.0	<a href="#">093BA140D80</a>
45.0	86.0	9.0	45	13.5	28.0	267.0	<a href="#">093BA140D90</a>

**FLOOR BRACKET AL 30**

<b>MODEL</b>	Aluminum die-cast, profile 30 and up
<b>DESCRIPTION</b>	To securely fix aluminum profiles to the floor, can also be used to connect two aluminum profiles at right angle
<b>MATERIAL</b>	Floor bracket: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced Centering piece: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Floor bracket: Plain
<b>COLOR</b>	Cover cap: Black Centering piece: Natural
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

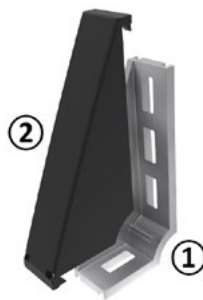
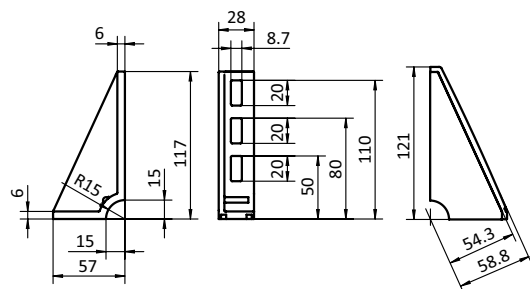
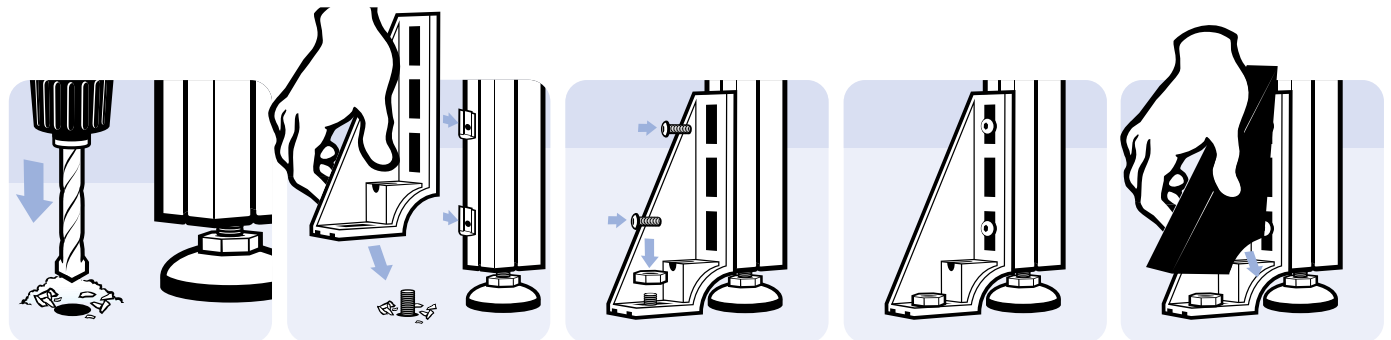
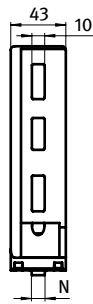
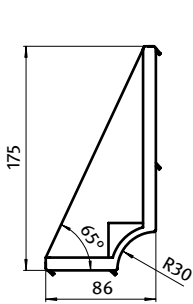


Fig.	Version	Slot	Weight [g]	Part #
①			90.4	093W1171L
①		6	90.6	093W1171LN06
①		8	90.7	093W1171LN08
	8 / 10		1.0	093W03
②	Cover cap		23.0	093WA1171L



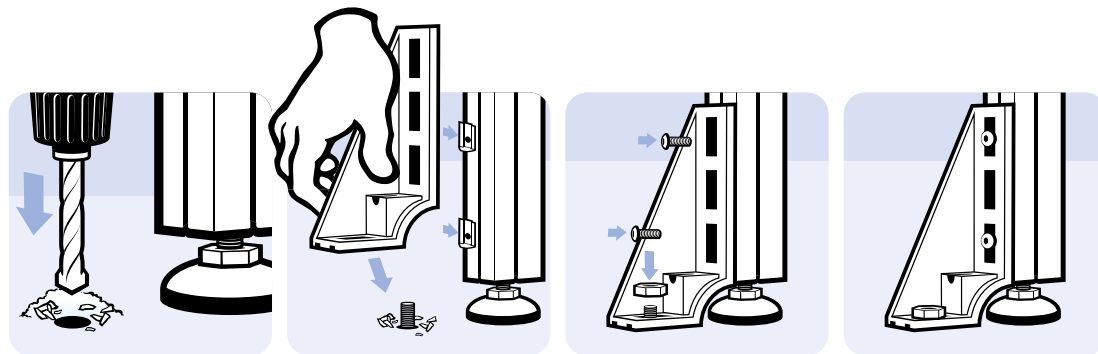
FLOOR BRACKET AL 45

<b>MODEL</b>	Aluminum die-cast, profile 45 and up
<b>DESCRIPTION</b>	To securely fix aluminum profiles to the floor, can also be used to connect two aluminum profiles at right angle
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



1

Slot	Weight [g]	Part #
10	283.0	093W1751LN10



**FLOOR BRACKET ZN 120**

<b>MODEL</b>	Zinc die-cast, profile 30 and up
<b>DESCRIPTION</b>	To securely fix aluminum profiles to the floor
<b>MATERIAL</b>	Floor bracket: Zinc die-cast Assembly set: Steel
<b>SURFACE</b>	Floor bracket: Plain / powder coated Assembly set: Zinc plated
<b>COLOR</b>	Black, alu color, -
<b>ASSEMBLY SET</b>	1 floor bracket 120, 1 T-slot nut - Nut 6 - M6, 1 screw ISO 7380 - M6 x 60
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

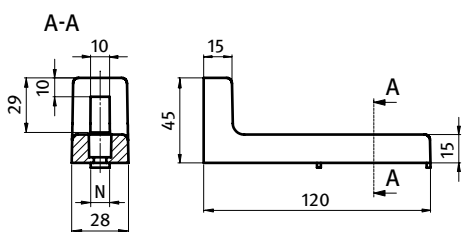
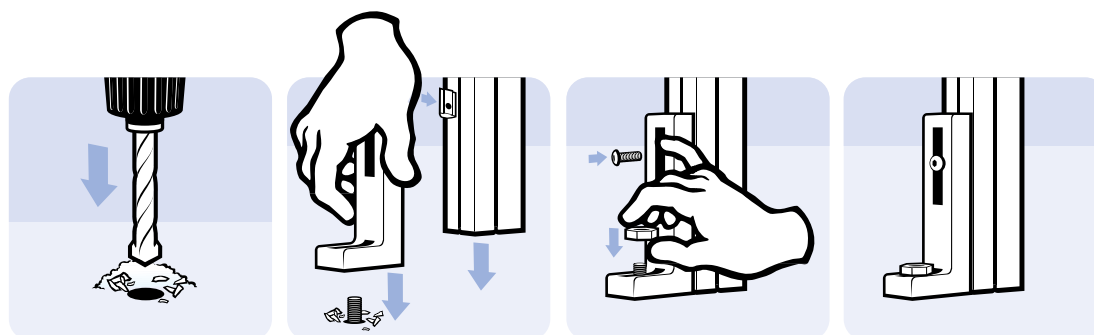


Fig.	Surface	Color	Assembly Set	N	Weight [g]	Part #
①	Plain			6	190.0	<a href="#">093B1201N06R</a>
①	Plain			8	190.0	<a href="#">093B1201N08R</a>
①	Plain			10	190.0	<a href="#">093B1201N10R</a>
②	Powder coated	Black		6	190.0	<a href="#">093B1201N06S</a>
②	Powder coated	Black		8	190.0	<a href="#">093B1201N08S</a>
②	Powder coated	Black		10	190.0	<a href="#">093B1201N10S</a>
②	Powder coated	Black	incl. assembly set	6	198.1	<a href="#">093B1201N06SS02</a>
③	Powder coated	Alu color		6	190.0	<a href="#">093B1201N06A</a>



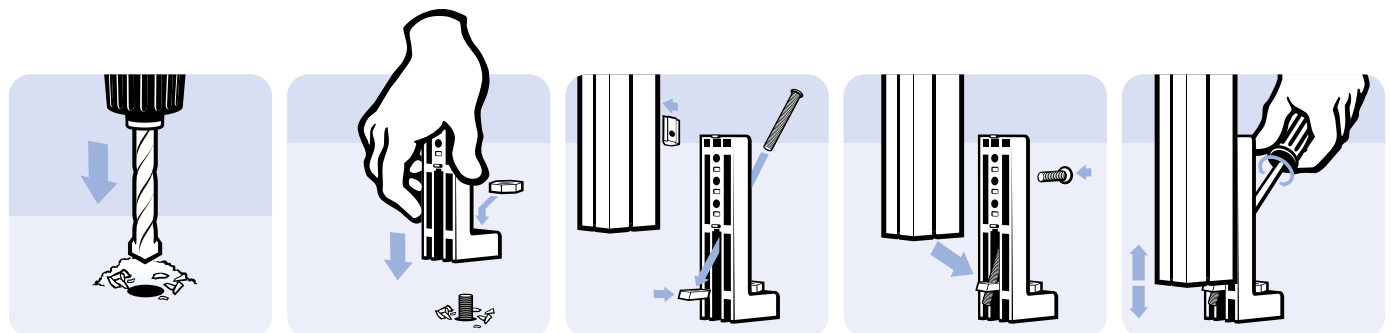
**FLOOR BRACKET ZN 120, ADJUSTABLE (SET)**

<b>MODEL</b>	Zinc die-cast, profile 30 and up
<b>DESCRIPTION</b>	To fix aluminum profiles to the floor vertically adjustable; with adjustment screw and threaded plate
<b>MATERIAL</b>	Floor bracket: Zinc die-cast Assembly set: Steel
<b>SURFACE</b>	Floor bracket: Plain / powder coated Assembly set: Zinc plated
<b>COLOR</b>	Black, alu color, -
<b>SET</b>	1 floor bracket 120, 1 adjusting screw, 1 adjusting plate
<b>ASSEMBLY SET</b>	1 floor bracket 120, adjustable (set), 1 T-slot nut - Nut 6 - M6, 1 screw ISO 7380 - M6 x 60
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request

1



Fig.	Surface	Color	Assembly Set	Lifting Height [mm]	N	Weight [g]	Part #
①	Plain			52.0	6	88.0	<a href="#">093B1201N06RS01</a>
①	Plain			52.0	8	88.0	<a href="#">093B1201N08RS01</a>
②	Powder coated	Black		52.0	6	88.0	<a href="#">093B1201N06SS01</a>
②	Powder coated	Black		52.0	8	88.0	<a href="#">093B1201N08SS01</a>
②	Powder coated	Black		52.0	10	88.0	<a href="#">093B1201N10SS01</a>
②	Powder coated	Black	incl. assembly set	52.0	6	96.3	<a href="#">093B1201N06SS03</a>
③	Powder coated	Alu color		52.0	6	88.0	<a href="#">093B1201N06AS01</a>



**FLOOR BRACKET ZN 160**

<b>MODEL</b>	Zinc die-cast, profile 40 and up
<b>DESCRIPTION</b>	To securely fix aluminum profiles to the floor
<b>MATERIAL</b>	Floor bracket: Zinc die-cast Assembly set: Steel
<b>SURFACE</b>	Floor bracket: Plain / powder coated Assembly set: Zinc plated
<b>COLOR</b>	Black, alu color, -
<b>ASSEMBLY SET</b>	1 floor bracket 160, 1 T-slot nut - Nut 8 - M8, 1 screw ISO 7380 - M8 x 80
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

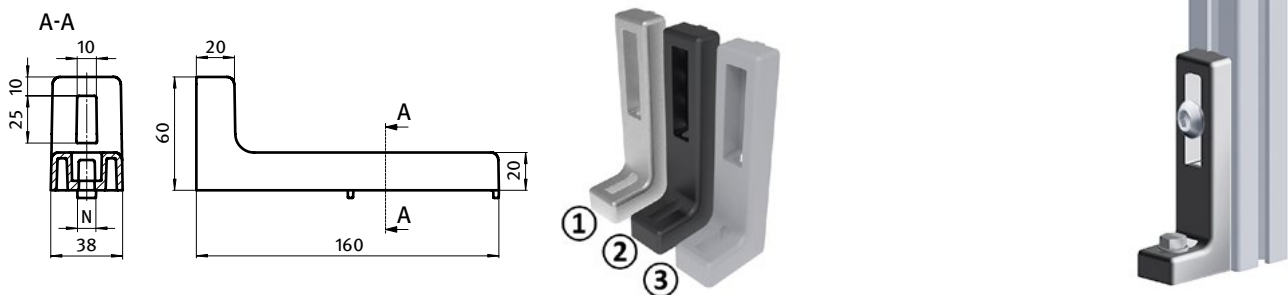
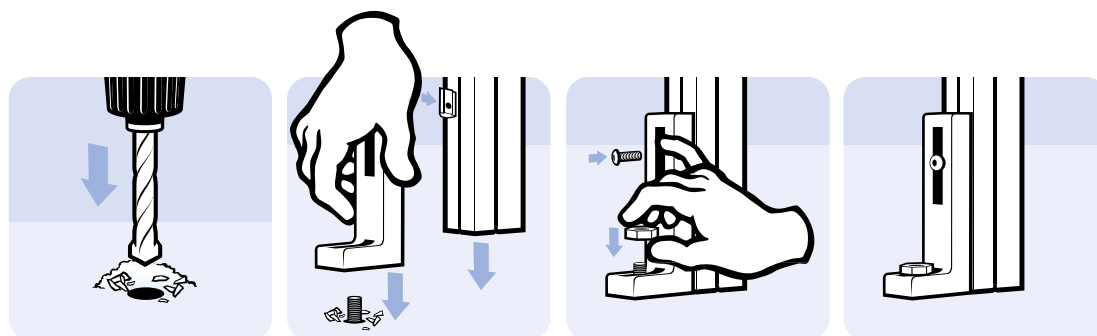


Fig.	Surface	Color	Assembly Set	N	Weight [g]	Part #
①	Plain			8	110.0	<a href="#">093B1601N08R</a>
①	Plain			10	110.0	<a href="#">093B1601N10R</a>
②	Powder coated	Black		8	110.0	<a href="#">093B1601N08S</a>
②	Powder coated	Black		10	110.0	<a href="#">093B1601N10S</a>
②	Powder coated	Black	incl. assembly set	8	535.0	<a href="#">093B1601N08SS05</a>
③	Powder coated	Alu color		8	110.0	<a href="#">093B1601N08A</a>



**FLOOR BRACKET ZN 160, ADJUSTABLE (SET)**

<b>MODEL</b>	Zinc die-cast, profile 40 and up
<b>DESCRIPTION</b>	To fix aluminum profiles to the floor vertically adjustable; with adjustment screw and threaded plate
<b>MATERIAL</b>	Floor bracket: Zinc die-cast Assembly set: Steel
<b>SURFACE</b>	Floor bracket: Plain / powder coated Assembly set: Zinc plated
<b>COLOR</b>	Black, alu color, -
<b>SET</b>	1 floor bracket 160, 1 adjusting screw, 1 adjusting plate
<b>ASSEMBLY SET</b>	1 floor bracket 160, adjustable (set), 1 T-slot nut - Nut 8 - M8, 1 screw ISO 7380 - M8 x 80
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request

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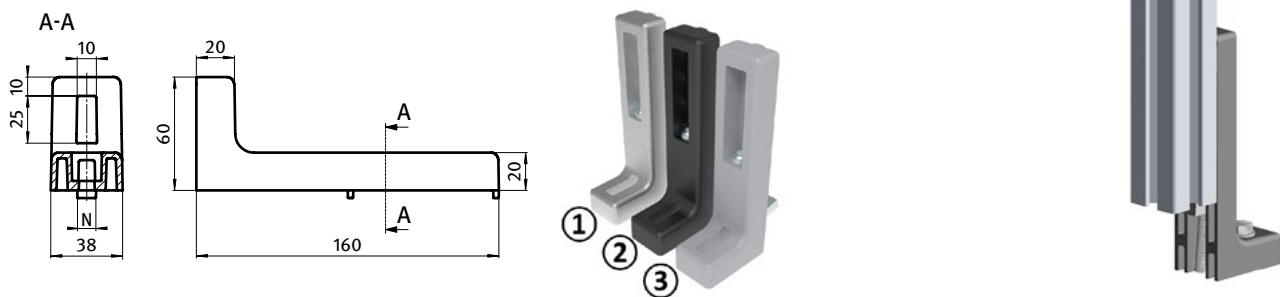
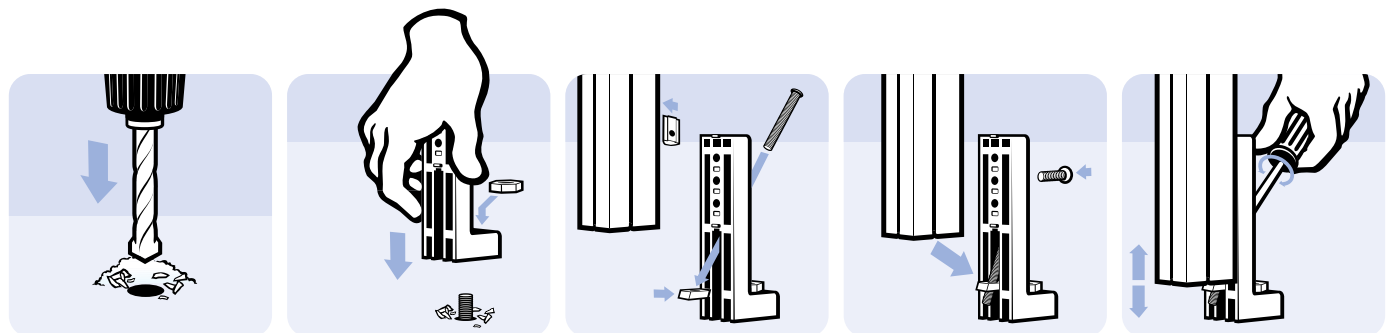
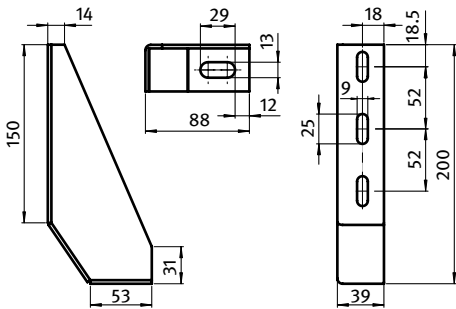


Fig.	Surface	Color	Assembly Set	Lifting Height [mm]	N	Weight [g]	Part #
①	Plain			72.0	8	505.0	<a href="#">093B1601N08RS01</a>
①	Plain			72.0	10	510.0	<a href="#">093B1601N10RS01</a>
②	Powder coated	Black		72.0	8	505.0	<a href="#">093B1601N08SS01</a>
②	Powder coated	Black		72.0	10	510.0	<a href="#">093B1601N10SS01</a>
②	Powder coated	Black	incl. assembly set	72.0	8	535.0	<a href="#">093B1601N08SS02</a>
③	Powder coated	Alu color		72.0	8	505.0	<a href="#">093B1601N08AS01</a>



**FLOOR BRACKET ST 200**

<b>MODEL</b>	Steel, profile 40 and up
<b>DESCRIPTION</b>	To securely fix aluminum profiles to the floor
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated / powder coated
<b>COLOR</b>	Black, -
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

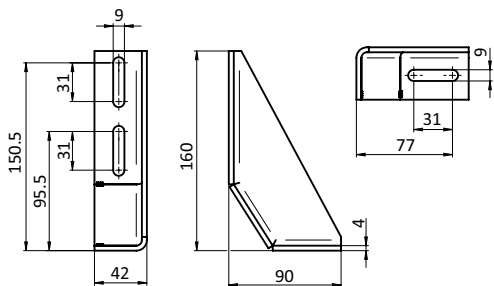


Surface	Color	Weight [g]	Part #
Zinc plated		456.0	<a href="#">093B2001V</a>
Powder coated	Black	456.0	<a href="#">093B2001S</a>



**FLOOR BRACKET ST 160**

<b>MODEL</b>	Steel, profile 45 and up
<b>DESCRIPTION</b>	To securely fix aluminum profiles to the floor
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated / powder coated
<b>COLOR</b>	Black, -
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

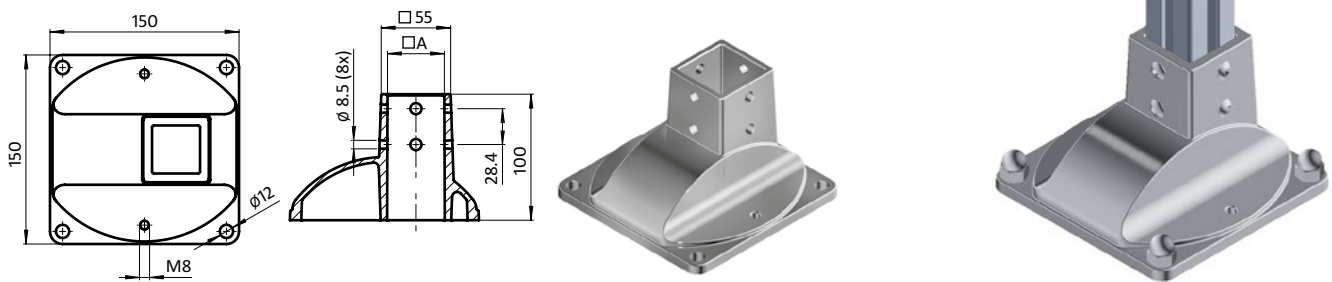


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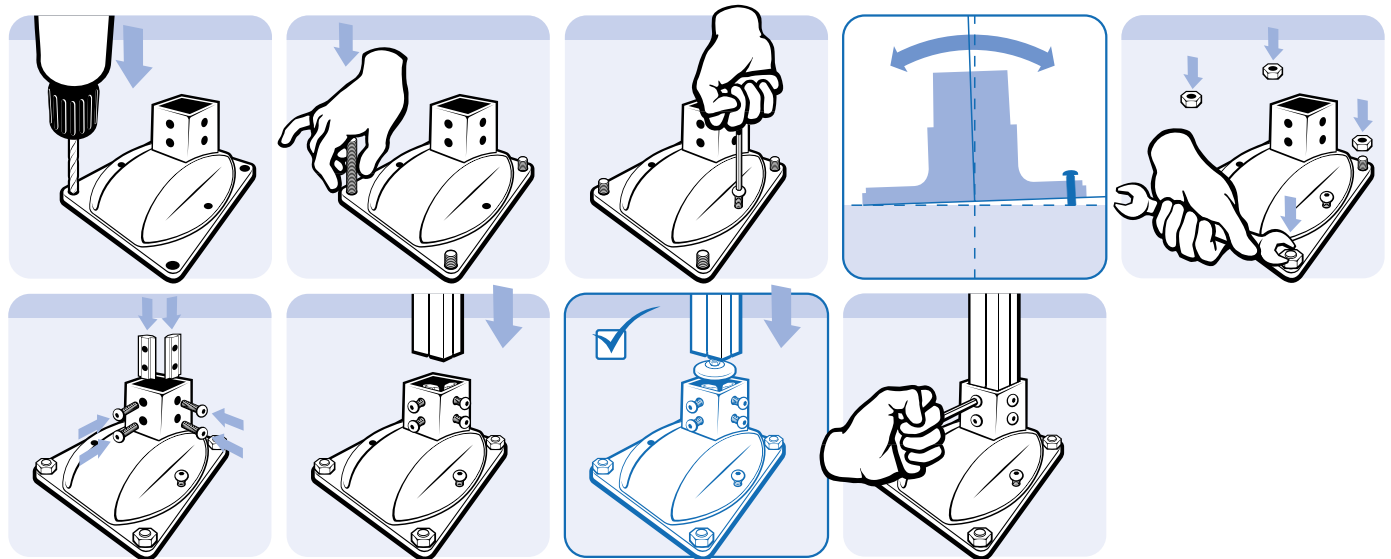
Surface	Color	Weight [g]	Part #
Zinc plated		423.0	<a href="#">093B2002V</a>
Powder coated	Black	423.0	<a href="#">093B2002S</a>

FLOOR MOUNT BASE

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To mount aluminum profiles as posts
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Double T-Slot Nut for Floor Mount Base see 096060S54

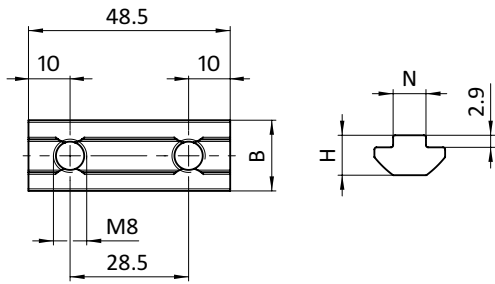


A [mm]	for Profile	Weight [g]	Part #
38.3 [1.51"]	38 - 1.5"	980.0	<b>098G38150A</b>
40.3	40	940.0	<b>098G40150A</b>
45.3	45	820.0	<b>098G45150A</b>



**DOUBLE T-SLOT NUT FOR FLOOR MOUNT BASE**

<b>MODEL</b>	Self-aligning, steel
<b>DESCRIPTION</b>	Double T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request
<b>TIP</b>	Compatible Floor Mount Base see 098G38150A

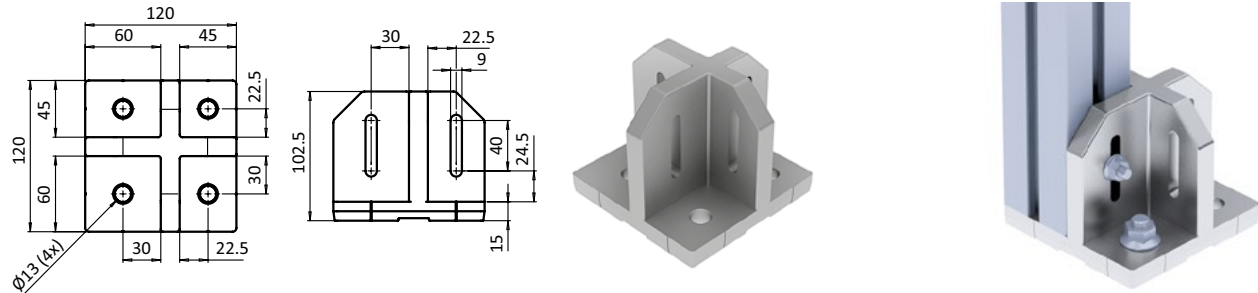


1

B [mm]	H [mm]	N	Weight [g]	Profile	Part #
17.0	9.6	8	39.0	I	<a href="#">096060S54</a>
19.0	10.6	10	49.5	B	<a href="#">096030S41</a>

**FOOT CONSOLE 45 / 60 - 120**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To mount aluminum profiles as posts
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Hammer Screw see 096HK1045M0830 Compatible Flange Nut see 340ME154



**Weight [g]**

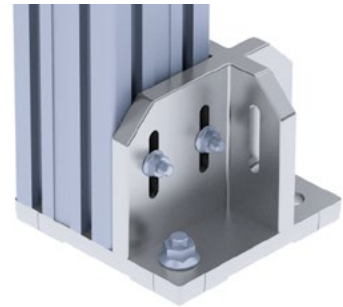
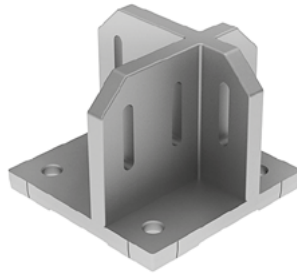
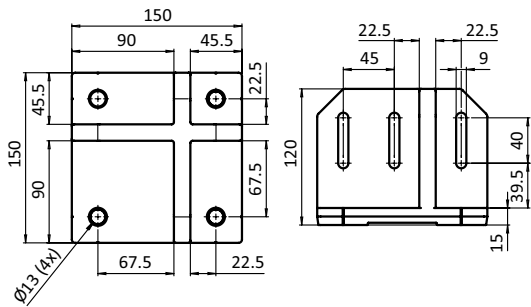
**Part #**

1083.0

**098G4560X120A**

**FOOT CONSOLE 45 / 90 - 150**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To mount aluminum profiles as posts
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Hammer Screw see 096HK1045M0830; Compatible Flange Nut see 340ME154



1

**Weight [g]**

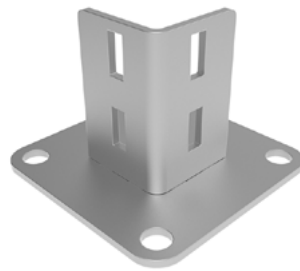
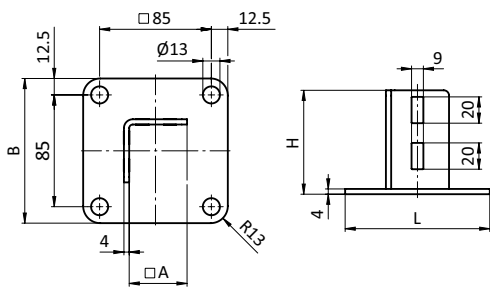
**Part #**

1719.0

**098G4590X150A**

**FOOT CONSOLE ST 40 / 45 - 110**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To mount aluminum profiles as posts
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Hammer Screw Slot 8 see 096HK0830M0820 Compatible Hammer Screw Slot 10 see 096HK1030M0820 Compatible Flange Nut M8 see 340ME154

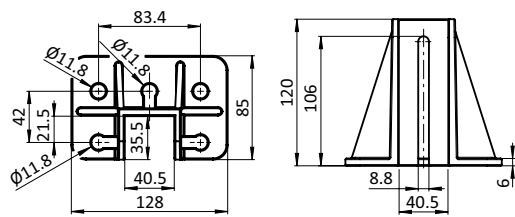


Surface	A [mm]	L x B x H [mm]	Weight [g]	Part #
Powder coated	40	110 x 110 x 79	543.5	<a href="#">098G40L110VS01</a>
	45	110 x 110 x 79	569.5	<a href="#">098G45L110VS01</a>

**PROFILE MOUNT BASE 40 - 85 X 128**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To mount aluminum profiles as posts or shelf beams
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Hammer Screw Slot 8 see 096HK0830M0820 Compatible Hammer Screw Slot 10 see 096HK1030M0820 Compatible Flange Nut M8 see 340ME154

1

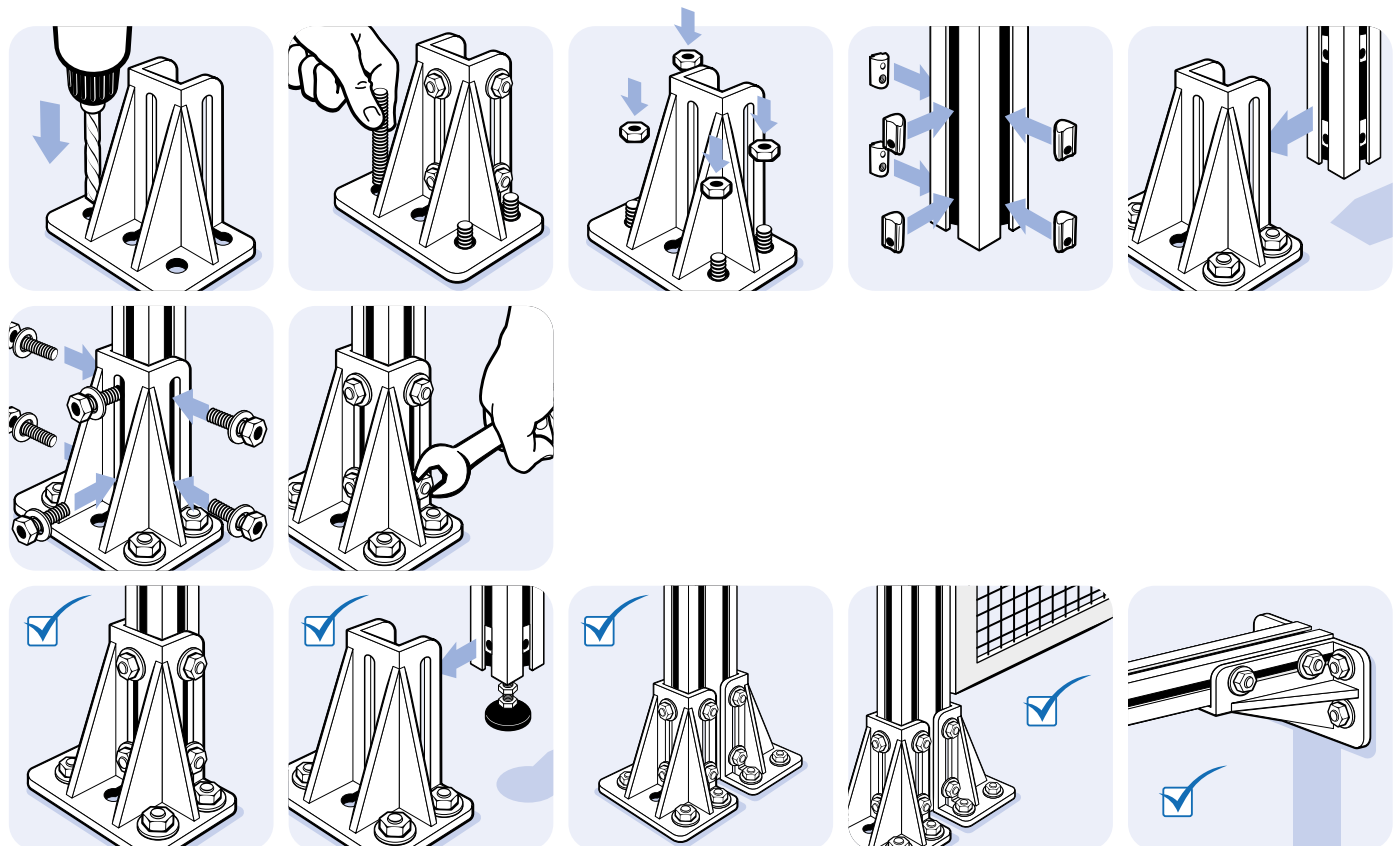


Weight [g]

Part #

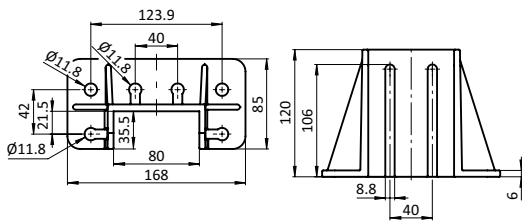
430.0

098G40L85128A



**PROFILE MOUNT BASE 80 - 85 X 168**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To mount aluminum profiles as posts or shelf beams
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Hammer Screw Slot 8 see 096HK0830M0820 Compatible Hammer Screw Slot 10 see 096HK1030M0820 Compatible Flange Nut M8 see 340ME154



**Weight [g]**

**Part #**

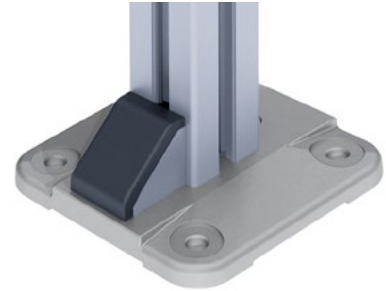
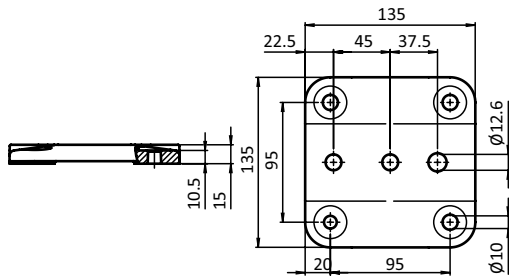
522.0

**098G4080L85168A**



**FOOT PLATE 45 / 60 / 90 - 135**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To mount aluminum profiles as posts
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Self Forming Screw 093S1230T Compatible Connecting Screw 093M1230 and 093M1230T



1

**Weight [g]**

**Part #**

348.0

**098G4560X135A**

## SWIVEL AND FIXED CASTERS

Precisely tailored to aluminum profiles with slot:  
**FATH Swivel and Fixed Casters in many versions for virtually any application**

- Three different wheel diameters/mounting heights
- Two different mountings
- Four different materials, three of which are also in ESD version
- Extra large 200 mm rollers for heavy loads
- All swivel casters with double brake
- Can be installed without protrusion

### HIGHLIGHTS

**FATH** has developed these swivel and fixed casters in cooperation with market leader Blickle specifically for use with aluminum profile systems. All housings and adapter plates are alu color powder coated and thus perfectly match the surface of anodized aluminum profiles.

**FATH** swivel and fixed casters are mounted either in conventional form with special adapter plates or with integrated mounting plates. This ensures fast, anti-twist installation on aluminum profiles with modular dimensions of 38 mm – 1.5", 40 mm and 45 mm and on heavy-duty rollers on aluminum profiles with modular dimensions of 80 mm and 90 mm – positive-locking without lateral protrusion.

All swivel casters are equipped with double brakes; the locking mechanism prevents the wheel from rolling and turning. The fixed casters are supplied without brakes. The heavy-duty swivel casters can also be supplied without double brakes if required. Choose from a wide range of versions to suit your requirements.

**FAST & FLEXIBLE ASSEMBLY**



### Extra large rollers for heavy loads

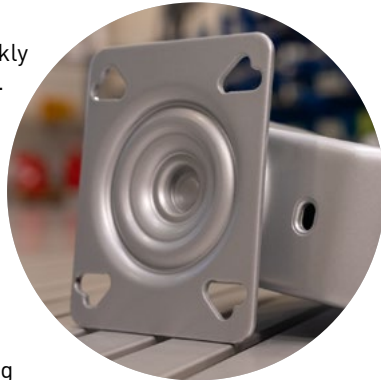
The latest addition to the family of **FATH** Swivel and Fixed Casters: Six extra large swivel and fixed casters with a wheel size of 200 mm have been developed for very heavy loads. These robust variants also roll optimally on floors with uneven surfaces, run smoothly and stay on track. The heavy-duty casters are available with plastic wheel bodies or with aluminum rims for extreme loads. The swivel casters are available with and without double brakes, the fixed casters have no brakes. The swivel housings or fixed housings of the heavy-duty casters are mounted directly to the aluminum profile with modular dimensions 80 mm und 90 mm.

DIFFERENT WHEELS FOR ALMOST

# EVERY FIELD OF APPLICATION

## Recommendend Mounting Material

The FATH swivel and fixed castors can be mounted quickly and secured against rotation. Due to the many different designs, the right solution is available for every application. The castors can be mounted by means of special adapter plates, but also with the help of integrated mounting plates. Depending on the aluminum profile, you need the following mounting material:



### 1. On the face side in a core hole, using the adapter plate:

- I 40:
  - 1 screw - M8 x 40;
  - 1 washer DIN EN ISO 7093 - 8.4
- B 40, B 45:
  - 1 screw - M12 x 40
  - 1 self-tapping screw - S12 x 40

### 2. Along the T-slot, using the adapter plate:

- I 40:
  - 1 screw M8 x 25;
  - 1 washer DIN EN ISO 7093 - 8.4;
  - 1 T-slot nut slot 8 - M8
- I 45:
  - 1 hammer screw M8 x 30;
  - 1 washer DIN EN ISO 7093 - 8.4;
  - 1 nut DIN EN ISO 10511 - M8
- B 40, B 45:
  - T-bolt M12 x 30;
  - 1 nut DIN EN ISO 10511 - M12

### 3. Along the T-slot, using the bolt holes:

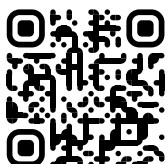
- I 40:
  - 1 screw M8 x 14;
  - 1 T-slot nut slot 8 - M8
- B 40, B 45:
  - 1 screw M8 x 14;
  - 1 T-slot nut slot 10 - M8

## Overview of available wheels



	TPE		TPE ESD		TPU		TPU ESD		Solid rubber		Solid rubber ESD		PA
	Floor-protecting				Pliable				High deformation elasticity				Chemical resistant*
Track marks	No				No				Yes				No
Shore hardness	85° Shore A				94° Shore A				80° Shore A				70° Shore D
electrostatically discharging			ESD				ESD				ESD		
Color of wheel body	Gray		Black		Gray		Black		Gray		Black		Black
Color of wheel tread	Gray		Gray		Black		Black		Gray		Black		Black
Rolling resistance	* * * *				* * * *				* * *				* * * * *
Rolling noise	* * *				* * *				* * * *				* *
Floor protection	* * *				* * *				* * * *				* *

\* Resistant to petroleum and alcohol based solvents



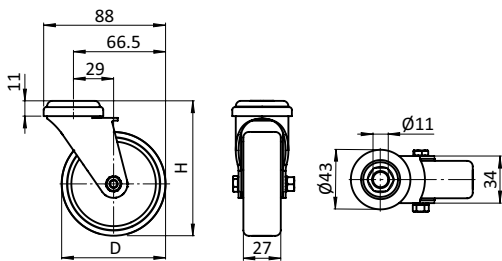
Get to know it better now!

swivel-caster.fath24.com



**SWIVEL CASTER Ø 75**

<b>MODEL</b>	With bolt hole pattern
<b>DESCRIPTION</b>	Reliable and quiet swivel caster, trackless, with thread guard; can be directly fixed to aluminum profiles or with an additional transport and base plate
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table
<b>SURFACE</b>	Housing: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: See table
<b>FASTENING</b>	For end face mounting, a suitable thread must be cut into the core hole
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request

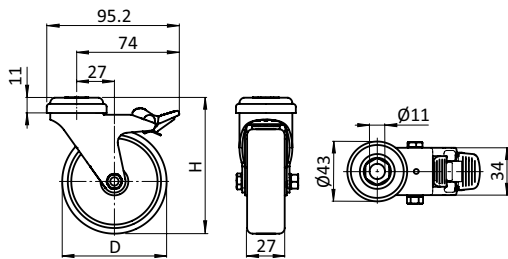


Swivel Caster Tread	ESD	D [mm]	Wheel Body	H [mm]	Max. Load [N]	Weight [g]	Part #
TPE, gray ≈ RAL 7001		75	PP, gray	98	700	262.0	<b>098S075TN</b>
TPE, gray ≈ RAL 7031	ESD	75	PP, black	98	490	261.0	<b>098S075TNESD</b>

**SWIVEL CASTER Ø 75 WITH SYSTEM BRAKE**

<b>MODEL</b>	With bolt hole pattern and system brake
<b>DESCRIPTION</b>	Reliable and quiet swivel caster, trackless, with thread guard; can be directly fixed to aluminum profiles or with an additional transport and base plate
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table
<b>SURFACE</b>	Housing: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: See table
<b>FASTENING</b>	For end face mounting, a suitable thread must be cut into the core hole
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request

1



Swivel Caster Tread	ESD	D [mm]	Wheel Body	H [mm]	Max. Load [N]	Weight [g]	Part #
TPE, gray ≈ RAL 7001		75	PP, gray	98	700	302.0	<b>098S075TDN</b>
TPE, gray ≈ RAL 7031	ESD	75	PP, black	98	490	302.0	<b>098S075TDNESD</b>

**SWIVEL CASTER Ø 80 / 100 / 125**

<b>MODEL</b>	With bolt hole; compatible with optional adapter plate S
<b>DESCRIPTION</b>	Reliable and quiet swivel caster, trackless (except solid rubber ESD electrostatical discharging), with ball bearings and thread guard; can be fixed to aluminum profiles; compatible with all swivel and fixed casters due to consistent height level with optional adapter plate S; no additional transport and base plate needed
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table Adapter plate: Zinc die-cast
<b>SURFACE</b>	Housing: Powder coated Adapter plate: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: Black, gray Adapter plate: Alu color
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request

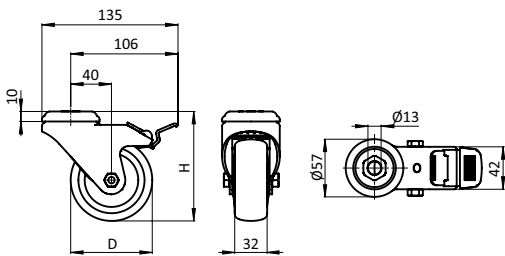


Swivel Caster Tread	ESD	D [mm]	Wheel Body	H [mm]	Max. Load [N]	Weight [g]	Part #
TPE, gray ≈ RAL 7031		80	PP, gray	108	1000	500.0	<a href="#">098S080TN</a>
		100	PP, gray	133	1100	580.0	<a href="#">098S100TN</a>
		125	PP, gray	158	1200	660.0	<a href="#">098S125TN</a>
	ESD	80	PP, black	108	650	500.0	<a href="#">098S080TNESD</a>
	ESD	100	PP, black	133	700	580.0	<a href="#">098S100TNESD</a>
	ESD	125	PP, black	158	800	660.0	<a href="#">098S125TNESD</a>
TPU, gray ≈ RAL 7024		80	PP, black	108	1200	520.0	<a href="#">098S080UN</a>
		100	PA, gray	133	1200	600.0	<a href="#">098S100UN</a>
		125	PA, gray	158.0	1200	700.0	<a href="#">098S125UN</a>
	ESD	80	PA, black	108	1000	520.0	<a href="#">098S080UNESD</a>
	ESD	100	PA, black	133	1200	620.0	<a href="#">098S100UNESD</a>
	ESD	125	PA, black	158	1200	700.0	<a href="#">098S125UNESD</a>
Solid rubber, gray ≈ RAL 7001		80	PA, black	108	800	520.0	<a href="#">098S080GN</a>
		100	PA, black	133	1100	660.0	<a href="#">098S100GN</a>
		125	PA, black	158	1000	800.0	<a href="#">098S125GN</a>
Solid rubber, black	ESD	80	PA, black	108	600	520.0	<a href="#">098S080GNESD</a>
	ESD	100	PA, black	133	800	740.0	<a href="#">098S100GNESD</a>
	ESD	125	PA, black	158	750	620.0	<a href="#">098S125GNESD</a>
PA, black; *with slide bearings		80	PA, black	108	1000	440.0	<a href="#">098S080AN</a>
		100	PA, black	133	1200	560.0	<a href="#">098S100AN</a>
		125	PA, black	158	1200	620.0	<a href="#">098S125AN</a>

**SWIVEL CASTER Ø 80 / 100 / 125 WITH SYSTEM BRAKE**

<b>MODEL</b>	With bolt hole and system brake; compatible with optional adapter plate S
<b>DESCRIPTION</b>	Reliable and quiet swivel caster, trackless (except solid rubber ESD electrostatical discharging), with ball bearings and thread guard; can be fixed to aluminum profiles; compatible with all swivel and fixed casters due to consistent height level with optional adapter plate S; no additional transport and base plate needed
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table Adapter plate: Zinc die-cast
<b>SURFACE</b>	Housing: Powder coated Adapter plate: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: Black, gray Adapter plate: Alu color
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request

1



Version	Swivel Caster Tread	ESD	D [mm]	Wheel Body	H [mm]	Bearing	Max. Load [N]	Weight [g]	Part #
	TPE, gray ≈ RAL 7031		80	PP, gray	108	Slide bearing	1000	597.0	<a href="#">098S080TDN</a>
	TPE, gray ≈ RAL 7031		100	PP, gray	133	Ball bearing	1100	674.0	<a href="#">098S100TDN</a>
	TPE, gray ≈ RAL 7031		125	PP, gray	158	Ball bearing	1200	760.0	<a href="#">098S125TDN</a>
	TPE, gray ≈ RAL 7031	ESD	80	PP, black	108	Ball bearing	650	627.0	<a href="#">098S080TDNESD</a>
	TPE, gray ≈ RAL 7031	ESD	100	PP, black	133	Ball bearing	700	723.0	<a href="#">098S100TDNESD</a>
	TPE, gray ≈ RAL 7031	ESD	125	PP, black	158	Ball bearing	800	824.0	<a href="#">098S125TDNESD</a>
	TPU, gray ≈ RAL 7024		80	PA, gray	108	Ball bearing	1200	627.0	<a href="#">098S080UDN</a>
	TPU, gray ≈ RAL 7024		100	PA, gray	133	Ball bearing	1200	685.0	<a href="#">098S100UDN</a>
	TPU, gray ≈ RAL 7024		125	PA, gray	158	Ball bearing	1200	773.0	<a href="#">098S125UDN</a>
	TPU, gray ≈ RAL 7024	ESD	80	PA, black	108	Ball bearing	1000	610.0	<a href="#">098S080UDNESD</a>
	TPU, gray ≈ RAL 7024	ESD	100	PA, black	133	Ball bearing	1200	736.0	<a href="#">098S100UDNESD</a>
	TPU, gray ≈ RAL 7024	ESD	125	PA, black	158	Ball bearing	1200	843.0	<a href="#">098S125UDNESD</a>



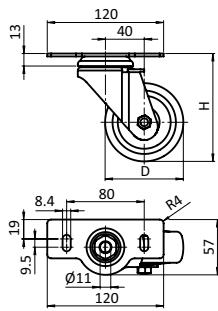
SWIVEL CASTER Ø 80 / 100 / 125 WITH SYSTEM BRAKE

Version	Swivel Caster Tread	ESD	D [mm]	Wheel Body	H [mm]	Bearing	Max. Load [N]	Weight [g]	Part #
	Solid rubber, gray ≈ RAL 7001		80	PA, black	108	Ball bearing	800	627.0	<a href="#">098S080GDN</a>
	Solid rubber, gray ≈ RAL 7001		100	PA, black	133	Ball bearing	1100	772.0	<a href="#">098S100GDN</a>
	Solid rubber, gray ≈ RAL 7001		125	PA, black	158	Ball bearing	1000	893.0	<a href="#">098S125GDN</a>
	Solid rubber, black	ESD	80	PA, black	108	Ball bearing	600	610.0	<a href="#">098S080GDNESD</a>
	Solid rubber, black	ESD	100	PA, black	133	Ball bearing	800	736.0	<a href="#">098S100GDNESD</a>
	Solid rubber, black	ESD	125	PA, black	158	Ball bearing	750	843.0	<a href="#">098S125GDNESD</a>
	PA, black; *with slide bearings		80	PA, black	108	Slide bearing	1000	535.0	<a href="#">098S080ADN</a>
	PA, black; *with slide bearings		100	PA, black	133	Slide bearing	1200	661.0	<a href="#">098S100ADN</a>
	PA, black; *with slide bearings		125	PA, black	158	Slide bearing	1200	728.0	<a href="#">098S125ADN</a>
	V_Adapter plate S 40 x 40 mm Slot 8							43.0	<a href="#">098SA40N08</a>
	Adapter plate S 40 x 40 mm Slot 10							39.0	<a href="#">098SA40N10</a>
	V_Adapter plate S 45 x 45 mm Slot 10							47.0	<a href="#">098SA45N10</a>



**SWIVEL CASTER Ø 80 / 100 / 125 WITH MOUNTING PLATE 40 / 45**

<b>MODEL</b>	With bolt hole pattern
<b>DESCRIPTION</b>	Reliable and quiet swivel caster, trackless (except solid rubber ESD electrostatical discharging), with ball bearings and thread guard; integrated mounting plate for asymmetric fixation to aluminum profiles without overhang; compatible with all swivel and fixed casters due to consistent height level; no additional transport and base plate needed; swivel caster either in standard version or as ESD electrostatical discharging version
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table
<b>SURFACE</b>	Housing: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: Black, gray
<b>DOOR VERSION</b>	
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request



Swivel Caster Tread	ESD	D [mm]	Wheel Body	H [mm]	Max. Load [N]	Weight [g]	Part #
TPE, gray ≈ RAL 7031		80	PP, gray	111	1000	609.0	<a href="#">098S080T4045N</a>
		100	PP, gray	136	1100	687.0	<a href="#">098S100T4045N</a>
		125	PP, gray	161	1200	772.0	<a href="#">098S125T4045N</a>
	ESD	80	PP, black	111	650	617.0	<a href="#">098S080T4045NESD</a>
	ESD	100	PP, black	136	700	696.0	<a href="#">098S100T4045NESD</a>
	ESD	125	PP, black	161	800	779.0	<a href="#">098S125T4045NESD</a>
TPU, gray ≈ RAL 7024		80	PA, gray	111	1200	637.0	<a href="#">098S080U4045N</a>
		100	PA, gray	136	1200	722.0	<a href="#">098S100U4045N</a>
		125	PA, gray	161	1200	820.0	<a href="#">098S125U4045N</a>
	ESD	80	PA, black	111	1000	641.0	<a href="#">098S080U4045NESD</a>
	ESD	100	PA, black	136	1200	730.0	<a href="#">098S100U4045NESD</a>
	ESD	125	PA, black	161	1200	831.0	<a href="#">098S125U4045NESD</a>
Solid rubber, gray ≈ RAL 7001		80	PA, black	111	800	639.0	<a href="#">098S080G4045N</a>
		100	PA, black	136	1100	782.0	<a href="#">098S100G4045N</a>
		125	PA, black	161	1000	906.0	<a href="#">098S125G4045N</a>
Solid rubber, black	ESD	80	PA, black	111	600	621.0	<a href="#">098S080G4045NESD</a>
	ESD	100	PA, black	136	800	747.0	<a href="#">098S100G4045NESD</a>
	ESD	125	PA, black	161	750	858.0	<a href="#">098S125G4045NESD</a>
PA, black; *with slide bearings		80	PA, black	111	1000	563.0	<a href="#">098S080A4045N</a>
		100	PA, black	136	1200	671.0	<a href="#">098S100A4045N</a>
		125	PA, black	161	1200	747.0	<a href="#">098S125A4045N</a>

**SWIVEL CASTER Ø 80 / 100 / 125 WITH SYSTEM BRAKE AND MOUNTING PLATE 40 / 45**

<b>MODEL</b>	With bolt hole pattern and system brake
<b>DESCRIPTION</b>	Reliable and quiet swivel caster, trackless (except solid rubber ESD electrostatical discharging), with ball bearings and thread guard; integrated mounting plate for asymmetric fixation to aluminum profiles without overhang; compatible with all swivel and fixed casters due to consistent height level; no additional transport and base plate needed; swivel caster either in standard version or as ESD electrostatical discharging version
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table
<b>SURFACE</b>	Housing: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: Black, gray
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request



Swivel Caster Tread	ESD	D [mm]	Wheel Body	H [mm]	Bearing	Max. Load [N]	Weight [g]	Part #
TPE, gray ≈ RAL 7031		80	PP, gray	111	Ball bearing	1000	710.0	<a href="#">098S080TD4045N</a>
		100	PP, gray	136	Ball bearing	1100	787.0	<a href="#">098S100TD4045N</a>
		125	PP, gray	161	Ball bearing	1200	873.0	<a href="#">098S125TD4045N</a>
	ESD	80	PP, black	111	Ball bearing	650	740.0	<a href="#">098S080TD4045NESD</a>
	ESD	100	PP, black	136	Ball bearing	700	836.0	<a href="#">098S100TD4045NESD</a>
	ESD	125	PP, black	161	Ball bearing	800	937.0	<a href="#">098S125TD4045NESD</a>
TPU, gray ≈ RAL 7024		80	PA, gray	111	Ball bearing	1200	740.0	<a href="#">098S080UD4045N</a>
		100	PA, gray	136	Ball bearing	1200	823.0	<a href="#">098S100UD4045N</a>
		125	PA, gray	161	Ball bearing	1200	923.0	<a href="#">098S125UD4045N</a>
	ESD	80	PA, black	111	Ball bearing	1000	723.0	<a href="#">098S080UD4045NESD</a>
	ESD	100	PA, black	136	Ball bearing	1200	798.0	<a href="#">098S100UD4045NESD</a>
	ESD	125	PA, black	161	Ball bearing	1200	886.0	<a href="#">098S125UD4045NESD</a>
Solid rubber, gray ≈ RAL 7001		80	PA, black	111	Ball bearing	800	740.0	<a href="#">098S080GD4045N</a>
		100	PA, black	136	Ball bearing	1100	885.0	<a href="#">098S100GD4045N</a>
		125	PA, black	161	Ball bearing	1000	1006.0	<a href="#">098S125GD4045N</a>
Solid rubber, black	ESD	80	PA, black	111	Ball bearing	600	723.0	<a href="#">098S080GD4045NESD</a>
	ESD	100	PA, black	136	Ball bearing	800	849.0	<a href="#">098S100GD4045NESD</a>
	ESD	125	PA, black	161	Ball bearing	750	956.0	<a href="#">098S125GD4045NESD</a>
PA, black; *with slide bearings		80	PA, black	111	Slide bearing	1000	648.0	<a href="#">098S080AD4045N</a>
		100	PA, black	136	Slide bearing	1200	774.0	<a href="#">098S100AD4045N</a>
		125	PA, black	161	Slide bearing	1200	841.0	<a href="#">098S125AD4045N</a>

**HEAVY-DUTY SWIVEL CASTER Ø 200 WITH MOUNTING PLATE 40 / 45**

<b>MODEL</b>	With bolt hole pattern
<b>DESCRIPTION</b>	Reliable and quiet swivel caster, trackless With ball bearings and thread guard integrated mounting plate for fixation to aluminum profiles with modular dimension 40 and 45 mm without overhang No additional transport and base plate needed
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table
<b>SURFACE</b>	Housing: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request

1



ESD	D [mm]	Wheel Body	B [mm]	H [mm]	Fixed Caster Tread	Max. Load [N]	Weight [g]	Part #
	200	PA, black	50	235	Solid rubber, black	4900	2400.0	<a href="#">098S200GH129105</a>
	200	PA, white	50	235	PA, white	5800	2060.0	<a href="#">098S200AH129105</a>
	200	Aluminum, gray	50	235	PU, yellow	7800	2590.0	<a href="#">098S200EH129105</a>
ESD	200	Aluminum, gray	50	235	PU, gray	7800	2570.0	<a href="#">098S200EH129105ESD</a>
	200	PA, gray	40	235	TPU, dark gray	4900	1880.0	<a href="#">098S200UH129105</a>
ESD	200	PA, gray	40	235	TPU, dark gray	3100	1970.0	<a href="#">098S200UH129105ESD</a>

**HEAVY-DUTY SWIVEL CASTER Ø 200 WITH SYSTEM BRAKE AND MOUNTING PLATE 40 / 45**

<b>MODEL</b>	With bolt hole pattern and system brake
<b>DESCRIPTION</b>	Reliable and quiet swivel caster, trackless With ball bearings and thread guard integrated mounting plate for fixation to aluminum profiles with modular dimension 40 and 45 mm without overhang No additional transport and base plate needed
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table
<b>SURFACE</b>	Housing: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request

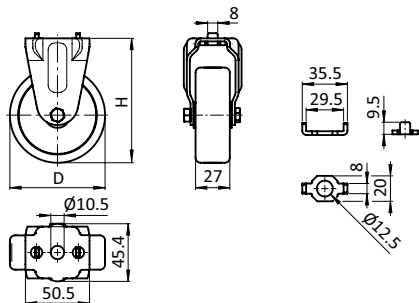


ESD	D [mm]	Wheel Body	B [mm]	H [mm]	Fixed Caster Tread	Max. Load [N]	Weight [g]	Part #
	200	PA, black	50	235	Solid rubber, black	4900	3580.0	<a href="#">098S200GHD129105</a>
	200	PA, white	50	235	PA, white	5800	2590.0	<a href="#">098S200AHD129105</a>
	200	Aluminum, gray	50	235	PU, yellow	7800	3100.0	<a href="#">098S200EHD129105</a>
ESD	200	Aluminum, gray	50	235	PU, gray	7800	3150.0	<a href="#">098S200EHD129105ESD</a>
	200	PA, gray	40	235	TPU, dark gray	4900	2400.0	<a href="#">098S200UHD129105</a>
ESD	200	PA, gray	40	235	TPU, dark gray	3100	2460.0	<a href="#">098S200UHD129105ESD</a>

**FIXED CASTER Ø 75**

<b>MODEL</b>	With bolt hole pattern and separate locating pin for slot 8
<b>DESCRIPTION</b>	Reliable and quiet swivel caster, trackless, with thread guard; can be directly fixed to aluminum profiles, with optional locating pin slot 8 secured against rotation
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table Locating pin: Steel
<b>SURFACE</b>	Housing: Powder coated Locating pin: Zinc plated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: Gray
<b>FASTENING</b>	For end face mounting, a suitable thread must be cut into the core hole
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request

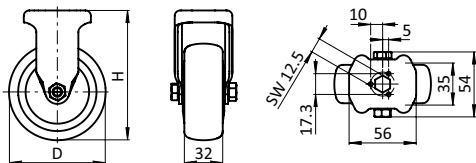
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ESD	D [mm]	Wheel Body	H [mm]	Fixed Caster Tread	Max. Load [N]	Weight [g]	Part #
	75	TPE, gray ≈ RAL 7001	98	PP, gray	700	273.0	<b>098F075TN</b>
ESD	75	TPE, gray ≈ RAL 7031	98	PP, black	490	273.0	<b>098F075TNESD</b>

**FIXED CASTER Ø 80 / 100 / 125**

<b>MODEL</b>	With bolt hole; compatible with optional Adapter Plate F
<b>DESCRIPTION</b>	Reliable and quiet fixed caster, trackless (except solid rubber ESD electrostatical discharging), with ball bearings and thread guard; can be fixed to aluminum profiles; compatible with all swivel and fixed casters due to consistent height level with optional adapter plate F; no additional transport and base plate needed
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table
<b>SURFACE</b>	Housing: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: Black, gray
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request



Version	ESD	D [mm]	Wheel Body	H [mm]	Bearing	Fixed Caster Tread	Max. Load [N]	Weight [g]	Part #
		80	PP, gray	108	Ball bearing	TPE, gray ≈ RAL 7031	1000	323.0	<a href="#">098F080TN</a>
		100	PP, gray	133	Ball bearing	TPE, gray ≈ RAL 7031	1100	390.0	<a href="#">098F100TN</a>
		125	PP, gray	158	Ball bearing	TPE, gray ≈ RAL 7031	1200	472.0	<a href="#">098F125TN</a>
	ESD	80	PP, black	108	Ball bearing	TPE, gray ≈ RAL 7031	650	353.0	<a href="#">098F080TNESD</a>
	ESD	100	PP, black	133	Ball bearing	TPE, gray ≈ RAL 7031	700	439.0	<a href="#">098F100TNESD</a>
	ESD	125	PP, black	158	Ball bearing	TPE, gray ≈ RAL 7031	800	536.0	<a href="#">098F125TNESD</a>
		80	PA, gray	108	Ball bearing	TPU, gray ≈ RAL 7024	1200	353.0	<a href="#">098F080UN</a>
		100	PA, gray	133	Ball bearing	TPU, gray ≈ RAL 7024	1200	426.0	<a href="#">098F100UN</a>
		125	PA, gray	158	Ball bearing	TPU, gray ≈ RAL 7024	1200	522.0	<a href="#">098F125UN</a>
	ESD	80	PA, black	108	Ball bearing	TPU, gray ≈ RAL 7024	1000	336.0	<a href="#">098F080UNESD</a>
	ESD	100	PA, black	133	Ball bearing	TPU, gray ≈ RAL 7024	1200	401.0	<a href="#">098F100UNESD</a>
	ESD	125	PA, black	158	Ball bearing	TPU, gray ≈ RAL 7024	1200	485.0	<a href="#">098F125UNESD</a>
		80	PA, black	108	Ball bearing	Solid rubber, gray ≈ RAL 7001	800	353.0	<a href="#">098F080GN</a>

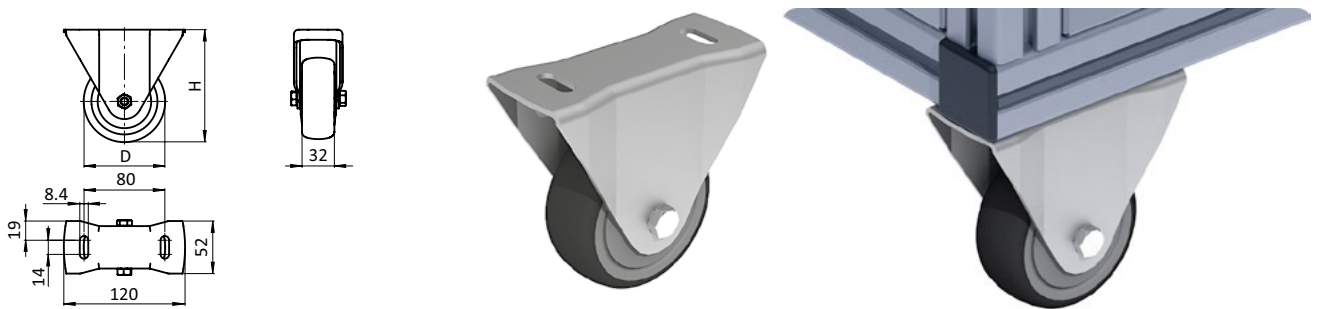


## FIXED CASTER Ø 80 / 100 / 125

Version	ESD	D [mm]	Wheel Body	H [mm]	Bearing	Fixed Caster Tread	Max. Load [N]	Weight [g]	Part #
		100	PA, black	133	Ball bearing	Solid rubber, gray ≈ RAL 7001	1100	488.0	<b>098F100GN</b>
		125	PA, black	158	Ball bearing	Solid rubber, gray ≈ RAL 7001	1000	605.0	<b>098F125GN</b>
	ESD	80	PA, black	108	Ball bearing	Solid rubber, black	600	336.0	<b>098F080GNESD</b>
	ESD	100	PA, black	133	Ball bearing	Solid rubber, black	800	452.0	<b>098F100GNESD</b>
	ESD	125	PA, black	158	Ball bearing	Solid rubber, black	750	555.0	<b>098F125GNESD</b>
		80	PA, black	108	Slide bearing	PA, black; *with slide bearings	1000	261.0	<b>098F080AN</b>
		100	PA, black	133	Slide bearing	PA, black; *with slide bearings	1200	377.0	<b>098F100AN</b>
		125	PA, black	158	Slide bearing	PA, black; *with slide bearings	1200	440.0	<b>098F125AN</b>
								34.0	<b>098FA40N08</b>
									Adapter plate F 40 x 40 mm Slot 8
								32.0	<b>098FA40N10</b>
									Adapter plate F 40 x 40 mm Slot 10
								38.0	<b>098FA45N10</b>
									Adapter plate F 45 x 45 mm Slot 10

**FIXED CASTER Ø 80 / 100 / 125 WITH MOUNTING PLATE 40 / 45**

<b>MODEL</b>	With bolt hole pattern
<b>DESCRIPTION</b>	Reliable and quiet fixed caster, trackless (except solid rubber ESD electrostatical discharging), with ball bearings and thread guard; integrated mounting plate for asymmetric fixation to aluminum profiles 38 - 1.5", 40 mm and 45 mm without overhang; compatible with all swivel and fixed casters due to consistent height level; no additional transport and base plate needed
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table
<b>SURFACE</b>	Housing: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: Black, gray
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request



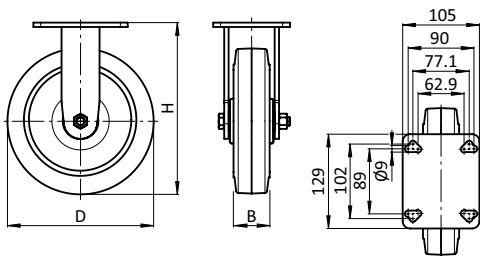
ESD	D [mm]	Wheel Body	H [mm]	Bearing	Fixed Caster Tread	Max. Load [N]	Weight [g]	Part #
	80	PP, gray	111	Ball bearing	TPE, gray ≈ RAL 7031	1000	484.0	<a href="#">098F080T4045N</a>
	100	PP, gray	136	Ball bearing	TPE, gray ≈ RAL 7031	1100	577.0	<a href="#">098F100T4045N</a>
	125	PP, gray	161	Ball bearing	TPE, gray ≈ RAL 7031	1200	675.0	<a href="#">098F125T4045N</a>
ESD	80	PP, black	111	Ball bearing	TPE, gray ≈ RAL 7031	650	514.0	<a href="#">098F080T4045NESD</a>
ESD	100	PP, black	136	Ball bearing	TPE, gray ≈ RAL 7031	700	626.0	<a href="#">098F100T4045NESD</a>
ESD	125	PP, black	161	Ball bearing	TPE, gray ≈ RAL 7031	800	739.0	<a href="#">098F125T4045NESD</a>
	80	PA, gray	111	Ball bearing	TPU, gray ≈ RAL 7024	1200	514.0	<a href="#">098F080U4045N</a>
	100	PA, gray	136	Ball bearing	TPU, gray ≈ RAL 7024	1200	613.0	<a href="#">098F100U4045N</a>
	125	PA, gray	161	Ball bearing	TPU, gray ≈ RAL 7024	1200	725.0	<a href="#">098F125U4045N</a>
ESD	80	PA, black	111	Ball bearing	TPU, gray ≈ RAL 7024	1000	497.0	<a href="#">098F080U4045NESD</a>
ESD	100	PA, black	136	Ball bearing	TPU, gray ≈ RAL 7024	1200	588.0	<a href="#">098F100U4045NESD</a>
ESD	125	PA, black	161	Ball bearing	TPU, gray ≈ RAL 7024	1200	758.0	<a href="#">098F125U4045NESD</a>
	80	PA, black	111	Ball bearing	Solid rubber, gray ≈ RAL 7001	800	514.0	<a href="#">098F080G4045N</a>
	100	PA, black	136	Ball bearing	Solid rubber, gray ≈ RAL 7001	1100	675.0	<a href="#">098F100G4045N</a>
	125	PA, black	161	Ball bearing	Solid rubber, gray ≈ RAL 7001	1000	725.0	<a href="#">098F125G4045N</a>
ESD	80	PA, black	111	Ball bearing	Solid rubber, black	600	497.0	<a href="#">098F080G4045NESD</a>
ESD	100	PA, black	136	Ball bearing	Solid rubber, black	800	639.0	<a href="#">098F100G4045NESD</a>
ESD	125	PA, black	161	Ball bearing	Solid rubber, black	750	758.0	<a href="#">098F125G4045NESD</a>
	80	PA, black	111	Slide bearing	PA, black; *with slide bearings	1000	422.0	<a href="#">098F080A4045N</a>
	100	PA, black	136	Slide bearing	PA, black; *with slide bearings	1200	564.0	<a href="#">098F100A4045N</a>
	125	PA, black	161	Slide bearing	PA, black; *with slide bearings	1200	643.0	<a href="#">098F125A4045N</a>



**HEAVY-DUTY FIXED CASTER Ø 200 WITH MOUNTING PLATE 40 / 45**

<b>MODEL</b>	With bolt hole pattern
<b>DESCRIPTION</b>	Reliable and quiet fixed caster, trackless With ball bearings and thread guard, integrated mounting plate for fixation to aluminum profiles with modular dimension 40 and 45mm without overhang No additional transport and base plate needed
<b>MATERIAL</b>	Housing: Steel Tread: See table Wheel body: See table
<b>SURFACE</b>	Housing: Powder coated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request

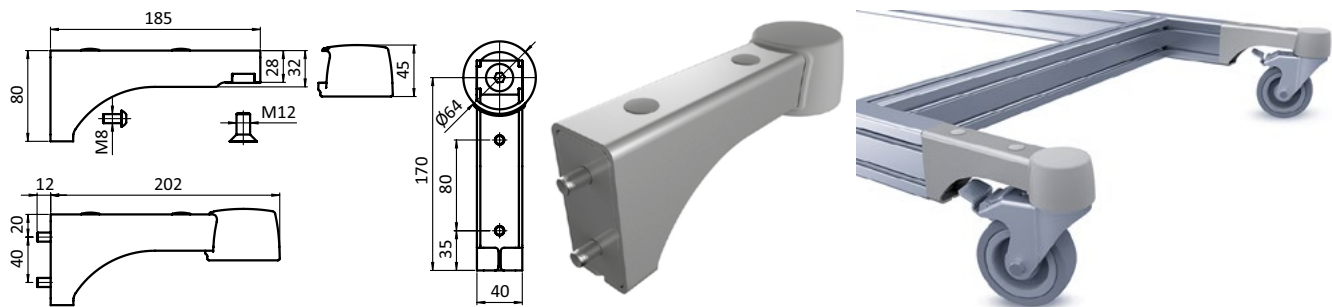
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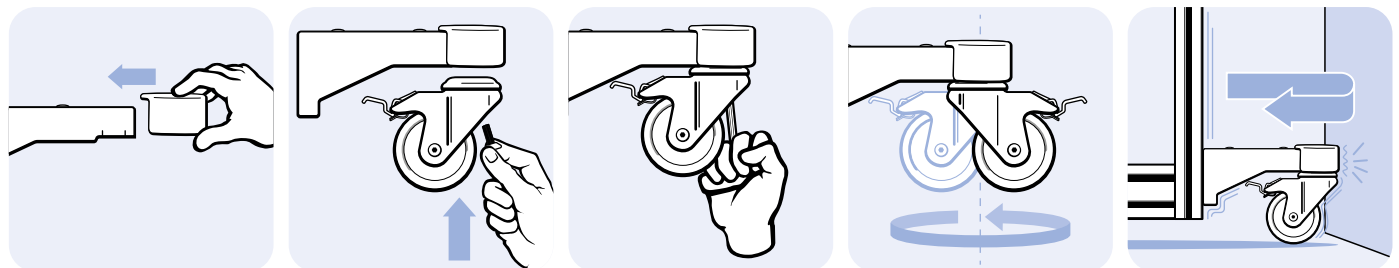
ESD	D [mm]	Wheel Body	B [mm]	H [mm]	Fixed Caster Tread	Max. Load [N]	Weight [g]	Part #
	200	PA, black	50	235	Solid rubber, black	4900	2580.0	<a href="#">098F200GH129105</a>
	200	PA, white	50	235	PA, white	5800	2450.0	<a href="#">098F200AH129105</a>
	200	Aluminum, gray	50	235	PU, yellow	7800	2990.0	<a href="#">098F200EH129105</a>
ESD	200	Aluminum, gray	50	235	PU, gray	7800	2750.0	<a href="#">098F200EH129105ESD</a>
	200	PA, gray	40	235	TPU, dark gray	4900	2280.0	<a href="#">098F200UH129105</a>
ESD	200	PA, gray	40	235	TPU, dark gray	3100	2320.0	<a href="#">098F200UH129105ESD</a>

**SWIVEL CASTER ARM I 40 X 80 (SET)**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To mount 360° rotating swivel casters with bolt hole pattern in the back - also with double system brake; higher stability against overturning due to lower center of gravity, incl. side impact protection; Swivel caster arm can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Arm: Steel Bumper: Plastic TPE, ≈ 70 Shore A Screw: Steel Cover cap: Plastic
<b>SURFACE</b>	Arm: Powder coated Screw: Zinc plated
<b>COLOR</b>	Arm: Alu color Bumper: Gray ≈ RAL 7042 Cover cap: Gray ≈ RAL 7042
<b>SET</b>	1 caster arm, 1 bumper, 2 screw ISO 7380 - M8 x 16, 1 screw DIN 7991 - M10 x 25, 2 cover cap
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Compatible Swivel Caster D80, D100 or D125 see 098S080xxx, 098S100xxx or 098S125xxx



Weight [g]	Profile	Part #
746.0	I	<a href="#">098SA170T4080S01</a>





## SWIVEL AND FIXED CASTERS WITH LIFTING FOOT

**Fast and safe:**

**Move and position loads with FATH Swivel and Fixed Casters with Lifting Foot**

1



- 2-in-1 function: roll and position
- Lever ratio up to 1:20 – lift 200 kg with just 10 kg of force
- Flush mounting for profile systems with modular dimensions 40 and 45
- Completely protectively covered foot pedal
- Generously dimensioned adjustable foot and M12 thread for stability
- Height-adjustable swivel foot

### HIGHLIGHTS

**FATH** Swivel and Fixed Casters with Lifting Foot are an ingenious 2-in-1 component for easy movement and secure positioning, as they combine these two functions in a practical way. All **FATH** Swivel and Fixed Casters with Lifting Foot combine a high quality Blickle swivel or fixed caster with a **FATH** adjustable foot. Jack up the adjustable foot with the foot pedal, roll the object to the new position, lower the adjustable foot – done!

Designed to be permanently mounted on the object, **FATH** Swivel and Fixed Casters with Lifting Foot enable you to reposition your heavy machines and equipment on industrial floors at any time – without a forklift and without tools. The high lever ratio of up to 1:20 means that you only need a weight of 10 kg to lift 200 kg.

**FATH** Swivel and Fixed Casters with Lifting Foot not only save a lot of time when repositioning work equipment, they also improve safety in the production area. Safety risks associated with disassembly and manual transportation are avoided. When changing the standing/roll function, shoes and feet are optimally protected by the complete plastic covering of the step area. The anti-slip plate, which is already screwed onto the adjustable foot plate, secures the adjustable foot against slipping and at the same time protects the floor.

LEVER RATIO  
UP TO 1:20



### Full mobility for loads and secure standing when working

**FATH** Swivel Casters enable you to move in any direction, ergonomically and with less effort. Moving loads has never been easier!

Time-consuming dismantling and assembly of machines, assembly tables, measuring stations, work platforms, stairs, etc. is no longer necessary.

The perfect solution for everything that is frequently moved but still needs to stand securely – for example, on rollers in a parking position or at a temporary location and on the adjustable feet for work to be carried out. Depending on the requirements for movement, you can also mount swivel and fixed casters together, for example, to keep your object safely on track.

## TWO FUNCTIONS PERFECTLY COMBINED: ROLL AND PLACE

### Stable standing on adjustable feet – with one step

Once in the desired position, the FATH Swivel and Fixed Casters can be easily lifted again if required with the practical lifting mechanism. The machines or equipment stand securely and with minimal vibration on the adjustable feet and not on a caster blocked by a brake. FATH Swivel and Fixed Casters with Lifting Foot, manufactured with solid steel parts, ensure firm footing even under heavy loads. The swivel foot is height-adjustable and adapts to uneven floors. With a large diameter of 50 millimeters, the adjustable foot plate offers ideal load distribution and also increases stability.

### Numerous applications: Clear the stage for creative use

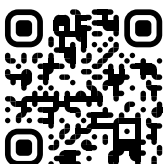
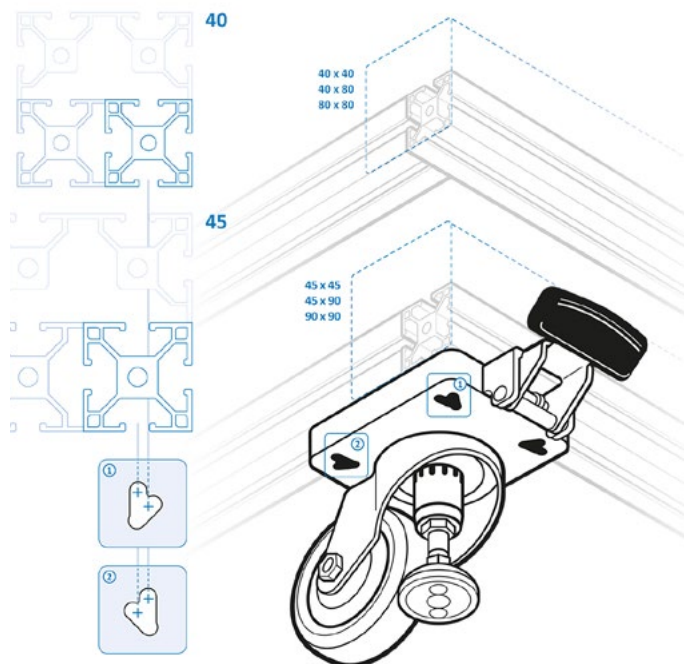
You can make a big impact with the dual function of **FATH** Swivel and Fixed Casters with Lifting Foot. The changeover to new production processes can thereby be easily optimized. Relocation of machines, provisioning of heavy equipment, storage of temporarily unused loads and much more can be carried out easily and significantly faster than with conventional methods. A plus in flexibility and efficiency in manufacturing – and far beyond.

The applications for the clever **FATH** Swivel and Fixed Casters with Lifting Foot are virtually unlimited. What would you like to move?

### Hole pattern with heart – and mind! Flush mounting on different profiles

**FATH** has developed a special heart-shaped hole pattern for the mounting holes in the mounting plate of the lifting foot, which makes it possible to mount the same swivel or fixed caster with lifting foot on very different profile frames and profile corners – with a flush lip without protruding from the mounting plate. It looks elegant and is safe. As well as attractive: The powder coating of the housing matches the anodized aluminum profile.

The **FATH** Swivel and Fixed Casters with Lifting Foot are ideally suited for modular dimensions 40 and 45 as well as right-angle profiles 40x80 and 45x90.



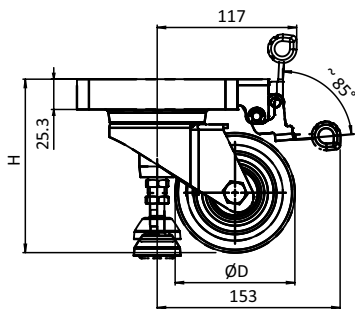
Get to know it  
better now!

[lifting-foot.fath24.com](http://lifting-foot.fath24.com)

**SWIVEL CASTER WITH LIFTING FOOT**

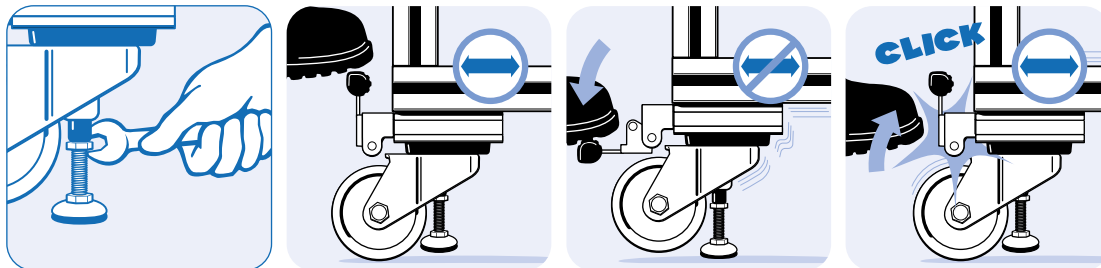
<b>MODEL</b>	With mounting plate
<b>DESCRIPTION</b>	Reliable and quiet swivel caster, trackless With ball bearings and thread guard integrated mounting plate for fixation to aluminum profiles with modular dimension 40 and 45 mm without overhang No additional transport and base plate needed; Roller movement locking by temporary positioning on lifting foot, actuation of the height adjustment of the lifting foot via foot pedal on the swivel caster housing
<b>MATERIAL</b>	Housing: Die-cast aluminum / steel Thread: See table Wheel body: See table Mounting plate: Steel Leveling foot: Plastic PA, glass ball reinforced / steel Foot pedal: Plastic PUR / steel
<b>SURFACE</b>	Housing: Powder coated / zinc plated Mounting plate: Zinc plated Leveling foot: Plain / zinc plated Foot pedal: Plain / zinc plated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: See table Leveling foot: Black Foot pedal: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request

1



SWIVEL CASTER WITH LIFTING FOOT

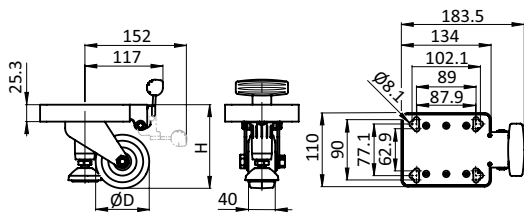
Swivel Caster Tread	ESD	D [mm]	Wheel Body	H [mm]	Max. Load [N]	Weight [g]	Part #
PU, black		80	PA, gray ≈ RAL 7001	125.0	1500	2300.0	<a href="#">098LF080UF134110</a>
		100	PA, gray ≈ RAL 7001	145.0	2000	2400.0	<a href="#">098LF100UF134110</a>
	ESD	80	PA, gray ≈ RAL 7001	125.0	1000	2300.0	<a href="#">098LF080UF134110ESD</a>
	ESD	100	PA, gray ≈ RAL 7001	145.0	1300	2400.0	<a href="#">098LF100UF134110ESD</a>
Solid rubber, black		80	PA, black	125.0	1700	2350.0	<a href="#">098LF080GF134110</a>
		100	PA, black	145.0	2000	2450.0	<a href="#">098LF100GF134110</a>
PA, white		80	PA, natural white	125.0	2500	2400.0	<a href="#">098LF080AF134110</a>
		100	PA, natural white	145.0	2500	2550.0	<a href="#">098LF100AF134110</a>
PU, yellow		80	Aluminum die-cast, silver gray	125.0	1800	2400.0	<a href="#">098LF080EHF134110</a>
		100	Aluminum die-cast, silver gray	145.0	2500	2650.0	<a href="#">098LF100EHF134110</a>
PU, green	ESD	80	Aluminum die-cast, silver gray	125.0	1800	2400.0	<a href="#">098LF080EHF134110ESD</a>
	ESD	100	Aluminum die-cast, silver gray	145.0	2500	2650.0	<a href="#">098LF100EHF134110ESD</a>



**FIXED CASTER WITH LIFTING FOOT**

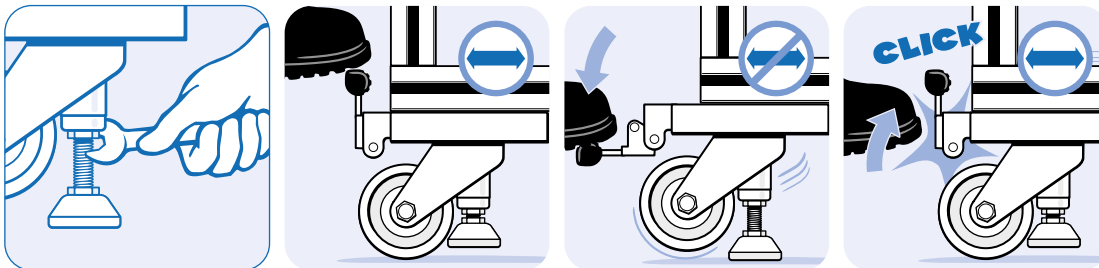
<b>MODEL</b>	With mounting plate
<b>DESCRIPTION</b>	Reliable and quiet fixed caster, trackless With ball bearings and thread guard, integrated mounting plate for fixation to aluminum profiles with modular dimension 40 and 45mm without overhang No additional transport and base plate needed; Roller movement locking by temporary positioning on lifting foot, actuation of the height adjustment of the lifting foot via foot pedal on the fixed caster housing
<b>MATERIAL</b>	Housing: Die-cast aluminum / steel Thread: See table Wheel body: See table Mounting plate: Steel Leveling foot: Plastic PA, glass ball reinforced / steel Foot pedal: Plastic PUR / steel
<b>SURFACE</b>	Housing: Powder coated / zinc plated Mounting plate: Zinc plated Leveling foot: Plain / zinc plated Foot pedal: Plain / zinc plated
<b>COLOR</b>	Housing: Alu color Tread: See table Wheel body: See table Leveling foot: Black Foot pedal: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other kinds of wheels, other colors, other surfaces on request

1



**FIXED CASTER WITH LIFTING FOOT**

ESD	D [mm]	Wheel Body	H [mm]	Fixed Caster Tread	Max. Load [N]	Weight [g]	Part #
	80	PA, natural white	125	PA, white	2500	2172.2	<a href="#">098FF080AF134110</a>
	80	Aluminum die-cast, silver gray	125	PU, yellow	1800	2096.0	<a href="#">098FF080EHF134110</a>
ESD	80	Aluminum die-cast, silver gray	125	PU, green	1800	2172.2	<a href="#">098FF080EHF134110ESD</a>
	80	PA, black	125	Solid rubber, black	1700	2148.4	<a href="#">098FF080GF134110</a>
	80	PA, gray ≈ RAL 7001	125	PU, black	1500	2172.2	<a href="#">098FF080UF134110</a>
ESD	80	PA, gray ≈ RAL 7001	125	PU, black	1000	2172.2	<a href="#">098FF080UF134110ESD</a>
	100	PA, natural white	145	PA, white	2500	2216.6	<a href="#">098FF100AF134110</a>
	100	Aluminum die-cast, silver gray	145	PU, yellow	2500	2216.6	<a href="#">098FF100EHF134110</a>
ESD	100	Aluminum die-cast, silver gray	145	PU, green	2500	2216.6	<a href="#">098FF100EHF134110ESD</a>
	100	PA, black	145	Solid rubber, black	2000	2216.6	<a href="#">098FF100GF134110</a>
	100	PA, gray ≈ RAL 7001	145	PU, black	2000	2216.6	<a href="#">098FF100UF134110</a>
ESD	100	PA, gray ≈ RAL 7001	145	PU, black	1300	2216.6	<a href="#">098FF100UF134110ESD</a>







## LEVELING CASTERS

Always on the same Level regardless of the Floor



- Universal mounting options
- Compensation for uneven floors up to 10 mm
- Flexible use of workplaces and other aluminum profile structures
- Can hold up to 340 kg per caster

### HIGHLIGHTS

The simple and robust design of **FATH** Leveling Casters is impressive. The different versions cover the requirements of a wide range of applications and application scenarios in an industrial environment. Wear-resistant casters ensure a long service life with minimal abrasion. They can be dynamically loaded with up to 340 kg – even frames weighing a maximum of 340 kg per caster can be moved safely. Caster diameters of 50 or 62 mm also allow travel over uneven surfaces.

The supporting foot can be extended using a standard open-end wrench on the color highlighted adjusting wheel. This ensures a secure footing for the object. Floor unevenness up to 10 mm can also be compensated for thanks to the continuously adjustable foot. To move the structure to another location, simply retract the foot.

### ROBUST STRUCTURE

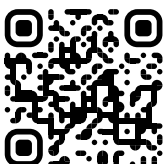
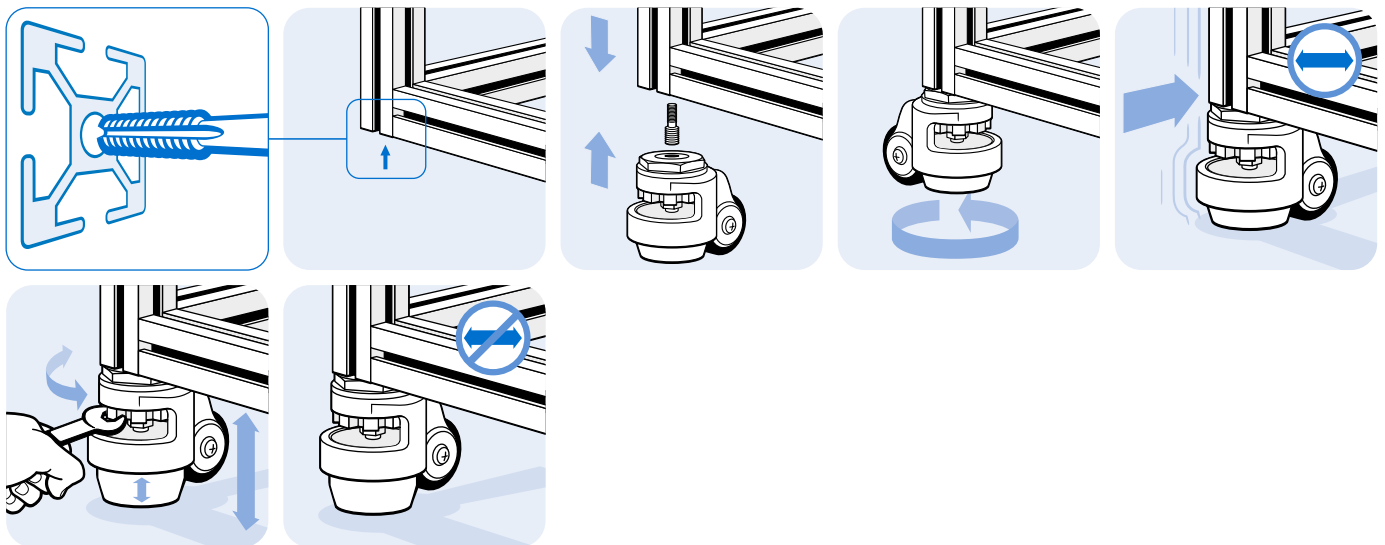
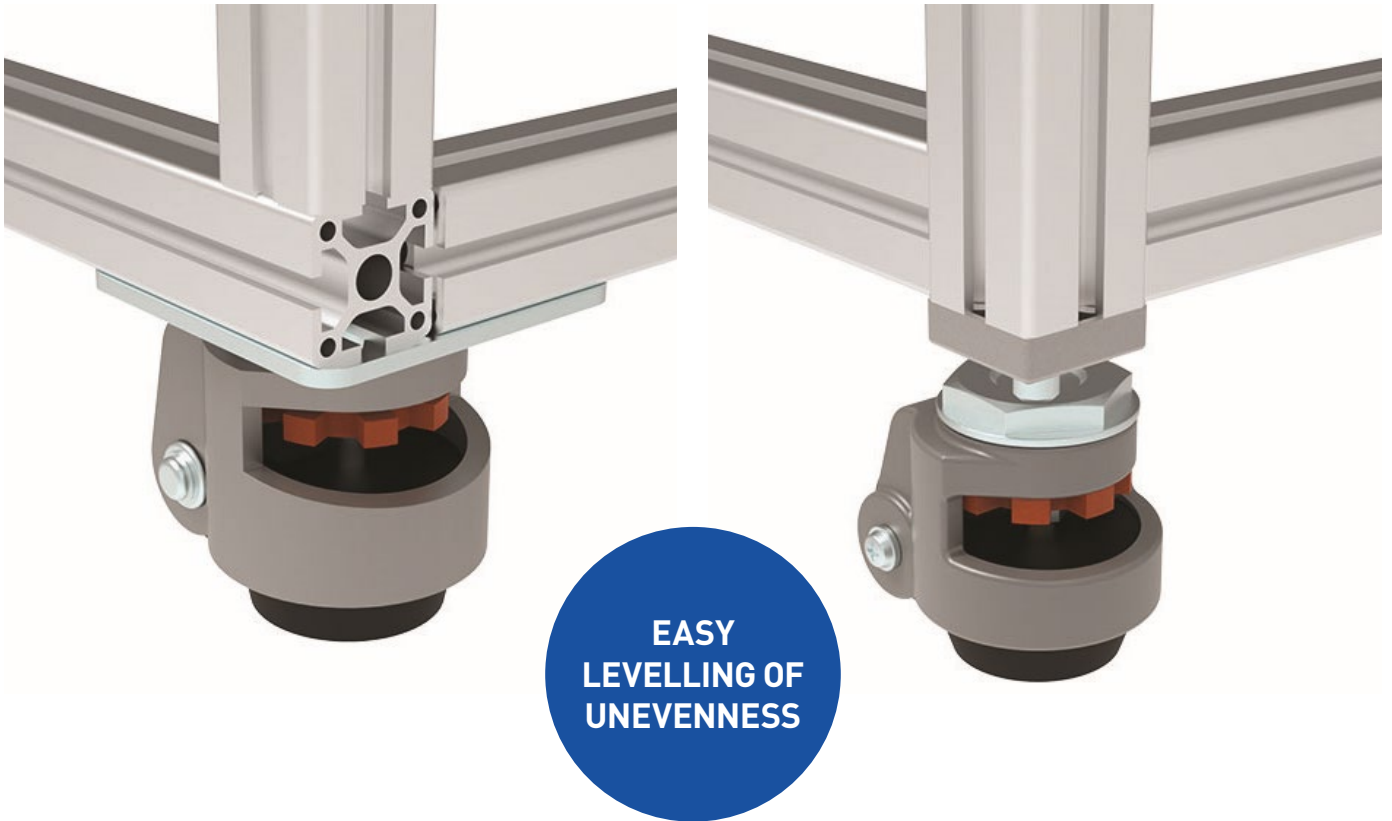


### Easy installation – hole pattern with heart and mind!

**FATH** Leveling Casters have various assembly options. The fixing can be made with a bolt hole thread using double-threaded screws in transport and base plates or core holes of aluminum profiles.

The Leveling Casters are also available with a screw-on plate for flush mounting on all profiles with modular dimensions 40 and 45. For the mounting holes in the mounting plate, **FATH** has developed a special heart-shaped hole pattern, which makes it possible to mount the **FATH** Leveling Casters on different profile frames and profile corners – with a flush lip without protruding from the mounting plate. This increases flexibility and safety.

WEAR-RESISTANT WHEELS FOR  
**LONG USABILITY**



**Get to know it  
better now:**

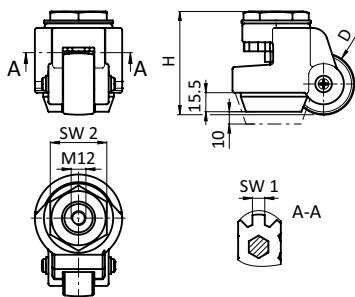
[leveling-caster.fath24.com](http://leveling-caster.fath24.com)



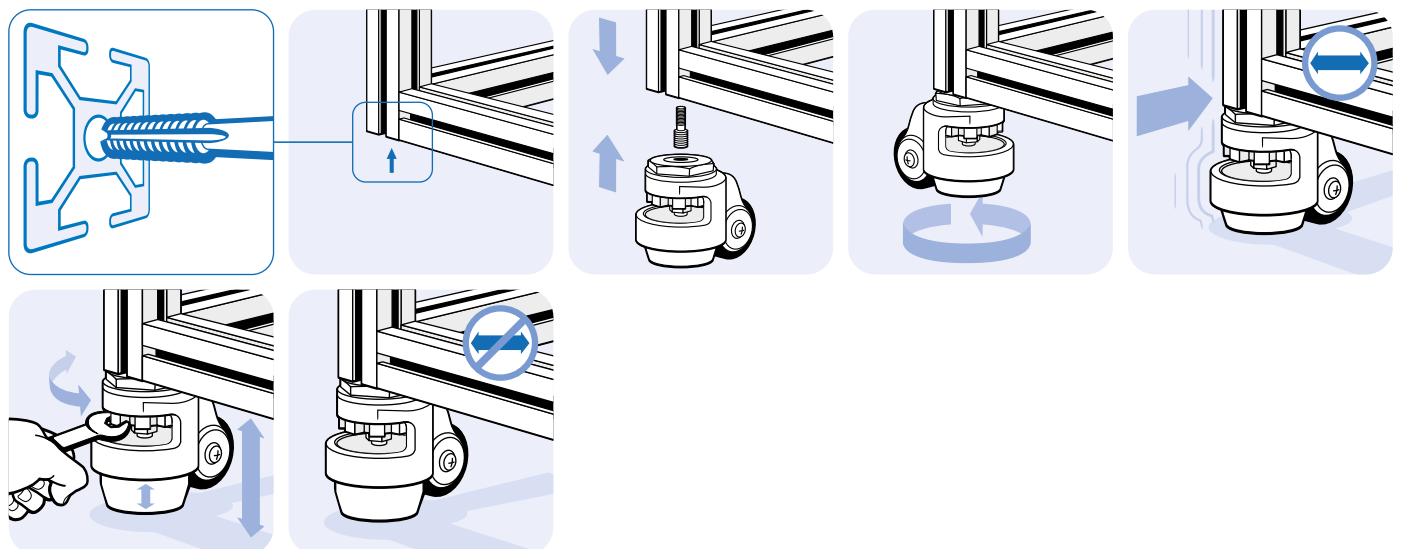
**LEVELING CASTER WITH BOLT HOLE THREAD (SET)**

<b>MODEL</b>	With bolt hole thread
<b>DESCRIPTION</b>	Reliable leveling caster with bolt hole thread M12 For fixation to transport and base plates, threaded sleeves or threaded bushes; Roller movement locking by temporary positioning on stamp, actuation of the height adjustment of the stamp via adjustment wheel in the caster housing with wrench
<b>MATERIAL</b>	Bolt hole plate: Steel Housing: Aluminum die-cast Adjustment wheel: Plastic PA Stamp: Rubber NBR Roller: Plastic PA
<b>SURFACE</b>	Bolt hole plate: Zinc plated Housing: Powder coated
<b>COLOR</b>	Housing: White aluminum ≈ RAL 9006 Adjustment wheel: Orange ≈ RAL 2004 Stamp: Black Roller: Black
<b>SET</b>	1 leveling casters with bolt hole thread 1 double threaded bolts M8/M12 1 double threaded bolts M12/M12 1 open-end wrench
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Transport and Base Plates with thread M8 or M12 on request

1

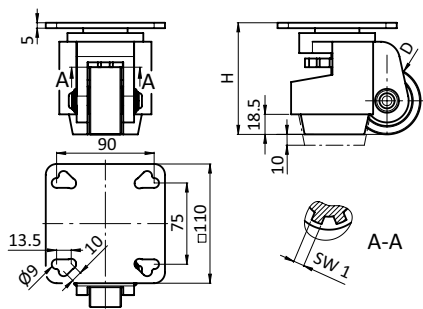


D [mm]	H [mm]	Max. Load per Lifting Unit [kg]	SW 1	SW 2	Weight [g]	Part #
50	84	250 (M8/M12) 250 (M12/M12)	11	46	2588.0	<a href="#">098LF050AF46S01</a>
62	103	350 (M8/M12) 500 (M12/M12)	12	65	4688.0	<a href="#">098LF062AF65S01</a>

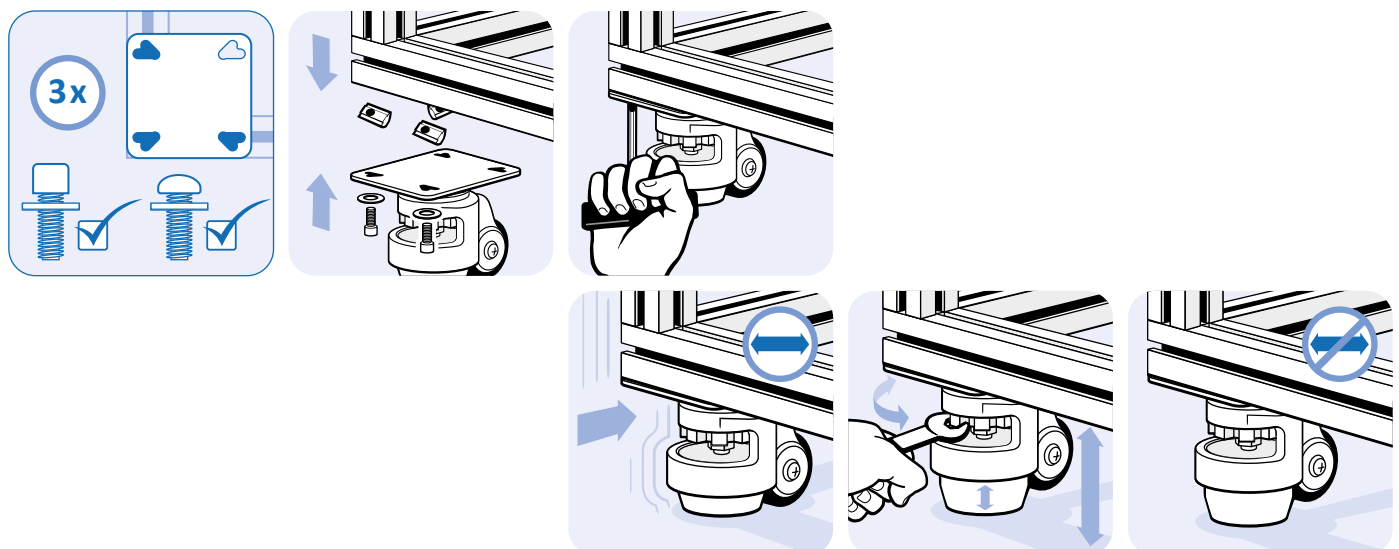


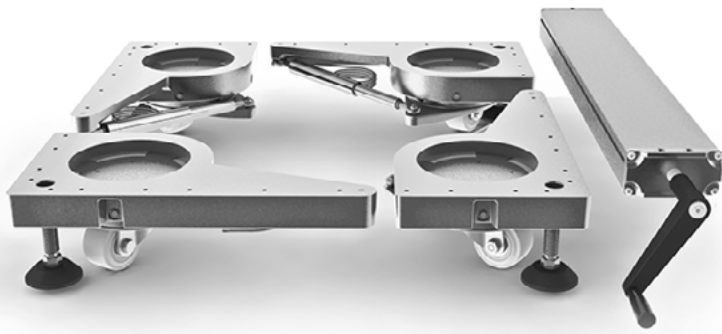
**LEVELING CASTER WITH MOUNTING PLATE 40 / 45**

<b>MODEL</b>	With mounting plate
<b>DESCRIPTION</b>	Reliable leveling caster with integrated mounting plate For fixation to aluminum profiles with modular dimension 40 and 45 mm without overhang No additional transport and base plate needed; Roller movement locking by temporary positioning on stamp, actuation of the height adjustment of the stamp via adjustment wheel in the caster housing with wrench
<b>MATERIAL</b>	Mounting plate: Steel Housing: Aluminum die-cast Adjustment wheel: Plastic PA Stamp: Rubber NBR Roller: Plastic PA
<b>SURFACE</b>	Mounting plate: Zinc plated Housing: Powder coated
<b>COLOR</b>	Housing: White aluminum ≈ RAL 9006 Adjustment wheel: Orange ≈ RAL 2004 Stamp: Black Roller: Black
<b>PACK QUANTITY</b>	1 piece



D [mm]	H [mm]	Max. Load [kg]	SW 1	Weight [g]	Part #
62	103	500	12	1345.0	098LF062AF110110





## LIFT CASTERS

### FATH Lifting Casters: Be flexible and fast with the plug-and-work solution

+

- Fast and flexible placement of machines and structures
- Strictly synchronous lifting movement of all units
- To move heavy, sensitive machines
- Keeps the machine horizontal balanced
- Compact lifting system
- Ready to install set

**HIGHLIGHTS**

Flexibility is one of the important features of modern manufacturing facilities. Setting up and leveling a machine or installation into a relatively permanent position for years to come is not necessarily common practice any longer.

It is with this scenario in mind that **FATH** has developed its Lift Caster unit as a "Plug-and-Work" solution which has been conceptualized as a mounting for machinery and facilities with a maximum lifting load of 500 kg per unit. The extra flat unit is composed of a Blicke swiveling roller that is screwed on to an aluminum mounting. The rolling mounts of these swiveling rollers are bedded into the die-cast aluminum chassis using a Teflon strip. The helix threading translates rotation of the lift into vertical movement. An Ergoswiss hydraulic cylinder drives the rotation.

The Lift Caster is delivered as a set containing four lifting units including the leveling feet. Available with either a manual hydraulic pump and the necessary hydraulic piping or an electric drive unit. The lifting units are simply screwed on to the structure that is to be moved. Just by turning a crank or electric operation, any machine or installation using this equipment can be lifted by the integrated leveling feet and easily pushed along any normal industrial floor. The lifting motion is conducted evenly so that nothing tilts or becomes unlevelled.

**SYNCHRONOUS  
LIFT AND MOVE**



#### Lift Caster hydraulic or electric

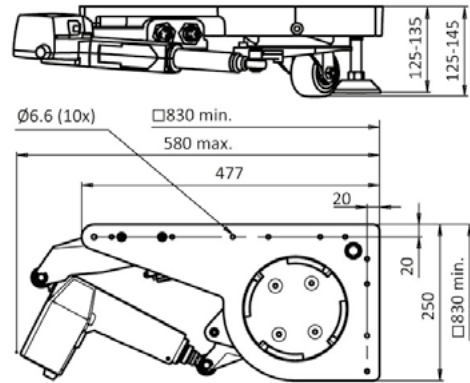
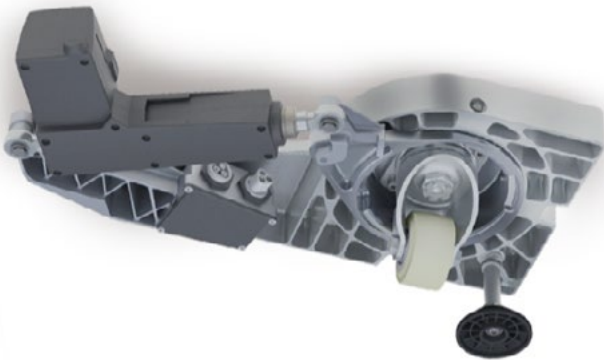
The lifting system from **FATH** for fast and flexible placement of plants, fixtures or assembly tables is available with 2 different drives. With the hydraulic drive, the set consists of 4 lifting units incl. drive unit and hydraulic piping. The transmission ratio of cylinder / lifting unit is 10:1.

The electric **FATH** Lift Caster is available both individually and in a set of 4. The electric drive is operated with a voltage of 24 V and has a Wieland RST20i2 electrical connector. Thanks to the robust die-cast aluminum housing, a Lift Caster set of 4 lifting units has a load capacity of up to 2 tons when placed centrally. The lifting mechanism with Teflon bearings enables smooth lifting, and rollers with ball bearings enable easy movement.

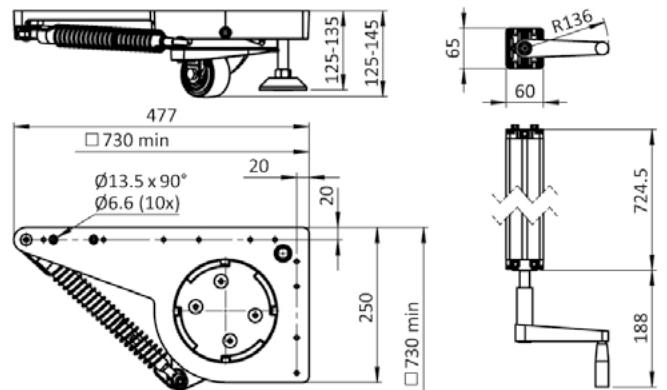
AVAILABLE IN TWO

# DRIVE VERSIONS

## Electric Lift Caster



## Hydraulic Lift Caster



Get to know it better now!

[lift-caster.fath24.com](http://lift-caster.fath24.com)



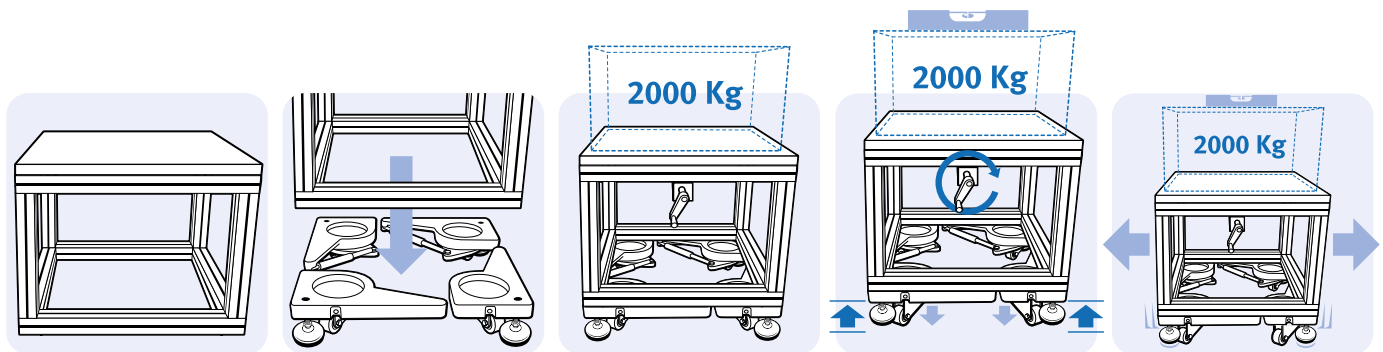
**HYDRAULIC LIFT CASTER (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	Lift castor system for a fast and flexible placing of plants or assembling tables; gear transmission ratio: 10:1
<b>MATERIAL</b>	Housing: Aluminum die-cast with PTFE bearing Roller: Plastic PA with ball bearing Roller housing: Zinc plated steel
<b>SET</b>	4 lifting units 1 hydraulic drive unit 4 hydraulic pipes at each 3 m, pre-filled
<b>PACK QUANTITY</b>	1 set
<b>SPECIALS</b>	Other sets on request
<b>TIP</b>	* Positioned centered

1

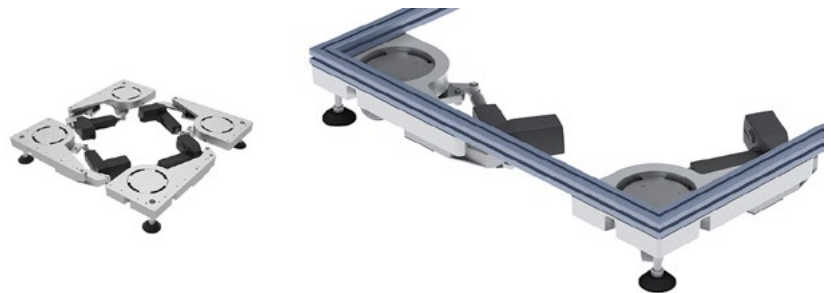
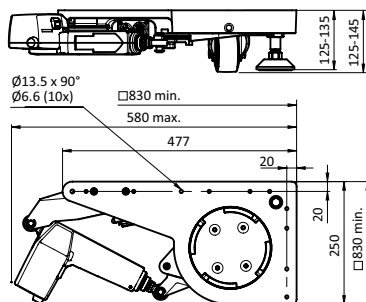


Max. Load [kg]	Max. Load per Lifting Unit [kg]	Weight [kg]	Part #
*2000.0	500.0	30.8	06001HR2000



**ELECTRIC LIFT CASTER**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	Lift castor system for a fast and flexible placing of plants or assembls tables; with electrical drive - 24 V, electrical connection plug Wieland RST20i2
<b>MATERIAL</b>	Housing: Aluminum die-cast with PTFE bearing Roller: Plastic PA with ball bearing Roller housing: Zinc plated steel
<b>SET</b>	4 lifting units with electrical drives
<b>PACK QUANTITY</b>	1 piece / 4 pieces
<b>TIP</b>	* Positioned centered



Version	Max. Load [kg]	Max. Load per Lifting Unit [kg]	Pack Quantity [Pieces]	Weight [kg]	Part #
	500.0	500.0	1	9.2	<a href="#">06001HR500E</a>
Set	*2000.0	500.0	4	36.8	<a href="#">06001HR500E24</a>



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**HINGES**

**2**

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4

5

6

7

8

9

10





































11

12

13

14

## HINGES

	PLASTIC COMBI HINGE 20 MINI, DETACHABLE	171		SYSTEM HINGE 40	189
	PLASTIC COMBI HINGE 20 MINI, NON-DETACHABLE	172		SYSTEM HINGE 30 WITH POSITIONING FUNCTION	190
	PLASTIC COMBI HINGE 25, DETACHABLE, BLACK	173		SYSTEM HINGE 40 WITH POSITIONING FUNCTION	191
	PLASTIC COMBI HINGE 25, NON-DETACHABLE, BLACK	174		SYSTEM HINGE 30 WITH ADJUSTABLE FRICTION	192
	PLASTIC COMBI HINGE 30, DETACHABLE, BLACK	175		SYSTEM HINGE 40 WITH ADJUSTABLE FRICTION	193
	PLASTIC COMBI HINGE 30, NON-DETACHABLE, BLACK	176		PLASTIC HINGE 20 MINI, BLACK	194
	PLASTIC COMBI HINGE 35, DETACHABLE, BLACK	177		LIGHT PLASTIC HINGE 35 - 40, BLACK	195
	PLASTIC COMBI HINGE 35, NON-DETACHABLE, BLACK	178		PLASTIC HINGE 32 X 60, BLACK	196
	PLASTIC COMBI HINGE 40, DETACHABLE, BLACK	179		PLASTIC HINGE 32 X 100, DOUBLE, BLACK	197
	PLASTIC COMBI HINGE 40, NON-DETACHABLE, BLACK	180		HEAVY-DUTY PLASTIC HINGE 30, BLACK	198
	PLASTIC COMBI HINGE 45, DETACHABLE, BLACK	181		HEAVY-DUTY PLASTIC HINGE 40, BLACK	199
	PLASTIC COMBI HINGE 45, NON-DETACHABLE, BLACK	182		HEAVY-DUTY PLASTIC HINGE 45	200
	PLASTIC COMBI HINGE 50, DETACHABLE, BLACK	183		HEAVY-DUTY PLASTIC HINGE 65 X 64	201
	PLASTIC COMBI HINGE 50, NON-DETACHABLE, BLACK	184		ALUMINUM DIE-CAST COMBI HINGE 20, NON-DETACHABLE, ALU COLOR	202
	PLASTIC COMBI HINGE 60, DETACHABLE, BLACK	185		ALUMINUM DIE-CAST COMBI HINGE 25, DETACHABLE, ALU COLOR	203
	PLASTIC COMBI HINGE 60, NON-DETACHABLE, BLACK	186		ALUMINUM DIE-CAST COMBI HINGE 25, NON-DETACHABLE, ALU COLOR	204
	PLASTIC COMBI HINGE WITH LOCKING LEVER	187		ALUMINUM DIE-CAST COMBI HINGE 30, DETACHABLE, ALU COLOR	205
	SYSTEM HINGE 30	188		ALUMINUM DIE-CAST COMBI HINGE 30, NON-DETACHABLE, ALU COLOR	206

	ALUMINUM DIE-CAST COMBI HINGE 35, DETACHABLE, ALU COLOR	207		ZINC DIE-CAST HINGE	225
	ALUMINUM DIE-CAST COMBI HINGE 35, NON-DETACHABLE, ALU COLOR	208		ZINC DIE-CAST HINGE WITH LOCKING LEVER	226
	ALUMINUM DIE-CAST COMBI HINGE 38 - 1.5", NON-DETACHABLE, ALU COLOR	209		ZINC DIE-CAST HINGE 30 EH	227
	ALUMINUM DIE-CAST COMBI HINGE 40, DETACHABLE, ALU COLOR	210		ZINC DIE-CAST HINGE 40 EH	228
	ALUMINUM DIE-CAST COMBI HINGE 40, NON-DETACHABLE, ALU COLOR	211		ZINC DIE-CAST HINGE 40 EH WITH LOCKING LEVER	229
	ALUMINUM DIE-CAST COMBI HINGE 45, DETACHABLE, ALU COLOR	212		MINI HINGE	230
	ALUMINUM DIE-CAST COMBI HINGE 45, NON-DETACHABLE, ALU COLOR	213		METAL HINGE 40 X 40	231
	ALUMINUM DIE-CAST COMBI HINGE 50, DETACHABLE, ALU COLOR	214		METAL HINGE 50 X 50	232
	ALUMINUM DIE-CAST COMBI HINGE 50, NON-DETACHABLE, ALU COLOR	215		METAL HINGE 50 X 63	233
	ALUMINUM DIE-CAST COMBI HINGE 60, DETACHABLE, ALU COLOR	216		METAL HINGE 50 X 76	234
	ALUMINUM DIE-CAST COMBI HINGE 60, NON-DETACHABLE, ALU COLOR	217		METAL HINGE 60 X 60	235
	CENTERING BOLT FOR ALUMINUM DIE-CAST COMBI HINGE	218		METAL HINGE 60 X 76	236
	ALUMINUM DIE-CAST HINGE 45	219		METAL HINGE 60 X 90	237
	HEAVY-DUTY HINGE	220		METAL HINGE 60 X 120	238
	HEAVY ALUMINUM HINGE (SET)	221		METAL HINGE 2D, ADJUSTABLE IN TWO DIRECTIONS	239
	ALUMINUM HINGE 40 LIGHT	222		METAL HINGE 2D, ONLY ADJUSTABLE VERTICALLY	240
	CONCEALED HINGE COMPONENT	223		METAL HINGE 2D, ONLY ADJUSTABLE HORIZONTALLY	241
	EXTERNAL HINGE COMPONENT	224		METAL HINGE 40 X 38 WITH CONSTANT FRICTION	242

	METAL HINGE 58 X 51 WITH CONSTANT FRICTION	243		STAINLESS STEEL HINGE 50 X 63	261
	METAL HINGE WITH POSITIONING FUNCTION	244		STAINLESS STEEL HINGE 50 X 76	262
	LIGHT METAL HINGE (SET)	245		STAINLESS STEEL HINGE 60 X 60	263
	SWING DOOR HINGE SS 40 / 38 - 1.5"	246		STAINLESS STEEL HINGE LR	264
	STAINLESS STEEL COMBI HINGE 20 MINI, NON-DETACHABLE	247			
	STAINLESS STEEL COMBI HINGE 25, DETACHABLE	248			
	STAINLESS STEEL COMBI HINGE 25, NON-DETACHABLE	249			
	STAINLESS STEEL COMBI HINGE 30, DETACHABLE	250			
	STAINLESS STEEL COMBI HINGE 30, NON-DETACHABLE	251			
	STAINLESS STEEL COMBI HINGE 40, DETACHABLE	252			
	STAINLESS STEEL COMBI HINGE 40, NON-DETACHABLE	253			
	STAINLESS STEEL COMBI HINGE 45, DETACHABLE	254			
	STAINLESS STEEL COMBI HINGE 45, NON-DETACHABLE	255			
	STAINLESS STEEL COMBI HINGE 60, DETACHABLE	256			
	STAINLESS STEEL COMBI HINGE 60, NON-DETACHABLE	257			
	LIGHT STAINLESS STEEL HINGE	258			
	STAINLESS STEEL HINGE 40 X 40	259			
	STAINLESS STEEL HINGE 50 X 50	260			



## COMBI HINGES

**FATH Combi Hinges: components with high-quality stainless steel axle**

2

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- Freely combinable leaf dimensions from 25 to 60 mm

Flexible use due to optional slot guiding pins

Three material / surface versions for different applications

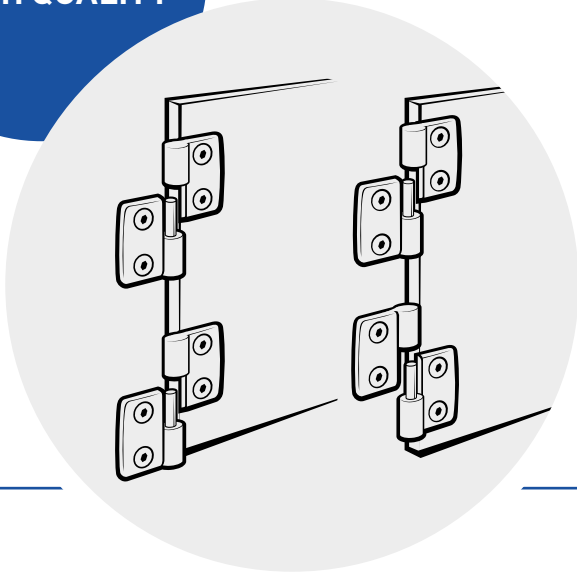
Elegant **FATH** design and high-quality stainless steel axle

**HIGHLIGHTS**

FATH Combi Hinges, made from plastics, stainless steel, and die-cast aluminium, form a visually homogeneous family within which you can freely combine all the different hinge leafs 25, 30, 35, 40, 45, 50 and 60, adapted to your application. Altogether this results in a variety of more than 350 combinations which we are featuring on the following pages. For assembly on aluminum profiles we supply our hinges with guiding pins on the rear side - depending on the material, these are either part of the mold (PA) or are produced separately and supplied with the hinges (die-cast aluminium).

A little trickIt is actually quite simple: when you want a door or flap to be non-detachable, you can also use detachable hinges. Just take a right and a left one and because of their opposite positions the door/flap cannot be lifted off.

**FUNCTIONAL & HIGH QUALITY**



### General information about FATH Hinges:

Every hinge has a left and a right version. When ordering, please indicate which way you want the door or flap to open.

- Left hinge: The wing with the fixed axle is on the left side, opening the door/flap from the right to the left.
- Right hinge: The wing with the fixed axle is on the right side, opening the door/flap from the left to the right.
- Fixed hinge: The fixed hinge cannot be taken apart and can be used for left or right hand opening.

# AVAILABLE IN DIFFERENT VERSIONS

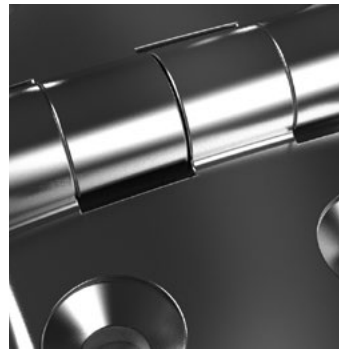
## Plastic Combi Hinges PA

These hinge leaves are made of glass fiber reinforced polyamide in black with a textured finish. They represent a cost-effective and sturdy basic solution. As an option, for assembly on aluminum profiles with T-slots, we supply our PA hinge leaves with integrated guiding pins. These can be removed with pliers, a cutter or with a file.



## Stainless Steel Combi Hinges

**FATH** stainless steel combi hinges not only look gorgeous due to their polished surface, they are also exceptionally resistant to environmental factors. After assembly of the bolts in the bore holes, we close the end faces of the hinge using a special process. Stainless steel hinges are flat on the rear side.



## Die-cast Aluminum Combi Hinges

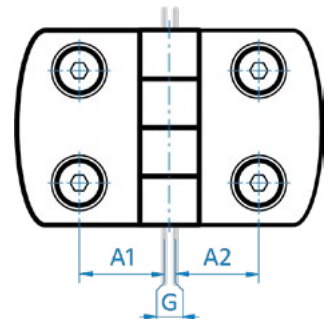
Providing a matt alu color surface, these hinges particularly fit with anodized aluminum profiles. All aluminum die-cast hinge leaves have supports for optional centering pins.



### Tip

Combi hinges, as well as most of the other **FATH** hinges, are supplied with a stainless steel axle as standard.

The gap clearance (G) of the combi hinges 25 to 60 is 5 mm, combi hinges MINI 20 have a 3 mm gap clearance. Combi hinges are made for mounting with self-centering countersunk screws.

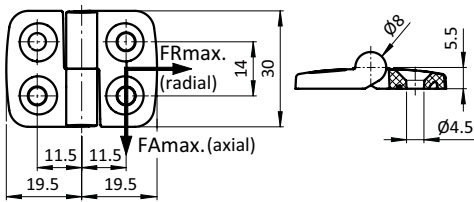


Get to know it  
better now!

[combi-hinge.fath24.com](http://combi-hinge.fath24.com)

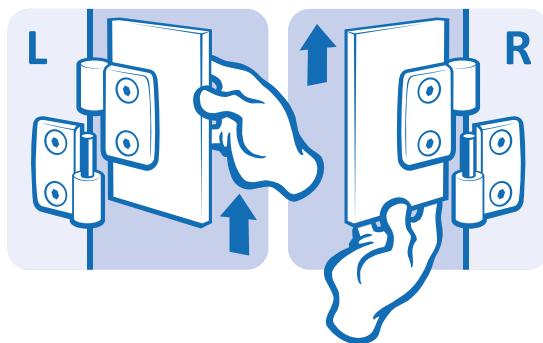
**PLASTIC COMBI HINGE 20 MINI, DETACHABLE**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M4 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request



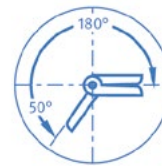
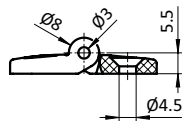
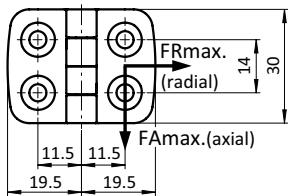
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Version	Combination	Fmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	20 / 20	50	100	6.5	<a href="#">095K2020L00</a>
R: Right	20 / 20	50	100	6.5	<a href="#">095K2020R00</a>



**PLASTIC COMBI HINGE 20 MINI, NON-DETACHABLE**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M4 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request

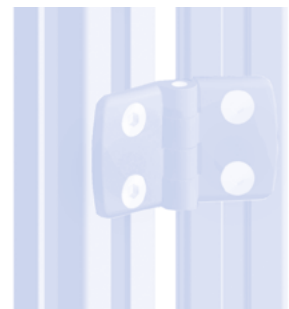
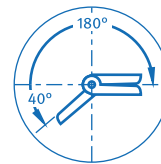
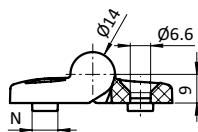
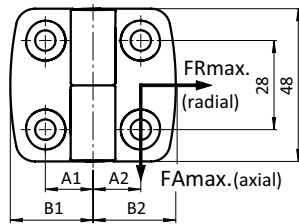


Version	Combination	FAmx [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	20 / 20	200	400	7.5	<b>095K2020F00</b>



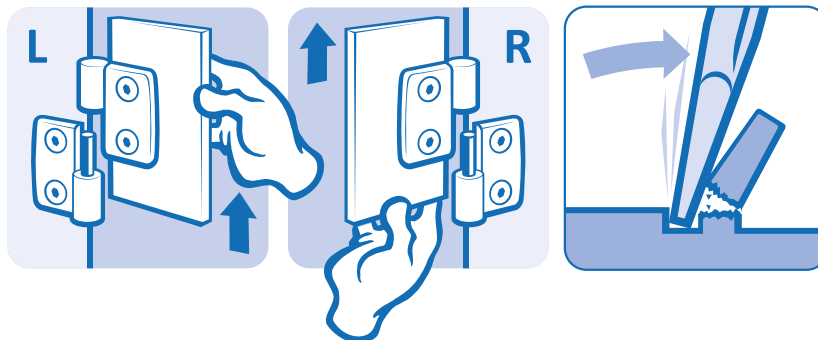
**PLASTIC COMBI HINGE 25, DETACHABLE, BLACK**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request



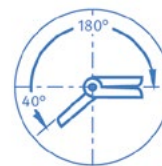
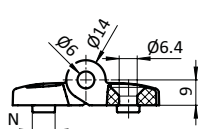
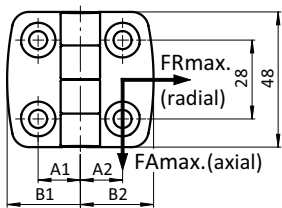
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Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	25 / 25	15.0	15.0	26.0	26.0		425	625	31.0	<a href="#">095K2525L00</a>
	25 / 25	15.0	15.0	26.0	26.0	6	425	625	31.0	<a href="#">095K2525L06</a>
	25 / 25	15.0	15.0	26.0	26.0	8	425	625	31.0	<a href="#">095K2525L08</a>
	25 / 30	15.0	17.5	26.0	29.5		500	700	33.0	<a href="#">095K2530L00</a>
	25 / 35	15.0	20.0	26.0	36.0		400	700	35.0	<a href="#">095K2535L00</a>
	25 / 40	15.0	22.5	26.0	38.5		350	800	37.0	<a href="#">095K2540L00</a>
	25 / 45	15.0	25.0	26.0	43.5		325	800	38.0	<a href="#">095K2545L00</a>
	25 / 50	15.0	27.5	26.0	48.5		320	800	40.0	<a href="#">095K2550L00</a>
R: Right	25 / 25	15.0	15.0	26.0	26.0		425	625	31.0	<a href="#">095K2525R00</a>
	25 / 25	15.0	15.0	26.0	26.0	6	425	625	31.0	<a href="#">095K2525R06</a>
	25 / 25	15.0	15.0	26.0	26.0	8	425	625	31.0	<a href="#">095K2525R08</a>
	25 / 30	17.5	15.0	29.5	26.0		500	700	33.0	<a href="#">095K2530R00</a>
	25 / 35	20.0	15.0	36.0	26.0		400	700	35.0	<a href="#">095K2535R00</a>
	25 / 40	22.5	15.0	38.5	26.0		350	800	37.0	<a href="#">095K2540R00</a>
	25 / 45	25.0	15.0	43.5	26.0		325	800	38.0	<a href="#">095K2545R00</a>
	25 / 50	27.5	15.0	48.5	26.0		320	800	40.0	<a href="#">095K2550R00</a>

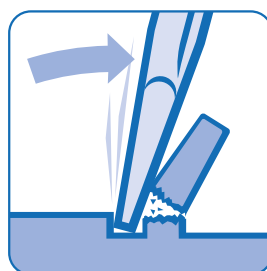


**PLASTIC COMBI HINGE 25, NON-DETACHABLE, BLACK**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request

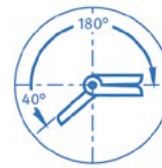
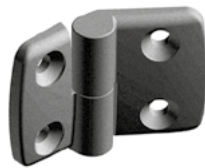
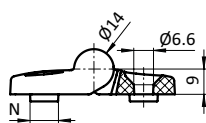
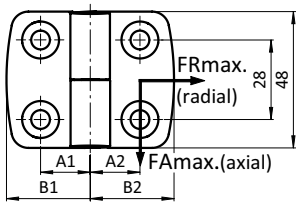


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	FMax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	25 / 25	15.0	15.0	26.0	26.0		380	500	32.0	<a href="#">095K2525F00</a>
	25 / 25	15.0	15.0	26.0	26.0	6	380	500	32.0	<a href="#">095K2525F06</a>
	25 / 25	15.0	15.0	26.0	26.0	8	380	500	32.0	<a href="#">095K2525F08</a>
	30 / 25	17.5	15.0	29.5	26.0		400	500	34.0	<a href="#">095K2530F00</a>
	25 / 35	15.0	20.0	26.0	36.0		400	750	36.0	<a href="#">095K2535F00</a>
	25 / 40	15.0	22.5	26.0	38.5		450	750	38.0	<a href="#">095K2540F00</a>
	25 / 45	25.0	15.0	43.5	26.0		450	750	39.0	<a href="#">095K2545F00</a>
	25 / 50	15.0	27.5	48.5	26.0		425	800	34.1	<a href="#">095K2550F00</a>
25 / 60	15.0	32.5	57.5	26.0		200	850	41.0	<a href="#">095K2560F00</a>	



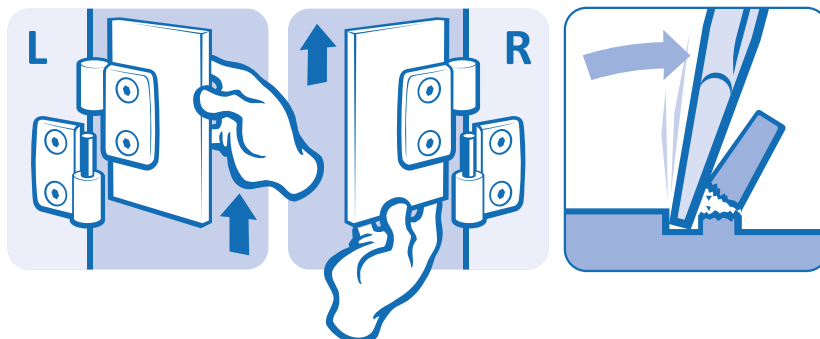
**PLASTIC COMBI HINGE 30, DETACHABLE, BLACK**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced; Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request



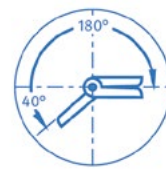
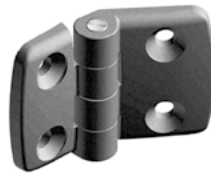
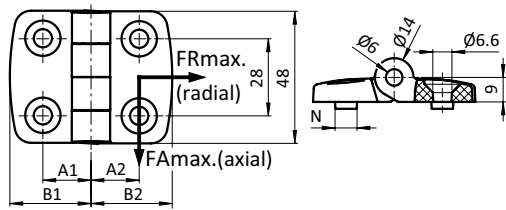
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Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	30 / 30	17.5	17.5	29.5	29.5		500	750	34.0	<a href="#">095K3030L00</a>
	30 / 30	17.5	17.5	29.5	29.5	6	500	750	34.0	<a href="#">095K3030L06</a>
	30 / 30	17.5	17.5	29.5	29.5	8	500	750	34.0	<a href="#">095K3030L08</a>
	30 / 40	17.5	22.5	29.5	38.5		350	800	38.0	<a href="#">095K3040L00</a>
	30 / 45	17.5	25.0	29.5	43.5		350	800	40.0	<a href="#">095K3045L00</a>
	30 / 50	17.5	27.5	29.5	48.5		350	800	41.0	<a href="#">095K3050L00</a>
R: Right	30 / 30	17.5	17.5	29.5	29.5		500	750	34.0	<a href="#">095K3030R00</a>
	30 / 30	17.5	17.5	29.5	29.5	6	500	750	34.0	<a href="#">095K3030R06</a>
	30 / 30	17.5	17.5	29.5	29.5	8	500	750	34.0	<a href="#">095K3030R08</a>
	30 / 25	15.0	17.5	26.0	29.5		450	750	33.0	<a href="#">095K3025R00</a>
	30 / 40	22.5	17.5	38.5	29.5		350	800	38.0	<a href="#">095K3040R00</a>
	30 / 45	25.0	17.5	43.5	29.5		350	800	40.0	<a href="#">095K3045R00</a>

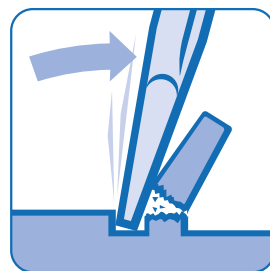


**PLASTIC COMBI HINGE 30, NON-DETACHABLE, BLACK**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced; Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request

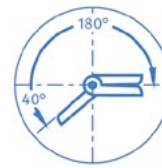
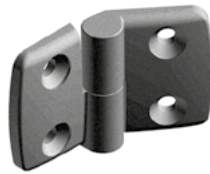
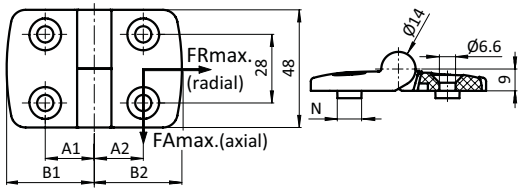


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	FAmox [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	30 / 30	17.5	17.5	29.5	29.5		400	700	36.0	<a href="#">095K3030F00</a>
	30 / 30	17.5	17.5	29.5	29.5	6	400	700	36.0	<a href="#">095K3030F06</a>
	30 / 30	17.5	17.5	29.5	29.5	8	400	700	36.0	<a href="#">095K3030F08</a>
	30 / 35	17.5	20.0	29.5	36.0		400	700	37.0	<a href="#">095K3035F00</a>
	30 / 40	17.5	22.5	29.5	38.5		450	750	39.0	<a href="#">095K3040F00</a>
	30 / 45	17.5	25.0	29.5	43.5		450	750	125.0	<a href="#">095K3045F00</a>
	30 / 50	17.5	27.5	29.5	48.5		425	800	43.0	<a href="#">095K3050F00</a>
	30 / 60	17.5	32.5	29.5	57.5		200	850	46.0	<a href="#">095K3060F00</a>



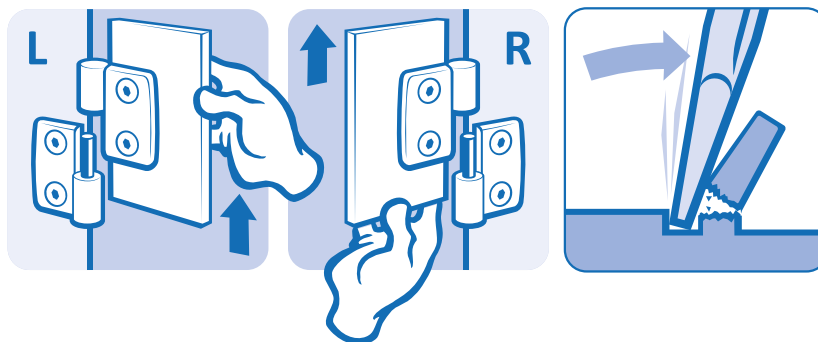
**PLASTIC COMBI HINGE 35, DETACHABLE, BLACK**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced; Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request



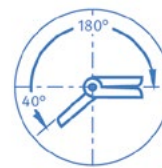
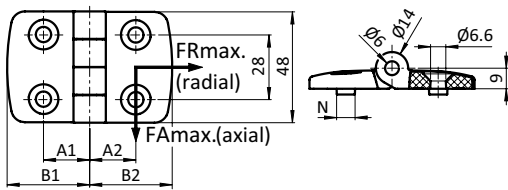
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Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	Fmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	35 / 35	20.0	20.0	36.0	36.0		400	750	38.0	<a href="#">095K3535L00</a>
	35 / 35	20.0	20.0	36.0	36.0		400	750	38.0	<a href="#">095K3535L08</a>
	35 / 40	20.0	22.5	36.0	38.5		350	800	40.0	<a href="#">095K3540L00</a>
	35 / 60	20.0	32.5	36.0	57.5		240	800	47.0	<a href="#">095K3560L00</a>
R: Right	35 / 35	20.0	20.0	36.0	36.0		400	750	38.0	<a href="#">095K3535R00</a>
	35 / 35	20.0	20.0	36.0	36.0	8	400	750	38.0	<a href="#">095K3535R08</a>
	35 / 35	20.0	20.0	36.0	36.0	10	400	750	38.0	<a href="#">095K3535R10</a>

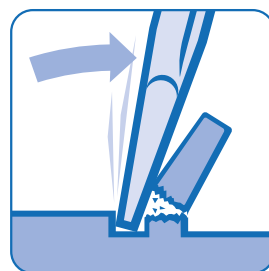


**PLASTIC COMBI HINGE 35, NON-DETACHABLE, BLACK**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced; Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request

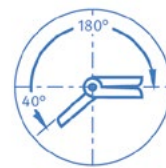
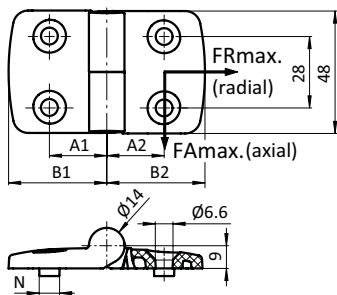


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	35 / 35	20.0	20.0	36.0	36.0		400	700	40.0	<a href="#">095K3535F00</a>
	35 / 35	20.0	20.0	36.0	36.0	8	400	700	40.0	<a href="#">095K3535F08</a>
	35 / 35	20.0	20.0	36.0	36.0	10	400	700	40.0	<a href="#">095K3535F10</a>
	35 / 40	20.0	22.5	36.0	38.5		450	750	41.0	<a href="#">095K3540F00</a>
	35 / 45	20.0	25.0	36.0	43.5		450	750	42.0	<a href="#">095K3545F00</a>
	35 / 50	20.0	27.5	36.0	48.5		425	800	44.0	<a href="#">095K3550F00</a>
	35 / 60	20.0	32.5	36.0	57.5		175	800	47.0	<a href="#">095K3560F00</a>



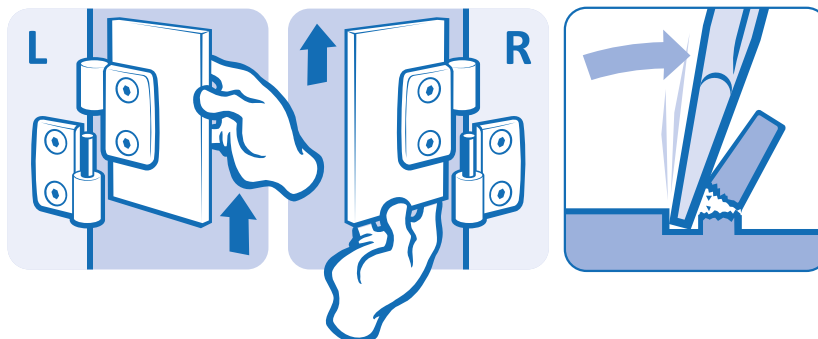
**PLASTIC COMBI HINGE 40, DETACHABLE, BLACK**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced; Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request



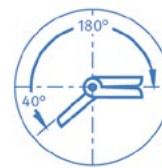
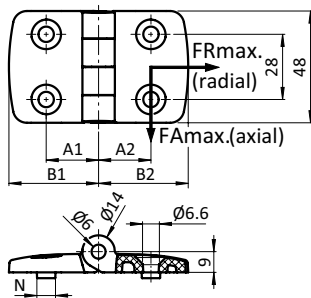
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Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	40 / 40	22.5	22.5	38.5	38.5		400	800	42.0	<a href="#">095K4040L00</a>
	40 / 40	22.5	22.5	38.5	38.5	8	400	800	42.0	<a href="#">095K4040L08</a>
	40 / 40	22.5	22.5	38.5	38.5	10	400	800	42.0	<a href="#">095K4040L10</a>
	40 / 30	22.5	17.5	38.5	29.5		500	750	38.0	<a href="#">095K4030L00</a>
	40 / 35	22.5	20.0	38.5	36.0		400	750	40.0	<a href="#">095K4035L00</a>
	40 / 60	22.5	32.5	38.5	57.5		240	800	49.0	<a href="#">095K4060L00</a>
R: Right	40 / 40	22.5	22.5	38.5	38.5		350	800	42.0	<a href="#">095K4040R00</a>
	40 / 40	22.5	22.5	38.5	38.5	8	350	800	42.0	<a href="#">095K4040R08</a>
	40 / 40	22.5	22.5	38.5	38.5	10	350	800	42.0	<a href="#">095K4040R10</a>
	40 / 25	15.0	22.5	26.0	38.5		425	650	37.0	<a href="#">095K4025R00</a>
	40 / 30	17.5	22.5	29.5	38.5		500	750	38.0	<a href="#">095K4030R00</a>
	40 / 35	20.0	22.5	36.0	38.5		400	750	40.0	<a href="#">095K4035R00</a>
40 / 60	32.5	22.5	57.5	38.5		240	800	49.0	<a href="#">095K4060R00</a>	

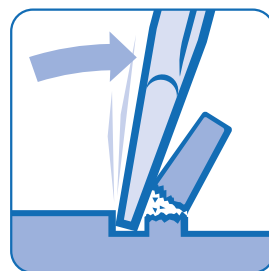


**PLASTIC COMBI HINGE 40, NON-DETACHABLE, BLACK**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced; Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request



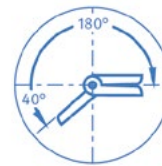
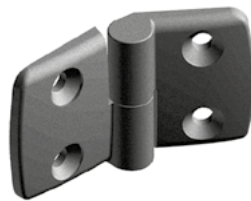
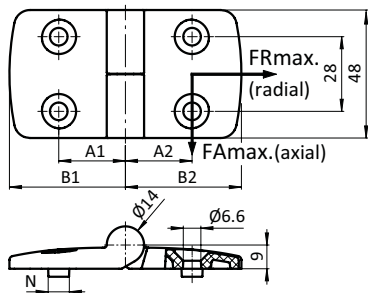
Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
Non-detachable	40 / 40	22.5	22.5	38.5	38.5		450	750	43.0	<a href="#">095K4040F00</a>
	40 / 40	22.5	22.5	38.5	38.5	8	450	750	43.0	<a href="#">095K4040F08</a>
	40 / 40	22.5	22.5	38.5	38.5	10	450	750	43.0	<a href="#">095K4040F10</a>
	40 / 45	22.5	25.0	38.5	43.5		450	750	44.0	<a href="#">095K4045F00</a>
	40 / 50	22.5	27.5	38.5	48.5		425	800	46.0	<a href="#">095K4050F00</a>
	40 / 60	22.5	32.5	38.5	57.5		175	850	49.0	<a href="#">095K4060F00</a>





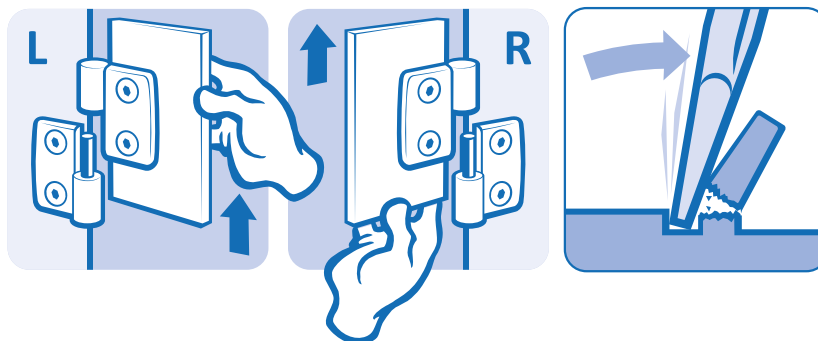
**PLASTIC COMBI HINGE 45, DETACHABLE, BLACK**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request



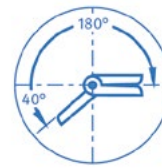
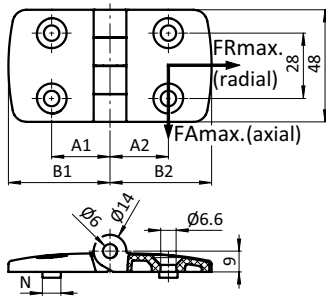
2

Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	Fmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	45 / 45	25.0	25.0	43.5	43.5		325	800	45.0	<a href="#">095K4545L00</a>
	45 / 45	25.0	25.0	43.5	43.5	8	325	800	45.0	<a href="#">095K4545L08</a>
	45 / 45	25.0	25.0	43.5	43.5	10	325	800	45.0	<a href="#">095K4545L10</a>
	45 / 35	25.0	20.0	43.5	36.0		400	700	42.0	<a href="#">095K4535L00</a>
R: Right	45 / 45	25.0	25.0	43.5	43.5		325	800	45.0	<a href="#">095K4545R00</a>
	45 / 45	25.0	25.0	43.5	43.5	8	325	800	45.0	<a href="#">095K4545R08</a>
	45 / 45	25.0	25.0	43.5	43.5	10	325	800	45.0	<a href="#">095K4545R10</a>
	45 / 30	17.5	25.0	29.5	43.5		500	750	40.0	<a href="#">095K4530R00</a>
	45 / 35	20.0	25.0	36.0	43.5		325	800	42.0	<a href="#">095K4535R00</a>
	45 / 40	22.5	25.0	38.5	43.5		350	800	43.0	<a href="#">095K4540R00</a>

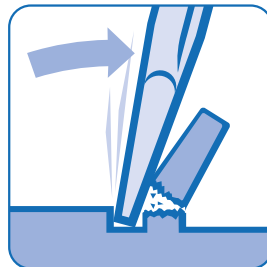


**PLASTIC COMBI HINGE 45, NON-DETACHABLE, BLACK**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request

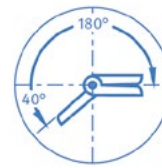
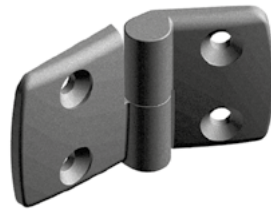
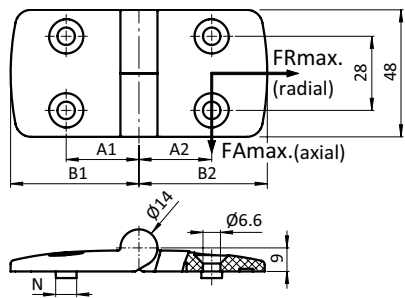


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	FMax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	45 / 45	25.0	25.0	43.5	43.5		450	750	46.0	<a href="#">095K4545F00</a>
	45 / 45	25.0	25.0	43.5	43.5	8	450	750	46.0	<a href="#">095K4545F08</a>
	45 / 45	25.0	25.0	43.5	43.5	10	450	750	46.0	<a href="#">095K4545F10</a>
	45 / 50	25.0	27.5	43.5	48.5		425	800	48.0	<a href="#">095K4550F00</a>
	45 / 60	25.0	32.5	43.5	57.5		200	850	51.0	<a href="#">095K4560F00</a>



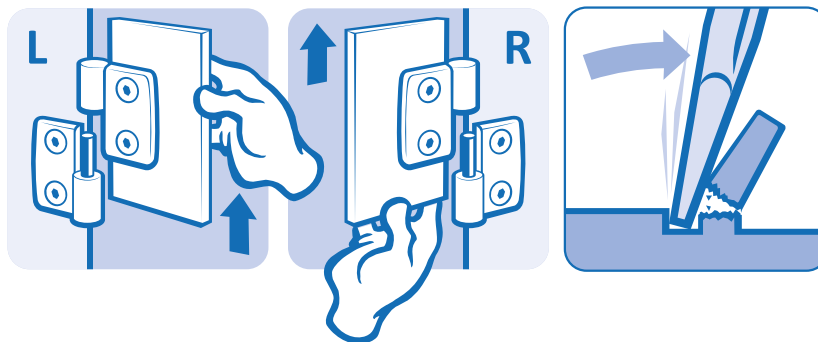
**PLASTIC COMBI HINGE 50, DETACHABLE, BLACK**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request



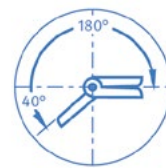
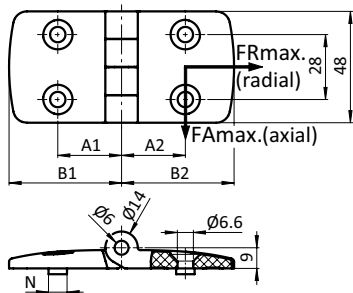
2

Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	Fmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	50 / 50	27.5	27.5	48.5	48.5		320	800	48.0	<a href="#">095K5050L00</a>
	50 / 50	27.5	27.5	48.5	48.5	8	320	800	48.0	<a href="#">095K5050L08</a>
	50 / 50	27.5	27.5	48.5	48.5	10	320	800	48.0	<a href="#">095K5050L10</a>
R: Right	50 / 50	27.5	27.5	48.5	48.5		320	800	48.0	<a href="#">095K5050R00</a>
	50 / 50	27.5	27.5	48.5	48.5	8	320	800	48.0	<a href="#">095K5050R08</a>
	50 / 50	27.5	27.5	48.5	48.5	10	320	800	48.0	<a href="#">095K5050R10</a>
	50 / 25	15.0	27.5	26.0	48.5		425	650	40.0	<a href="#">095K5025R00</a>
	50 / 30	17.5	27.5	29.5	48.5		500	750	41.0	<a href="#">095K5030R00</a>

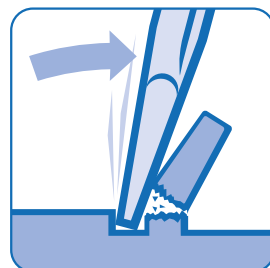


**PLASTIC COMBI HINGE 50, NON-DETACHABLE, BLACK**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request

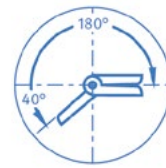
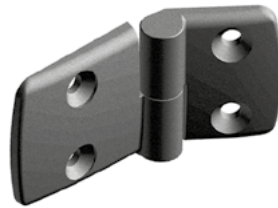
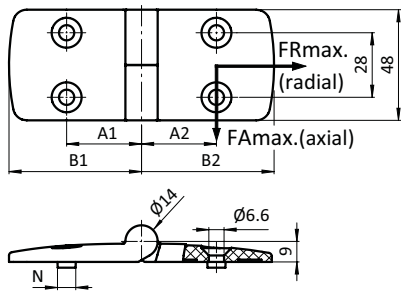


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	50 / 50	27.5	27.5	48.5	48.5		425	800	49.0	<a href="#">095K5050F00</a>
	50 / 50	27.5	27.5	48.5	48.5	8	425	800	49.0	<a href="#">095K5050F08</a>
	50 / 50	27.5	27.5	48.5	48.5	10	425	800	49.0	<a href="#">095K5050F10</a>
	50 / 60	27.5	32.5	48.5	57.5		200	850	52.0	<a href="#">095K5060F00</a>



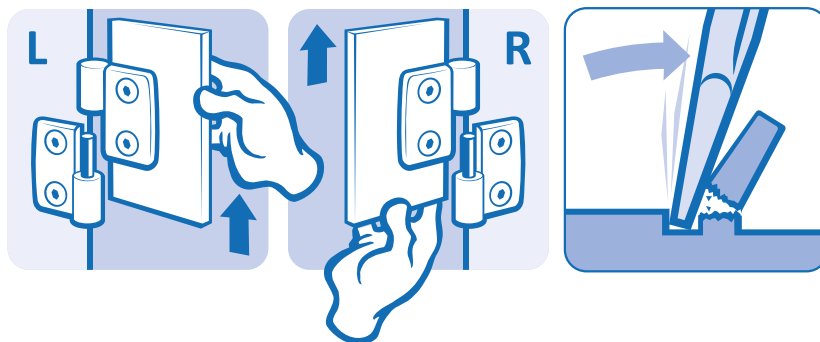
**PLASTIC COMBI HINGE 60, DETACHABLE, BLACK**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request



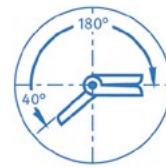
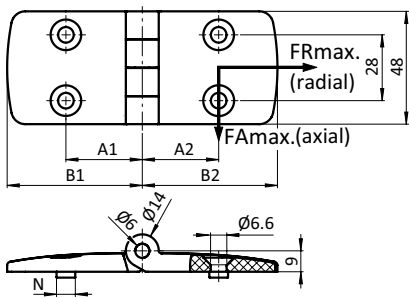
2

Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	Fmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	60 / 60	32.5	32.5	57.5	57.5		240	900	55.0	<a href="#">095K6060L00</a>
	60 / 60	32.5	32.5	57.5	57.5	8	240	900	55.0	<a href="#">095K6060L08</a>
	60 / 60	32.5	32.5	57.5	57.5	10	240	900	55.0	<a href="#">095K6060L10</a>
R: Right	60 / 60	32.5	32.5	57.5	57.5		240	900	55.0	<a href="#">095K6060R00</a>
	60 / 60	32.5	32.5	57.5	57.5	10	240	900	55.0	<a href="#">095K6060R10</a>
	60 / 30	17.5	32.5	29.5	57.5		500	750	45.0	<a href="#">095K6030R00</a>
	60 / 35	20.0	32.5	36.0	57.5		400	700	47.0	<a href="#">095K6035R00</a>

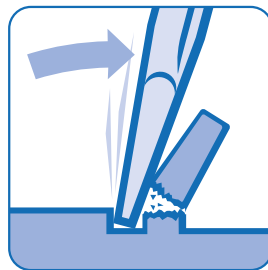


**PLASTIC COMBI HINGE 60, NON-DETACHABLE, BLACK**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, further colors, centering pins for installation on aluminum profiles available on request



Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
Non-detachable	60 / 60	32.5	32.5	57.5	57.5		175	850	55.0	<a href="#">095K6060F00</a>
	60 / 60	32.5	32.5	57.5	57.5	8	175	850	55.0	<a href="#">095K6060F08</a>
	60 / 60	32.5	32.5	57.5	57.5	10	175	850	55.0	<a href="#">095K6060F10</a>

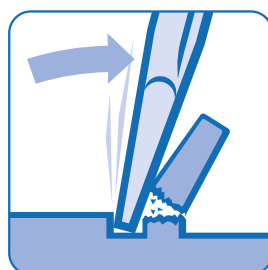


PLASTIC COMBI HINGE WITH LOCKING LEVER

<b>MODEL</b>	Plastic PA, Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles; can be locked at any position
<b>MATERIAL</b>	Hinge: Plastic PA, glass fiber reinforced KIPP locking lever: Plastic PA, glass fiber reinforced Mechanism: Steel, zinc plated (RoHS conform)
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Combinations of different wing sizes are available on request



Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
Non-detachable	25 / 25	15.0	15.0	26.0	26.0		380	500	43.0	<a href="#">095KF2525F00</a>
	25 / 25	15.0	15.0	26.0	26.0	6	380	500	43.0	<a href="#">095KF2525F06</a>
	25 / 25	15.0	15.0	26.0	26.0	8	380	500	43.0	<a href="#">095KF2525F08</a>
	30 / 30	17.5	17.5	29.5	29.5		400	700	47.0	<a href="#">095KF3030F00</a>
	30 / 30	17.5	17.5	29.5	29.5	8	400	700	47.0	<a href="#">095KF3030F08</a>
	35 / 35	20.0	20.0	36.0	36.0		400	700	51.0	<a href="#">095KF3535F00</a>
	40 / 40	22.5	22.5	38.5	38.5		450	750	55.0	<a href="#">095KF4040F00</a>
	40 / 40	22.5	22.5	38.5	38.5	8	450	750	55.0	<a href="#">095KF4040F08</a>
	40 / 40	22.5	22.5	38.5	38.5	10	450	750	55.0	<a href="#">095KF4040F10</a>
	45 / 45	25.0	25.0	43.5	43.5		450	750	57.0	<a href="#">095KF4545F00</a>
	45 / 45	25.0	25.0	43.5	43.5	10	450	750	57.0	<a href="#">095KF4545F10</a>
	50 / 50	27.5	27.5	48.5	48.5		425	800	62.0	<a href="#">095KF5050F00</a>
60 / 60	32.5	32.5	57.5	57.5		175	850	67.0	<a href="#">095KF6060F00</a>	

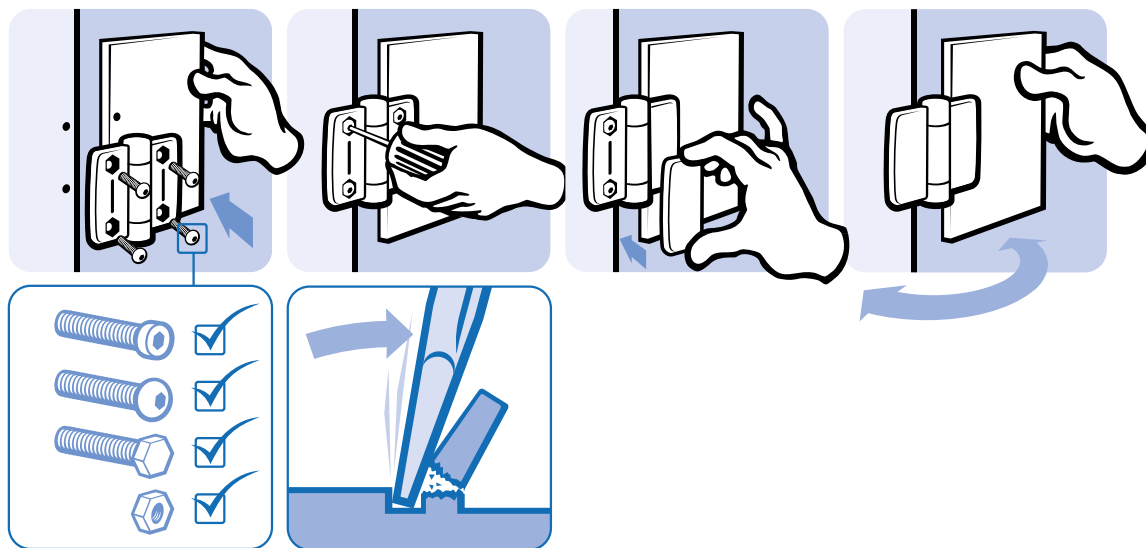


SYSTEM HINGE 30

<b>MODEL</b>	With cover caps
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, with cover caps
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front using M6 screws, from the back using hexagon nuts and bolts
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Combinations of different wing sizes are available on request



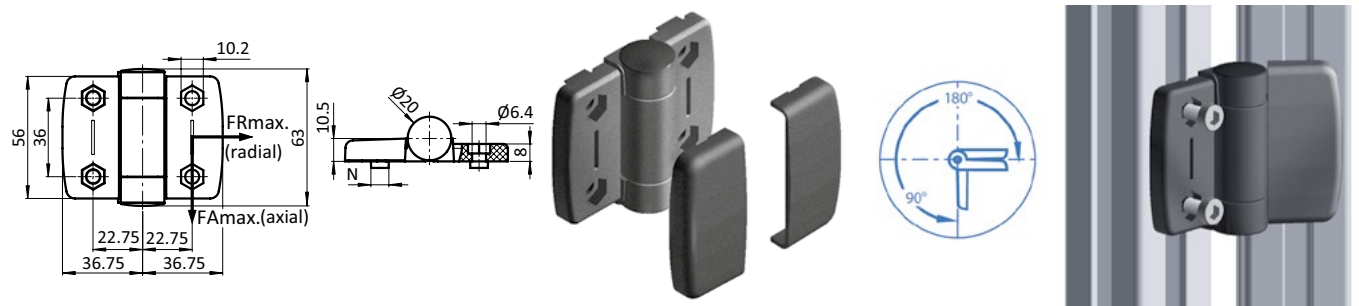
N	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
	350	400	39.0	095S3030A00
6	350	400	39.0	095S3030A06



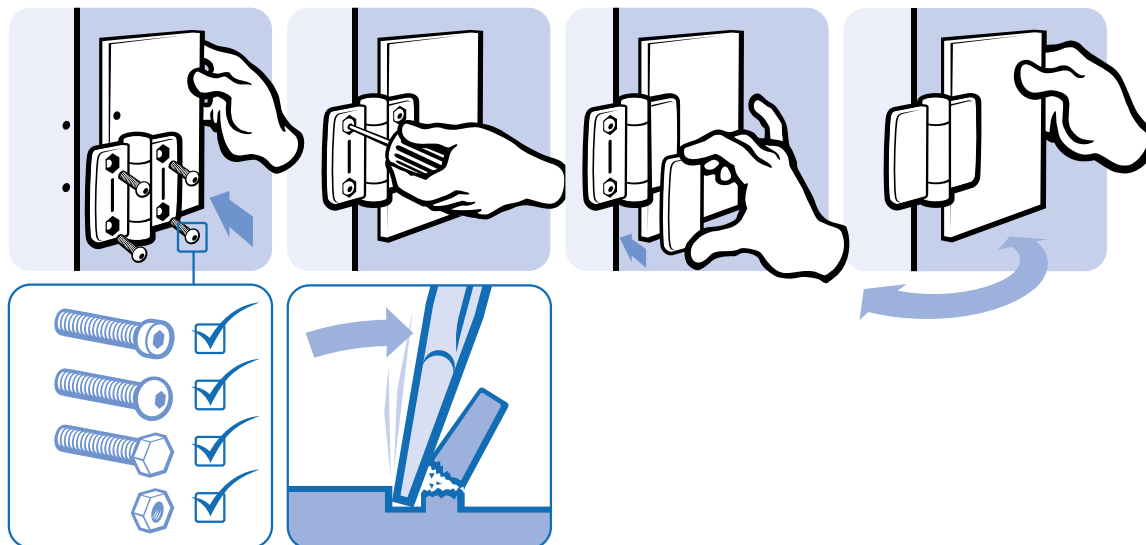


SYSTEM HINGE 40

<b>MODEL</b>	With cover caps
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles; with cover caps
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front using M6 screws, from the back using hexagon nuts and bolts
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Combinations of different wing sizes are available on request

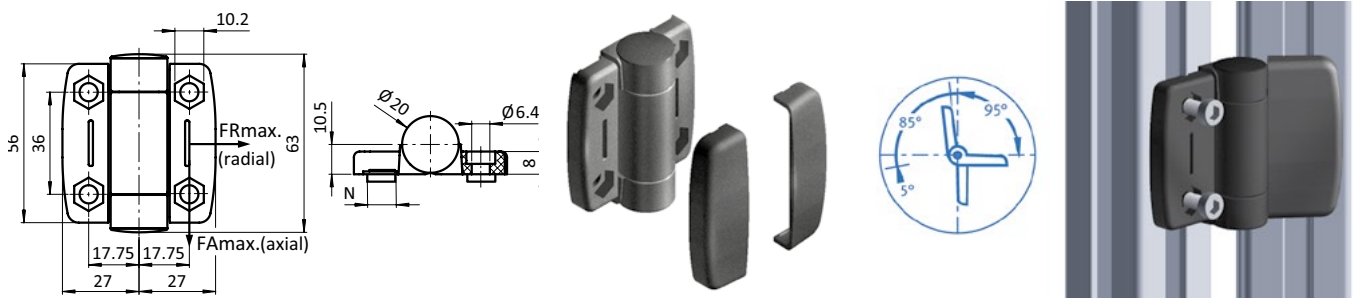


N	FAmax [N]	FRmax [N]	Weight [g]	Part #
	425	600	51.0	095S4040A00
8	425	600	51.0	095S4040A08
10	425	600	51.0	095S4040A10

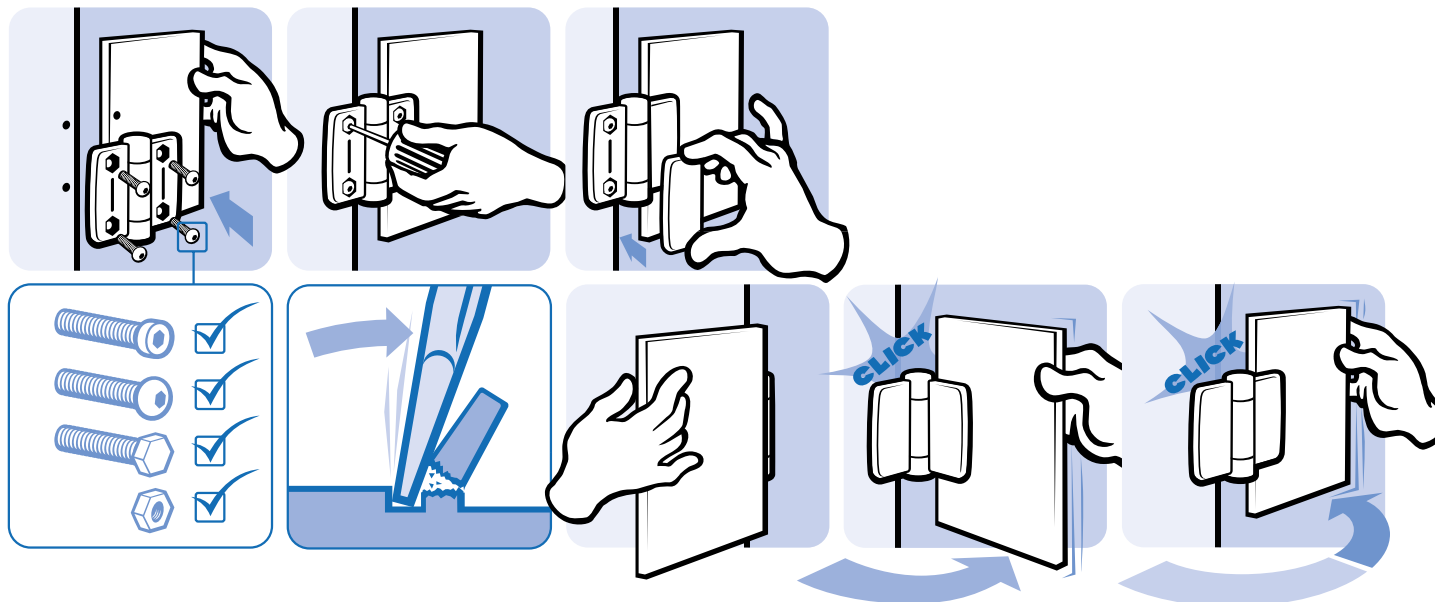


**SYSTEM HINGE 30 WITH POSITIONING FUNCTION**

<b>MODEL</b>	With cover caps
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, with cover caps; to hold a door open at an angle at 85° or 175° or to keep it securely closed
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front using M6 screws, from the back using hexagon nuts and bolts
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Combinations of different wing sizes are available on request * +/- 25% of the setting value

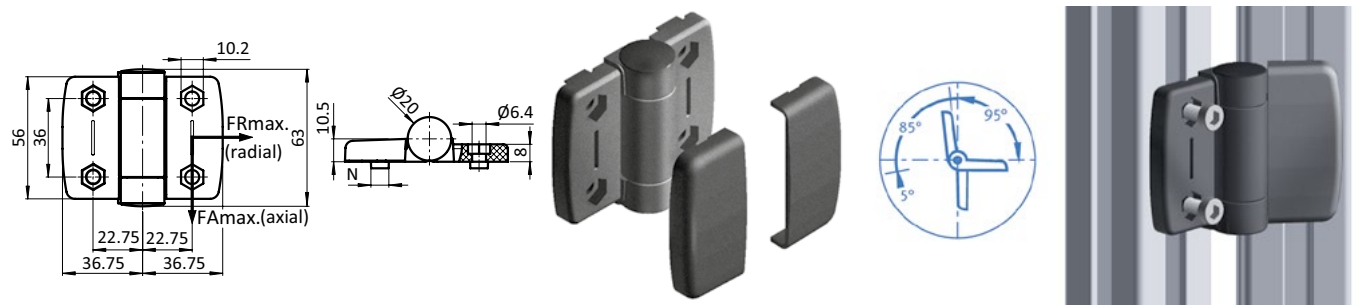


Cogging Torque* [Nm]	N	Fmax [N]	FRmax [N]	Weight [g]	Part #
2.0		350	400	57.0	<a href="#">095SR3030A00</a>
2.0	8	350	400	73.0	<a href="#">095SR3030A08</a>



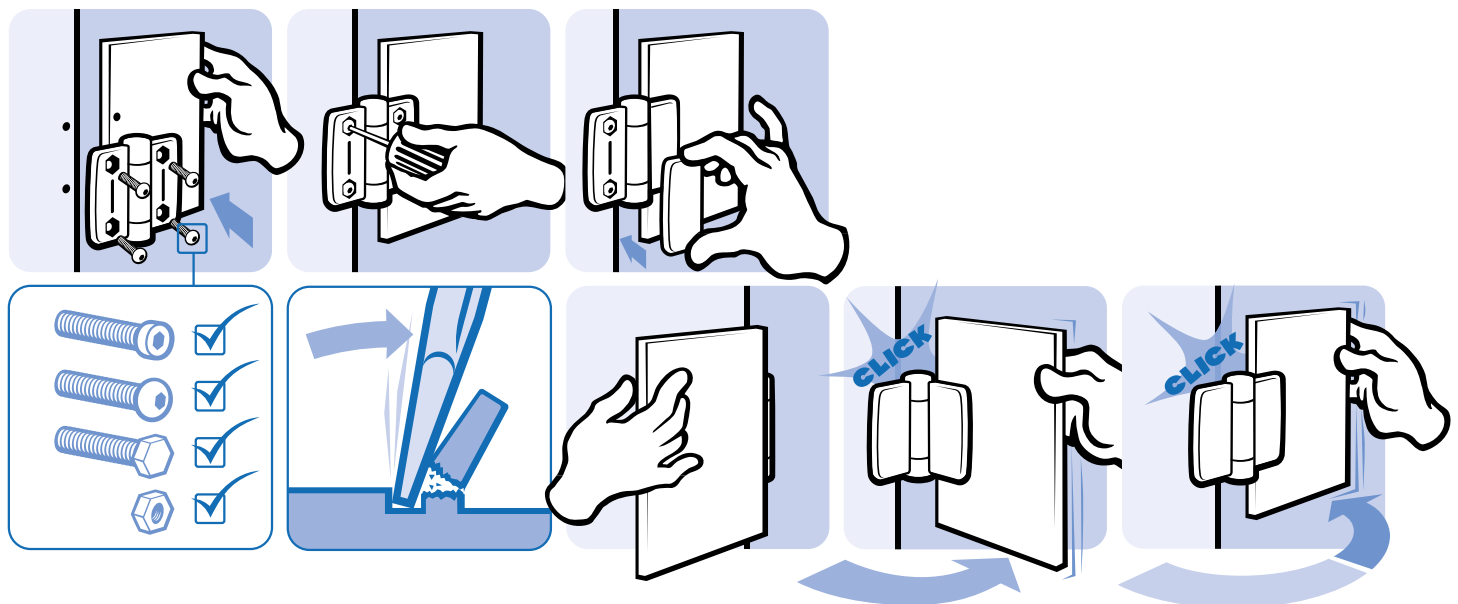
**SYSTEM HINGE 40 WITH POSITIONING FUNCTION**

<b>MODEL</b>	With cover caps
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, with cover caps; to hold a door open at an angle at 85° or 175° or to keep it securely closed
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front using M6 screws, from the back using hexagon nuts and bolts
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Combinations of different wing sizes are available on request * +/- 25% of the setting value



2

Cogging Torque* [Nm]	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
2.0		425	600	93.0	<a href="#">095SR4040A00</a>
2.0	8	425	600	93.0	<a href="#">095SR4040A08</a>
2.0	10	425	600	93.0	<a href="#">095SR4040A10</a>

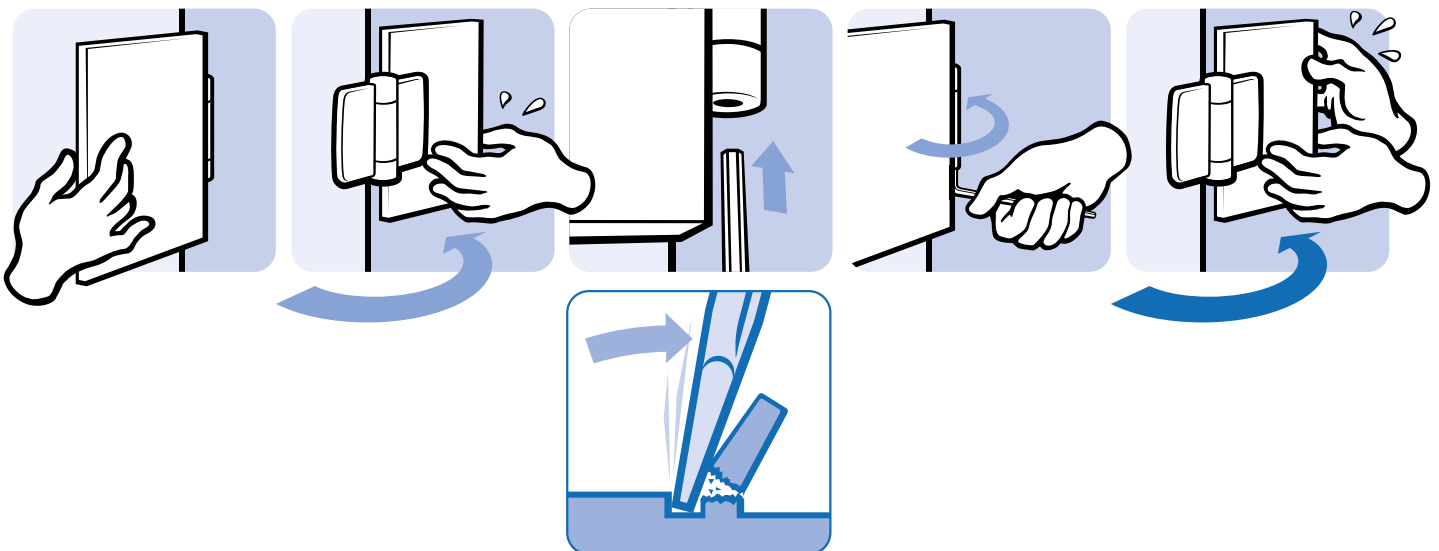


**SYSTEM HINGE 30 WITH ADJUSTABLE FRICTION**

<b>MODEL</b>	With cover caps
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles; to hold a door open at an angle at any angle; infinitely variable from 0 - 5 Nm hinge moment; also supports lightweight doors
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front using M6 screws, from the back using hexagon nuts and bolts
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Combinations of different wing sizes are available on request

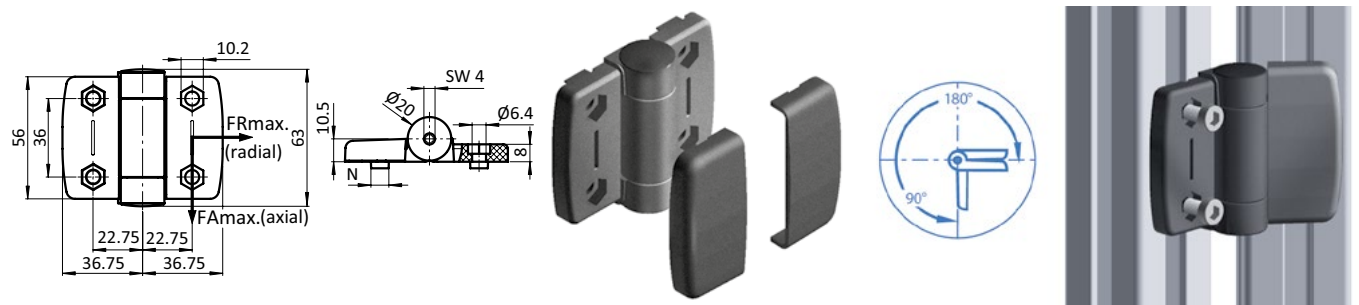


Friction Torque [Nm]	N	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
0-5		325	400	51.7	<a href="#">095SF3030A00</a>
0-5	6	325	400	51.7	<a href="#">095SF3030A06</a>
0-5	8	325	400	51.7	<a href="#">095SF3030A08</a>



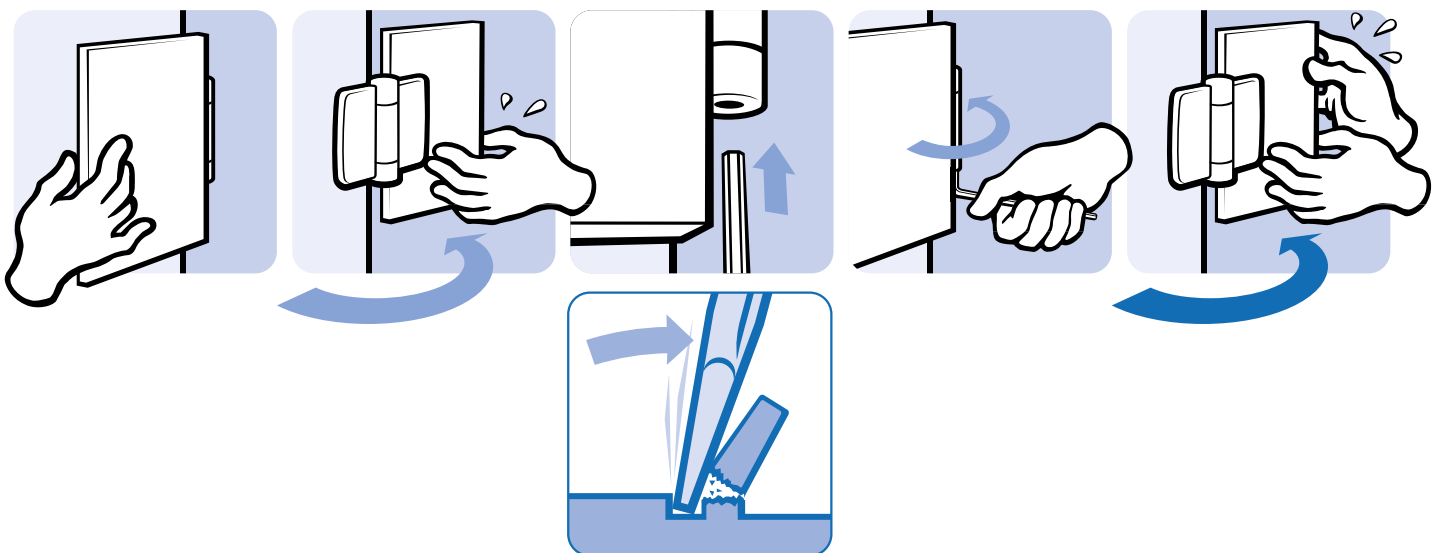
SYSTEM HINGE 40 WITH ADJUSTABLE FRICTION

<b>MODEL</b>	With cover caps
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles; to hold a door open at an angle at any angle; infinitely variable from 0 - 5 Nm hinge moment; also supports lightweight doors
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front using M6 screws, from the back using hexagon nuts and bolts
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Combinations of different wing sizes are available on request



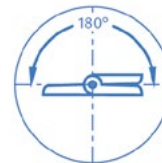
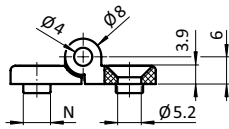
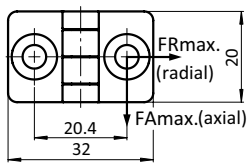
2

Friction Torque [Nm]	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
0-5		425	600	93.0	<b>095SF4040A00</b>
0-5	8	425	600	93.0	<b>095SF4040A08</b>
0-5	10	425	600	93.0	<b>095SF4040A10</b>



**PLASTIC HINGE 20 MINI, BLACK**

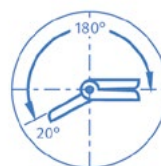
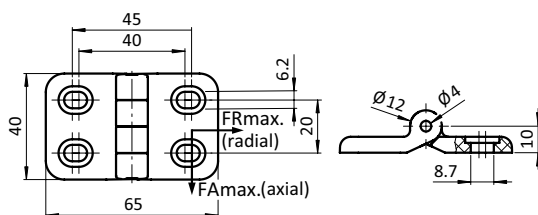
<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M5 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



	N	Fmax [N]	FRmax [N]	Weight [g]	Part #
		240	300	5.0	<a href="#">095022F00</a>
	5	240	300	5.0	<a href="#">095022F05</a>
	6	240	300	5.0	<a href="#">095022F06</a>

**LIGHT PLASTIC HINGE 35 - 40, BLACK**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 lens or socket head screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

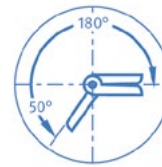
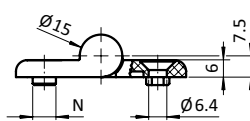
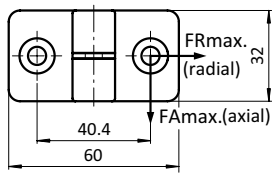


2

	FAmax [N]	FRmax [N]	Weight [g]	Part #
	300	500	23.1	095004

**PLASTIC HINGE 32 X 60, BLACK**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To connect aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

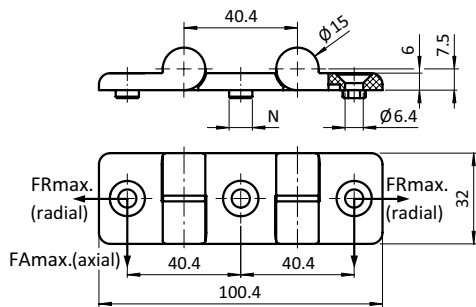


	Version	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
	L: Left	8	100	200	21.0	<a href="#">095020L</a>
	R: Right	8	100	200	21.0	<a href="#">095020R</a>



**PLASTIC HINGE 32 X 100, DOUBLE, BLACK**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To connect aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

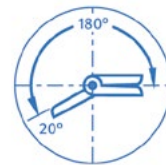
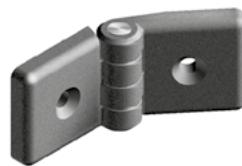
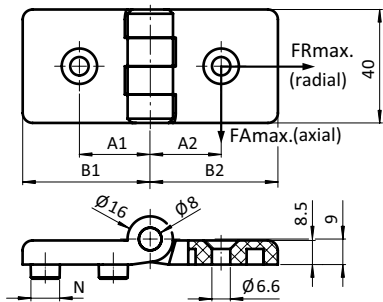


2

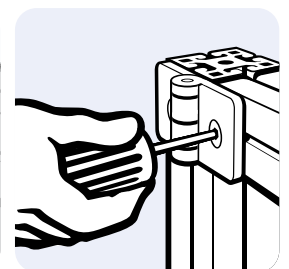
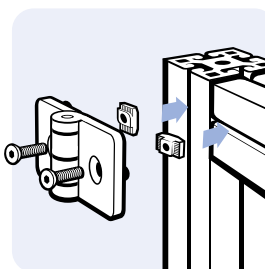
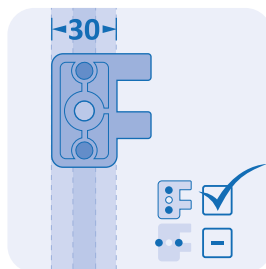
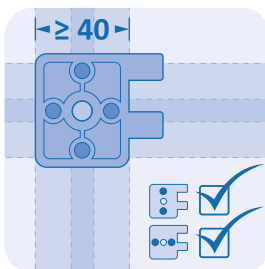
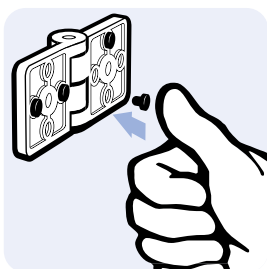
N	FAmx [N]	FRmax [N]	Weight [g]	Part #
8	100	200	34.0	<a href="#">095020D</a>

**HEAVY-DUTY PLASTIC HINGE 30, BLACK**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles; each side has two holes for centering bolts
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel Assembly set: Steel
<b>SURFACE</b>	Bolt: Plain Assembly set: Zinc plated
<b>COLOR</b>	Wings: Black
<b>ASSEMBLY SET 1</b>	2 screws DIN 7991 - M6 x 16, 2 hammer nuts slot 8 - M6
<b>ASSEMBLY SET 2</b>	1 screw DIN 7991 - M6 x 16, 1 hammer nut slot 8 - M6, 1 screw DIN 7991 - M6 x 18, 1 hammer nut slot 10 - M6
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



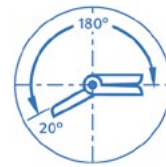
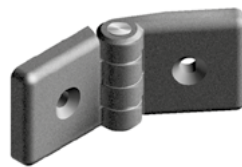
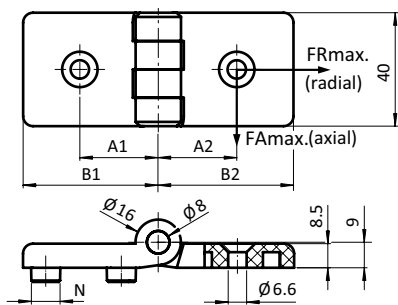
Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
	30 / 30	17.5	17.5	30.0	30.0		150.0	280.0	36.0	<a href="#">095KS3030F00</a>
	30 / 30	17.5	17.5	30.0	30.0	8	150.0	280.0	37.0	<a href="#">095KS3030F08</a>
	30 / 40	17.5	22.5	30.0	39.0		150.0	280.0	38.0	<a href="#">095KS3040F00</a>
	30 / 40	17.5	22.5	30.0	39.0	8	150.0	280.0	39.0	<a href="#">095KS3040F08</a>
	30 / 40	17.5	22.5	30.0	39.0	8 / 10	150.0	280.0	39.0	<a href="#">095KS3040F0810</a>
	30 / 45	17.5	25.0	30.0	45.0		150.0	280.0	39.0	<a href="#">095KS3045F00</a>
	30 / 45	17.5	25.0	30.0	45.0	8 / 10	150.0	280.0	40.0	<a href="#">095KS3045F0810</a>
	30 / 60	17.5	32.5	30.0	60.0		130.0	280.0	43.0	<a href="#">095KS3060F00</a>
	30 / 60	17.5	32.5	30.0	60.0	8 / 10	130.0	280.0	44.0	<a href="#">095KS3060F0810</a>
With assembly set 1	30 / 30	17.5	17.5	30.0	30.0	8	150.0	280.0	42.0	<a href="#">095KS3030F08S02</a>
With assembly set 2	30 / 40	17.5	22.5	30.0	39.0	8 / 10	150.0	280.0	44.0	<a href="#">095KS3040F0810S01</a>
	30 / 45	17.5	25.0	30.0	45.0	8 / 10	150.0	280.0	45.0	<a href="#">095KS3045F0810S02</a>
	30 / 60	17.5	32.5	30.0	60.0	8 / 10	130.0	280.0	49.0	<a href="#">095KS3060F0810S01</a>



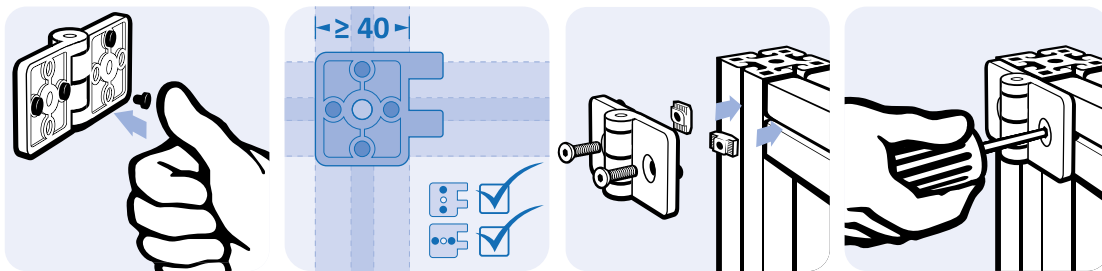
**HEAVY-DUTY PLASTIC HINGE 40, BLACK**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles; each side has two holes for centering bolts
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel Assembly set: Steel
<b>SURFACE</b>	Bolt: Plain Assembly set: Zinc plated
<b>COLOR</b>	Wings: Black
<b>ASSEMBLY SET</b>	2 screws DIN 7991 - M6 x 18, 2 hammer nuts slot 10 - M6
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

2

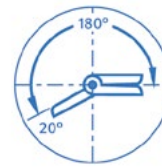
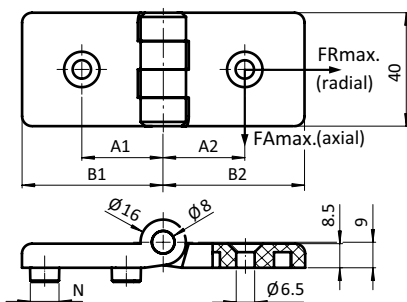


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	Fmax [N]	FRmax [N]	Weight [g]	Part #
	40 / 40	22.5	22.5	39.0	39.0		150.0	280.0	40.0	095KS4040F00
	40 / 40	22.5	22.5	39.0	39.0	8	150.0	280.0	42.0	095KS4040F08
	40 / 40	22.5	22.5	39.0	39.0	8 / 10	150.0	280.0	43.0	095KS4040F0810
	40 / 40	22.5	22.5	39.0	39.0	10	150.0	280.0	45.0	095KS4040F10
	40 / 45	22.5	25.0	39.0	45.0		150.0	280.0	41.0	095KS4045F00
incl. assembly set	40 / 40	22.5	22.5	39.0	39.0	10	150.0	280.0	50.0	095KS4040F10S01

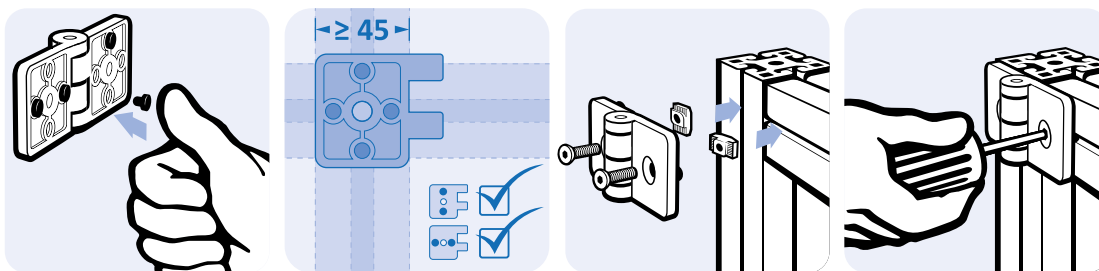


**HEAVY-DUTY PLASTIC HINGE 45**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles; each side has two holes for centering bolts
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel Assembly set: Steel
<b>SURFACE</b>	Bolt: Plain Assembly set: Zinc plated
<b>COLOR</b>	Wings: Black
<b>ASSEMBLY SET</b>	2 screws DIN 7991 - M6 x 18, 2 hammer nuts slot 10 - M6
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

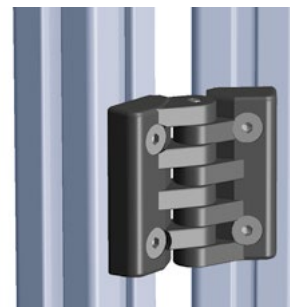
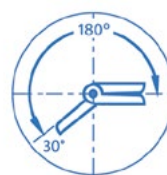
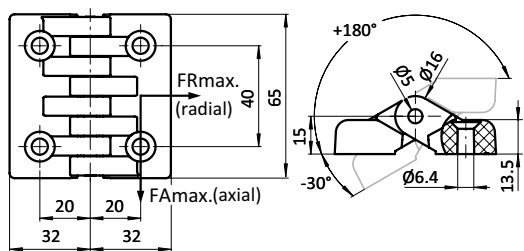


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
	45 / 45	25.0	25.0	45.0	45.0		150.0	280.0	44.0	<a href="#">095KS4545F00</a>
	45 / 45	25.0	25.0	45.0	45.0	10	150.0	280.0	46.0	<a href="#">095KS4545F10</a>
	45 / 60	25.0	32.5	45.0	60.0	10	130.0	280.0	50.0	<a href="#">095KS4560F10</a>
incl. assembly set	45 / 45	25.0	25.0	45.0	45.0	10	150.0	280.0	51.0	<a href="#">095KS4545F10S03</a>
	45 / 60	25.0	32.5	45.0	60.0	10	130.0	280.0	55.0	<a href="#">095KS4560F10S01</a>



**HEAVY-DUTY PLASTIC HINGE 65 X 64**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Plastic PA, glass fiber reinforced Bolt: Stainless steel
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

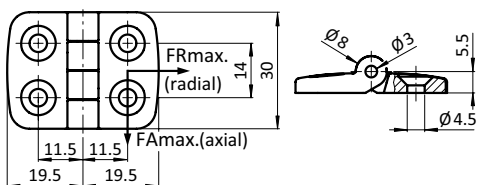


2

	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
	1520	2850	62.0	095065

**ALUMINUM DIE-CAST COMBI HINGE 20, NON-DETACHABLE, ALU COLOR**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Aluminum die-cast Pin: Stainless steel
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M4 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

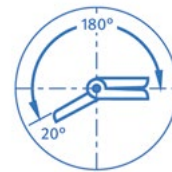
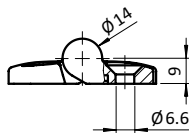
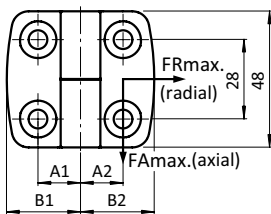


Version	Combination	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
Non-detachable	20 / 20	215	275	14.0	<b>095A2020F</b>

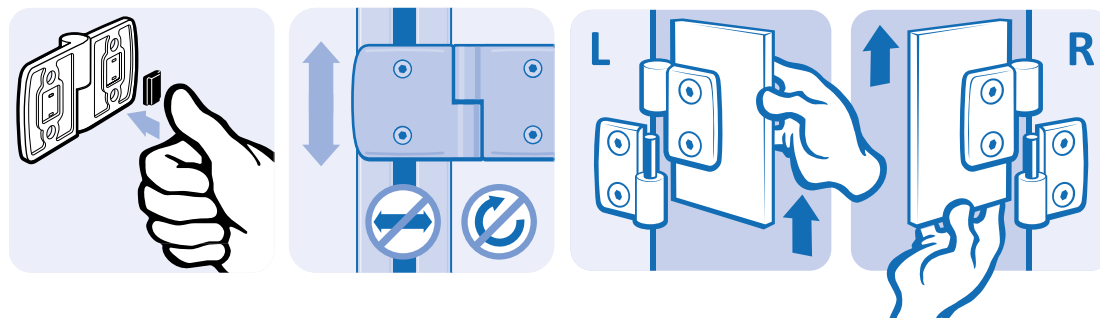
ALUMINUM DIE-CAST COMBI HINGE 25, DETACHABLE, ALU COLOR

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05

2

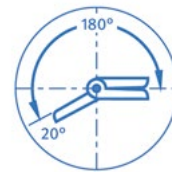
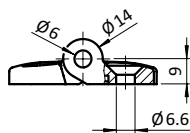
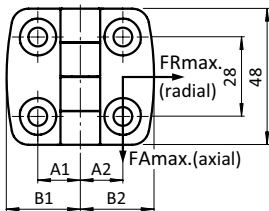


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
L: Left	25 / 25	15.0	15.0	26.0	26.0	250	410	56.0	<a href="#">095A2525L</a>
	25 / 30	15.0	17.5	26.0	29.5	280	450	60.0	<a href="#">095A2530L</a>
	25 / 35	15.0	20.0	26.0	36.0	250	500	64.0	<a href="#">095A2535L</a>
	25 / 40	15.0	22.5	26.0	38.5	200	550	62.0	<a href="#">095A2540L</a>
	25 / 45	15.0	25.0	26.0	43.5	200	550	64.0	<a href="#">095A2545L</a>
	25 / 50	15.0	27.5	26.0	48.5	175	575	67.0	<a href="#">095A2550L</a>
	25 / 60	15.0	32.5	26.0	57.5	150	575	72.0	<a href="#">095A2560L</a>
R: Right	25 / 25	15.0	15.0	26.0	26.0	250	410	56.0	<a href="#">095A2525R</a>
	25 / 30	17.5	15.0	29.5	26.0	280	450	60.0	<a href="#">095A2530R</a>
	25 / 35	20.0	15.0	36.0	26.0	250	500	64.0	<a href="#">095A2535R</a>
	25 / 40	22.5	15.0	38.5	26.0	200	550	62.0	<a href="#">095A2540R</a>
	25 / 45	25.0	15.0	43.5	26.0	200	550	64.0	<a href="#">095A2545R</a>
	25 / 50	27.5	15.0	48.5	26.0	175	575	67.0	<a href="#">095A2550R</a>
	25 / 60	32.5	15.0	57.5	26.0	150	575	72.0	<a href="#">095A2560R</a>

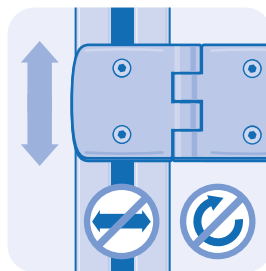


**ALUMINUM DIE-CAST COMBI HINGE 25, NON-DETACHABLE, ALU COLOR**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05



Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FAmax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	25 / 25	15.0	15.0	26.0	26.0	215	275	57.0	<a href="#">095A2525F</a>
	25 / 30	15.0	17.5	26.0	29.5	225	325	61.0	<a href="#">095A2530F</a>
	25 / 35	15.0	20.0	26.0	36.0	225	325	65.0	<a href="#">095A2535F</a>
	25 / 40	15.0	22.5	26.0	38.5	250	400	63.0	<a href="#">095A2540F</a>
	25 / 45	15.0	25.0	26.0	43.5	250	400	65.0	<a href="#">095A2545F</a>
	25 / 50	15.0	27.5	26.0	48.5	250	400	68.0	<a href="#">095A2550F</a>
	25 / 60	15.0	32.5	26.0	57.5	100	400	73.0	<a href="#">095A2560F</a>

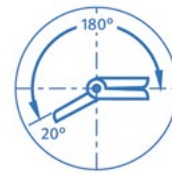
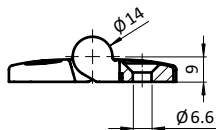
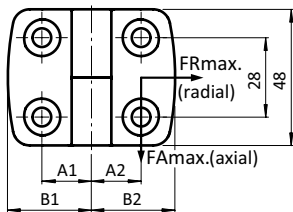




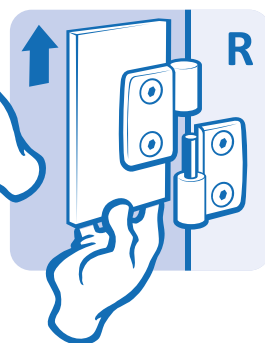
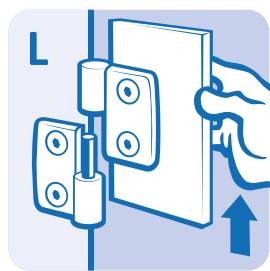
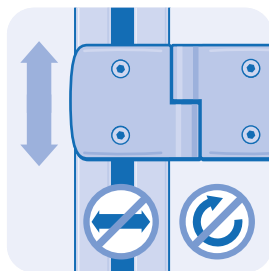
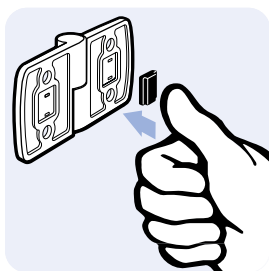
ALUMINUM DIE-CAST COMBI HINGE 30, DETACHABLE, ALU COLOR

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05

2

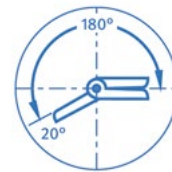
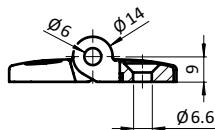
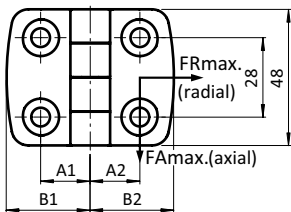


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FAmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	30 / 30	17.5	17.5	29.5	29.5	280	450	64.0	095A3030L
	30 / 25	17.5	15.0	29.5	26.0	250	410	60.0	095A3025L
	30 / 35	17.5	20.0	29.5	36.0	250	500	68.0	095A3035L
	30 / 40	17.5	22.5	29.5	38.5	200	550	66.0	095A3040L
	30 / 45	17.5	25.0	29.5	43.5	200	550	68.0	095A3045L
	30 / 50	17.5	27.5	29.5	48.5	175	575	71.0	095A3050L
	30 / 60	17.5	32.5	29.5	57.5	150	575	76.0	095A3060L
R: Right	30 / 30	17.5	17.5	29.5	29.5	280	450	64.0	095A3030R
	30 / 25	15.0	17.5	26.0	29.5	250	410	60.0	095A3025R
	30 / 35	20.0	17.5	36.0	29.5	250	500	68.0	095A3035R
	30 / 40	22.5	17.5	38.5	29.5	200	550	66.0	095A3040R
	30 / 45	25.0	17.5	43.5	29.5	200	550	68.0	095A3045R
	30 / 50	27.5	17.5	48.5	29.5	175	575	71.0	095A3050R
	30 / 60	32.5	17.5	57.5	29.5	150	575	76.0	095A3060R

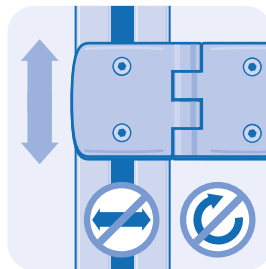


**ALUMINUM DIE-CAST COMBI HINGE 30, NON-DETACHABLE, ALU COLOR**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05



Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FAmax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	30 / 30	17.5	17.5	29.5	29.5	225	325	65.0	<a href="#">095A3030F</a>
	30 / 35	17.5	20.0	29.5	36.0	225	325	69.0	<a href="#">095A3035F</a>
	30 / 40	17.5	22.5	29.5	38.5	250	400	67.0	<a href="#">095A3040F</a>
	30 / 45	17.5	25.0	29.5	43.5	250	400	69.0	<a href="#">095A3045F</a>
	30 / 50	17.5	27.5	29.5	48.5	250	400	72.0	<a href="#">095A3050F</a>
	30 / 60	17.5	32.5	29.5	57.5	100	400	77.0	<a href="#">095A3060F</a>



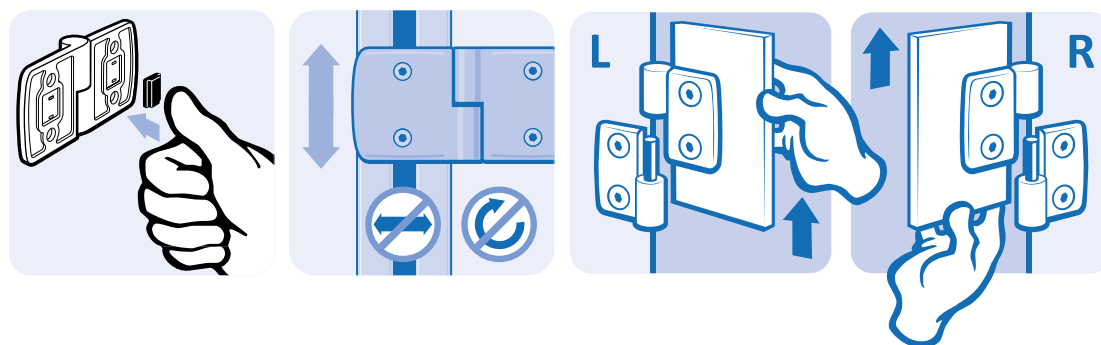
**ALUMINUM DIE-CAST COMBI HINGE 35, DETACHABLE, ALU COLOR**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05

2

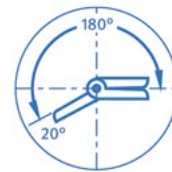
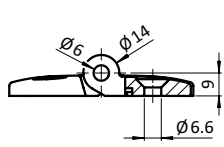
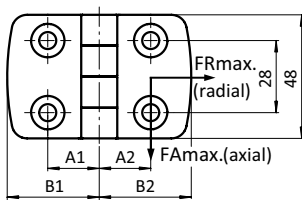


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FMax [N]	FRmax [N]	Weight [g]	Part #
L: Left	35 / 35	20.0	20.0	36.0	36.0	250	500	72.0	<a href="#">095A3535L</a>
	35 / 25	20.0	15.0	36.0	26.0	250	410	64.0	<a href="#">095A3525L</a>
	35 / 30	20.0	17.5	36.0	29.5	280	450	68.0	<a href="#">095A3530L</a>
	35 / 40	20.0	22.5	36.0	38.5	200	550	70.0	<a href="#">095A3540L</a>
	35 / 45	20.0	25.0	36.0	43.5	200	550	72.0	<a href="#">095A3545L</a>
	35 / 50	20.0	27.5	36.0	48.5	175	575	75.0	<a href="#">095A3550L</a>
	35 / 60	20.0	32.5	36.0	57.5	150	575	80.0	<a href="#">095A3560L</a>
R: Right	35 / 35	20.0	20.0	36.0	36.0	250	500	72.0	<a href="#">095A3535R</a>
	35 / 25	15.0	20.0	26.0	36.0	250	410	64.0	<a href="#">095A3525R</a>
	35 / 30	17.5	20.0	29.5	36.0	280	450	68.0	<a href="#">095A3530R</a>
	35 / 40	22.5	20.0	38.5	36.0	200	550	70.0	<a href="#">095A3540R</a>
	35 / 45	25.0	20.0	43.5	36.0	200	550	72.0	<a href="#">095A3545R</a>
	35 / 50	27.5	20.0	48.5	36.0	175	575	75.0	<a href="#">095A3550R</a>
	35 / 60	32.5	20.0	57.5	36.0	150	575	80.0	<a href="#">095A3560R</a>

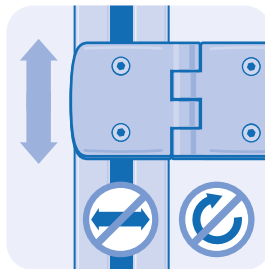


**ALUMINUM DIE-CAST COMBI HINGE 35, NON-DETACHABLE, ALU COLOR**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05

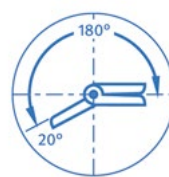
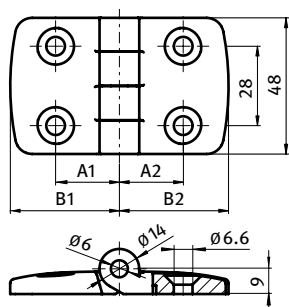


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FMax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	35 / 35	20.0	20.0	36.0	36.0	225	325	73.0	<a href="#">095A3535F</a>
	35 / 40	20.0	22.5	36.0	38.5	250	400	71.0	<a href="#">095A3540F</a>
	35 / 45	20.0	25.0	36.0	43.5	250	400	73.0	<a href="#">095A3545F</a>
	35 / 50	20.0	27.5	36.0	48.5	250	400	76.0	<a href="#">095A3550F</a>
	35 / 60	20.0	32.5	36.0	57.5	100	400	81.0	<a href="#">095A3560F</a>



**ALUMINUM DIE-CAST COMBI HINGE 38 - 1.5", NON-DETACHABLE, ALU COLOR**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Aluminum die-cast Pin: Stainless steel
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

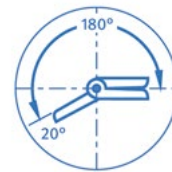
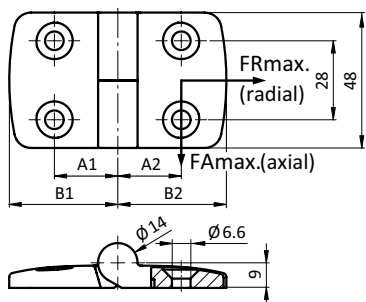


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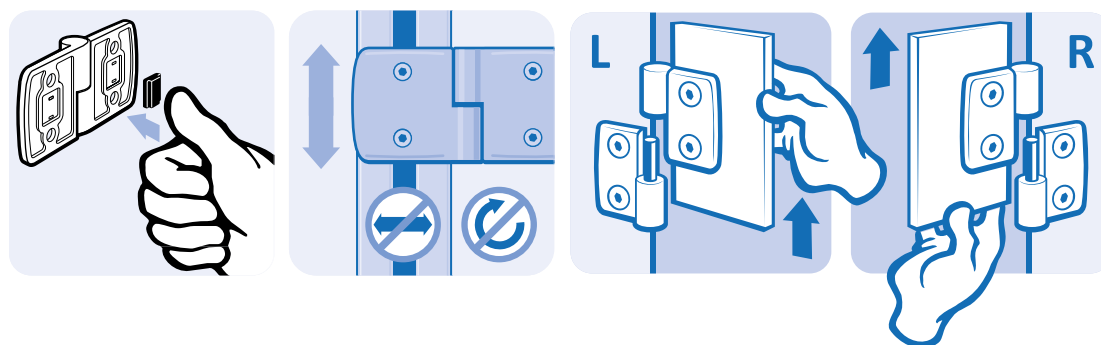
Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
38 - 1.5" / 38 - 1.5"	21.5	21.5	38.5	38.5	250	400	68.0	095A3838F

**ALUMINUM DIE-CAST COMBI HINGE 40, DETACHABLE, ALU COLOR**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05

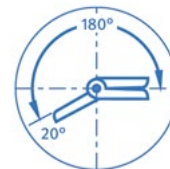
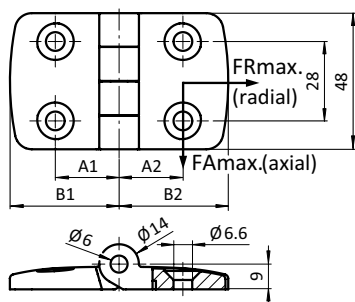


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FAmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	40 / 40	22.5	22.5	38.5	38.5	200	550	68.0	<a href="#">095A4040L</a>
	40 / 25	22.5	15.0	38.5	26.0	250	410	62.0	<a href="#">095A4025L</a>
	40 / 30	22.5	17.5	38.5	29.5	280	450	66.0	<a href="#">095A4030L</a>
	40 / 35	22.5	20.0	38.5	36.0	250	500	70.0	<a href="#">095A4035L</a>
	40 / 45	22.5	25.0	38.5	43.5	200	550	70.0	<a href="#">095A4045L</a>
	40 / 50	22.5	27.5	38.5	48.5	175	575	73.0	<a href="#">095A4050L</a>
	40 / 60	22.5	32.5	38.5	57.5	150	575	78.0	<a href="#">095A4060L</a>
R: Right	40 / 40	22.5	22.5	38.5	38.5	200	550	68.0	<a href="#">095A4040R</a>
	40 / 25	15.0	22.5	26.0	38.5	250	410	62.0	<a href="#">095A4025R</a>
	40 / 30	17.5	22.5	29.5	38.5	280	450	66.0	<a href="#">095A4030R</a>
	40 / 35	20.0	22.5	36.0	38.5	250	500	70.0	<a href="#">095A4035R</a>
	40 / 45	25.0	22.5	43.5	38.5	200	550	70.0	<a href="#">095A4045R</a>
	40 / 50	27.5	22.5	48.5	38.5	175	575	73.0	<a href="#">095A4050R</a>
	40 / 60	32.5	22.5	57.5	38.5	150	575	78.0	<a href="#">095A4060R</a>

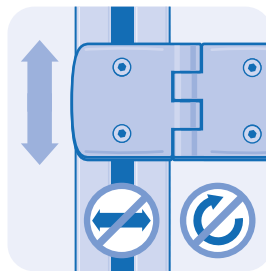


**ALUMINUM DIE-CAST COMBI HINGE 40, NON-DETACHABLE, ALU COLOR**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05

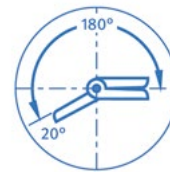
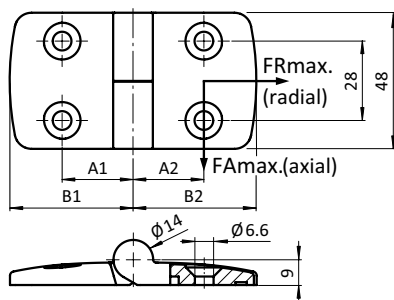


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FAmax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	40 / 40	22.5	22.5	38.5	38.5	250	400	69.0	095A4040F
	40 / 45	22.5	25.0	38.5	43.5	250	400	71.0	095A4045F
	40 / 50	22.5	27.5	38.5	48.5	250	400	74.0	095A4050F
	40 / 60	22.5	32.5	38.5	57.5	100	400	79.0	095A4060F

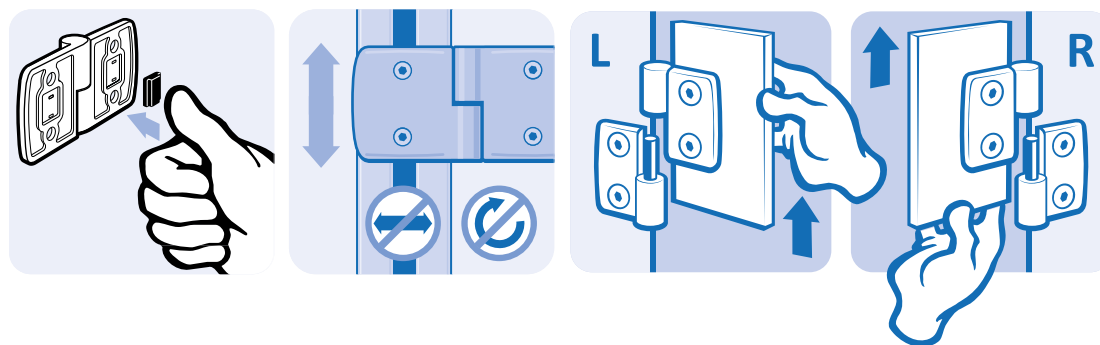


**ALUMINUM DIE-CAST COMBI HINGE 45, DETACHABLE, ALU COLOR**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05



Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	F <sub>max</sub> [N]	FR <sub>max</sub> [N]	Weight [g]	Part #
L: Left	45 / 45	25.0	25.0	43.5	43.5	200	550	70.0	<a href="#">095A4545L</a>
	45 / 25	25.0	15.0	43.5	26.0	250	410	64.0	<a href="#">095A4525L</a>
	45 / 30	25.0	17.5	43.5	29.5	280	450	68.0	<a href="#">095A4530L</a>
	45 / 35	25.0	20.0	43.5	36.0	250	500	72.0	<a href="#">095A4535L</a>
	45 / 40	25.0	22.5	43.5	38.5	200	550	70.0	<a href="#">095A4540L</a>
	45 / 50	25.0	27.5	43.5	48.5	175	575	75.0	<a href="#">095A4550L</a>
	45 / 60	25.0	32.5	43.5	57.5	150	575	80.0	<a href="#">095A4560L</a>
R: Right	45 / 45	25.0	25.0	43.5	43.5	200	550	70.0	<a href="#">095A4545R</a>
	45 / 25	15.0	25.0	26.0	43.5	250	410	64.0	<a href="#">095A4525R</a>
	45 / 30	17.5	25.0	29.5	43.5	280	450	68.0	<a href="#">095A4530R</a>
	45 / 35	20.0	25.0	36.0	43.5	250	500	72.0	<a href="#">095A4535R</a>
	45 / 40	22.5	25.0	38.5	43.5	200	550	70.0	<a href="#">095A4540R</a>
	45 / 50	27.5	25.0	48.5	43.5	175	575	75.0	<a href="#">095A4550R</a>
	45 / 60	32.5	25.0	57.5	43.5	150	575	80.0	<a href="#">095A4560R</a>

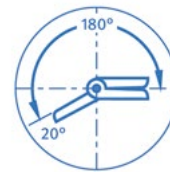
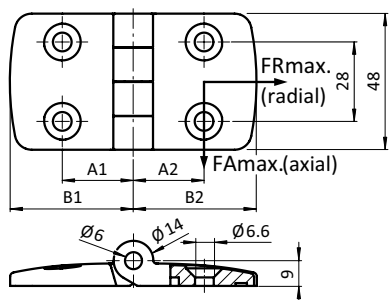




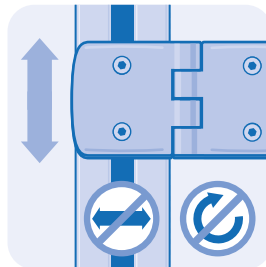
**ALUMINUM DIE-CAST COMBI HINGE 45, NON-DETACHABLE, ALU COLOR**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05

2

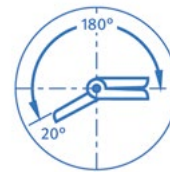
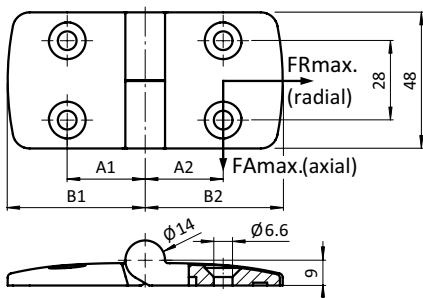


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	Fmax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	45 / 45	25.0	25.0	43.5	43.5	250	400	73.0	095A4545F
	45 / 50	25.0	27.5	43.5	48.5	250	400	76.0	095A4550F
	45 / 60	25.0	32.5	43.5	57.5	100	400	81.0	095A4560F

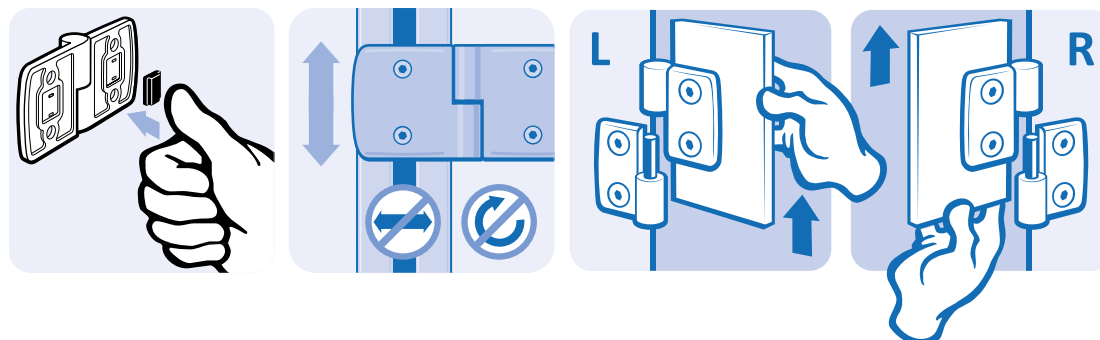


**ALUMINUM DIE-CAST COMBI HINGE 50, DETACHABLE, ALU COLOR**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05



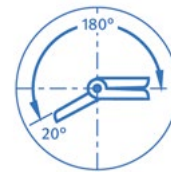
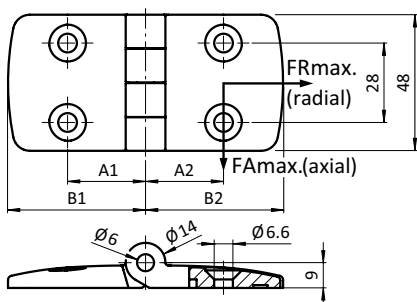
Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FAmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	50 / 50	27.5	27.5	48.5	48.5	175	550	78.0	<a href="#">095A5050L</a>
	50 / 25	27.5	15.0	48.5	26.0	250	410	67.0	<a href="#">095A5025L</a>
	50 / 30	27.5	17.5	48.5	29.5	280	450	71.0	<a href="#">095A5030L</a>
	50 / 35	27.5	20.0	48.5	36.0	250	500	75.0	<a href="#">095A5035L</a>
	50 / 40	27.5	22.5	48.5	38.5	200	550	73.0	<a href="#">095A5040L</a>
	50 / 45	27.5	25.0	48.5	43.5	200	550	75.0	<a href="#">095A5045L</a>
	50 / 60	27.5	32.5	48.5	57.5	150	550	83.0	<a href="#">095A5060L</a>
R: Right	50 / 50	27.5	27.5	48.5	48.5	175	500	78.0	<a href="#">095A5050R</a>
	50 / 25	15.0	27.5	26.0	48.5	250	410	67.0	<a href="#">095A5025R</a>
	50 / 30	17.5	27.5	29.5	48.5	250	410	71.0	<a href="#">095A5030R</a>
	50 / 35	20.0	27.5	36.0	48.5	250	500	75.0	<a href="#">095A5035R</a>
	50 / 40	22.5	27.5	38.5	48.5	200	550	73.0	<a href="#">095A5040R</a>
	50 / 45	25.0	27.5	43.5	48.5	200	550	75.0	<a href="#">095A5045R</a>
	50 / 60	32.5	27.5	57.5	48.5	150	550	83.0	<a href="#">095A5060R</a>



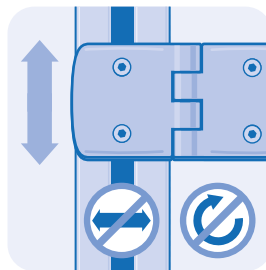
**ALUMINUM DIE-CAST COMBI HINGE 50, NON-DETACHABLE, ALU COLOR**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05

2

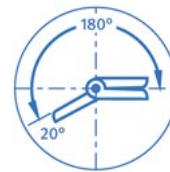
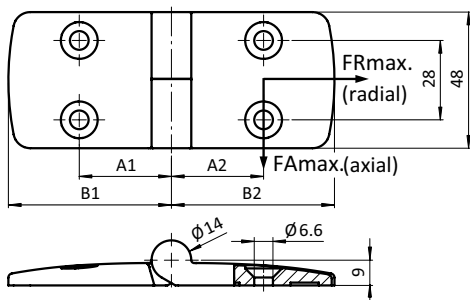


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FAmax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	50 / 50	27.5	27.5	48.5	48.5	250	400	79.0	095A5050F
	50 / 60	27.5	32.5	48.5	57.5	250	400	84.0	095A5060F

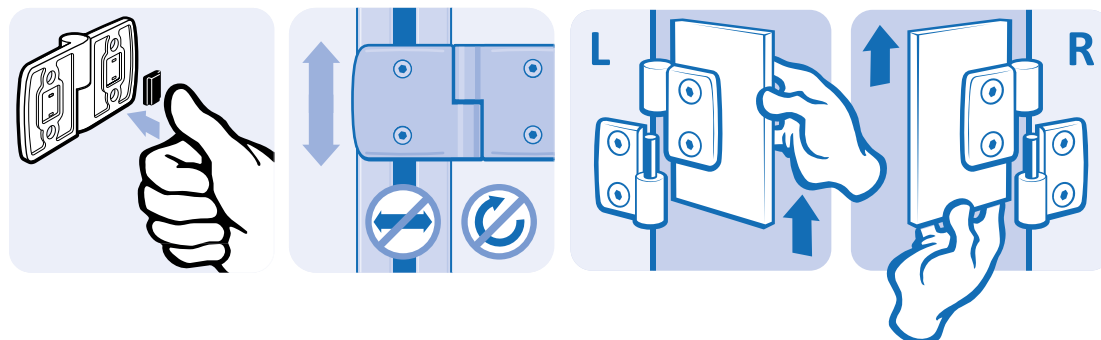


**ALUMINUM DIE-CAST COMBI HINGE 60, DETACHABLE, ALU COLOR**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05



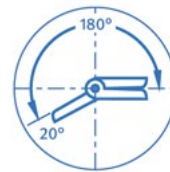
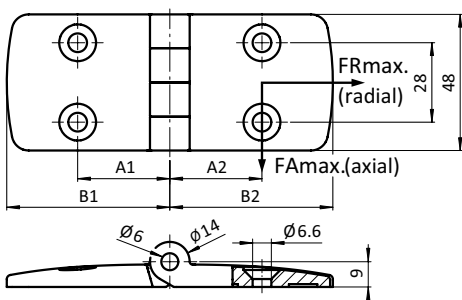
Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	Fmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	60 / 60	32.5	32.5	57.5	57.5	150	575	88.0	<a href="#">095A6060L</a>
	60 / 25	32.5	15.0	57.5	26.0	250	410	72.0	<a href="#">095A6025L</a>
	60 / 30	32.5	17.5	57.5	29.5	280	450	76.0	<a href="#">095A6030L</a>
	60 / 35	32.5	20.0	57.5	36.0	250	500	80.0	<a href="#">095A6035L</a>
	60 / 40	32.5	22.5	57.5	38.5	200	550	78.0	<a href="#">095A6040L</a>
	60 / 45	32.5	25.0	57.5	43.5	200	550	80.0	<a href="#">095A6045L</a>
	60 / 50	32.5	27.5	57.5	48.5	175	575	83.0	<a href="#">095A6050L</a>
R: Right	60 / 60	32.5	32.5	57.5	57.5	150	575	88.0	<a href="#">095A6060R</a>
	60 / 25	15.0	32.5	26.0	57.5	250	410	72.0	<a href="#">095A6025R</a>
	60 / 30	17.5	32.5	29.5	57.5	280	450	76.0	<a href="#">095A6030R</a>
	60 / 35	20.0	32.5	36.0	57.5	250	500	80.0	<a href="#">095A6035R</a>
	60 / 40	22.5	32.5	38.5	57.5	200	550	78.0	<a href="#">095A6040R</a>
	60 / 45	25.0	32.5	43.5	57.5	200	550	80.0	<a href="#">095A6045R</a>
	60 / 50	27.5	32.5	48.5	57.5	175	575	83.0	<a href="#">095A6050R</a>



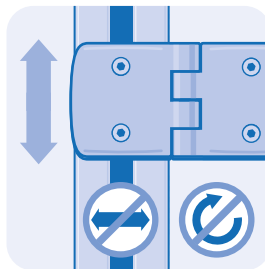
**ALUMINUM DIE-CAST COMBI HINGE 60, NON-DETACHABLE, ALU COLOR**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles, each wing with a hole for centering bolts, with bearing system for pin
<b>MATERIAL</b>	Wings: Die-cast aluminum Pin: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wings: Powder coated Pin: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Central Bolts see 095AN05

2

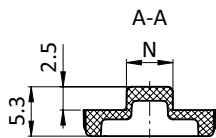
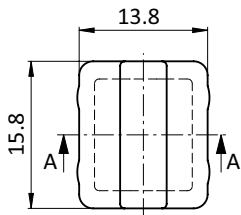


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	Fmax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	60 / 60	32.5	32.5	57.5	57.5	100	400	89.0	095A6060F

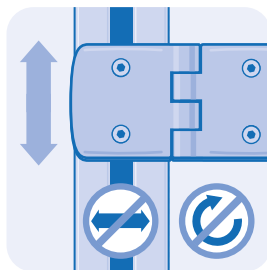


**CENTERING BOLT FOR ALUMINUM DIE-CAST COMBI HINGE**

<b>MODEL</b>	Slot 5 - slot 14
<b>DESCRIPTION</b>	For aluminum die-cast combi hinges, each wing with a hole for centering bolts
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Aluminum Die-cast Combi Hinge see 095A2525L et sq.

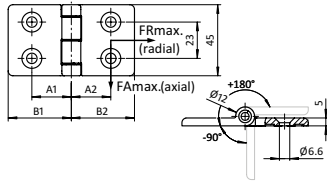


	N	Weight [g]	Part #
	5	1.0	095AN05
	6	1.0	095AN06
	8	1.0	095AN08
	10	1.0	095AN10
	12	1.0	095AN12
	14	1.0	095AN14



ALUMINUM DIE-CAST HINGE 45

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Aluminum die-cast Pin: Stainless steel
<b>SURFACE</b>	Nickel-plated
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



2

A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	Fmax [N]	Fmax [N]	Weight [g]	Part #
25.0	25.0	40.0	40.0	200	350	56.0	095047

**HEAVY-DUTY HINGE**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	For panels and aluminum profiles, with bearing system for bolt
<b>MATERIAL</b>	Wing: Aluminum die-cast Bolt: Stainless steel Bearings: PTFE
<b>SURFACE</b>	Wing: Laquered Bolt: Plain
<b>COLOR</b>	Wing: Alu color
<b>FASTENING</b>	From the front, using socket head screws DIN 7984 - M6 or pan-head screws ISO 7380 - M6
<b>PACK QUANTITY</b>	10 pieces

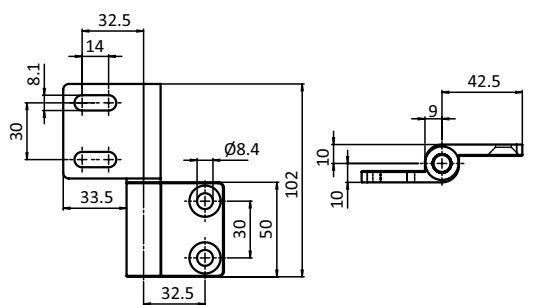


Combination	A [mm]	B [mm]	Weight [g]	Part #
30 / 30	35.0	58.0	137.3	095050
40 / 40	45.0	68.0	155.0	095051
45 / 45	50.0	78.0	169.5	095052

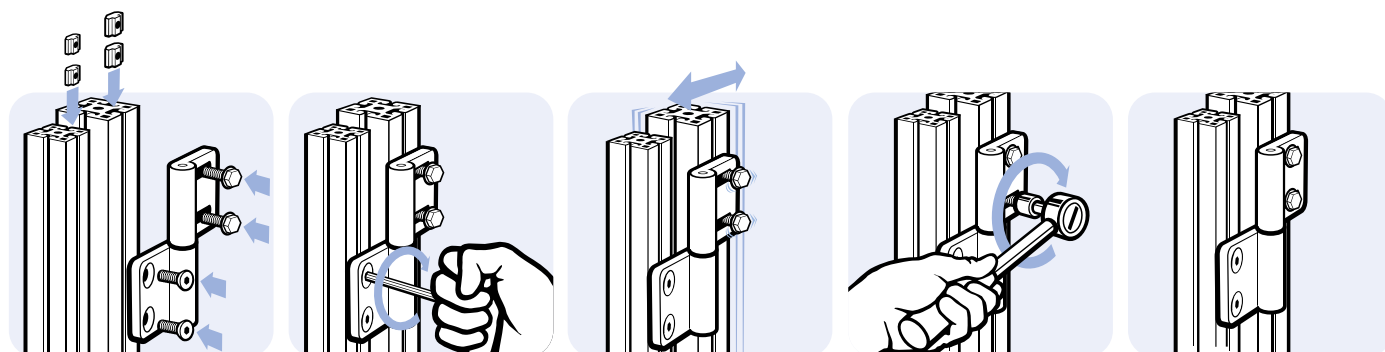


**HEAVY ALUMINUM HINGE (SET)**

<b>MODEL</b>	Detachable, adjustable
<b>DESCRIPTION</b>	Loadable detachable hinge; adjustable for the compensation of distance tolerances
<b>MATERIAL</b>	Wings: Aluminum die-cast Pin: Stainless steel
<b>SURFACE</b>	Anodized
<b>SET</b>	1 heavy aluminum hinge, 2 T-slot nuts, slot 10 - M8 – self-aligning, 2 hexagon screws DIN 6921 - M8 x 16, 2 countersunk screws DIN 7991 - M8 x 12, 2 T-slot nuts, slot 8 - M8 – self-aligning
<b>FASTENING</b>	From the front, using two hexagon and two countersunk screws M8
<b>PACK QUANTITY</b>	2 set



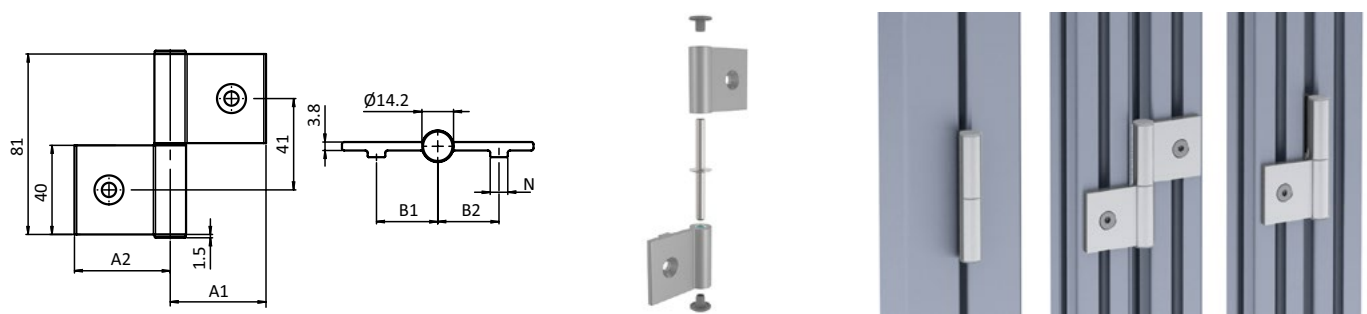
Weight [g]	Profile	Part #
262.7	B	095071



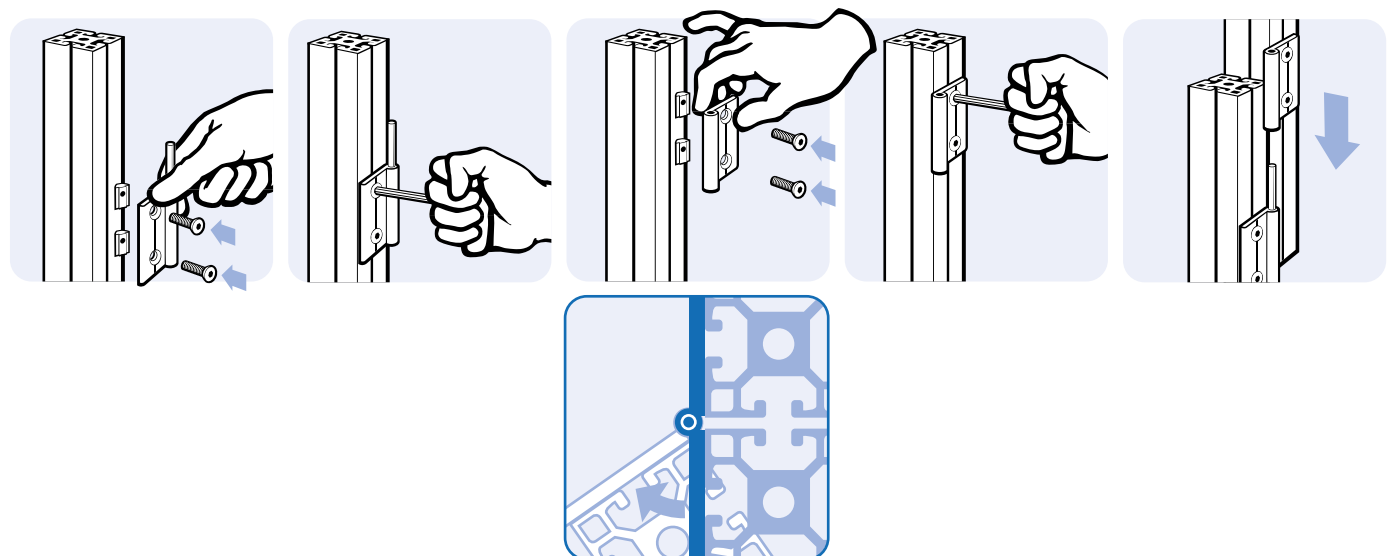
2

**ALUMINUM HINGE 40 LIGHT**

<b>MODEL</b>	Detachable, slot 8
<b>DESCRIPTION</b>	For panels and aluminum profiles; left or right side assembly
<b>MATERIAL</b>	Wings: Aluminum Bolt: Stainless steel Cover cap: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Wings: Anodized Bolt: Plain
<b>COLOR</b>	Cover cap: White aluminum ≈ RAL 9006
<b>ASSEMBLY SET</b>	2 countersunk screws DIN 7991 - M6 x 14, 2 self-aligning T-Slot nuts M6 - slot 8
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces / 10 set

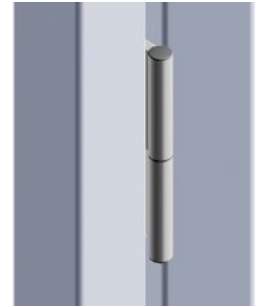
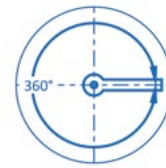
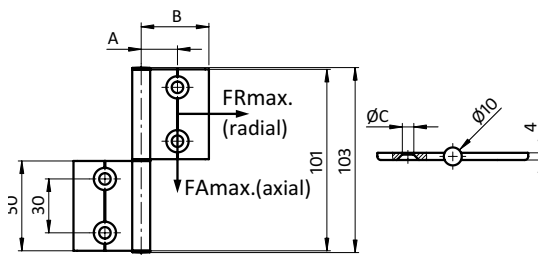


Version	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	N	Weight [g]	Profile	Part #
	43.0	43.0	27.5	27.5	8	84.0		<b>095AL40N0840N08</b>
incl. assembly set	43.0	43.0	27.5	27.5	8	106.0	I	<b>095AL40N0840N08S01</b>



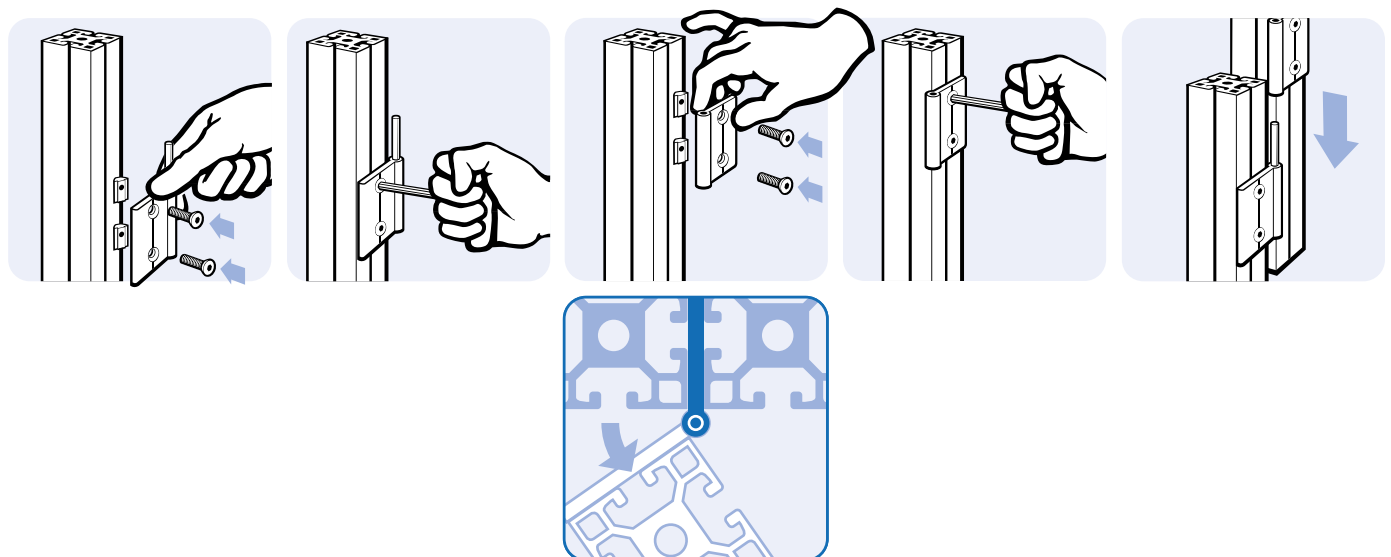
**CONCEALED HINGE COMPONENT**

<b>MODEL</b>	Aluminum, anodized
<b>DESCRIPTION</b>	For panels and aluminum profiles, for individual assembly of concealed hinges
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Axle for Hinge Component see 095AIR01 Compatible Cover Cap for Hinge Component see 095AIA



2

Version	A [mm]	B [mm]	C [mm]	FAmx [N]	FRmax [N]	Weight [g]	Part #
20	14.5	22.0	$\varnothing 5.3$	150	100	15.0	<a href="#">095AI20</a>
25	17.5	28.0	$\varnothing 6.4$	150	100	18.0	<a href="#">095AI25</a>
30	19.5	32.0	$\varnothing 6.4$	150	100	20.0	<a href="#">095AI30</a>
38	21.1	40.1	$\varnothing 6.4$	150	100	24.0	<a href="#">095AI38</a>
40	25.0	42.0	$\varnothing 6.4$	150	100	25.3	<a href="#">095AI40</a>
45	27.0	47.0	$\varnothing 6.4$	150	100	28.0	<a href="#">095AI45</a>
50	29.5	52.0	$\varnothing 6.4$	150	100	30.7	<a href="#">095AI50</a>
60	34.5	62.0	$\varnothing 6.4$	150	100	36.0	<a href="#">095AI60</a>
Bolt						12.0	<a href="#">095AIR01</a>
Cover cap						0.15	<a href="#">095AIA</a>

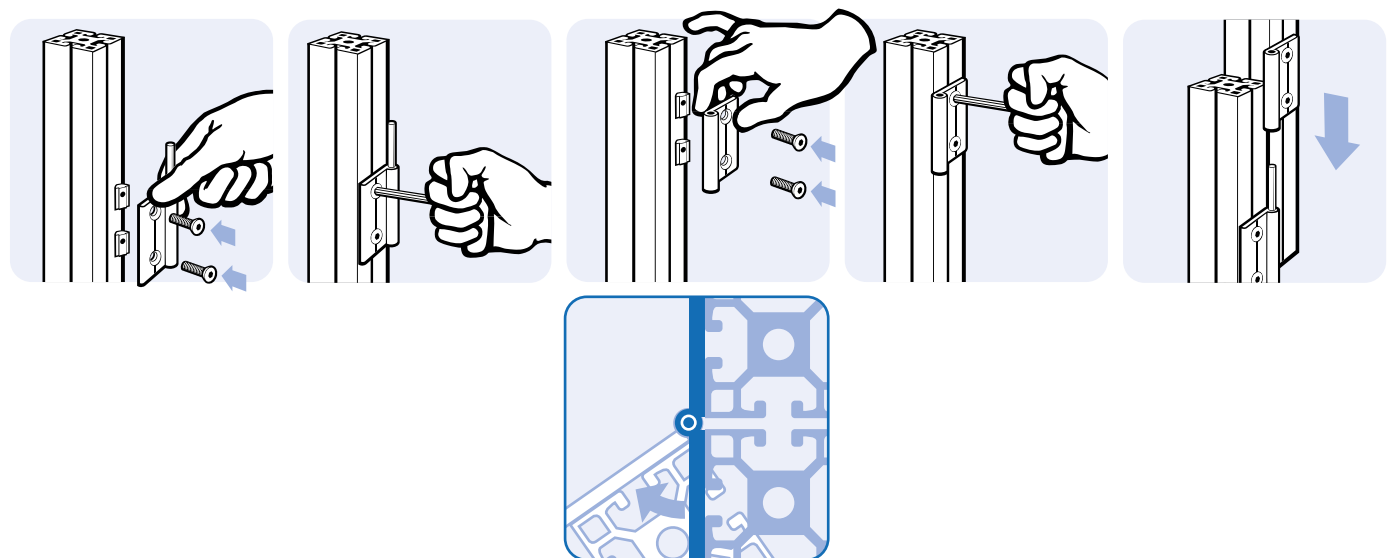


**EXTERNAL HINGE COMPONENT**

<b>MODEL</b>	Aluminum, anodized
<b>DESCRIPTION</b>	For panels and aluminum profiles, for individual assembly of semi-concealed hinges
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Axle for Hinge Component see 095AIR01 Compatible Cover Cap for Hinge Component see 095AIA

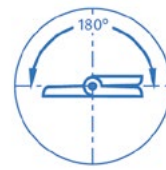
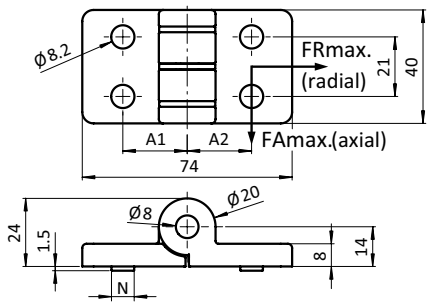


Version	A [mm]	B [mm]	C [mm]	FAmax [N]	FRmax [N]	Weight [g]	Part #
20	10.5	18.0	∅ 5.3	150	100	13.5	<a href="#">095AH20</a>
25	12.9	23.4	∅ 6.4	150	100	15.9	<a href="#">095AH25</a>
30	15.2	27.7	∅ 6.4	150	100	18.2	<a href="#">095AH30</a>
38	19.25	35.8	∅ 6.4	150	100	22.0	<a href="#">095AH38</a>
40	20.2	37.7	∅ 6.4	150	100	23.6	<a href="#">095AH40</a>
45	22.7	42.7	∅ 6.4	150	100	26.3	<a href="#">095AH45</a>
50	25.2	47.7	∅ 6.4	150	100	29.0	<a href="#">095AH50</a>
60	30.2	57.7	∅ 6.4	150	100	34.4	<a href="#">095AH60</a>
Bolt						12.0	<a href="#">095AIR01</a>
Cover cap						0.15	<a href="#">095AIA</a>



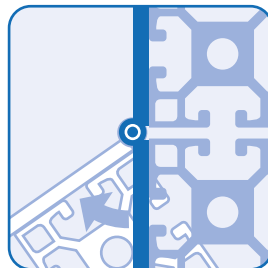
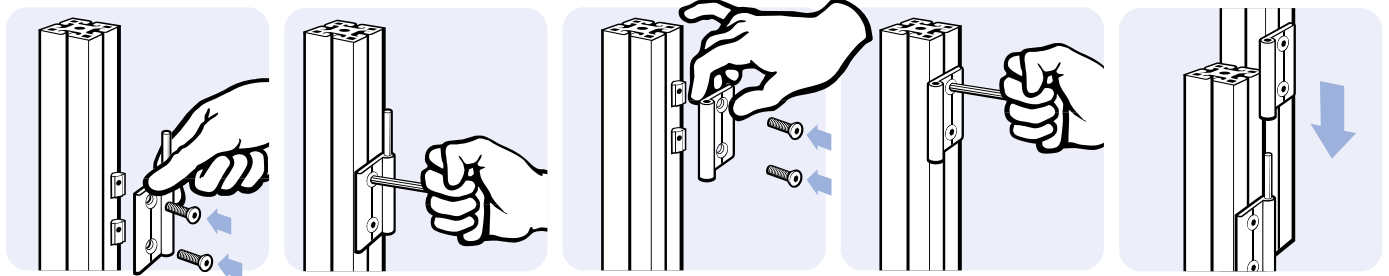
ZINC DIE-CAST HINGE

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M8 screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



2

Combination	A1 [mm]	A2 [mm]	N	FAmax [N]	FRmax [N]	Weight [g]	Part #
40 / 40	22.5	22.5		650	1500	189.0	<a href="#">095Z4040F00S</a>
	22.5	22.5	8	650	1500	189.0	<a href="#">095Z4040F08S</a>
	22.5	22.5	10	650	1500	189.0	<a href="#">095Z4040F10S</a>
45 / 45	25.0	25.0		650	1500	189.0	<a href="#">095Z4545F00S</a>
	25.0	25.0	8	650	1500	189.0	<a href="#">095Z4545F08S</a>
	25.0	25.0	10	650	1500	189.0	<a href="#">095Z4545F10S</a>

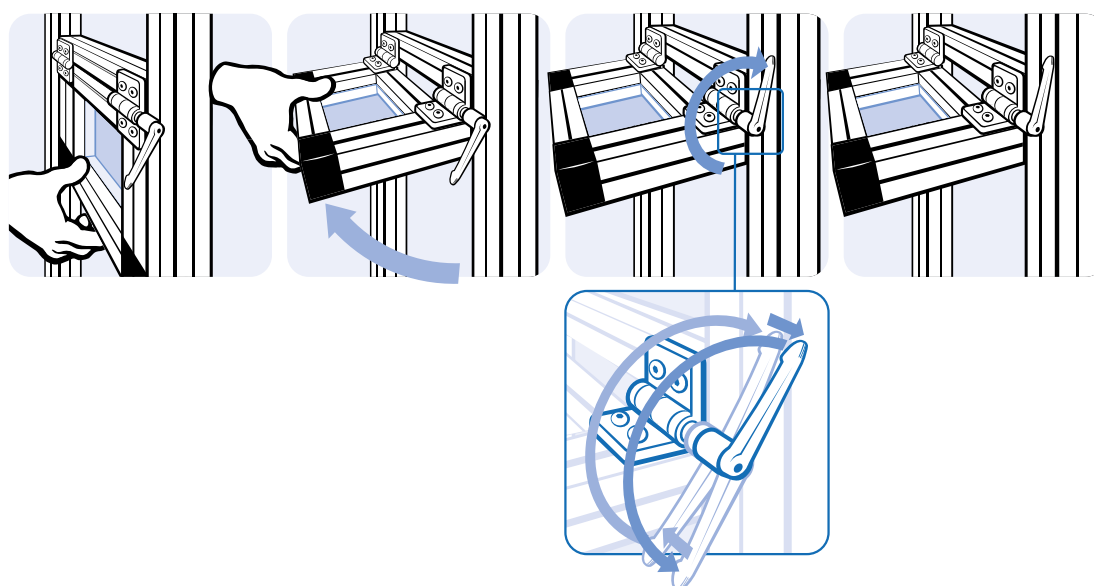


ZINC DIE-CAST HINGE WITH LOCKING LEVER

<b>MODEL</b>	Zinc die-cast, non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles; can be locked at any position
<b>MATERIAL</b>	Hinge: Zinc die-cast KIPP locking lever: Plastic PA Mechanism: Steel
<b>SURFACE</b>	Hinge: Powder coated Mechanism: Zinc plated (RoHS conform)
<b>COLOR</b>	Hinge: Black KIPP locking lever: Black
<b>FASTENING</b>	From the front, using M8 screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

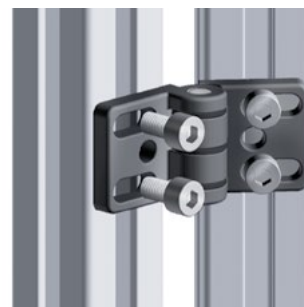
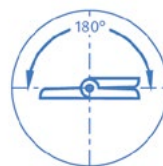
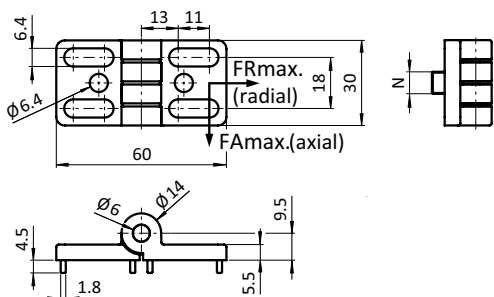


Combination	A1 [mm]	A2 [mm]	N	Fmax [N]	FRmax [N]	Weight [g]	Part #
40 / 40	22.5	22.5		650	1500	211.0	095ZF4040F00S
	22.5	22.5	8	650	1500	211.0	095ZF4040F08S
	22.5	22.5	10	650	1500	211.0	095ZF4040F10S
40 / 45	22.5	25.0		650	1500	211.0	095ZF4045F00S
45 / 45	25.0	25.0		650	1500	211.0	095ZF4545F00S
	25.0	25.0	8	650	1500	211.0	095ZF4545F08S
	25.0	25.0	10	650	1500	211.0	095ZF4545F10S



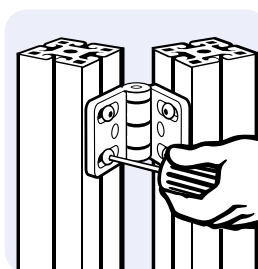
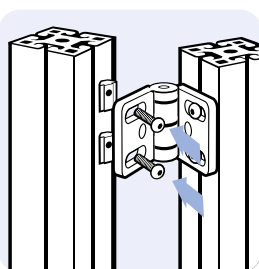
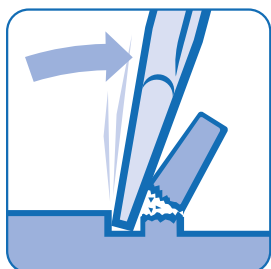
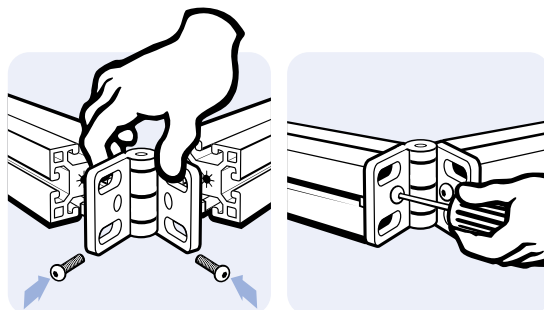
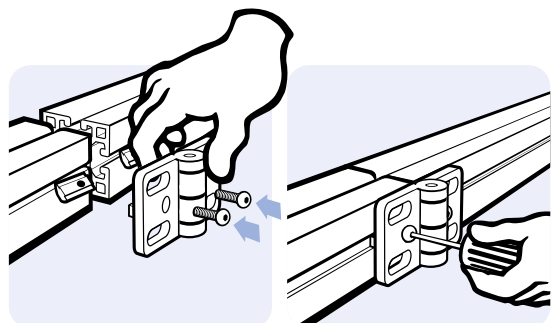
ZINC DIE-CAST HINGE 30 EH

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



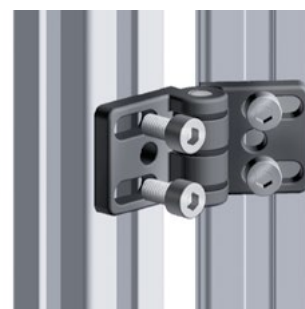
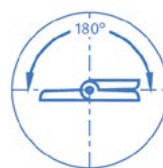
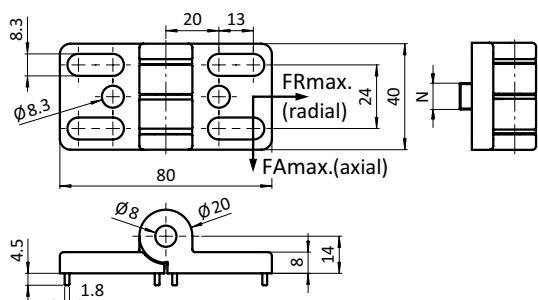
2

N	Fmax [N]	FRmax [N]	Weight [g]	Part #
	350	1000	68.4	095400
6	350	1000	68.6	095400N06
8	350	1000	68.8	095400N08
6 / 8	350	1000	68.7	095400N0608

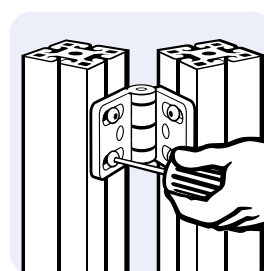
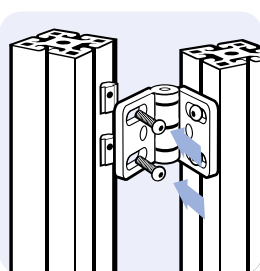
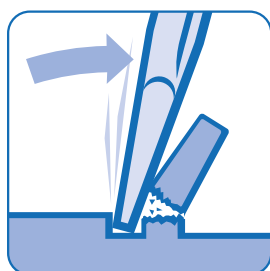
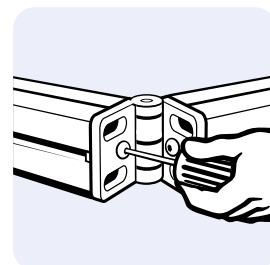
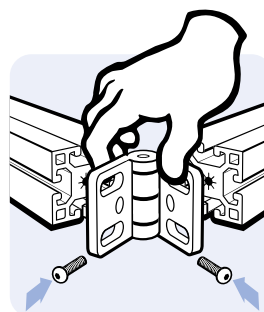
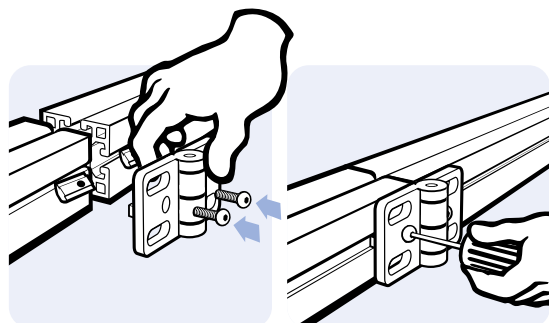


ZINC DIE-CAST HINGE 40 EH

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M8 screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



N	Fmax [N]	FRmax [N]	Weight [g]	Part #
	500	1200	175.0	<b>095300</b>
8	500	1200	175.0	<b>095300N8</b>
10	500	1200	175.0	<b>095300N10</b>



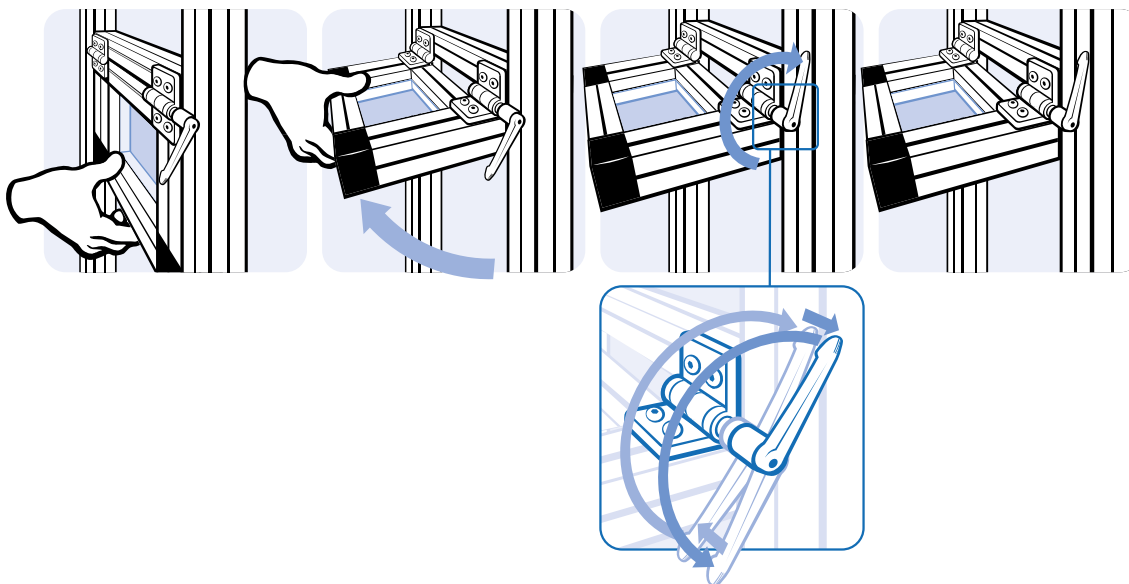


ZINC DIE-CAST HINGE 40 EH WITH LOCKING LEVER

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	For panels and aluminum profiles, can be locked in any position
<b>MATERIAL</b>	Wings: Zinc die-cast KIPP locking lever: Plastic PA, glass fiber reinforced Mechanism: Steel, black zinc plated (RoHS conform)
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M8 screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



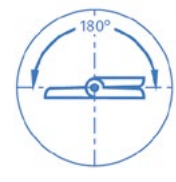
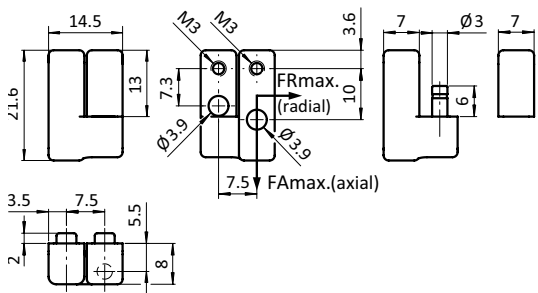
N	FAmx [N]	FRmax [N]	Weight [g]	Part #
	500	1200	197.0	<b>095300F</b>
8	500	1200	197.0	<b>095300FN08</b>
10	500	1200	197.0	<b>095300FN10</b>



2

**MINI HINGE**

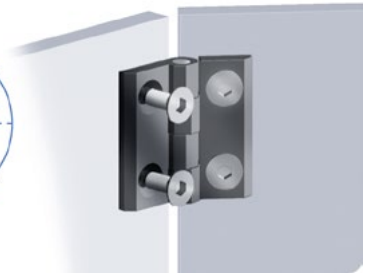
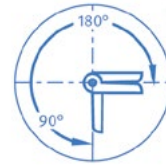
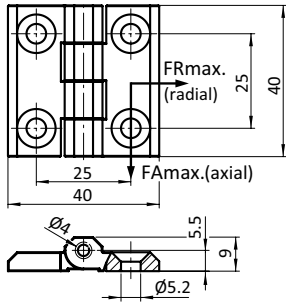
<b>MODEL</b>	Zinc die-cast, detachable
<b>DESCRIPTION</b>	Mini hinge for various applications, especially in limited space
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Laquered
<b>COLOR</b>	Black
<b>FASTENING</b>	From the back, using M3 screws
<b>PACK QUANTITY</b>	10 pieces



Version	FAmix [N]	FRmax [N]	Weight [g]	Part #
Left Hand, Lift off	100	100	12	<a href="#">095023L</a>
Right Hand, Lift off	100	100	12	<a href="#">095023R</a>

**METAL HINGE 40 X 40**

<b>MODEL</b>	Zinc die-cast, non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces

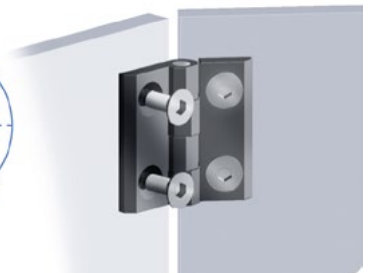
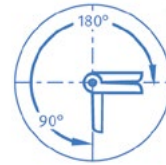
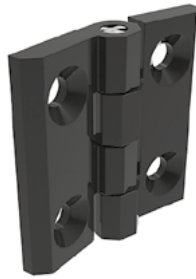
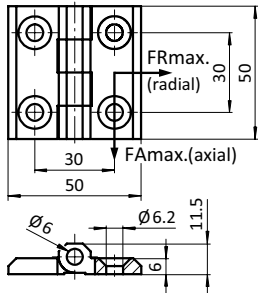


2

	FAmx [N]	FRmax [N]	Weight [g]	Part #
	800	1500	45.0	<b>095005</b>

**METAL HINGE 50 X 50**

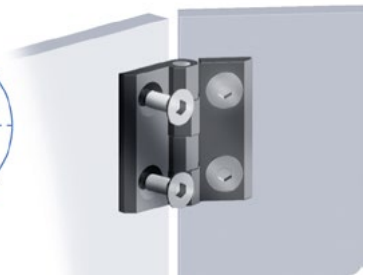
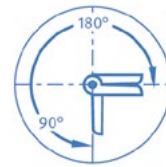
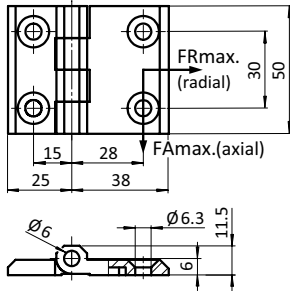
<b>MODEL</b>	Zinc die-cast, non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces



	FAmx [N]	FRmax [N]	Weight [g]	Part #
	1000	1800	90.0	<b>095006</b>

**METAL HINGE 50 X 63**

<b>MODEL</b>	Zinc die-cast, non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces

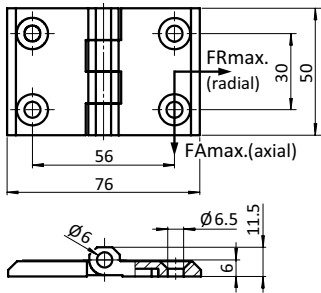


2

	FAmx [N]	FRmax [N]	Weight [g]	Part #
	1400	2200	106.0	095010

**METAL HINGE 50 X 76**

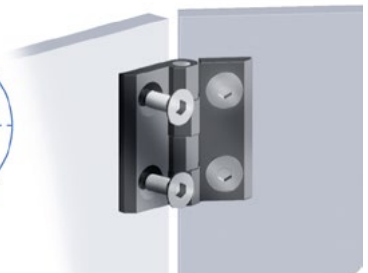
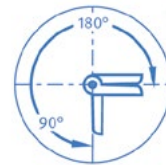
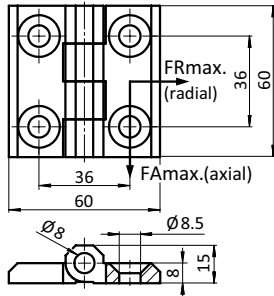
<b>MODEL</b>	Zinc die-cast, non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces



	FAmx [N]	FRmax [N]	Weight [g]	Part #
	600	1800	145.0	<b>095007</b>

**METAL HINGE 60 X 60**

<b>MODEL</b>	Zinc die-cast, non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces

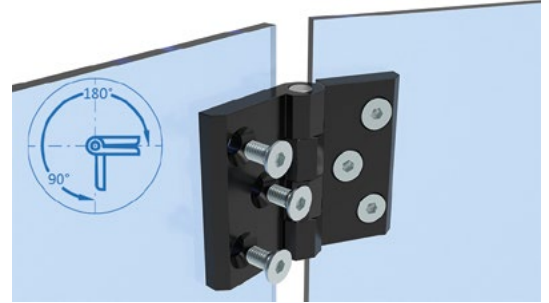
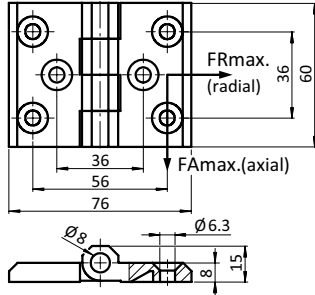


2

	FAmx [N]	FRmax [N]	Weight [g]	Part #
	1400	2200	168.0	<b>095009</b>

**METAL HINGE 60 X 76**

<b>MODEL</b>	Zinc die-cast, non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces

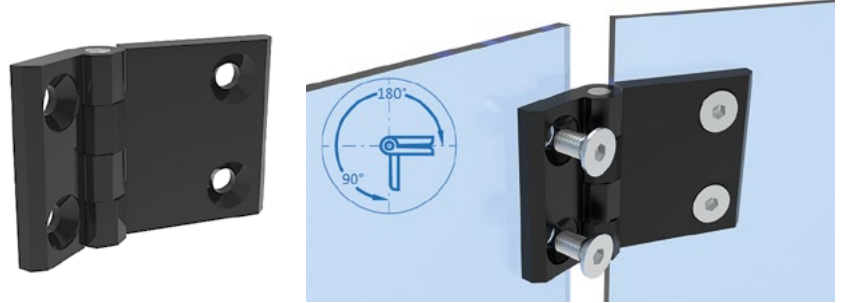
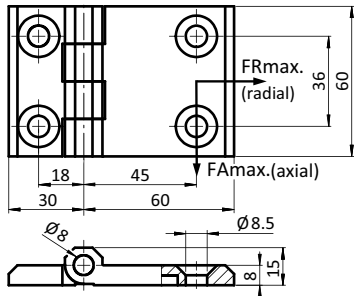


FAmax [N]	FRmax [N]	Weight [g]	Part #
1200	2200	197.0	<b>095008</b>



**METAL HINGE 60 X 90**

<b>MODEL</b>	Zinc die-cast, non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces

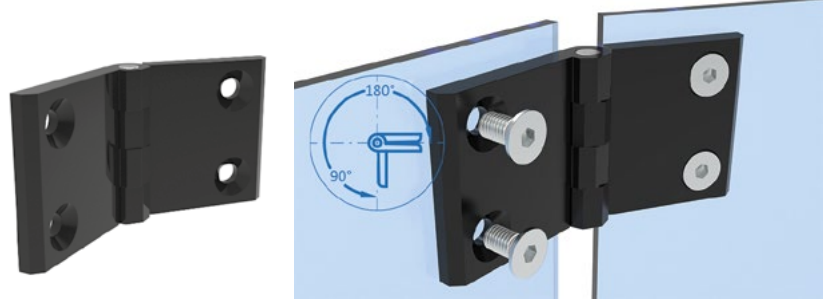
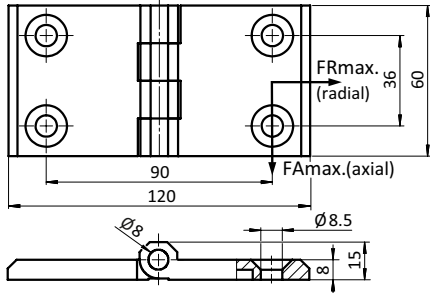


2

	FAmax [N]	FRmax [N]	Weight [g]	Part #
	800	2200	218.0	095027

**METAL HINGE 60 X 120**

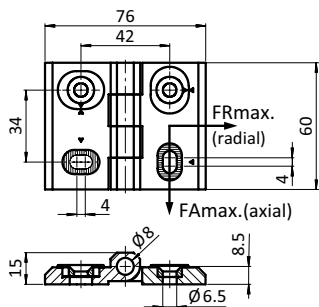
<b>MODEL</b>	Zinc die-cast, non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces



F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
700	2200	281.0	095028

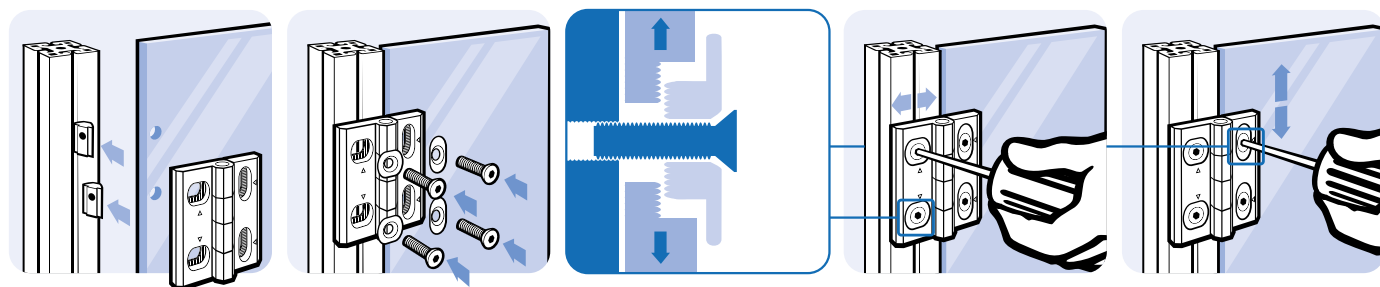
**METAL HINGE 2D, ADJUSTABLE IN TWO DIRECTIONS**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application, adjustable
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces



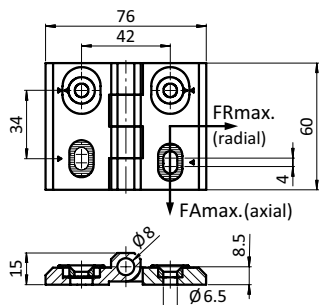
2

Version	FAmx [N]	FRmax [N]	Weight [g]	Part #
adjustable in two directions	1200	2200	190.0	095014

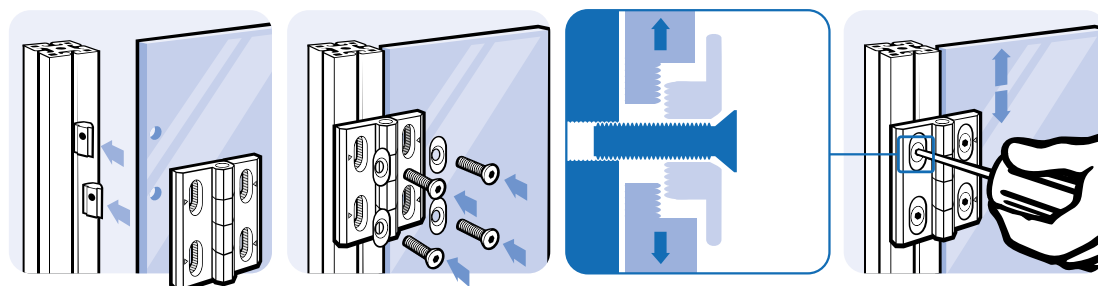


**METAL HINGE 2D, ONLY ADJUSTABLE VERTICALLY**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application, adjustable
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

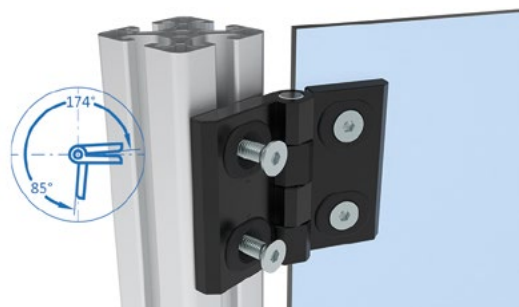
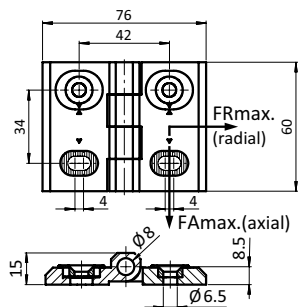


Version	FAmx [N]	FRmax [N]	Weight [g]	Part #
Only adjustable vertically	1200	2200	190.0	095015



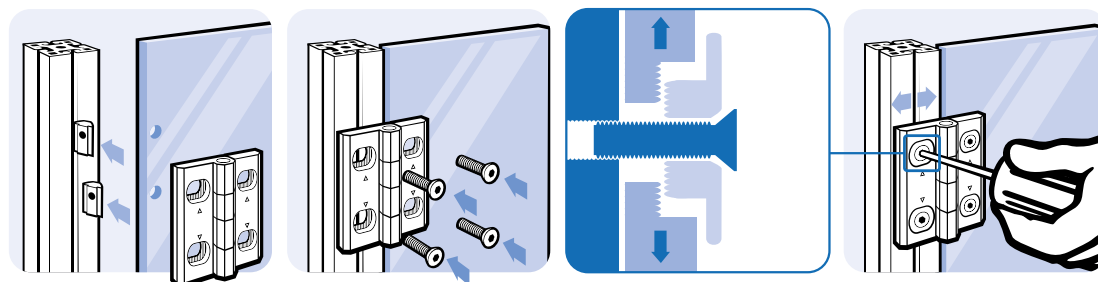
**METAL HINGE 2D, ONLY ADJUSTABLE HORIZONTALLY**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	Sturdy hinge for right and left hand application, adjustable
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces



2

Version	FAmx [N]	FRmax [N]	Weight [g]	Part #
Only adjustable horizontally	1200	2200	190.0	095016

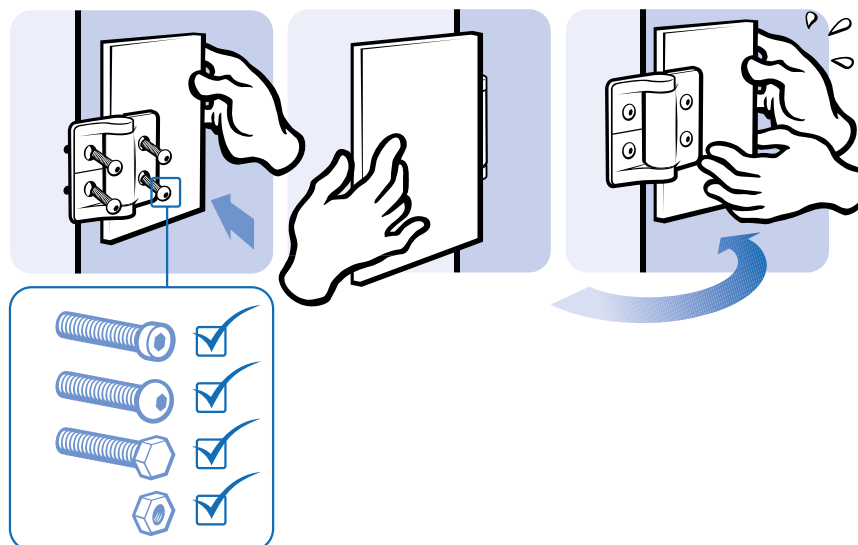


**METAL HINGE 40 X 38 WITH CONSTANT FRICTION**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	For panels and aluminum profiles; keeps doors open at any angle; also supports lightweight horizontal doors
<b>MATERIAL</b>	Wings: Zinc die-cast Pin: Steel, lubricating grease, o-ring
<b>SURFACE</b>	Urethane enamel
<b>COLOR</b>	Black
<b>FASTENING</b>	Using screws M4
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	* +/- 20% of the nominal value up to 20.000 cycles



Friction Torque* [Nm]	FMax [N]	FRmax [N]	Weight [g]	Part #
1.8	800	1500	40.0	095030



**METAL HINGE 58 X 51 WITH CONSTANT FRICTION**

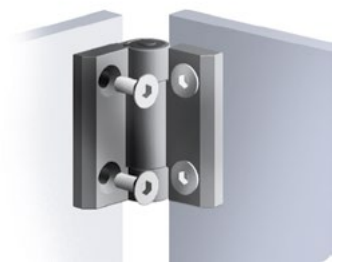
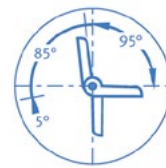
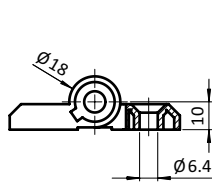
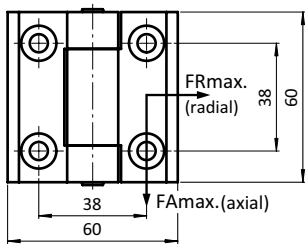
<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	For panels and aluminum profiles; keeps doors open at any angle; also supports lightweight horizontal doors
<b>MATERIAL</b>	Wings: Zinc die-cast Pin: Steel, lubricating grease, o-ring
<b>SURFACE</b>	Urethane enamel
<b>COLOR</b>	Black
<b>FASTENING</b>	Using M5 screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	* +/- 20% of the nominal value up to 20.000 cycles



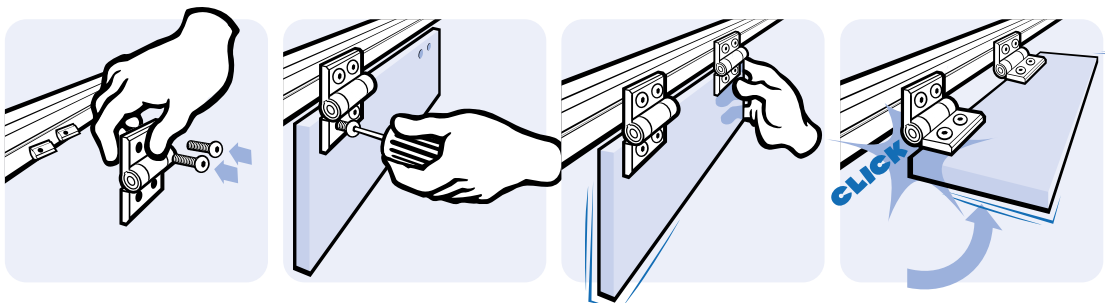
	Friction Torque* [Nm]	FAmx [N]	FRmax [N]	Weight [g]	Part #
	1.8	800	1500	84.0	<a href="#">095031</a>
	2.3	800	1500	84.0	<a href="#">095032</a>
	3.4	800	1500	84.0	<a href="#">095033</a>

**METAL HINGE WITH POSITIONING FUNCTION**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	For panels and aluminum profiles; holds a door open at an angle of 85° or 175° or keeps it securely closed; also supports lightweight doors
<b>MATERIAL</b>	Wings: Zinc die-cast Axle: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	* +/- 20% of the setting value



Cogging Torque* [Nm]	FAmx [N]	FRmax [N]	Weight [g]	Part #
1.1	1000	1800	140.0	095009F

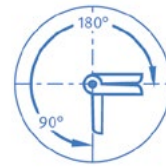
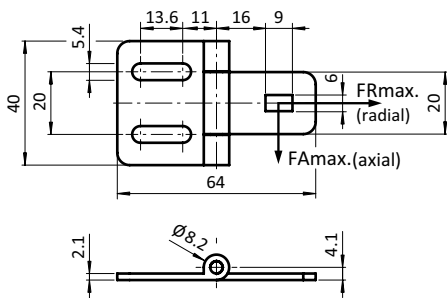




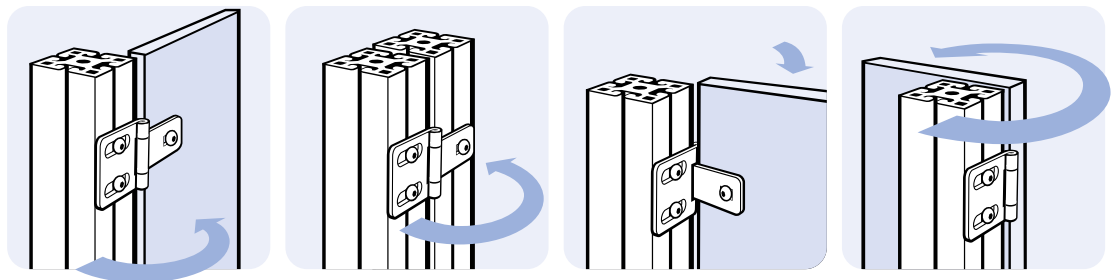
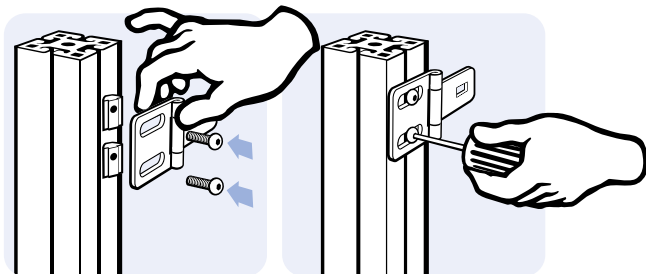
**LIGHT METAL HINGE (SET)**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>SET</b>	1 light metal hinge, 3 screws ISO 7380 - M5 x 8, 1 screw DIN 903 - M5 x16, 1 nut - DIN 934 - M5, 1 washer DIN EN ISO 7089 (DIN 125) Ø 5.3 - black zinc plated (RoHS compliant)
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request

2

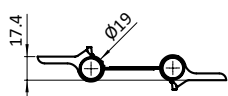
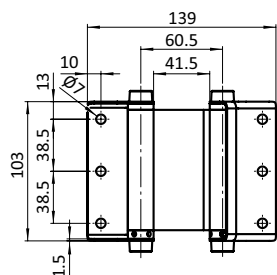


	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
	250	75	39.0	095990S



**SWING DOOR HINGE SS 40 / 38 - 1.5"**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To build self-closing passage doors, double action; use tension pin to adjust spring load and set it with retaining pins
<b>MATERIAL</b>	Hinge: Stainless steel SS201 Caps: Zinc die-cast Tension pin: Steel Retaining pins: Steel
<b>SURFACE</b>	Caps: Chrome plated Tension pin: Zinc plated Retaining pins: Nickel plated
<b>FASTENING</b>	From the back, using M6 screws
<b>PACK QUANTITY</b>	1 piece

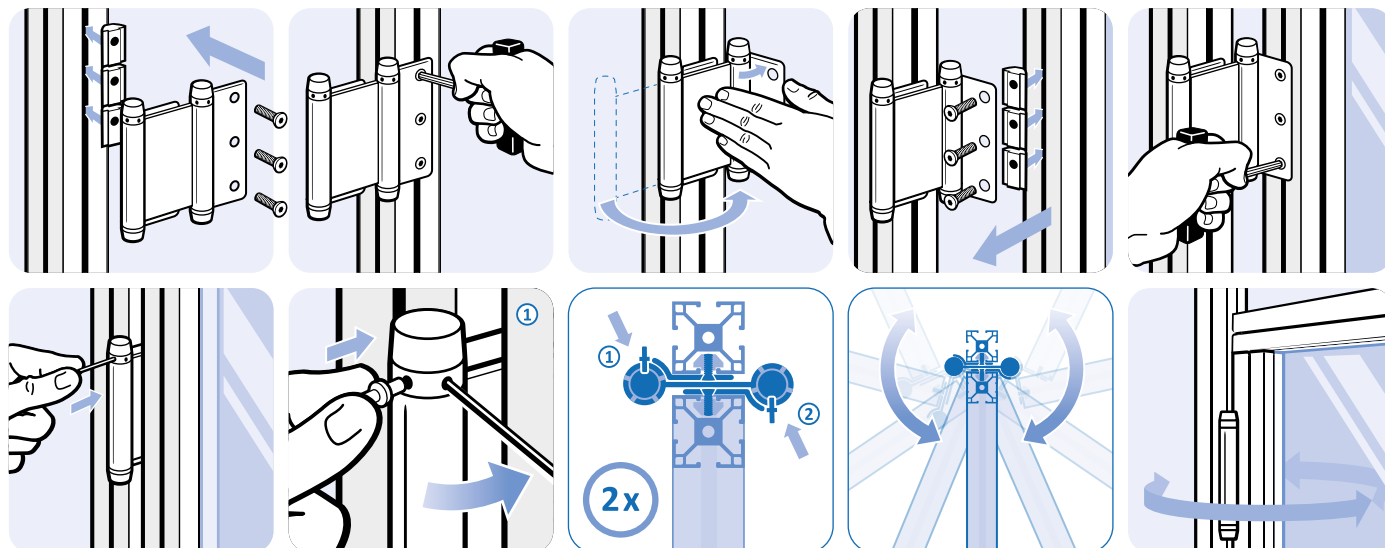


Weight [g]

Part #

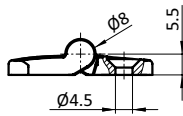
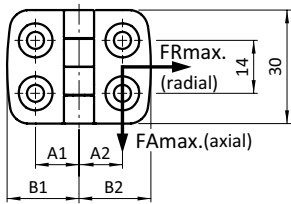
345.5

095SL4040E



**STAINLESS STEEL COMBI HINGE 20 MINI, NON-DETACHABLE**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M4 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

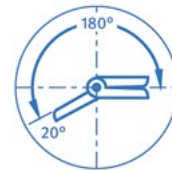
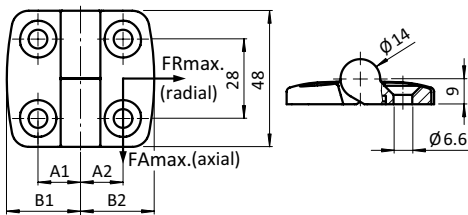


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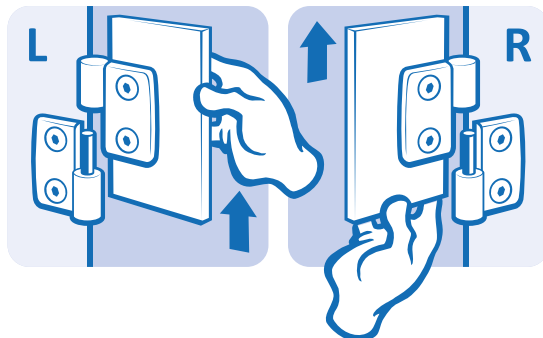
Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FAmox [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	20 / 20	11.5	11.5	19.0	19.0	450	700	138.0	<a href="#">095E2020F</a>

**STAINLESS STEEL COMBI HINGE 25, DETACHABLE**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

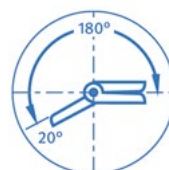
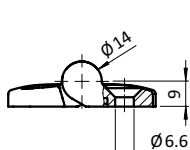
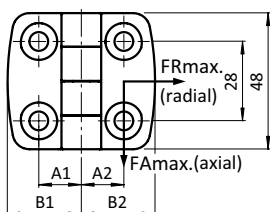


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	Fmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	25 / 25	15.0	15.0	26.0	26.0	625	900	144.0	<a href="#">095E2525L</a>
R: Right	25 / 25	15.0	15.0	26.0	26.0	625	900	144.0	<a href="#">095E2525R</a>



**STAINLESS STEEL COMBI HINGE 25, NON-DETACHABLE**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

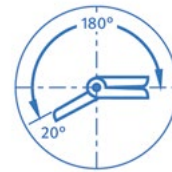
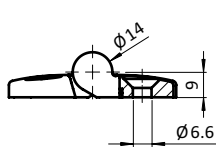
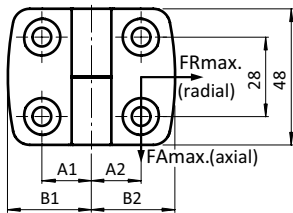


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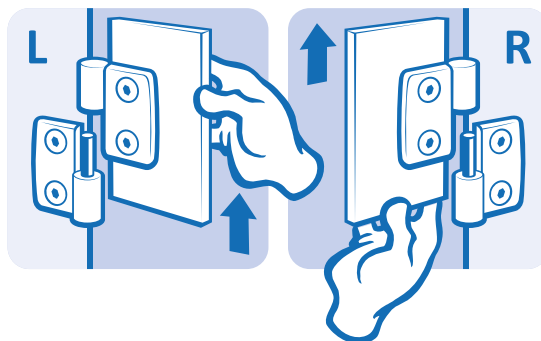
Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FMax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	25 / 25	15.0	15.0	26.0	26.0	560	700	143.0	095E2525F

**STAINLESS STEEL COMBI HINGE 30, DETACHABLE**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

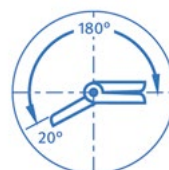
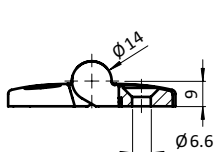
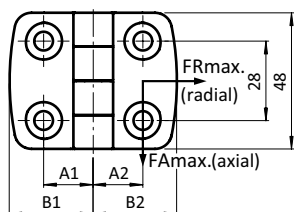


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FMax [N]	FRmax [N]	Weight [g]	Part #
L: Left	30 / 30	17.5	17.5	29.5	29.5	710	1000	160.0	<a href="#">095E3030L</a>
R: Right	30 / 30	17.5	17.5	29.5	29.5	710	1000	160.0	<a href="#">095E3030R</a>



**STAINLESS STEEL COMBI HINGE 30, NON-DETACHABLE**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

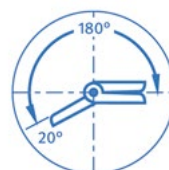
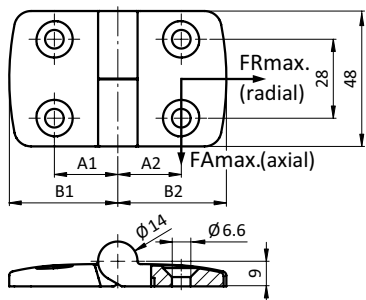


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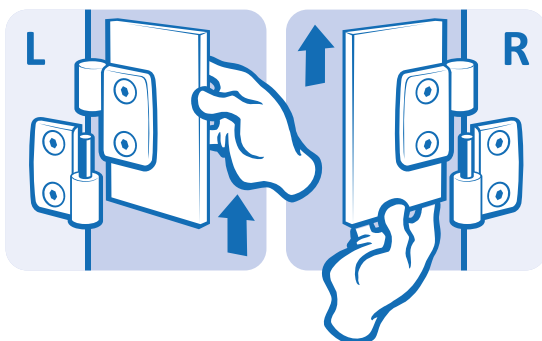
Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	Fmax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	30 / 30	17.5	17.5	29.5	29.5	575	800	167.0	<b>095E3030F</b>

**STAINLESS STEEL COMBI HINGE 40, DETACHABLE**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces



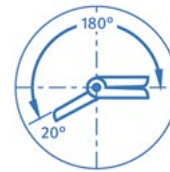
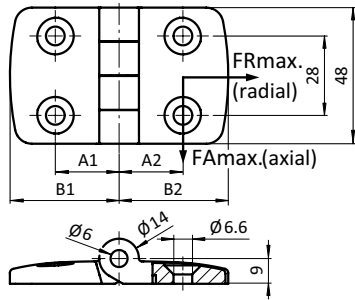
Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FAmx [N]	FRmax [N]	Weight [g]	Part #
L: Left	40 / 40	22.5	22.5	38.5	38.5	500	1200	204.0	095E4040L
R: Right	40 / 40	22.5	22.5	38.5	38.5	500	1200	204.0	095E4040R





**STAINLESS STEEL COMBI HINGE 40, NON-DETACHABLE**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

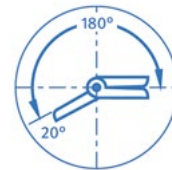
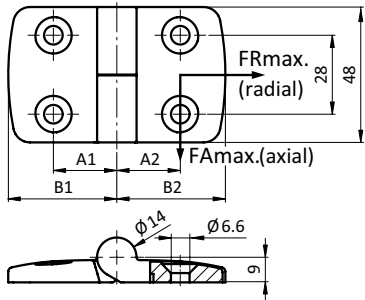


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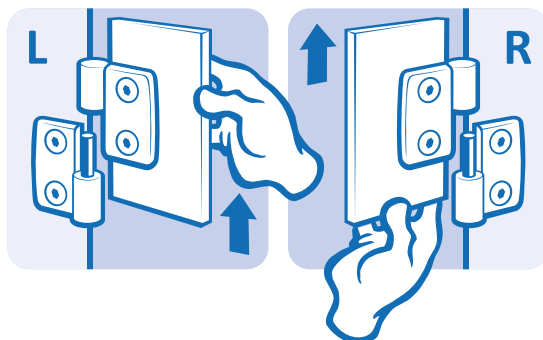
Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	Fmax [N]	FRmax [N]	Weight [g]	Part #
Non-detachable	40 / 40	22.5	22.5	38.5	38.5	675	900	205.0	095E4040F

**STAINLESS STEEL COMBI HINGE 45, DETACHABLE**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

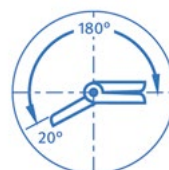
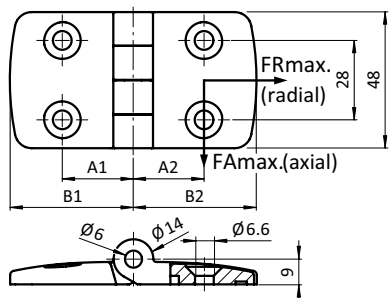


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	Fmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	45 / 45	25.0	25.0	42.5	42.5	450	1200	224.0	<a href="#">095E4545L</a>
R: Right	45 / 45	25.0	25.0	42.5	42.5	450	1200	224.0	<a href="#">095E4545R</a>



**STAINLESS STEEL COMBI HINGE 45, NON-DETACHABLE**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

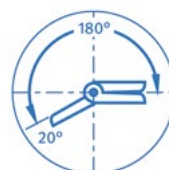
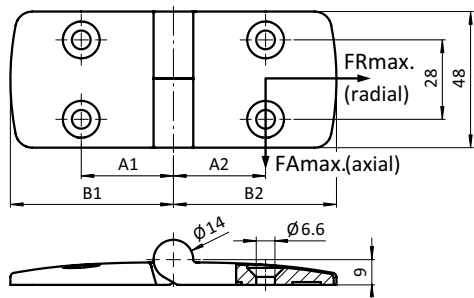


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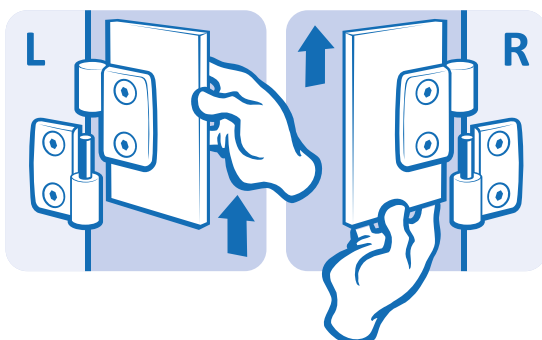
Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
Non-detachable	45 / 45	25.0	25.0	42.5	42.5	675	900	223.0	<b>095E4545F</b>

**STAINLESS STEEL COMBI HINGE 60, DETACHABLE**

<b>MODEL</b>	Detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

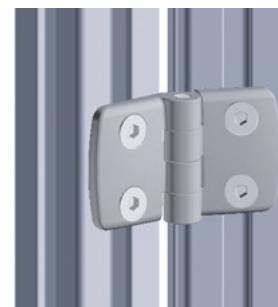
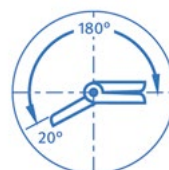
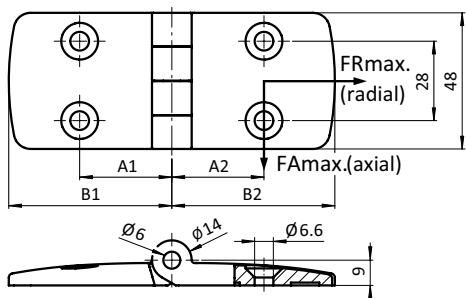


Version	Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FAmax [N]	FRmax [N]	Weight [g]	Part #
L: Left	60 / 60	32.5	32.5	56.5	56.5	350	1200	286.0	<a href="#">095E6060L</a>
R: Right	60 / 60	32.5	32.5	56.5	56.5	350	1200	286.0	<a href="#">095E6060R</a>



**STAINLESS STEEL COMBI HINGE 60, NON-DETACHABLE**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel SS316 Bolt: Stainless steel SS430 F
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces

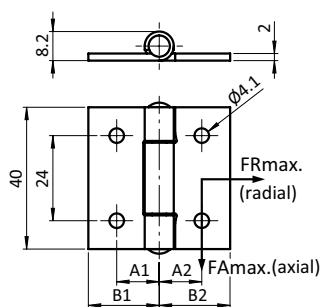


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Combination	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FMax [N]	FRmax [N]	Weight [g]	Part #
60 / 60	32.5	32.5	56.5	56.5	260	900	287.0	095E6060F

**LIGHT STAINLESS STEEL HINGE**

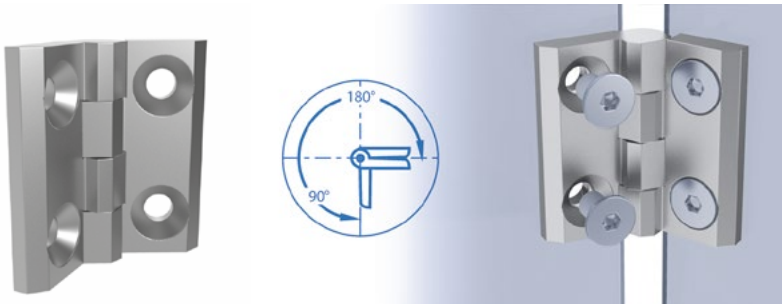
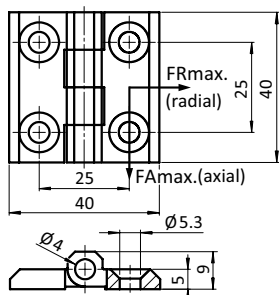
<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	To hinge panels or aluminum profiles
<b>MATERIAL</b>	Wing: Stainless steel 1.4301 Bolt: Stainless steel 1.4301
<b>SURFACE</b>	Plain
<b>ASSEMBLY SET</b>	4 pan-head screws ISO 7380 - M4 x 6, 4 hammer nuts M4 - Nut 6
<b>FASTENING</b>	From the front, using M4 countersunk screws
<b>PACK QUANTITY</b>	10 pieces / 10 set



Version	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	FMax [N]	FRmax [N]	Weight [g]	Part #
	12.0	12.0	20.0	20.0	320.0	390.0	35.5	<b>095072</b>
incl. assembly set	12.0	12.0	20.0	20.0	320.0	390.0	45.0	<b>095072S01</b>

**STAINLESS STEEL HINGE 40 X 40**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	Hinge for heavy usage
<b>MATERIAL</b>	Wings: Stainless steel SS316 Pin: Stainless steel SS316
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces

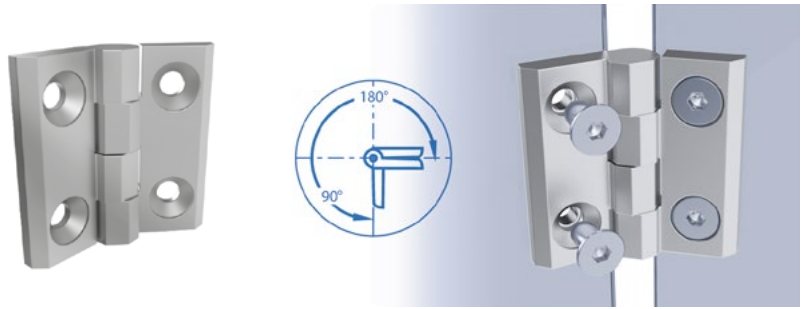
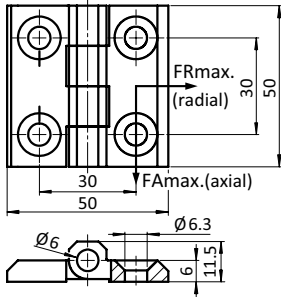


2

	Fmax [N]	FRmax [N]	Weight [g]	Part #
	700	1200	61.00	<a href="#">09574040E</a>

**STAINLESS STEEL HINGE 50 X 50**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	Hinge for heavy usage
<b>MATERIAL</b>	Wings: Stainless steel SS316 Pin: Stainless steel SS316
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces

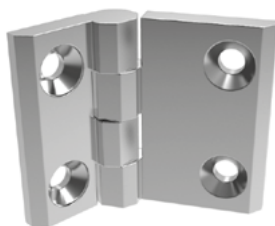
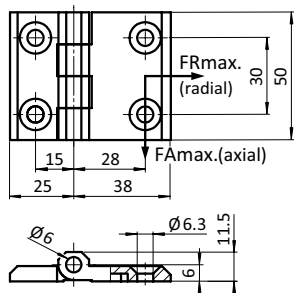


	<b>FAmax [N]</b>	<b>FRmax [N]</b>	<b>Weight [g]</b>	<b>Part #</b>
	900	1600.0	95.00	<b>09575050E</b>



**STAINLESS STEEL HINGE 50 X 63**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	Hinge for heavy usage
<b>MATERIAL</b>	Wings: Stainless steel SS316 Pin: Stainless steel SS316
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces

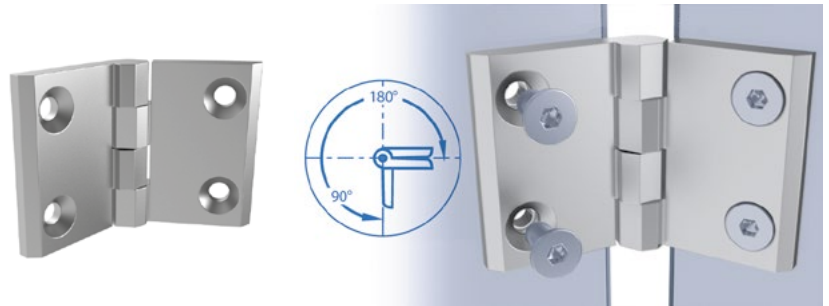
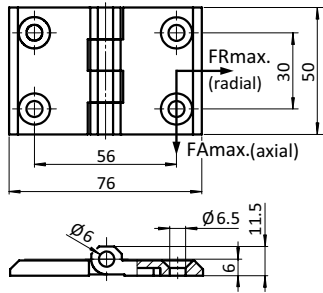


2

	FAmmax [N]	FRmax [N]	Weight [g]	Part #
	900	1600.0	122.00	<b>095010E</b>

**STAINLESS STEEL HINGE 50 X 76**

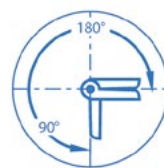
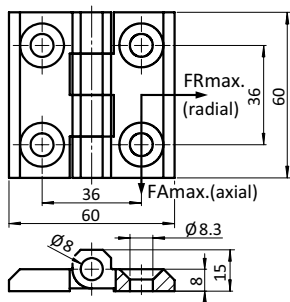
<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	Hinge for heavy usage
<b>MATERIAL</b>	Wings: Stainless steel SS316 Pin: Stainless steel SS316
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces



	<b>F<sub>Amax</sub> [N]</b>	<b>F<sub>Rmax</sub> [N]</b>	<b>Weight [g]</b>	<b>Part #</b>
	550	1000	146.00	<b>095007E</b>

**STAINLESS STEEL HINGE 60 X 60**

<b>MODEL</b>	Non-detachable
<b>DESCRIPTION</b>	Hinge for heavy usage
<b>MATERIAL</b>	Wings: Stainless steel SS316 Pin: Stainless steel SS316
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces

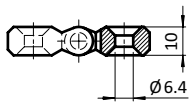
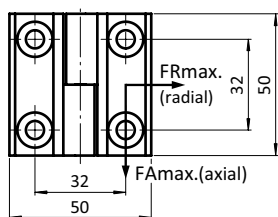


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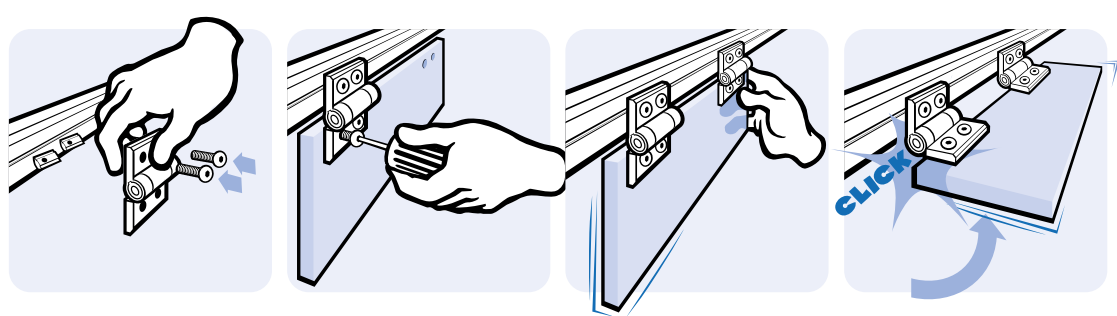
	F <sub>Amax</sub> [N]	F <sub>Rmax</sub> [N]	Weight [g]	Part #
	1200	2000	222.00	<a href="#">09576060E</a>

**STAINLESS STEEL HINGE LR**

<b>MODEL</b>	Detachable, right and left application
<b>DESCRIPTION</b>	Dual symmetrical layout enables right and left hand application
<b>MATERIAL</b>	Wings: Stainless steel SS316 Pin: Stainless steel SS316
<b>SURFACE</b>	Plain
<b>FASTENING</b>	From the front, using M6 countersunk screws
<b>PACK QUANTITY</b>	10 pieces



	<b>FAmax [N]</b>	<b>FRmax [N]</b>	<b>Weight [g]</b>	<b>Part #</b>
	600	1000	156.0	<a href="#">09575050ELR</a>



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**T-NUTS & T-BOLTS** 3

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## T-NUTS &amp; T-BOLTS

	ROLL-IN T-SLOT NUT 7.6 X 4.3 MM WITH SPRING LOADED BALL	269		ROLL-IN T-SLOT NUT 12.5 X 6.0 MM WITH SPRING LOADED BALL	287
	ROLL-IN T-SLOT NUT 7.7 X 4.6 MM WITH SPRING LOADED BALL	270		ROLL-IN T-SLOT NUT 12.5 X 6.0 MM WITH SPRING LEAF	288
	ROLL-IN T-SLOT NUT 8.0 X 4.2 MM WITH SPRING LOADED BALL	271		ROLL-IN T-SLOT NUT 12.9 X 7.2 MM WITH SPRING LOADED BALL	289
	ROLL-IN T-SLOT NUT 8.0 X 4.7 MM WITH SPRING LOADED BALL	272		ROLL-IN T-SLOT NUT 13.0 X 10.0 MM WITH SPRING LOADED BALL	290
	ROLL-IN T-SLOT NUT 7.7 X 3.4 MM WITH SPRING LEAF	273		ROLL-IN T-SLOT NUT 13.4 X 7.6 MM WITH SPRING LOADED BALL	291
	ROLL-IN T-SLOT NUT 10.5 X 6.3 MM WITH SPRING LOADED BALL	274		ROLL-IN T-SLOT NUT 13.5 X 7.2 MM WITH SPRING LOADED BALL	292
	ROLL-IN T-SLOT NUT 10.5 X 6.9 MM WITH SPRING LOADED BALL	275		ROLL-IN T-SLOT NUT 13.5 X 7.2 MM SHORT 17.8 MM WITH SPRING LOADED BALL	293
	ROLL-IN DOUBLE T-SLOT NUT 10.5 X 6.3 MM	276		ROLL-IN T-SLOT NUT 13.5 X 7.2 MM SHORT 19.0 MM WITH SPRING LOADED BALL	294
	ROLL-IN T-SLOT NUT 11.0 X 5.5 MM WITH SPRING LOADED BALL	277		ROLL-IN T-SLOT NUT 13.5 X 7.2 MM WITH SPRING LEAF	295
	ROLL-IN T-SLOT NUT 11.0 X 5.5 MM WITH SPRING LEAF	278		DOUBLE-T-SLOT NUT 1 SLOT 8 FOR DOUBLE ADAPTER D30 (SET)	296
	T-SLOT NUT 9.8 X 4.5 MM	279		ROLL-IN T-SLOT NUT 13.7 X 7.0 MM WITH SPRING LOADED BALL	297
	T-SLOT NUT 11.5 X 4.0 MM	280		ROLL-IN DOUBLE T-SLOT NUT 13.7 X 7.0 MM	298
	ROLL-IN T-SLOT NUT 10.8 X 4.1 MM	281		T-SLOT NUT 16.0 X 6.0 MM	299
	ROLL-IN T-SLOT NUT 10.8 X 4.1 MM WITH SPRING LEAF	282		T-SLOT NUT 17.0 X 8.0 MM WITH SPRING LOADED BALL	300
	ROLL-IN T-SLOT NUT 11.0 X 4.1 MM WITH SPRING LEAF	283		ROLL-IN T-SLOT NUT 17.0 X 9.6 MM WITH SPRING LOADED BALL	301
	ROLL-IN T-SLOT NUT 11.6 X 4.6 MM	284		T-SLOT NUT 18.0 X 6.8 MM WITH SPRING LOADED BALL	302
	ROLL-IN T-SLOT NUT 11.6 X 4.6 MM WITH SPRING LEAF	285		T-SLOT NUT 18.0 X 12.2 MM WITH SPRING LOADED BALL	303
	ROLL-IN T-SLOT NUT 12.0 X 7.2 MM WITH SPRING LOADED BALL	286		ROLL-IN T-SLOT NUT 14.0 X 5.2 MM	304

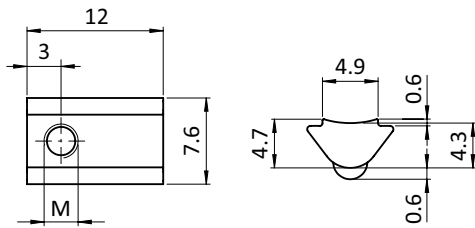
	ROLL-IN T-SLOT NUT 14.0 X 5.2 MM WITH SPRING LEAF	305		ROLL-IN T-SLOT NUT 16.4 X 7.0 MM WITH SPRING LOADED BALL	323
	ROLL-IN DOUBLE T-SLOT NUT 14.0 X 5.2 MM (SET)	306		ROLL-IN T-SLOT NUT 20.0 X 10.0 MM	324
	ROLL-IN T-SLOT NUT 14.5 X 6.2 MM WITH SPRING LOADED BALL	307		ROLL-IN T-SLOT NUT 20.3 X 11.2 MM WITH SPRING LOADED BALL	325
	ROLL-IN T-SLOT NUT 14.5 X 6.2 MM WITH SPRING LEAF	308		T-SLOT NUT 20.0 X 9.0 MM	326
	ROLL-IN T-SLOT NUT 15.0 X 6.0 MM	309		SPRING FOR T-SLOT NUT	327
	ROLL-IN T-SLOT NUT 15.0 X 6.0 MM WITH SPRING LEAF	310		HAMMER NUT SLOT 6	328
	T-SLOT NUT 13.0 X 5.0 MM	311		HAMMER NUT SLOT 8, STEP HEIGHT 1.0 MM	329
	T-SLOT NUT 15.0 X 8.0 MM	312		HAMMER NUT SLOT 8, STEP HEIGHT 1.5/3.0 MM	330
	T-SLOT NUT 18.0 X 5.5 MM	313		HAMMER NUT SLOT 8 WITH TURNING HELP, STEP HEIGHT 1.5/3.0 MM	331
	T-SLOT NUT 18.0 X 7.5 MM	314		HAMMER NUT PA SLOT 8	332
	T-SLOT NUT 18.0 X 8.0 MM	315		HAMMER NUT SLOT 10	333
	T-SLOT NUT 19.5 X 10.6 MM, STEP HEIGHT 4.8 MM	316		HAMMER NUT SLOT 10 WITH TURNING HELP	334
	T-SLOT NUT 19.5 X 10.6 MM, STEP HEIGHT 5.1 MM	317		HAMMER HEAD SCREW SLOT 8	335
	T-SLOT NUT 19.5 X 10.6 MM, STEP HEIGHT 4.3 MM, WITH SPRING LOADED BALL	318		HAMMER HEAD SCREW SLOT 10	336
	T-SLOT NUT 19.5 X 10.6 MM, STEP HEIGHT 4.3 MM	319		FLANGE NUT	338
	T-SLOT NUT 20.0 X 6.4 MM	320		SPRING NUT	339
	T-SLOT NUT 20.0 X 6.4 MM, WITH SPRING LOADED BALL	321		SPRING NUT	340
	ROLL-IN T-SLOT NUT 13.1 X 5.3 MM WITH SPRING LEAF	322		RHOMBUS T-SLOT NUT 10.8 X 3.6 MM WITH SPRING LEAF	341

	<b>RHOMBUS T-SLOT NUT 12.5 X 6.0 MM WITH SPRING LEAF</b>	<b>342</b>
	<b>RHOMBUS NUT WITH LOCKING</b>	<b>343</b>
	<b>RHOMBUS NUT</b>	<b>344</b>
	<b>ROLL-IN SLOT NUT 13.0 X 13.0 X 6.0 MM</b>	<b>345</b>
	<b>ROLL-IN SLOT NUT 13.0 X 13.0 X 6.0 MM WITH SPRING LEAF</b>	<b>346</b>
	<b>THREADED PLATE</b>	<b>347</b>
	<b>RHOMBUS THREADED PLATE</b>	<b>349</b>
	<b>STRADDLING NUT</b>	<b>350</b>



**ROLL-IN T-SLOT NUT 7.6 X 4.3 MM WITH SPRING LOADED BALL**

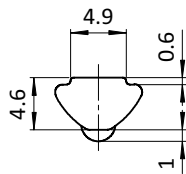
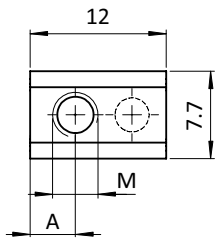
<b>MODEL</b>	Slot 5, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



	Size	Weight [g]	Profile	Part #
	M3	1.4	I	<a href="#">096523</a>
	M4	1.6	I	<a href="#">096524</a>
	M5	1.8	I	<a href="#">096525</a>

**ROLL-IN T-SLOT NUT 7.7 X 4.6 MM WITH SPRING LOADED BALL**

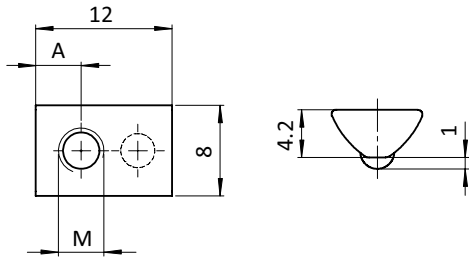
<b>MODEL</b>	Slot 5, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	T-slot nut: Zinc plated steel Rod: Steel, plain, without thread Ball: Stainless steel
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



	Size	Weight [g]	Profile	Part #
	M3	2.2	I	<a href="#">096213</a>
	M4	2.0	I	<a href="#">096214</a>
	M5	1.8	I	<a href="#">096215</a>

**ROLL-IN T-SLOT NUT 8.0 X 4.2 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 5, with spring loaded ball, steel / stainless steel
<b>DESCRIPTION</b>	Roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel / stainless steel SS304 / SS303
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

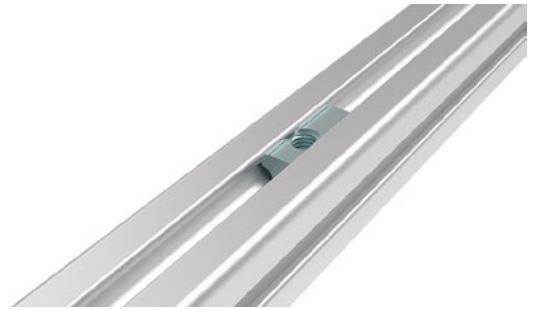
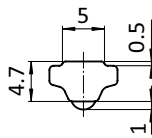
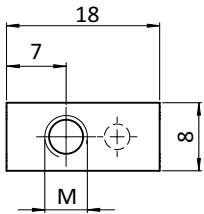


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	Material	Size	Weight [g]	Profile	Part #
	Steel	M3	2.0	I	<a href="#">096203</a>
		M4	1.8	I	<a href="#">096204</a>
		M5	1.6	I	<a href="#">096205</a>
	Stainless steel	M4	1.8	I	<a href="#">096204E</a>
		M5	1.6	I	<a href="#">096205E</a>

**ROLL-IN T-SLOT NUT 8.0 X 4.7 MM WITH SPRING LOADED BALL**

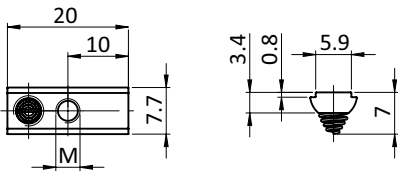
<b>MODEL</b>	Slot 5, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



Size	Weight [g]	Part #
M4	3.4	<a href="#">096264</a>
M5	3.2	<a href="#">096265</a>

**ROLL-IN T-SLOT NUT 7.7 X 3.4 MM WITH SPRING LEAF**

<b>MODEL</b>	Slot 6, self-aligning with spiral spring, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spiral spring
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request

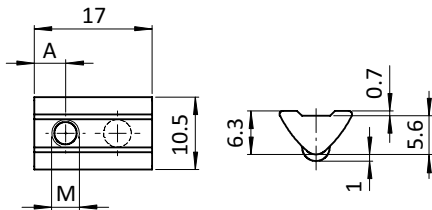


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Size	Weight [g]	Profile	Part #
M4	2.6	B	<a href="#">096244F</a>
M5	2.4	B	<a href="#">096245F</a>

**ROLL-IN T-SLOT NUT 10.5 X 6.3 MM WITH SPRING LOADED BALL**

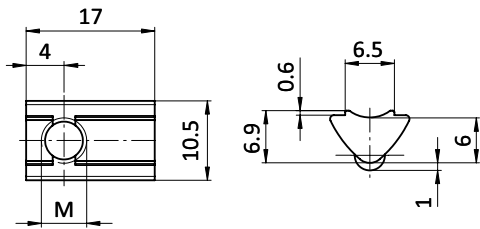
<b>MODEL</b>	Slot 6, with spring loaded ball, steel / stainless steel
<b>DESCRIPTION</b>	Roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel / stainless steel SS304 / SS303
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



Material	ESD	Size	Weight [g]	Profile	Part #
Steel		M3	5.2	I	<a href="#">096233</a>
		M4	5.0	I	<a href="#">096234</a>
		M5	4.8	I	<a href="#">096235</a>
		M6	4.5	I	<a href="#">096236</a>
Stainless steel		M5	4.8	I	<a href="#">096235E</a>
		M6	4.5	I	<a href="#">096236E</a>
Steel	ESD electrostatical discharging	M5	4.8	I	<a href="#">096235S01</a>

**ROLL-IN T-SLOT NUT 10.5 X 6.9 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 6, with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

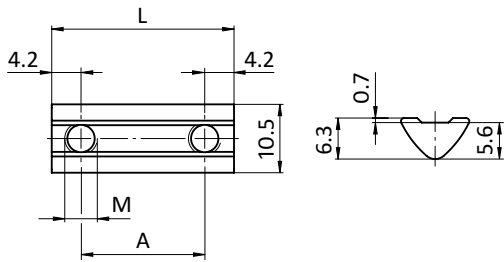


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	Size	Weight [g]	Profile	Part #
	M3	5.5	I	096553
	M4	5.3	I	096554
	M5	4.5	I	096555
	M6	4.6	I	096556

**ROLL-IN DOUBLE T-SLOT NUT 10.5 X 6.3 MM**

<b>MODEL</b>	Slot 6, Steel
<b>DESCRIPTION</b>	Roll-in Double T-slot nut; ESD electrostatical discharging version with two notches on one front end
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request

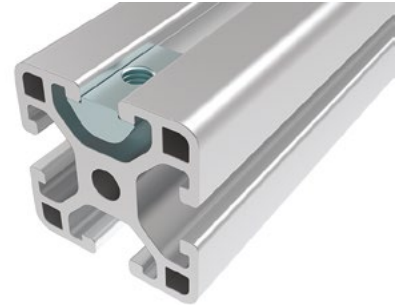
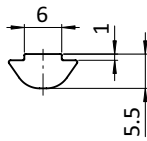
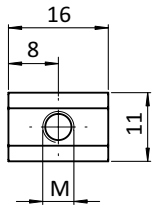


A [mm]	L [mm]	Size	Weight [g]	Profile	Part #
19.6	28.0	M5	7.2	I	<a href="#">096235D28</a>
49.0	58.0	M5	17.0	I	<a href="#">096235D58</a>
17.0	28.0	M6	6.0	I	<a href="#">096236D28</a>
47.0	58.0	M6	16.0	I	<a href="#">096236D58</a>



**ROLL-IN T-SLOT NUT 11.0 X 5.5 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 6, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

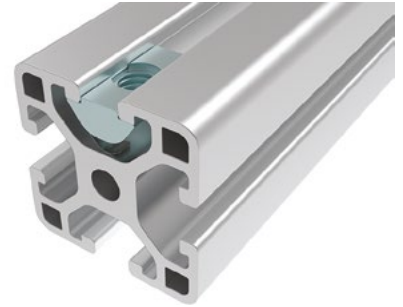
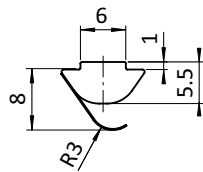
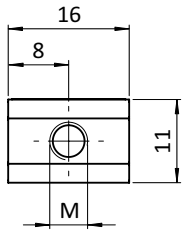


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	Size	Weight [g]	Part #
	M4	5.6	<a href="#">096284</a>
	M5	5.5	<a href="#">096285</a>
	M6	5.2	<a href="#">096286</a>

**ROLL-IN T-SLOT NUT 11.0 X 5.5 MM WITH SPRING LEAF**

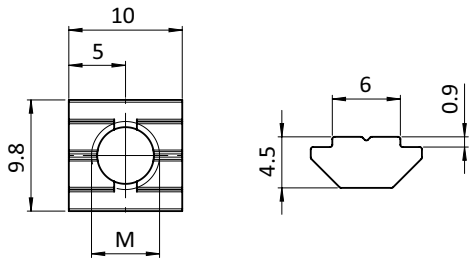
<b>MODEL</b>	Slot 6, Self-Aligning with Spring Leaf, Steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring leaf
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



	Size	Weight [g]	Part #
	M4	5.6	<a href="#">096284F</a>
	M5	5.5	<a href="#">096285F</a>
	M6	5.2	<a href="#">096286F</a>

**T-SLOT NUT 9.8 X 4.5 MM**

<b>MODEL</b>	Slot 6, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

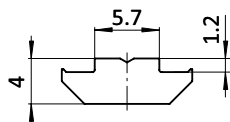
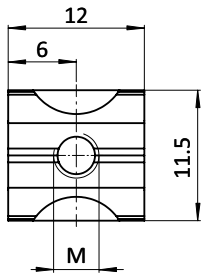


3

	Size	Weight [g]	Profile	Part #
	M4	2.4	B	<a href="#">096504</a>
	M5	2.2	B	<a href="#">096505</a>
	M6	1.9	B	<a href="#">096506</a>

**T-SLOT NUT 11.5 X 4.0 MM**

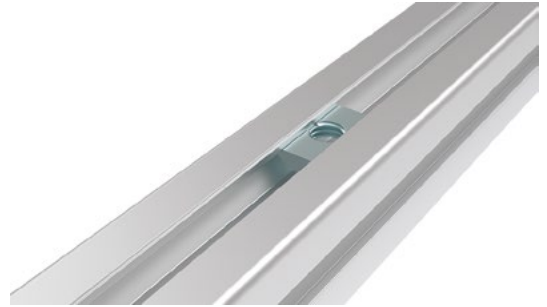
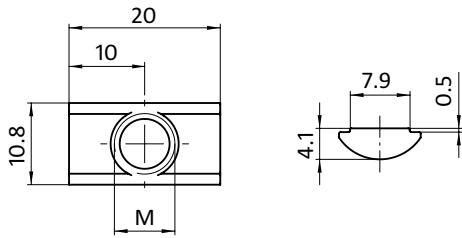
<b>MODEL</b>	Slot 6, self-aligning, stainless steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut, ESD electrostatical discharging
<b>MATERIAL</b>	Stainless steel SS304 / SS303
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request



Size	Weight [g]	Profile	Part #
M4	3.0	B	<a href="#">096484E</a>
M5	3.0	B	<a href="#">096485E</a>

**ROLL-IN T-SLOT NUT 10.8 X 4.1 MM**

<b>MODEL</b>	Slot 8, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

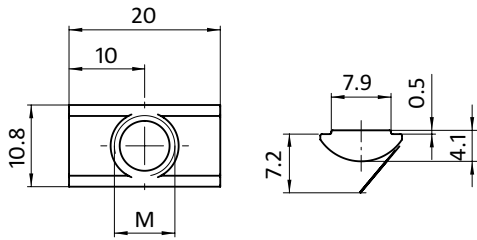


3

	Size	Weight [g]	Part #
	M4	5.0	096424
	M5	4.5	096425
	M6	4.3	096426
	M8	4.0	096428

**ROLL-IN T-SLOT NUT 10.8 X 4.1 MM WITH SPRING LEAF**

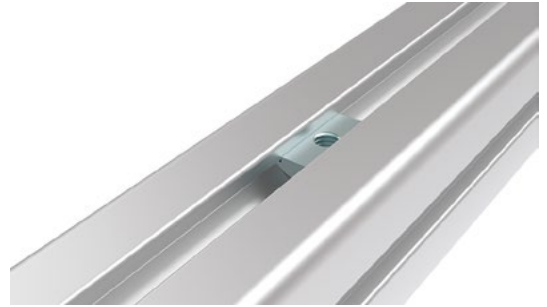
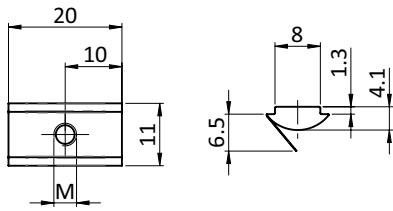
<b>MODEL</b>	Slot 8, self-aligning with spring leaf, steel / stainless steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring leaf
<b>MATERIAL</b>	Steel / stainless steel SS304 / SS303
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



	Material	Size	Weight [g]	Part #
	Steel	M4	5.0	<a href="#">096424F</a>
		M5	4.8	<a href="#">096425F</a>
		M6	4.5	<a href="#">096426F</a>
		M8	4.0	<a href="#">096428F</a>
	Stainless steel	M4	5.0	<a href="#">096424FE</a>
		M5	4.8	<a href="#">096425FE</a>
		M6	4.5	<a href="#">096426FE</a>
		M8	4.0	<a href="#">096428FE</a>

**ROLL-IN T-SLOT NUT 11.0 X 4.1 MM WITH SPRING LEAF**

<b>MODEL</b>	Slot 8, self-aligning with spring leaf, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring leaf
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

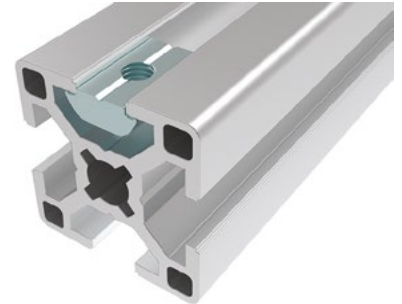
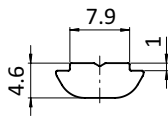
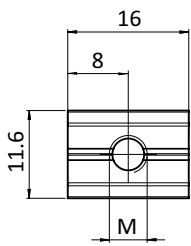


3

	Size	Weight [g]	Part #
	M4	4.0	<a href="#">096494F</a>
	M5	3.9	<a href="#">096495F</a>
	M6	3.8	<a href="#">096496F</a>
	M8	3.7	<a href="#">096498F</a>

**ROLL-IN T-SLOT NUT 11.6 X 4.6 MM**

<b>MODEL</b>	Slot 8, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request
<b>TIP</b>	Compatible Spring see 096FN08

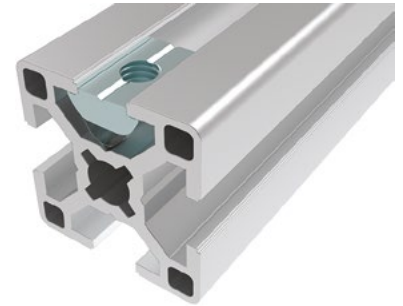
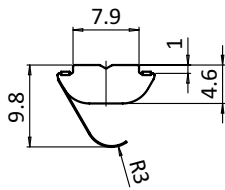
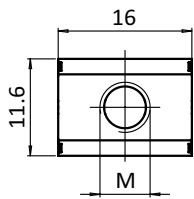


	Size	Weight [g]	Profile	Tip	Part #
	M4	4.2	B	*	<a href="#">096314</a>
	M5	3.8	B	*	<a href="#">096315</a>
	M6	3.2	B	*	<a href="#">096316</a>
	M8	2.6	B	*	<a href="#">096318</a>



**ROLL-IN T-SLOT NUT 11.6 X 4.6 MM WITH SPRING LEAF**

<b>MODEL</b>	Slot 8, self-aligning with spring leaf, steel / stainless steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring leaf, ESD electrostatical discharging
<b>MATERIAL</b>	Steel Stainless Steel SS304 / SS303
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request

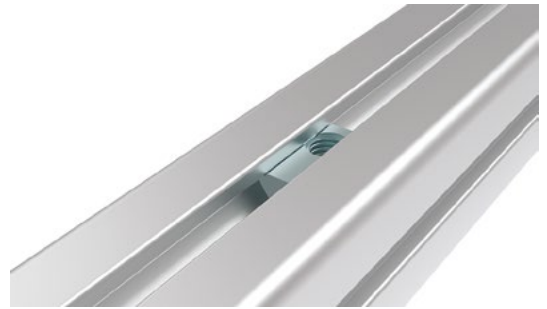
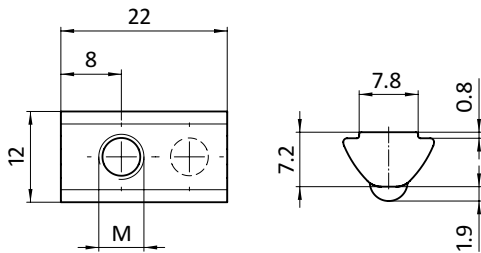


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	Material	Size	Weight [g]	Profile	Part #
	Steel	M4	4.8	B	<a href="#">096314F</a>
		M5	4.7	B	<a href="#">096315F</a>
		M6	4.4	B	<a href="#">096316F</a>
		M8	3.6	B	<a href="#">096318F</a>
	Stainless steel	M4	4.8	B	<a href="#">096314EF</a>
M5		4.7	B	<a href="#">096315EF</a>	
M6		4.4	B	<a href="#">096316EF</a>	
		M8	3.6	B	<a href="#">096318EF</a>

**ROLL-IN T-SLOT NUT 12.0 X 7.2 MM WITH SPRING LOADED BALL**

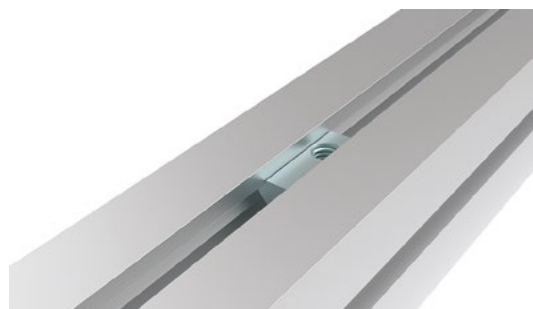
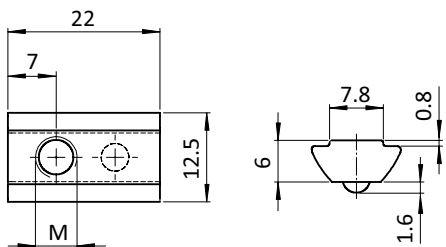
<b>MODEL</b>	Slot 8, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



Size	Weight [g]	Part #
M6	10.5	096466
M8	8.5	096468

**ROLL-IN T-SLOT NUT 12.5 X 6.0 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 8, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

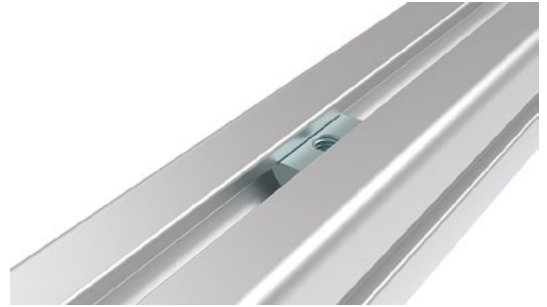
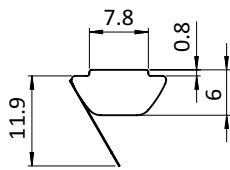
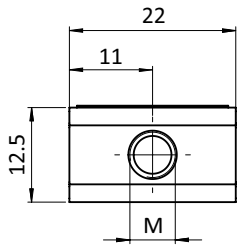


3

	Size	Weight [g]	Part #
	M4	9.6	096404
	M5	9.5	096405
	M6	9.0	096406
	M8	8.1	096408

**ROLL-IN T-SLOT NUT 12.5 X 6.0 MM WITH SPRING LEAF**

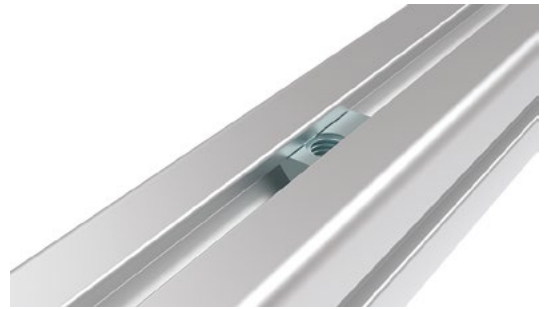
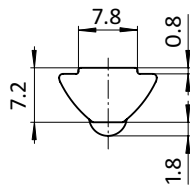
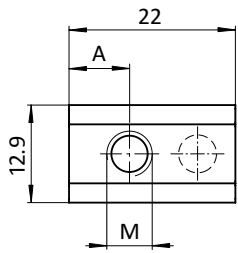
<b>MODEL</b>	Slot 8, self-aligning with spring leaf, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring leaf
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



Size	Weight [g]	Part #
M6	9.0	<a href="#">096406F</a>

**ROLL-IN T-SLOT NUT 12.9 X 7.2 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 8, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

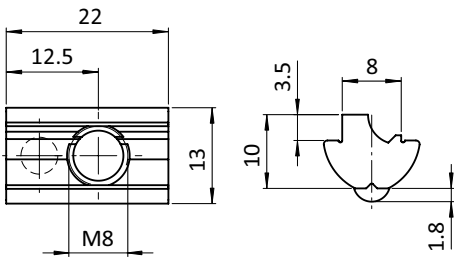


3

	Size	Weight [g]	Part #
	M4	10.5	096324
	M5	10.0	096325
	M6	10.0	096326
	M8	9.0	096328

**ROLL-IN T-SLOT NUT 13.0 X 10.0 MM WITH SPRING LOADED BALL**

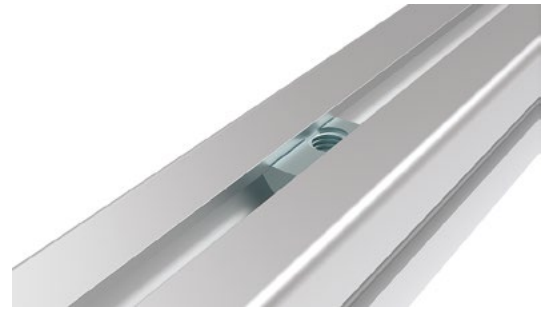
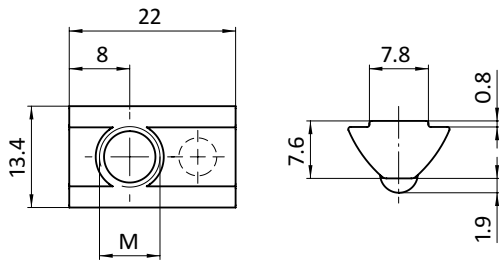
<b>MODEL</b>	Slot 8, self-aligning with spring loaded ball, aluminum / stainless steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nutwith spring loaded ball
<b>MATERIAL</b>	Aluminum
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



	Size	Weight [g]	Part #
	M5	4.5	096095
	M6	4.3	096096
	M8	3.9	096098

**ROLL-IN T-SLOT NUT 13.4 X 7.6 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 8, self-aligning with spring loaded ball, # b steel / stainless steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel / stainless steel SS304 / SS303
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

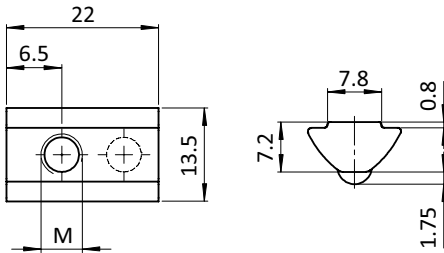


3

	Material	Size	Weight [g]	Part #
	Steel	M4	11.2	<a href="#">096334</a>
		M5	11.0	<a href="#">096335</a>
		M6	10.5	<a href="#">096336</a>
		M8	9.5	<a href="#">096338</a>
	Stainless steel	M5	10.5	<a href="#">096335E</a>
		M6	10.0	<a href="#">096336E</a>
		M8	9.0	<a href="#">096338E</a>

**ROLL-IN T-SLOT NUT 13.5 X 7.2 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 8, self-aligning with spring loaded ball, # b steel / stainless steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel / stainless steel SS304 / SS303
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

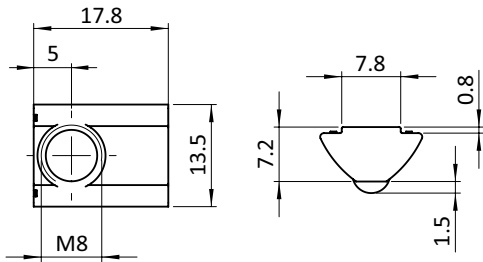


Material	ESD	Size	Weight [g]	Profile	Part #	
Steel		M3	10.9	I	<a href="#">096023</a>	
		M4	10.8	I	<a href="#">096024</a>	
		M5	10.5	I	<a href="#">096025</a>	
		M6	9.9	I	<a href="#">096026</a>	
		M8	9.0	I	<a href="#">096028</a>	
			10-32 UNF	10.9	I	<a href="#">09602U10-32</a>
			1/4-20 UNC	9.9	I	<a href="#">09602U1/4</a>
			5/16-18 UNC	9.4	I	<a href="#">09602U5/16</a>
		ESD electrostatical discharging	M4	10.8	I	<a href="#">096024S01</a>
		ESD electrostatical discharging	M5	10.5	I	<a href="#">096025S01</a>
		ESD electrostatical discharging	M6	9.9	I	<a href="#">096026S01</a>
		ESD electrostatical discharging	M8	9.0	I	<a href="#">096028S01</a>
Stainless steel		M5	10.5	I	<a href="#">096025E</a>	
		M6	9.9	I	<a href="#">096026E</a>	
		M8	9.0	I	<a href="#">096028E</a>	



**ROLL-IN T-SLOT NUT 13.5 X 7.2 MM SHORT 17.8 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 8, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	T-slot nut: Steel Ball: Stainless steel
<b>SURFACE</b>	T-slot nut: Zinc plated Ball: Plain
<b>PACK QUANTITY</b>	100 pieces

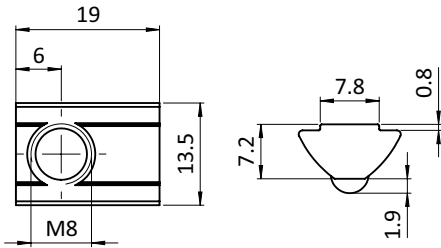


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ESD	Size	Weight [g]	Profile	Part #
ESD electrostatical discharging	M8	7.0	I	<a href="#">096020S111</a>

**ROLL-IN T-SLOT NUT 13.5 X 7.2 MM SHORT 19.0 MM WITH SPRING LOADED BALL**

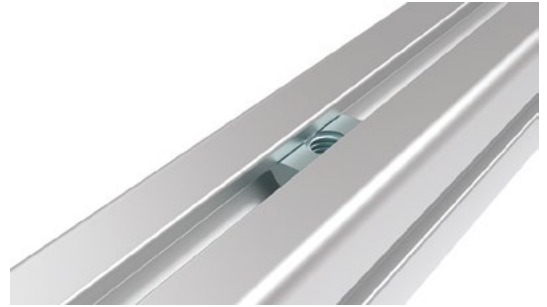
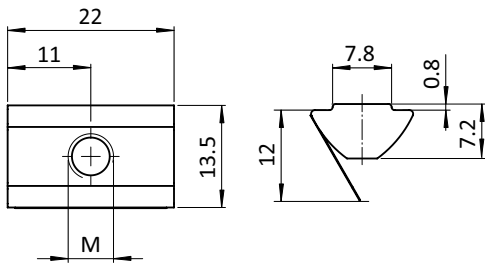
<b>MODEL</b>	Slot 8, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	T-slot nut: Steel Ball: Stainless steel
<b>SURFACE</b>	T-slot nut: Zinc plated Ball: Plain
<b>PACK QUANTITY</b>	100 pieces



Size	Weight [g]	Profile	Part #
M8	7.0	I	<a href="#">096020S97</a>

**ROLL-IN T-SLOT NUT 13.5 X 7.2 MM WITH SPRING LEAF**

<b>MODEL</b>	Slot 8, self-aligning with spring leaf, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring leaf
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

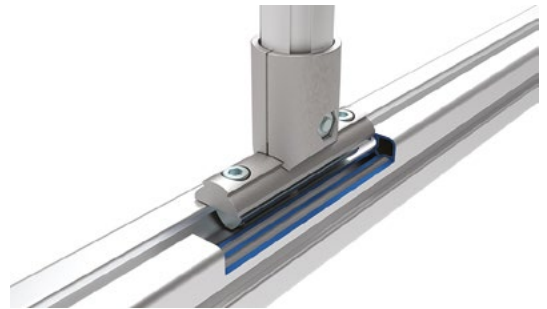
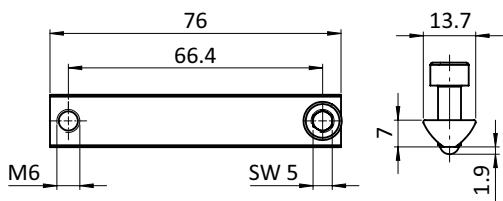


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	Size	Weight [g]	Part #
	M4	11.4	096024F
	M5	11.1	096025F
	M6	10.8	096026F
	M8	9.9	096028F
	1/4-20 UNC	10.9	09602U1/4F
	5/16-18 UNC	10.0	09602U5/16F

**DOUBLE-T-SLOT NUT I SLOT 8 FOR DOUBLE ADAPTER D30 (SET)**

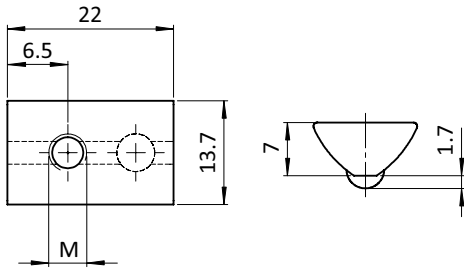
<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	Roll-in double T-slot nut
<b>MATERIAL</b>	Double T-slot nut: Steel Ball: Stainless steel Spring: Spring steel Screws: Steel
<b>SURFACE</b>	Double T-slot nut: Zinc plated Screws: Zinc plated
<b>SET</b>	1 roll-in double T-slot nut I slot 8 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 16
<b>PACK QUANTITY</b>	10 pieces



Size	Weight [g]	Profile	Part #
M6	49.4	I	<a href="#">096006D76S02</a>

**ROLL-IN T-SLOT NUT 13.7 X 7.0 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 8, with spring loaded ball, steel / stainless steel
<b>DESCRIPTION</b>	Roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel / stainless steel SS304 / SS303
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

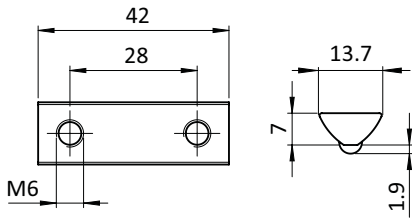


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Material	ESD	Size	Weight [g]	Profile	Part #	
Steel		M3	10.9	I	<a href="#">096003</a>	
		M4	10.8	I	<a href="#">096004</a>	
		M5	10.5	I	<a href="#">096005</a>	
		M6	9.9	I	<a href="#">096006</a>	
		M8	9.0	I	<a href="#">096008</a>	
			10-32 UNF	10.9	I	<a href="#">09600U10-32</a>
			1/4-20 UNC	10.0	I	<a href="#">09600U1/4</a>
			5/16-18 UNC	9.1	I	<a href="#">09600U5/16</a>
		ESD electrostatical discharging	M4	10.8	I	<a href="#">096004S01</a>
		ESD electrostatical discharging	M5	10.5	I	<a href="#">096005S01</a>
		ESD electrostatical discharging	M6	9.9	I	<a href="#">096006S01</a>
		ESD electrostatical discharging	M8	9.0	I	<a href="#">096008S01</a>
	Stainless steel		M3	10.9	I	<a href="#">096003E</a>
		M4	10.8	I	<a href="#">096004E</a>	
		M5	10.5	I	<a href="#">096005E</a>	
		M6	9.9	I	<a href="#">096006E</a>	
		M8	9.0	I	<a href="#">096008E</a>	
			1/4-20 UNC	10.0	I	<a href="#">09600U1/4E</a>
			5/16-18 UNC	9.1	I	<a href="#">09600U5/16E</a>

**ROLL-IN DOUBLE T-SLOT NUT 13.7 X 7.0 MM**

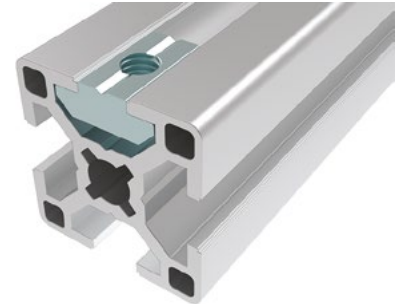
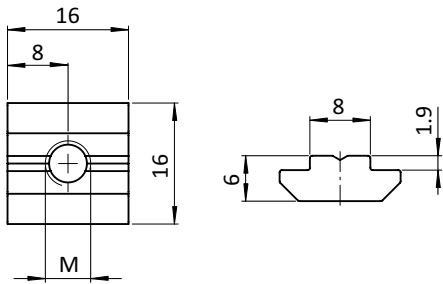
<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	Roll-in double T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request



Size	Weight [g]	Profile	Part #
M6	19.6	I	<a href="#">096000S16</a>

**T-SLOT NUT 16.0 X 6.0 MM**

<b>MODEL</b>	Slot 8, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request
<b>TIP</b>	Compatible Spring see 096FN08

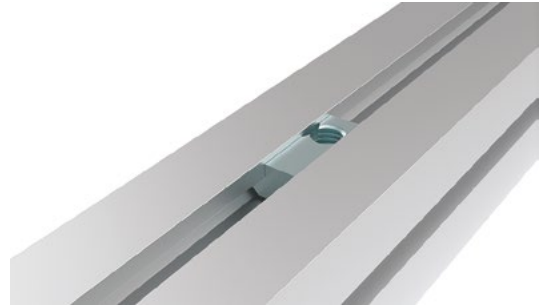
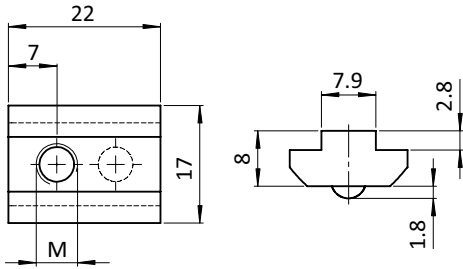


3

	Size	Weight [g]	Profile	Part #
	M4	8.6	B	<a href="#">096014</a>
	M5	8.2	B	<a href="#">096015</a>
	M6	7.8	B	<a href="#">096016</a>
	M8	7.2	B	<a href="#">096018</a>

**T-SLOT NUT 17.0 X 8.0 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 8, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

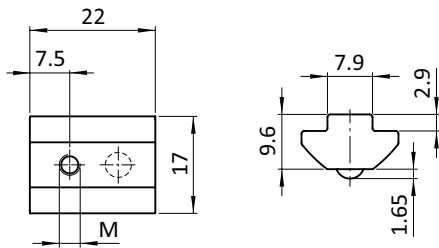


	Size	Weight [g]	Part #
	M5	16.0	<a href="#">096565</a>
	M6	16.0	<a href="#">096566</a>
	M8	15.4	<a href="#">096568</a>



**ROLL-IN T-SLOT NUT 17.0 X 9.6 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 8, with spring loaded ball, steel / stainless steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel / stainless steel SS304 / SS303
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

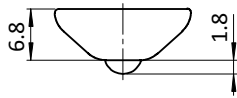
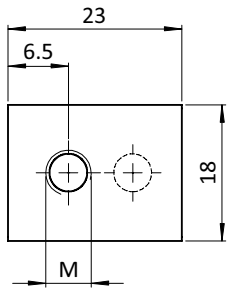


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Material	Size	Weight [g]	Profile	Part #
Steel	M4	19.0	I	<a href="#">096064</a>
	M5	18.5	I	<a href="#">096065</a>
	M6	18.0	I	<a href="#">096066</a>
	M8	17.0	I	<a href="#">096068</a>
Stainless steel	M6	18.0	I	<a href="#">096066E</a>
	M8	17.0	I	<a href="#">096068E</a>

**T-SLOT NUT 18.0 X 6.8 MM WITH SPRING LOADED BALL**

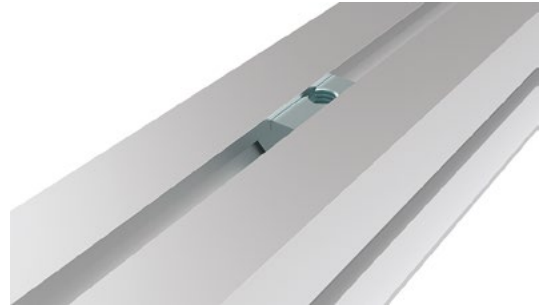
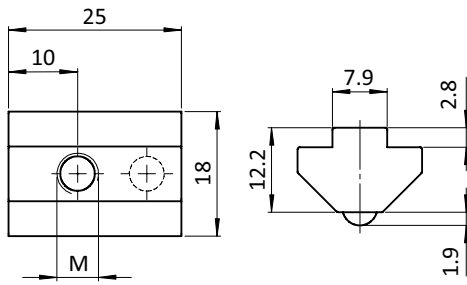
<b>MODEL</b>	Slot 8, with spring loaded ball, steel
<b>DESCRIPTION</b>	T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



	Size	Weight [g]	Profile	Part #
	M5	16.4	I	<a href="#">096115</a>
	M6	16.0	I	<a href="#">096116</a>
	M8	15.0	I	<a href="#">096118</a>

**T-SLOT NUT 18.0 X 12.2 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 8, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

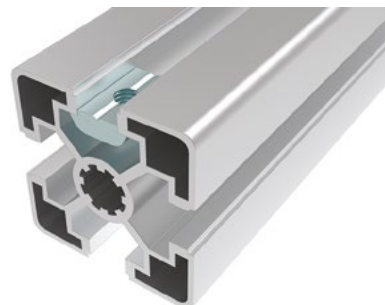
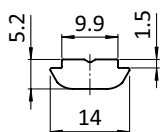
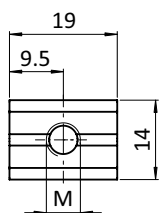


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Size	Weight [g]	Part #
M6	26.7	<a href="#">096456</a>
M8	26.3	<a href="#">096458</a>

**ROLL-IN T-SLOT NUT 14.0 X 5.2 MM**

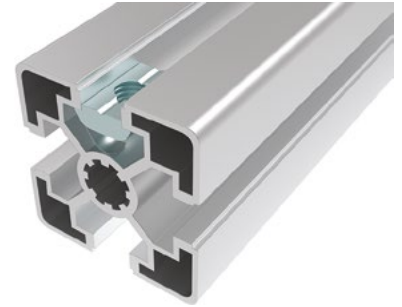
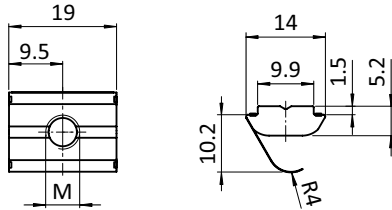
<b>MODEL</b>	Slot 10, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request
<b>TIP</b>	Compatible Spring see 096FN08



	Size	Weight [g]	Profile	Part #
	M4	8.0	B	<a href="#">096164</a>
	M5	8.2	B	<a href="#">096165</a>
	M6	7.6	B	<a href="#">096166</a>
	M8	6.8	B	<a href="#">096168</a>
	10-32 UNF	8.0	B	<a href="#">09616U10-32</a>
	1/4-20 UNC	7.8	B	<a href="#">09616U1/4</a>
	5/16-18 UNC	6.8	B	<a href="#">09616U5/16</a>

**ROLL-IN T-SLOT NUT 14.0 X 5.2 MM WITH SPRING LEAF**

<b>MODEL</b>	Slot 10, Self-aligning with Spring Leaf, Steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring leaf, ESD electrostatical discharging
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request

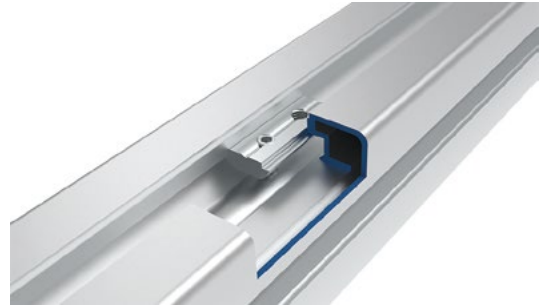
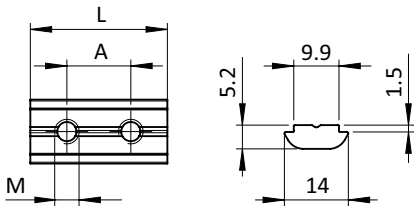


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	Size	Weight [g]	Profile	Part #
	M4	7.7	B	<a href="#">096164F</a>
	M5	7.6	B	<a href="#">096165F</a>
	M6	7.4	B	<a href="#">096166F</a>
	M8	7.1	B	<a href="#">096168F</a>
	10-32 UNF	7.6	B	<a href="#">09616U10-32F</a>
	1/4-20 UNC	7.4	B	<a href="#">09616U1/4F</a>
	5/16-18 UNC	7.1	B	<a href="#">09616U5/16F</a>

**ROLL-IN DOUBLE T-SLOT NUT 14.0 X 5.2 MM (SET)**

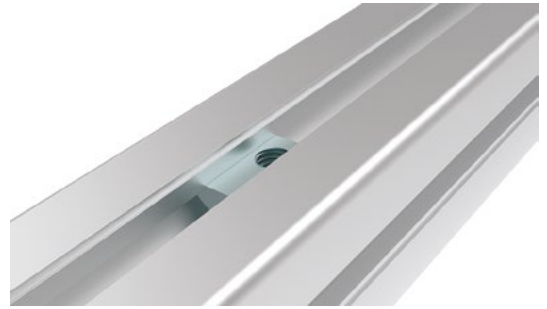
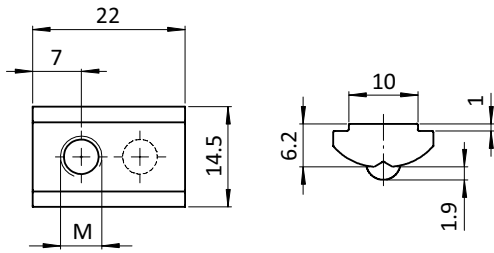
<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	Roll-in double T-slot nut, incl. 1 hexagon socket set screw for shake-proof fixation in all positions
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET</b>	1 roll-in double T-slot nut 14.0 x 5.2 mm 1 hexagon socket set screw DIN 916 - M5 x 30
<b>PACK QUANTITY</b>	100 pieces



A [mm]	L [mm]	Size	Weight [g]	Profile	Part #
14.0	30.0	M5	13.0	B	<a href="#">096160S03</a>

**ROLL-IN T-SLOT NUT 14.5 X 6.2 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 10, self-aligning with spring loaded ball, Steel / stainless steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel / stainless steel SS304 / SS303
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

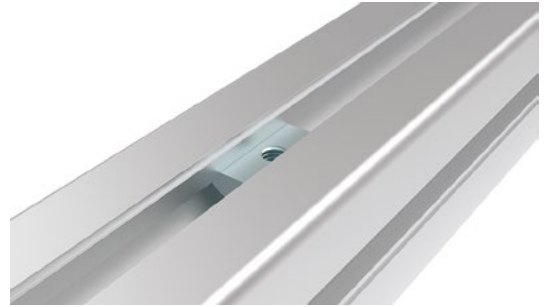
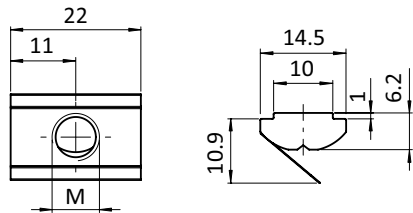


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	Material	Size	Weight [g]	Part #
	Steel	M4	11.8	<a href="#">096124</a>
		M5	11.4	<a href="#">096125</a>
		M6	11.1	<a href="#">096126</a>
		M8	10.1	<a href="#">096128</a>
	Stainless steel	M4	11.8	<a href="#">096124E</a>
		M5	11.4	<a href="#">096125E</a>
		M6	11.1	<a href="#">096126E</a>
		M8	10.1	<a href="#">096128E</a>

**ROLL-IN T-SLOT NUT 14.5 X 6.2 MM WITH SPRING LEAF**

<b>MODEL</b>	Slot 10, self-aligning with spring leaf
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring leaf
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

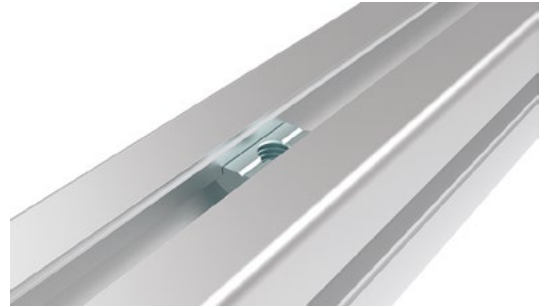
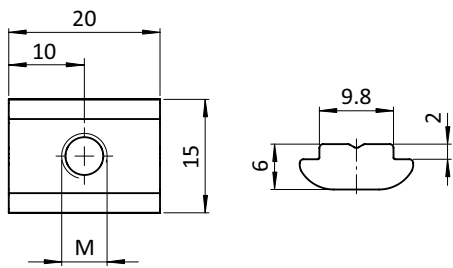


	Size	Weight [g]	Part #
	M5	11.2	<a href="#">096125F</a>
	M6	10.0	<a href="#">096126F</a>
	M8	9.8	<a href="#">096128F</a>



**ROLL-IN T-SLOT NUT 15.0 X 6.0 MM**

<b>MODEL</b>	Slot 10, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request
<b>TIP</b>	Compatible Spring see 096FN08

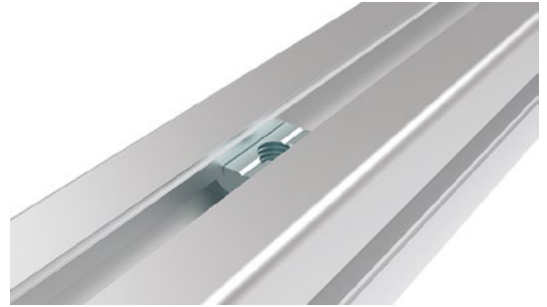
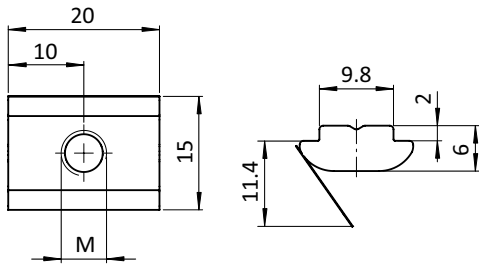


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	Size	Weight [g]	Profile	Part #
	M3	13.0	B	<a href="#">096083</a>
	M5	13.0	B	<a href="#">096085</a>
	M6	12	B	<a href="#">096086</a>
	M8	11.0	B	<a href="#">096088</a>

**ROLL-IN T-SLOT NUT 15.0 X 6.0 MM WITH SPRING LEAF**

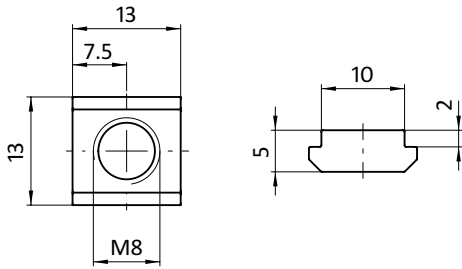
<b>MODEL</b>	Slot 10, Self-aligning with Spring Leaf, Steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring leaf
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



	Size	Weight [g]	Profile	Part #
	M4	10.6	B	<a href="#">096084F</a>
	M5	13.0	B	<a href="#">096085F</a>
	M6	12	B	<a href="#">096086F</a>
	M8	11.0	B	<a href="#">096088F</a>

**T-SLOT NUT 13.0 X 5.0 MM**

<b>MODEL</b>	Slot 10, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

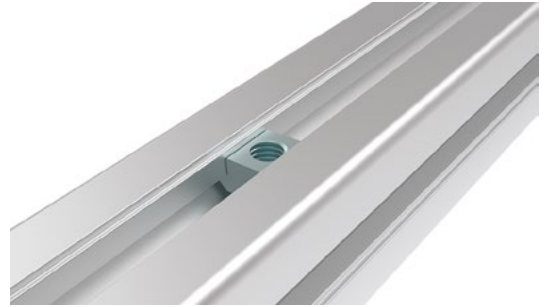
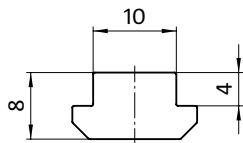
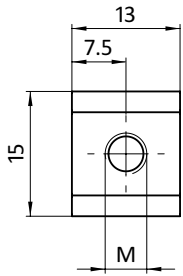


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Size	Weight [g]	Part #
M8	4.5	096348

**T-SLOT NUT 15.0 X 8.0 MM**

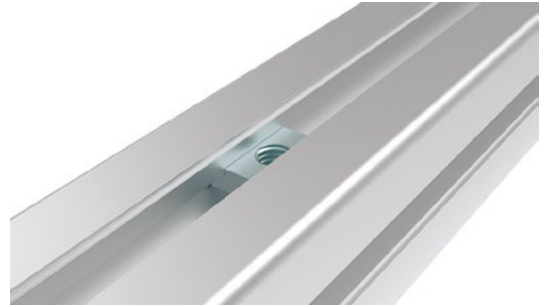
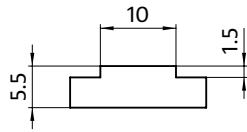
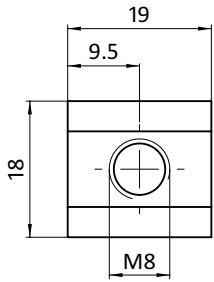
<b>MODEL</b>	Slot 10, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



	Size	Weight [g]	Part #
	M5	9.0	<a href="#">096355</a>
	M6	8.5	<a href="#">096356</a>
	M8	7.5	<a href="#">096358</a>

**T-SLOT NUT 18.0 X 5.5 MM**

<b>MODEL</b>	Slot 10, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

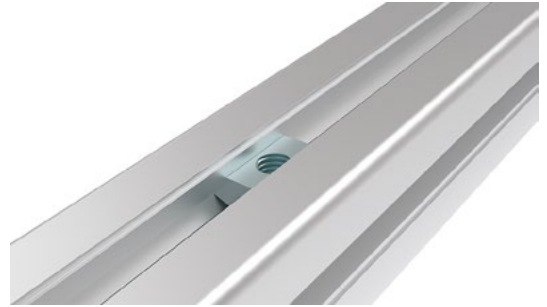
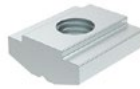
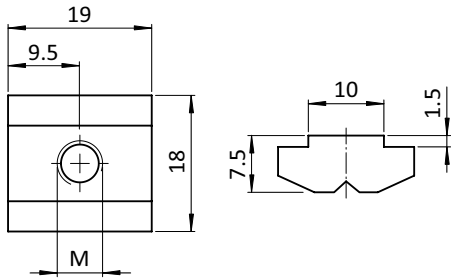


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Size	Weight [g]	Part #
M8	11.5	096928

**T-SLOT NUT 18.0 X 7.5 MM**

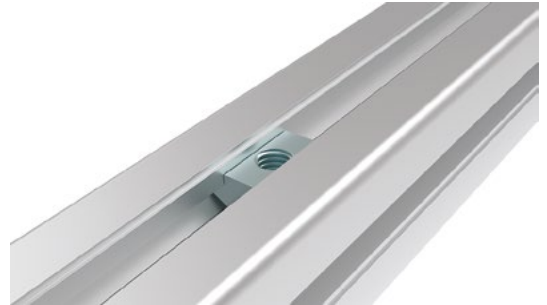
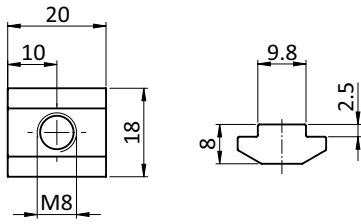
<b>MODEL</b>	Slot 10, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



	Size	Weight [g]	Part #
	M4	16.5	<a href="#">096134</a>
	M5	15.9	<a href="#">096135</a>
	M6	15.4	<a href="#">096136</a>
	M8	14.3	<a href="#">096138</a>

**T-SLOT NUT 18.0 X 8.0 MM**

<b>MODEL</b>	Slot 10, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request

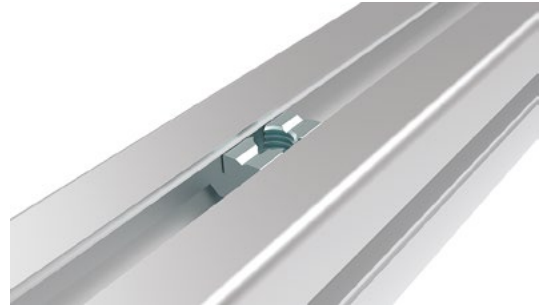
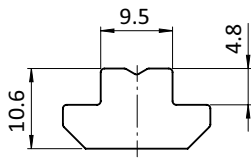
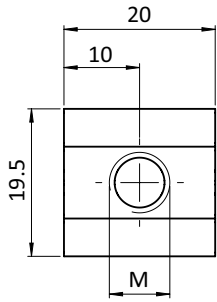


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Size	Weight [g]	Part #
M8	13.7	<a href="#">096448</a>

**T-SLOT NUT 19.5 X 10.6 MM, STEP HEIGHT 4.8 MM**

<b>MODEL</b>	Slot 10, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

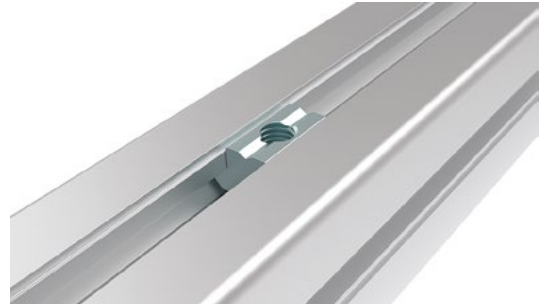
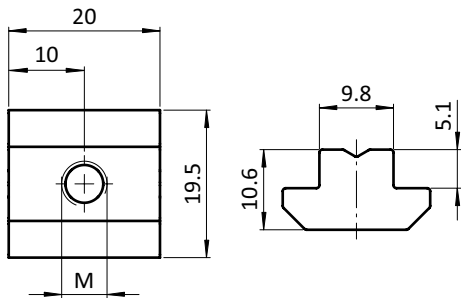


Size	Weight [g]	Part #
M8	18.6	096538
M10	16.6	0965310



**T-SLOT NUT 19.5 X 10.6 MM, STEP HEIGHT 5.1 MM**

<b>MODEL</b>	Slot 10, Self-aligning, Steel / Stainless Steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel / stainless steel SS304 / SS303
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request
<b>TIP</b>	Compatible Spring see 096FN08

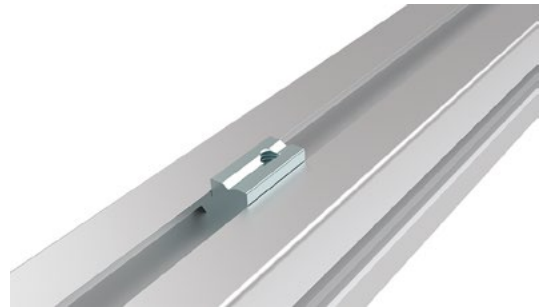
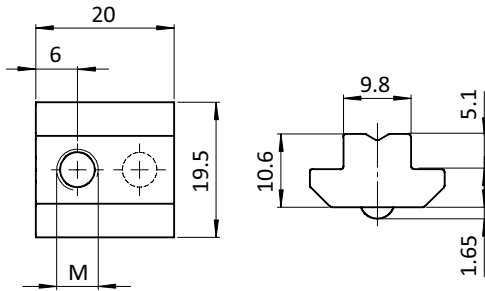


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Material	Size	Weight [g]	Profile	Part #
Steel	M4	21.5	B	<a href="#">096034</a>
	M5	20.9	B	<a href="#">096035</a>
	M6	20.3	B	<a href="#">096036</a>
	M8	18.6	B	<a href="#">096038</a>
Stainless steel	M6	20.4	B	<a href="#">096036E</a>
	M8	19.5	B	<a href="#">096038E</a>

**T-SLOT NUT 19.5 X 10.6 MM, STEP HEIGHT 4.3 MM, WITH SPRING LOADED BALL**

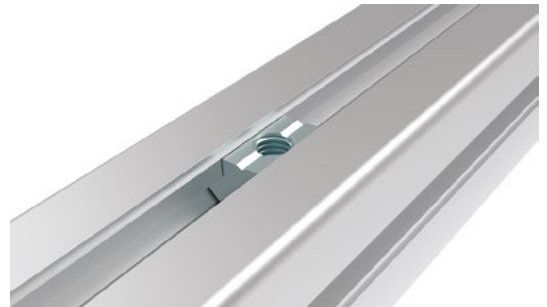
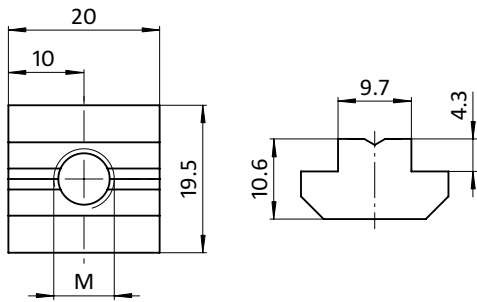
<b>MODEL</b>	Slot 10, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request



Size	Weight [g]	Profile	Part #
M4	21.5	B	<a href="#">096030S06</a>
M5	20.9	B	<a href="#">096030S07</a>
M6	20.0	B	<a href="#">096030S08</a>
M8	18.6	B	<a href="#">096030S09</a>

**T-SLOT NUT 19.5 X 10.6 MM, STEP HEIGHT 4.3 MM**

<b>MODEL</b>	Slot 10, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request

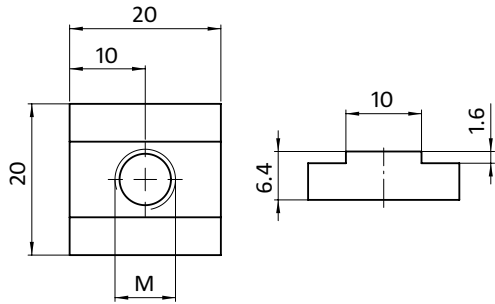


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	Size	Weight [g]	Part #
	M5	22.0	<a href="#">096395</a>
	M6	20.4	<a href="#">096396</a>
	M8	20.0	<a href="#">096398</a>

**T-SLOT NUT 20.0 X 6.4 MM**

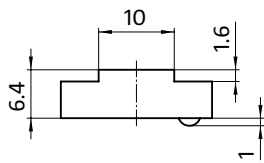
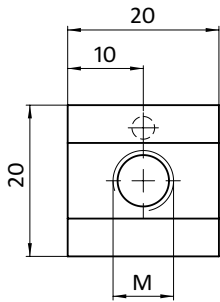
<b>MODEL</b>	Slot 10, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



	Size	Weight [g]	Part #
	M5	17.0	<a href="#">096930S06</a>
	M6	16.5	<a href="#">096930S07</a>
	M8	15.5	<a href="#">096930S08</a>

**T-SLOT NUT 20.0 X 6.4 MM, WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 10, self-aligning with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request

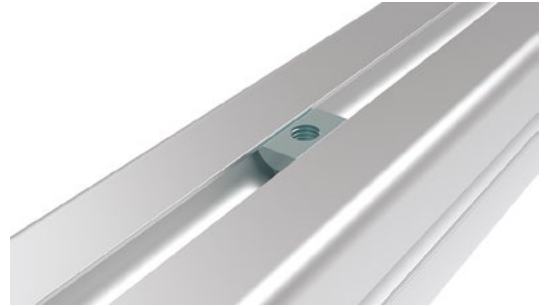
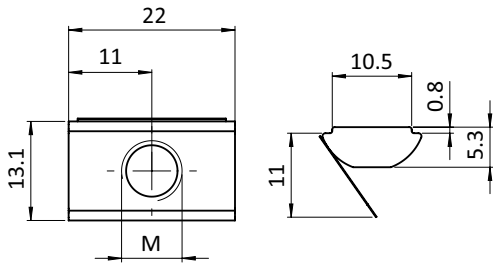


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	Size	Weight [g]	Part #
	M4	17.0	<a href="#">096930S02</a>
	M5	17.0	<a href="#">096930S03</a>
	M6	16.5	<a href="#">096930S04</a>
	M8	15.5	<a href="#">096930S05</a>

**ROLL-IN T-SLOT NUT 13.1 X 5.3 MM WITH SPRING LEAF**

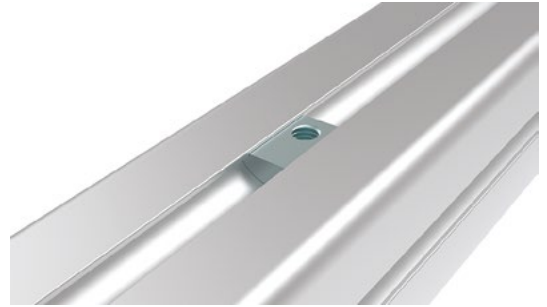
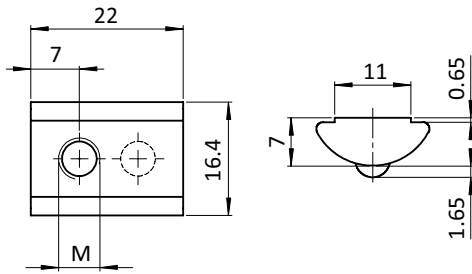
<b>MODEL</b>	Slot 11, self-aligning with spring leaf, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring leaf
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request



	Size	Weight [g]	Part #
	M4	9.0	096144F
	M5	8.8	096145F
	M6	8.5	096146F
	M8	7.8	096148F

**ROLL-IN T-SLOT NUT 16.4 X 7.0 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 11, self-aligning, with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nutwith spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

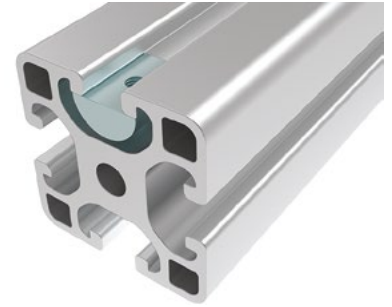
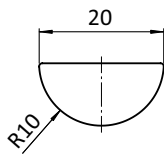
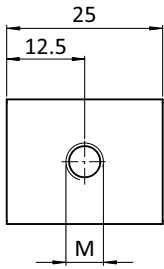


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	Size	Weight [g]	Part #
	M4	13.6	096074
	M5	13.2	096075
	M6	13.1	096076
	M8	12.1	096078

**ROLL-IN T-SLOT NUT 20.0 X 10.0 MM**

<b>MODEL</b>	Slot 12, Steel
<b>DESCRIPTION</b>	Roll-in T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

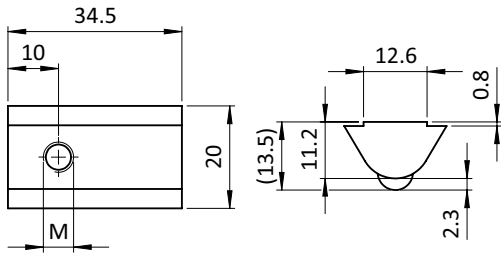


Size	Weight [g]	Profile	Part #
M6	28.6	I	<a href="#">096176</a>
M8	27.2	I	<a href="#">096178</a>



**ROLL-IN T-SLOT NUT 20.3 X 11.2 MM WITH SPRING LOADED BALL**

<b>MODEL</b>	Slot 12, self-aligning, with spring loaded ball, steel
<b>DESCRIPTION</b>	Self-aligning roll-in T-slot nut with spring loaded ball
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, different lengths with multiple threads in different sizes available on request

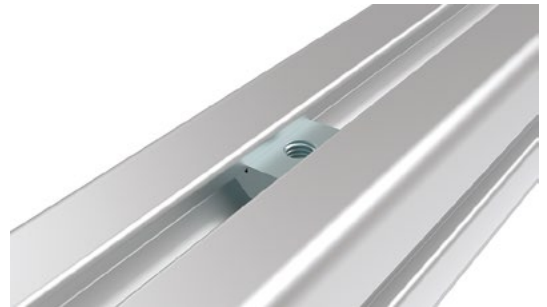
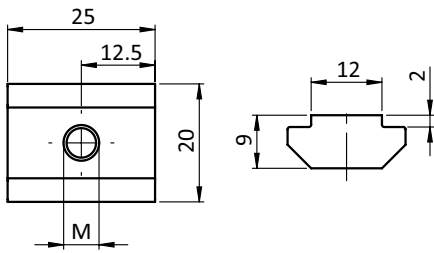


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	Size	Weight [g]	Profile	Part #
	M6	36.0	I	<a href="#">096986</a>
	M8	35.0	I	<a href="#">096988</a>
	M10	33.0	I	<a href="#">0969810</a>
	M12	30.0	I	<a href="#">0969812</a>

**T-SLOT NUT 20.0 X 9.0 MM**

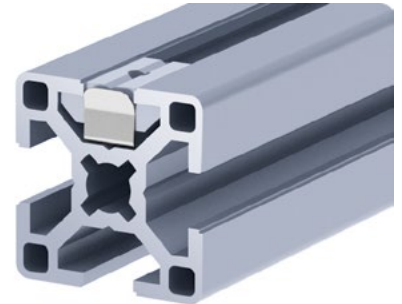
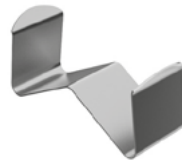
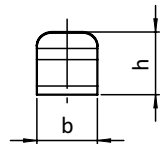
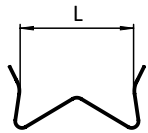
<b>MODEL</b>	Slot 12, self-aligning, steel
<b>DESCRIPTION</b>	Self-aligning T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Nickel-plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request



	Size	Weight [g]	Part #
	M6	26.0	<a href="#">096676S01</a>
	M8	25.0	<a href="#">096678S02</a>
	M10	24.0	<a href="#">0966710S01</a>

**SPRING FOR T-SLOT NUT**

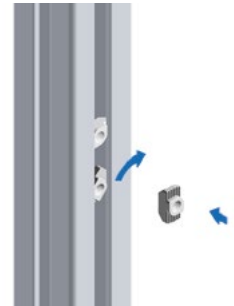
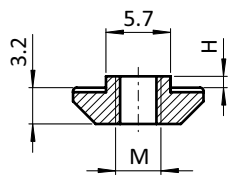
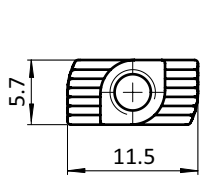
<b>MODEL</b>	Slot 8 + 10
<b>DESCRIPTION</b>	Spring leaf as mounting and positioning aid, for T-slot nuts and roll-in T-slot nuts
<b>MATERIAL</b>	Spring steel SS301
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	100 pieces



b [mm]	Slot	for T-Slot Nut L [mm]	h [mm]	Weight [g]	Profile	Part #
7.8	8	15.0	8.3	0.5	B	096FN08
7.8	10	20.0	10.0	0.5	B	096FN10

**HAMMER NUT SLOT 6**

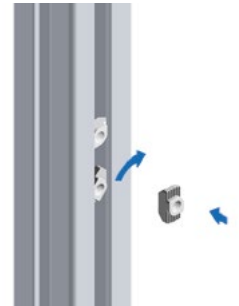
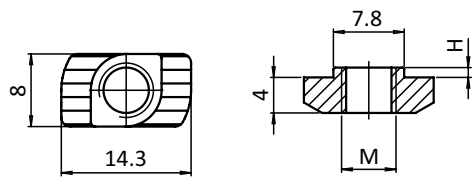
<b>MODEL</b>	Slot 6, steel / stainless steel
<b>DESCRIPTION</b>	To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, ESD electrostatic discharging connection
<b>MATERIAL</b>	Steel / stainless steel SS304
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Turning help: Dented thread, thread pitch error or polyamide thread locking dot on request Surface: With dry film lubrication, zinc-nickel plated or with zinc lamellar plating on request



Material	H [mm]	Size	Weight [g]	Profile	Part #
Steel	1.0	M4	1.0	B	<a href="#">096H06410</a>
Stainless steel	1.0	M4	1.2	B	<a href="#">096H06410E</a>

**HAMMER NUT SLOT 8, STEP HEIGHT 1.0 MM**

<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, ESD electrostatic discharging connection
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Turning help: Thread pitch error or polyamide thread locking dot on request Surface: Zinc-nickel plated or with zinc lamellar plating on request

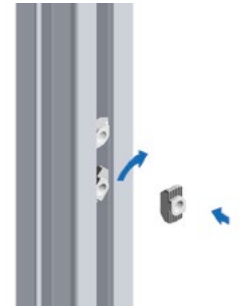
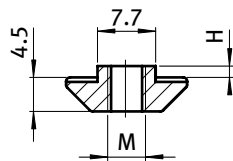
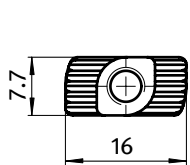


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H [mm]	Size	Weight [g]	Part #
1.0	M6	2.2	<a href="#">096H08610</a>

**HAMMER NUT SLOT 8, STEP HEIGHT 1.5/3.0 MM**

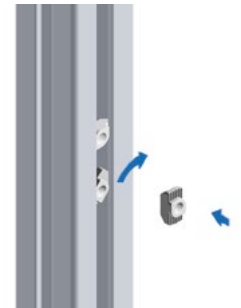
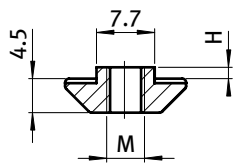
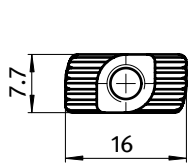
<b>MODEL</b>	Slot 8, steel / stainless steel
<b>DESCRIPTION</b>	To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, ESD electrostatic discharging connection
<b>MATERIAL</b>	Steel / stainless steel SS304
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Turning help: Dented thread, thread pitch error or polyamide thread locking dot on request Surface: With dry film lubrication, zinc-nickel plated or with zinc lamellar plating on request



	Material	H [mm]	Size	Weight [g]	Profile	Part #
	Steel	1.5	M4	3.8	B	<a href="#">096H08415</a>
		1.5	M5	3.1	B	<a href="#">096H08515</a>
		1.5	M6	3.0	B	<a href="#">096H08615</a>
		1.5	10-32 UNF	3.0	B	<a href="#">096H0810-3215</a>
		1.5	1/4-20 UNC	2.9	B	<a href="#">096H081/415</a>
	Stainless steel	3.0	M4	4.5	I	<a href="#">096H08430</a>
		3.0	M5	3.5	I	<a href="#">096H08530</a>
		3.0	M6	3.3	I	<a href="#">096H08630</a>
		3.0	1/4-20 UNC	3.3	I	<a href="#">096H081/430</a>
Stainless steel	1.5	M6	3.1	B	<a href="#">096H08615E</a>	
	1.5	1/4-20 UNC	2.9	B	<a href="#">096H081/415E</a>	

**HAMMER NUT SLOT 8 WITH TURNING HELP, STEP HEIGHT 1.5/3.0 MM**

<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, ESD electrostatic discharging connection; with turning help: plastic thread locking dot
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces

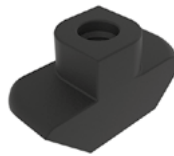
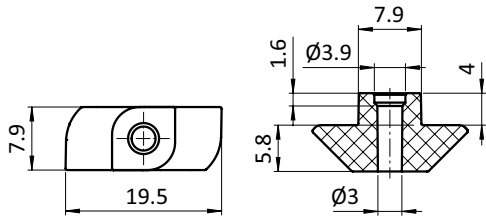


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H [mm]	Size	Weight [g]	Profile	Part #
1.5	M4	3.8	B	<a href="#">096H08415S20</a>
1.5	M5	3.6	B	<a href="#">096H08515S20</a>
1.5	M6	3.0	B	<a href="#">096H08615S20</a>
3.0	M5	3.5	I	<a href="#">096H08530S20</a>
3.0	M6	3.3	I	<a href="#">096H08630S20</a>

**HAMMER NUT PA SLOT 8**

<b>MODEL</b>	Slot 8, plastic PA
<b>DESCRIPTION</b>	To fasten components to profiles; Thread being formed when a thread-cutting screw is turned into the plastic core hole, only suitable for low loads
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces

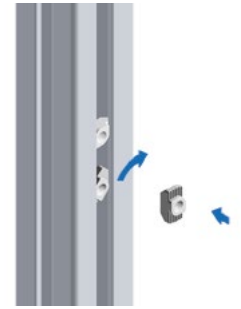
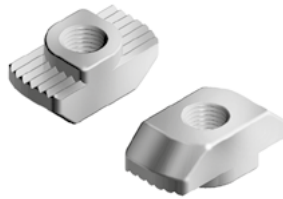
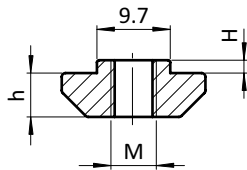
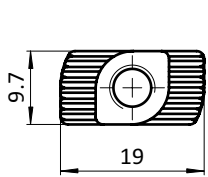


Weight [g]	Profile	Part #
1.0	I	<a href="#">096H08440K</a>



**HAMMER NUT SLOT 10**

<b>MODEL</b>	Slot 10, steel / stainless steel
<b>DESCRIPTION</b>	To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, ESD electrostatic discharging connection
<b>MATERIAL</b>	Steel / stainless steel
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Turning help: Dented thread, thread pitch error or polyamide thread locking dot on request Surface: Zinc-nickel plated or with zinc lamellar plating on request

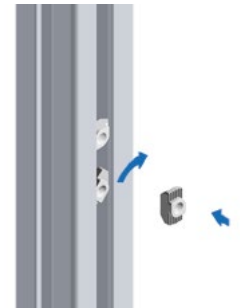
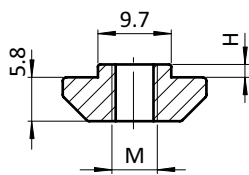
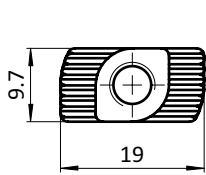


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Material	H [mm]	Size	h [mm]	Weight [g]	Profile	Part #
Steel	1.3	M4	5.0	4.7		096H10413S02
	1.3	M5	5.0	4.7		096H10513S02
	1.3	M6	5.0	4.7		096H10613S02
	1.3	M8	5.0	4.7		096H10813S02
	1.5	M5	5.8	6.7		096H10517
	1.5	M6	5.8	6.2		096H10617
	1.5	M8	5.8	5.1		096H10817
	3.0	M4	5.8	7.9	B	096H10430
	3.0	M5	5.8	7.7	B	096H10530
	3.0	M6	5.8	7.2	B	096H10630
	3.0	M8	5.8	6.1	B	096H10830
	3.0	10-32 UNF	5.8	7.6	B	096H1010-3230
	3.0	1/4-20 UNC	5.8	6.8	B	096H101/430
	3.0	5/16-18 UNC	5.8	6.2	B	096H105/1630
Stainless steel	3.0	M6	5.8	7.3	B	096H10630E
	3.0	M8	5.8	6.1	B	096H10830E
	3.0	1/4-20 UNC	5.8	7.3	B	096H101/430E
	3.0	5/16-18 UNC	5.8	6.2	B	096H105/1630E
	3.0	M6	5.8	7.3		096H10630ES03
	3.0	M8	5.8	6.3		096H10830ES03

**HAMMER NUT SLOT 10 WITH TURNING HELP**

<b>MODEL</b>	Slot 10, steel
<b>DESCRIPTION</b>	To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, ESD electrostatic discharging connection; with turning help: plastic thread locking dot
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



	H [mm]	Size	Weight [g]	Profile	Part #
	1.5	M5	6.7	B	<a href="#">096H10517S20</a>
	1.5	M6	6.2	B	<a href="#">096H10617S20</a>
	1.5	M8	5.2	B	<a href="#">096H10817S20</a>
	3.0	M4	7.9	B	<a href="#">096H10430S20</a>
	3.0	M5	7.8	B	<a href="#">096H10530S20</a>
	3.0	M6	7.4	B	<a href="#">096H10630S20</a>
	3.0	M8	5.8	B	<a href="#">096H10830S20</a>

**HAMMER HEAD SCREW SLOT 8**

<b>MODEL</b>	Slot 8, steel / stainless steel
<b>DESCRIPTION</b>	To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, electrically ESD conductive connection
<b>MATERIAL</b>	Steel / stainless steel SS304
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Turning help: Polyamide thread locking dot on request Surface: With dry film lubrication, zinc-nickel plated or with zinc lamellar plating on request
<b>TIP</b>	Compatible flange nut see 340ME154 * Made of hammer nut SS316 with glued threaded rod SS304



3

Material	H [mm]	Size M x L [mm]	h [mm]	Weight [g]	Profile	Part #
Steel	1.5	M6 x 16	4.7	5.3	B	<a href="#">096HK0815M0616</a>
	1.5	M6 x 20	4.7	6.2	B	<a href="#">096HK0815M0620</a>
	1.5	M6 x 25	4.7	7.0	B	<a href="#">096HK0815M0625</a>
	1.5	*M6 x 30	4.7	8.6	B	<a href="#">096HK0815M0630</a>
	1.5	*M6 x 40	4.7	10.4	B	<a href="#">096HK0815M0640</a>
	1.5	M6 x 60	4.7	13.4	B	<a href="#">096HK0815M0660</a>
	1.5	M8 x 20	4.7	9.0	B	<a href="#">096HK0815M0820</a>
	1.5	M8 x 25	4.7	10.6	B	<a href="#">096HK0815M0825</a>
	1.5	M8 x 30	4.7	12.1	B	<a href="#">096HK0815M0830</a>
	3.0	M6 x 20	4.7	5.6	I	<a href="#">096HK0830M0620</a>
	3.0	M6 x 25	4.7	6.4	I	<a href="#">096HK0830M0625</a>
	3.0	*M6 x 30	4.7	8.0	I	<a href="#">096HK0830M0630</a>
	3.0	*M6 x 40	4.7	9.8	I	<a href="#">096HK0830M0640</a>
	3.0	*M6 x 60	4.7	12.8	I	<a href="#">096HK0830M0660</a>
	3.0	M8 x 20	4.7	9.0	I	<a href="#">096HK0830M0820</a>
	3.0	M8 x 25	4.7	10.6	I	<a href="#">096HK0830M0825</a>
	3.0	M8 x 30	4.7	12.1	I	<a href="#">096HK0830M0830</a>
	3.0	M8 x 40	4.7	20.5	I	<a href="#">096HK0830M0840</a>
Stainless steel	1.5	*M6 x 20	4.7	7.6	B	<a href="#">096HK0815M0620E</a>
	1.5	*M6 x 25	4.7	8.4	B	<a href="#">096HK0815M0625E</a>
	1.5	*M6 x 30	4.7	9.4	B	<a href="#">096HK0815M0630E</a>
	1.5	*M6 x 40	4.7	11.2	B	<a href="#">096HK0815M0640E</a>
	1.5	*M6 x 60	4.7	14.4	B	<a href="#">096HK0815M0660E</a>

**HAMMER HEAD SCREW SLOT 10**

<b>MODEL</b>	Slot 10, steel / stainless steel
<b>DESCRIPTION</b>	To fasten components to profiles, breaks the anodized coat of the profile - thus ensuring a safe, electrically ESD conductive connection
<b>MATERIAL</b>	Steel / stainless steel SS316
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Turning help: Polyamide thread locking dot on request Surface: With dry film lubrication, zinc-nickel plated or with zinc lamellar plating on request
<b>TIP</b>	Compatible Flange Nut see 340ME154 * Made of hammer nut with glued threaded rod



Material	B [mm]	H [mm]	Size M x L [mm]	h [mm]	Weight [g]	Profile	Part #
Steel	9.7	1.5	*M6 x 20	5.8	10.2		<a href="#">096HK1015M0620</a>
	9.7	1.5	*M6 x 25	5.8	11.0		<a href="#">096HK1015M0625</a>
	9.7	1.5	*M6 x 30	5.8	11.8		<a href="#">096HK1015M0630</a>
	9.7	1.5	*M6 x 40	5.8	13.4		<a href="#">096HK1015M0640</a>
	9.7	1.5	*M6 x 60	5.8	16.6		<a href="#">096HK1015M0660</a>
	7.9	1.5	M8 x 20	5.8	12.7		<a href="#">096HK1015M0820</a>
	7.9	1.5	M8 x 25	5.8	14.2		<a href="#">096HK1015M0825</a>
	9.7	1.5	*M8 x 30	5.8	15.7		<a href="#">096HK1015M0830</a>
	9.7	1.5	*M8 x 40	5.8	18.8		<a href="#">096HK1015M0840</a>
	9.7	1.5	*M8 x 60	5.8	24.9		<a href="#">096HK1015M0860</a>
	9.7	3.0	*M6 x 20	5.8	11.2	B	<a href="#">096HK1030M0620</a>
	9.7	3.0	*M6 x 25	5.8	12	B	<a href="#">096HK1030M0625</a>
	9.7	3.0	*M6 x 30	5.8	12.8	B	<a href="#">096HK1030M0630</a>
	9.7	3.0	*M6 x 40	5.8	14.4	B	<a href="#">096HK1030M0640</a>
	9.7	3.0	*M6 x 60	5.8	17.6	B	<a href="#">096HK1030M0660</a>
	8.5	3.0	M8 x 20	5.8	13.3	B	<a href="#">096HK1030M0820</a>
	8.5	3.0	M8 x 25	5.8	14.8	B	<a href="#">096HK1030M0825</a>
	8.5	3.0	M8 x 30	5.8	16.3	B	<a href="#">096HK1030M0830</a>
	8.5	3.0	M8 x 40	5.8	19.4	B	<a href="#">096HK1030M0840</a>
	8.5	3.0	M8 x 60	5.8	25.5	B	<a href="#">096HK1030M0860</a>
	8.5	4.5	M8 x 20	5.8	14.2	B	<a href="#">096HK1045M0820</a>
	8.5	4.5	M8 x 25	5.8	14.4	B	<a href="#">096HK1045M0825</a>
	8.5	4.5	M8 x 30	5.8	14.6	B	<a href="#">096HK1045M0830</a>

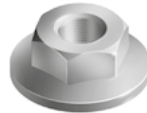
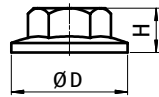
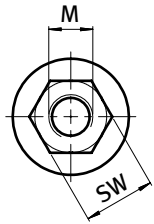


HAMMER HEAD SCREW SLOT 10

Material	B [mm]	H [mm]	Size M x L [mm]	h [mm]	Weight [g]	Profile	Part #
Stainless steel	8.5	3.0	M6 x 20	5.8	11.3	B	<a href="#">096HK1030M0620E</a>
	8.5	3.0	M6 x 25	5.8	12.1	B	<a href="#">096HK1030M0625E</a>
	8.5	3.0	M6 x 30	5.8	13.1	B	<a href="#">096HK1030M0630E</a>
	8.5	3.0	*M8 x 20	5.8	13.5	B	<a href="#">096HK1030M0820E</a>
	8.5	3.0	*M8 x 25	5.8	15.2	B	<a href="#">096HK1030M0825E</a>
	8.5	3.0	M8 x 30	5.8	16.7	B	<a href="#">096HK1030M0830E</a>
	8.5	3.0	M8 x 40	5.8	19.9	B	<a href="#">096HK1030M0840E</a>
	8.5	3.0	M8 x 60	5.8	26.3	B	<a href="#">096HK1030M0860E</a>

**FLANGE NUT**

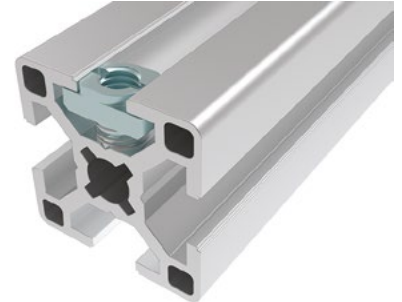
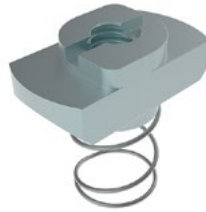
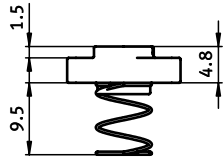
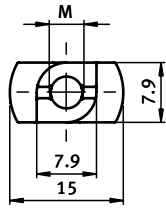
<b>MODEL</b>	Steel / stainless steel
<b>DESCRIPTION</b>	To be used in conjunction with a hammer head screw
<b>MATERIAL</b>	Steel / stainless steel
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces



Material	D [mm]	H [mm]	SW [mm]	M	Weight [g]	Part #
Steel	14.0	6.0	10	M6	3.0	<a href="#">4DIN6923M06M</a>
	21.6	7.9	13	M8	10.0	<a href="#">340ME154</a>
Stainless steel	14.0	6.0	10	M6	3.0	<a href="#">4DIN6923M06E</a>
	max.17.9	7.9	13	M8	6.0	<a href="#">4DIN6923M08ES02</a>

**SPRING NUT**

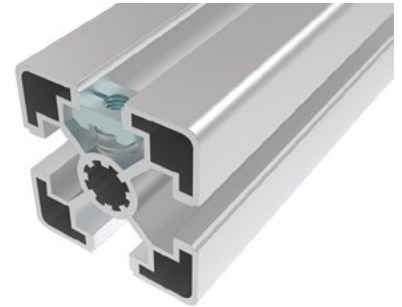
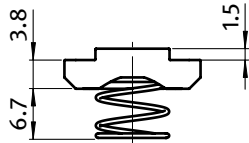
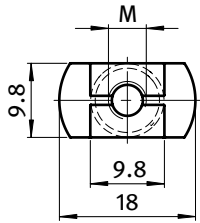
<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	To fasten components to profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



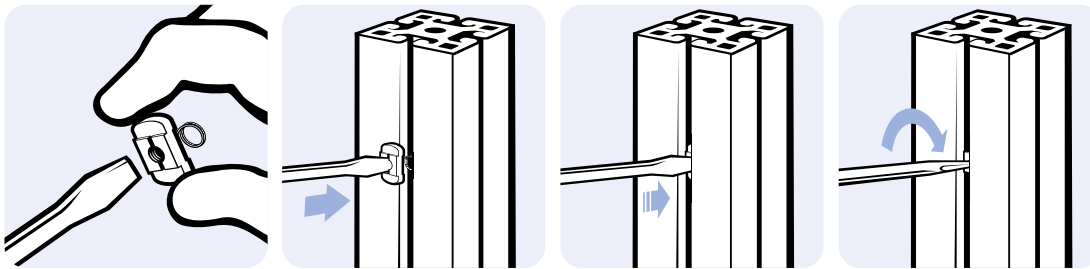
	Size	Weight [g]	Part #
	M4	4.0	096F0804
	M5	3.8	096F0805
	M6	3.6	096F0806

**SPRING NUT**

<b>MODEL</b>	Slot 10, steel
<b>DESCRIPTION</b>	To fasten components to profiles
<b>MATERIAL</b>	Nut: Zinc plated steel Spring: Steel
<b>SURFACE</b>	Nut: Zinc plated
<b>PACK QUANTITY</b>	100 pieces



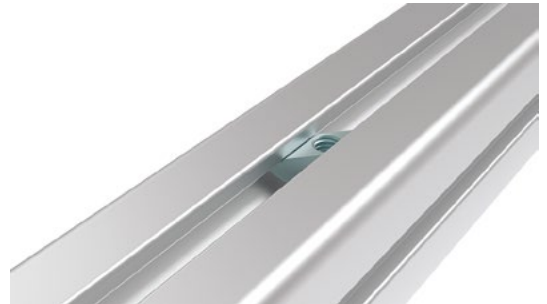
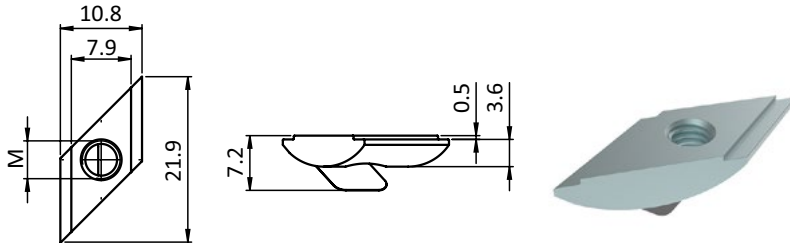
	Size	Weight [g]	Profile	Part #
	M4	5.0	B	<a href="#">096F1004</a>
	M5	4.2	B	<a href="#">096F1005</a>
	M6	4.1	B	<a href="#">096F1006</a>
	M8	3.9	B	<a href="#">096F1008</a>





**RHOMBUS T-SLOT NUT 10.8 X 3.6 MM WITH SPRING LEAF**

<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	To fasten components to profiles, locks by turning into the slot; self-aligning, with spring leaf
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



	Size	Weight [g]	Part #
	M4	2.6	096R424F
	M5	2.3	096R425F
	M6	2.0	096R426F

**RHOMBUS T-SLOT NUT 12.5 X 6.0 MM WITH SPRING LEAF**

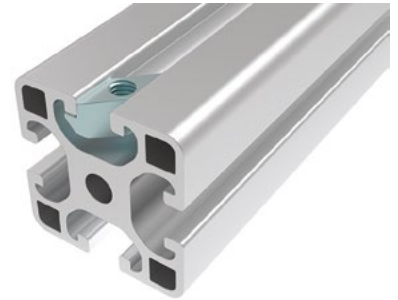
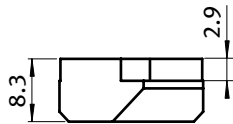
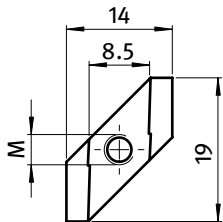
<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	Self-aligning turn-in T-slot nut with spring leaf
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other sizes on request



	Size	Weight [g]	Part #
	M4	4.8	<a href="#">096R404F</a>
	M5	4.4	<a href="#">096R405F</a>
	M6	4.0	<a href="#">096R406F</a>

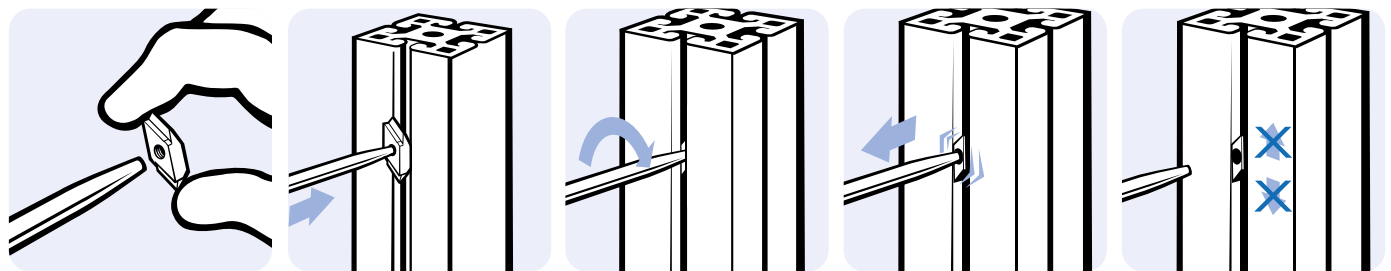
**RHOMBUS NUT WITH LOCKING**

<b>MODEL</b>	Slot 8, zinc die-cast
<b>DESCRIPTION</b>	To fasten components to profiles, locks by turning into the slot
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	100 pieces



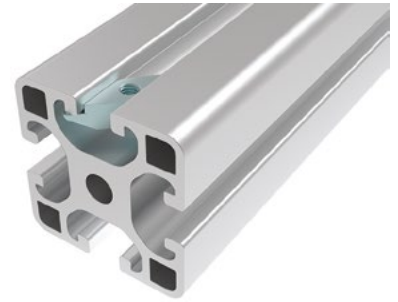
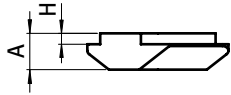
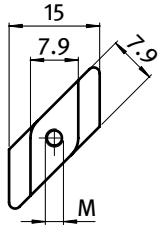
Size	Weight [g]	Profile	Part #
M3	5.2	I	096R080329Z
M4	5.0	I	096R080429Z
M5	4.8	I	096R080529Z
M6	4.6	I	096R080629Z

3



**RHOMBUS NUT**

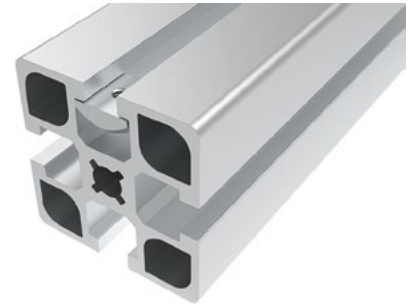
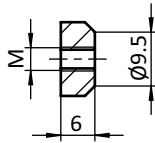
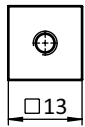
<b>MODEL</b>	Slot 8, zinc die-cast
<b>DESCRIPTION</b>	To fasten components to profiles, easy to insert, remains mobile in the slot
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	100 pieces



	A [mm]	H [mm]	Size	Weight [g]	Profile	Part #
	6.0	1.8	M3	4.1	B	<a href="#">096R080318Z</a>
	6.0	1.8	M4	4.0	B	<a href="#">096R080418Z</a>
	6.0	1.8	M5	3.9	B	<a href="#">096R080518Z</a>
	7.7	3.0	M3	5.1	I	<a href="#">096R080330Z</a>
	7.7	3.0	M4	5.0	I	<a href="#">096R080430Z</a>
	7.7	3.0	M5	4.9	I	<a href="#">096R080530Z</a>

**ROLL-IN SLOT NUT 13.0 X 13.0 X 6.0 MM**

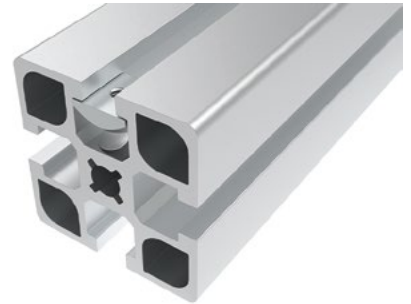
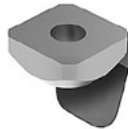
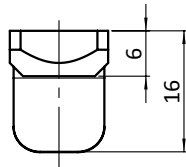
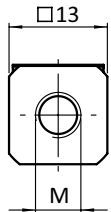
<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	Roll-in slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



	Thread	Weight [g]	Part #
	M4	6.1	<a href="#">096P0131306M4</a>
	M5	5.8	<a href="#">096P0131306M5</a>
	M6	5.6	<a href="#">096P0131306M6</a>
	M8	5.0	<a href="#">096P0131306M8</a>

**ROLL-IN SLOT NUT 13.0 X 13.0 X 6.0 MM WITH SPRING LEAF**

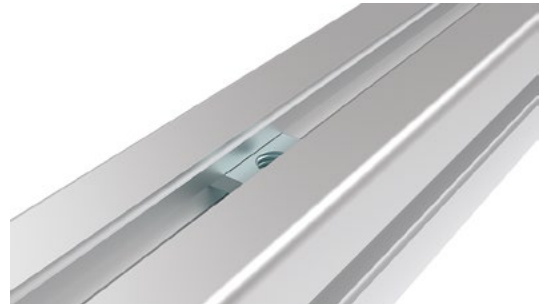
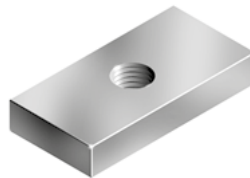
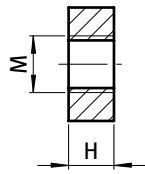
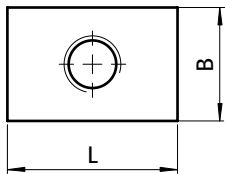
<b>MODEL</b>	Slot 8, with Spring Leaf, Steel
<b>DESCRIPTION</b>	Roll-in slot nut with spring leaf
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



	Thread	Weight [g]	Part #
	M4	6.6	<a href="#">096P0131306M4F</a>
	M5	6.3	<a href="#">096P0131306M5F</a>
	M6	6.1	<a href="#">096P0131306M6F</a>
	M8	5.4	<a href="#">096P0131306M8F</a>

THREADED PLATE

<b>MODEL</b>	Customized dimensions, one or several threads
<b>DESCRIPTION</b>	To fasten components with a screw
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



3

Thread	Dimensions L x B x H [mm]	Weight [g]	Profile	Part #
M4	9 x 9 x 3	1.5		096P0090903M4
M5	9 x 9 x 3	1.2		096P0090903M5
M6	9 x 9 x 3	1.1		096P0090903M6
M4	14 x 9 x 2.5	2.2		096P01409025M4
M5	14 x 9 x 2.5	2.1		096P01409025M5
M4	14 x 12 x 3	4.0		096P0141203M4
M5	14 x 12 x 3	3.0		096P0141203M5
M6	14 x 12 x 3	3.0		096P0141203M6
M4	15 x 10 x 4	4.1		096P0151004M4
M5	15 x 10 x 4	3.6		096P0151004M5
M6	15 x 10 x 4	3.5		096P0151004M6
M6	15 x 10 x 5	4.8		096P0151005M6
M4	19 x 16 x 4	8.5	I	096P0191604M4
M5	19 x 16 x 4	8.3	I	096P0191604M5
M6	19 x 16 x 4	8.1	I	096P0191604M6
M8	19 x 16 x 4	7.6	I	096P0191604M8
M4	19 x 19 x 4	10.0		096P0191904M4
M5	19 x 19 x 4	10.2		096P0191904M5
M6	19 x 19 x 4	9.8		096P0191904M6
M8	19 x 19 x 4	9.1		096P0191904M8
M6	20 x 13 x 5	8.6		096P0201305M6
M8	20 x 13 x 5	7.8		096P0201305M8
M8	20 x 14 x 6	10.7		096P0201406M8
M8	20 x 18 x 6	13.9		096P0201806M8
M4	20 x 20 x 4	11.4	B	096P0202004M4
M5	20 x 20 x 4	11.3	B	096P0202004M5
M6	20 x 20 x 4	11.0	B	096P0202004M6
M5	20 x 20 x 6	16.5	B	096P0202006M5
M6	20 x 20 x 6	16.4	B	096P0202006M6
M8	20 x 20 x 6	16.5	B	096P0202006M8
M6	22 x 15 x 5	12.2		096P0221505M6



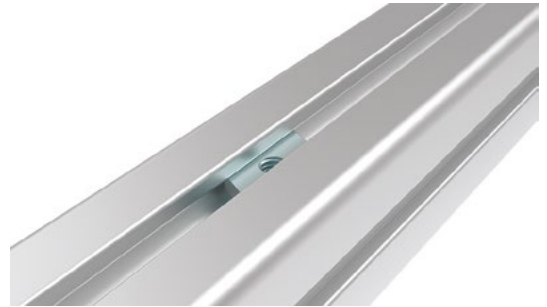
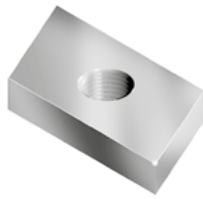
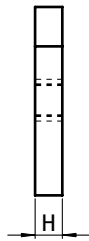
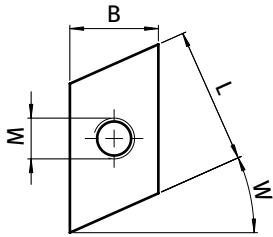
**THREADED PLATE**

Thread	Dimensions L x B x H [mm]	Weight [g]	Profile	Part #
M6	25 x 12 x 5	9.9		<a href="#">096P0251205M6</a>
M8	30 x 18 x 8	31.3		<a href="#">096P0301808M8</a>
M10	30 x 20 x 6	22.8		<a href="#">096P0302006M10</a>
M8	30 x 25 x 5	27.8		<a href="#">096P0302505M8</a>
M8	30 x 25 x 6	33.4		<a href="#">096P0302506M8</a>
M8	32 x 30 x 8	57.8		<a href="#">096P0323008M8</a>
M6	35 x 30 x 5	40.5		<a href="#">096P0353005M6</a>



**RHOMBUS THREADED PLATE**

<b>MODEL</b>	Customized dimensions
<b>DESCRIPTION</b>	To fasten components with a screw
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>DIMENSIONS</b>	L x B x H
<b>PACK QUANTITY</b>	100 pieces
<b>PRICE UNIT</b>	



3

Thread	Dimensions L x B x H [mm]	Opening Angle	Weight [g]	Part #
M8	19 x 13 x 5	30°	9.0	<a href="#">096PR0191305M8</a>
M6	20 x 13 x 4	24°	7.8	<a href="#">096PR0201304M6</a>
M8	23 x 15 x 6	30°	15.4	<a href="#">096PR0231506M8</a>

**STRADDLING NUT**

<b>MODEL</b>	Slot 10, PA
<b>DESCRIPTION</b>	To fasten components to profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces



Material	Size	N	Weight [g]	Profile	Part #
Plastic PA, glass fiber reinforced	M4	10	1.00	B	<a href="#">096SM10M04</a>
	M5	10	0.95	B	<a href="#">096SM10M05</a>
	M6	10	0.90	B	<a href="#">096SM10M06</a>

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**CONNECTING SYSTEMS 4**

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## CONNECTING SYSTEMS

	CONNECTION PLATE AL RECTANGULAR 2 HOLE, 1 SLOT VERSION	360		CONNECTION ANGLE AL 8 HOLE, 2 SLOTS VERSION	378
	CONNECTION PLATE AL RECTANGULAR 4 HOLE, 1 SLOT VERSION	361		ALU CONNECTION ANGLE 20	381
	CONNECTION PLATE AL QUADRANGULAR 4 HOLE, 1 SLOT VERSION	362		ALU CONNECTION ANGLE 20 X 40	382
	CONNECTION PLATE AL RECTANGULAR 8 HOLE, 2 SLOTS VERSION	363		ALU CONNECTION ANGLE 30	383
	CONNECTION PLATE AL L 5 HOLE, 1 SLOT VERSION	364		ALU CONNECTION ANGLE 30 X 60	385
	CONNECTION PLATE AL L 12 HOLE, 2 SLOTS VERSION	365		ALU CONNECTION ANGLE 40	386
	CONNECTION PLATE AL T 5 HOLE, 1 SLOT VERSION	366		ALU CONNECTION ANGLE 140 M (SET)	387
	CONNECTION PLATE AL T 12 HOLE, 2 SLOTS VERSION	367		ALU CONNECTION ANGLE 140 M LENGTH/ CROSS (SET)	388
	CONNECTION PLATE 140 M LENGTH/CROSS, RECTANGULAR 2 HOLE, 1 SLOT (SET)	368		ALU CONNECTION ANGLE 40 X 80	389
	CONNECTION PLATE 1120 M (SET)	369		ALU CONNECTION ANGLE 40 X 80 X 160 (SET)	390
	CONNECTION PLATE ST RECTANGULAR 2 HOLE, 1 SLOT VERSION	370		ALU CONNECTION ANGLE 140 X 80 M (SET)	391
	CONNECTION PLATE ST RECTANGULAR 3 HOLE, 1 SLOT VERSION	371		ALU CONNECTION ANGLE 45	392
	CONNECTION PLATE ST RECTANGULAR 4 HOLE, 1 SLOT VERSION	372		ALU CONNECTION ANGLE 45 T	393
	CONNECTION PLATE ST 100	373		ALU CONNECTION ANGLE B45 M LENGTH/ CROSS (SET)	394
	CONNECTION ANGLE AL 2 HOLE, 1 SLOT VERSION	374		ALU CONNECTION ANGLE 43 X 42	395
	GUSSETED CONNECTION ANGLE AL 2 HOLE, 1 SLOT VERSION	375		ALU CONNECTION ANGLE 45 X 90	396
	CONNECTION ANGLE AL 4 HOLE, 1 SLOT VERSION	376		ALU CONNECTION ANGLE 60	397
	CONNECTION ANGLE AL 4 HOLE, 2 SLOTS VERSION	377		ALU CONNECTION ANGLE 80	398





















	<b>ALU CONNECTION ANGLE 90</b>	<b>399</b>		<b>STEEL CONNECTION ANGLE 30 X 45</b>	<b>417</b>
	<b>ALU SUPPORT BRACKET 40 X 160</b>	<b>400</b>		<b>STEEL CONNECTION ANGLE 30 X 80</b>	<b>418</b>
	<b>ALU SUPPORT BRACKET 80 X 160</b>	<b>401</b>		<b>STEEL CONNECTION ANGLE 30 X 100 - 1 HOLE</b>	<b>419</b>
	<b>ALU SUPPORT BRACKET 80 X 180</b>	<b>402</b>		<b>STEEL CONNECTION ANGLE 30 X 100 - 3-HOLE</b>	<b>420</b>
	<b>ZINC CONNECTION ANGLE 20</b>	<b>403</b>		<b>STEEL CONNECTION ANGLE 45 X 100</b>	<b>421</b>
	<b>ZINC CONNECTION ANGLE 20 X 28</b>	<b>404</b>		<b>STEEL CONNECTION ANGLE 20</b>	<b>422</b>
	<b>ZINC CONNECTION ANGLE 30</b>	<b>405</b>		<b>STEEL CONNECTION ANGLE 30</b>	<b>423</b>
	<b>ZINC CONNECTION ANGLE 40 FLAT</b>	<b>406</b>		<b>STEEL CONNECTION ANGLE 40</b>	<b>424</b>
	<b>ZINC CONNECTION ANGLE 40</b>	<b>407</b>		<b>STEEL CONNECTION ANGLE 40 EH</b>	<b>425</b>
	<b>ZINC CONNECTION ANGLE I 40</b>	<b>408</b>		<b>3-WAY CONNECTION ANGLE I 20</b>	<b>426</b>
	<b>COVER CAP FOR ZINC CONNECTION ANGLE I 40</b>	<b>409</b>		<b>COVER CAP A 3-WAY CONNECTION ANGLE I 20</b>	<b>427</b>
	<b>ZINC CONNECTION ANGLE V 40 (SET)</b>	<b>410</b>		<b>COVER CAP B 3-WAY CONNECTION ANGLE I 20</b>	<b>428</b>
	<b>ZINC CONNECTION ANGLE 40 X 80 FLAT</b>	<b>411</b>		<b>3-WAY CONNECTION ANGLE B 20</b>	<b>429</b>
	<b>ZINC CONNECTION ANGLE I 40 X 80 FLAT (SET)</b>	<b>412</b>		<b>COVER CAP A FOR 3-WAY CONNECTION ANGLE B 20</b>	<b>430</b>
	<b>ZINC CONNECTION ANGLE 60</b>	<b>413</b>		<b>COVER CAP B FOR 3-WAY CONNECTION ANGLE B 20</b>	<b>431</b>
	<b>ZINC CONNECTION ANGLE 80 FLAT</b>	<b>414</b>		<b>3-WAY CONNECTION ANGLE I 30</b>	<b>432</b>
	<b>STEEL SUPPORT BRACKET 80 X 160</b>	<b>415</b>		<b>COVER CAP A 3-WAY CONNECTION ANGLE I 30</b>	<b>433</b>
	<b>ROLL-IN T-SLOT NUT FOR SUPPORT BRACKET 160</b>	<b>416</b>		<b>COVER CAP B 3-WAY CONNECTION ANGLE I 30</b>	<b>434</b>





































	COVER CAP C 3-WAY CONNECTION ANGLE I 30	435		CORNER CONNECTOR 40, 3D WITH CABLE PASSAGE (SET)	455
	3-WAY CONNECTION ANGLE B 30	436		CORNER CONNECTOR 45, 2D WITH CABLE PASSAGE (SET)	456
	COVER CAP A 3-WAY CONNECTION ANGLE B 30	437		CORNER CONNECTOR 45, 3D WITH CABLE PASSAGE (SET)	457
	COVER CAP B 3-WAY CONNECTION ANGLE B 30	438		FRAME CORNER CONNECTOR PLATE	458
	3-WAY CONNECTION ANGLE 38 - 1.5"	439		FRAME CORNER CONNECTOR 18 X 32 FOR CLAMP PROFILE (SET)	459
	COVER CAP B 3-WAY CONNECTION ANGLE 38 - 1.5"	440		COVER CAP FOR FRAME CORNER CONNECTOR 18 X 32	460
	COVER CAP D 3-WAY CONNECTION ANGLE 38 - 1.5"	441		FRAME CORNER CONNECTOR 20 X 40 (SET)	461
	3-WAY CONNECTION ANGLE I 40	442		FRAME CORNER CONNECTOR 22.5 X 45 (SET)	462
	COVER CAP A 3-WAY CONNECTION ANGLE I 40	443		SEALING CORD	463
	COVER CAP B 3-WAY CONNECTION ANGLE I 40	444		CUBE CONNECTOR 20, 2D	464
	COVER CAP C 3-WAY CONNECTION ANGLE I 40	445		CUBE CONNECTOR 20, 3D	465
	3-WAY CONNECTION ANGLE B 40	446		CUBE CONNECTOR 25 - 1", 2D	466
	COVER CAP A 3-WAY CONNECTION ANGLE B 40	447		CUBE CONNECTOR 25 - 1", 3D	467
	COVER CAP B 3-WAY CONNECTION ANGLE B 40	448		CUBE CONNECTOR 30, 2D	468
	3-WAY CONNECTION ANGLE B 45	449		CUBE CONNECTOR 30, 3D	469
	COVER CAP A 3-WAY CONNECTION ANGLE B 45	450		CUBE CONNECTOR 40, 2D	470
	COVER CAP B 3-WAY CONNECTION ANGLE B 45	451		CUBE CONNECTOR 40, 3D	471
	CORNER CONNECTOR 40, 2D WITH CABLE PASSAGE (SET)	454		CUBE CONNECTOR 45, 2D	472

	<b>CUBE CONNECTOR 45, 3D</b>	<b>473</b>		<b>SELF FORMING BUTTON HEAD SCREW</b>	<b>491</b>
	<b>THREADED CONNECTION STUD FOR CUBE CONNECTOR</b>	<b>474</b>		<b>SELF FORMING SCREW</b>	<b>492</b>
	<b>BOLT CONNECTOR, SLOT 8 / D=8.2</b>	<b>475</b>		<b>SELF TAPPING SCREW</b>	<b>493</b>
	<b>BOLT CONNECTOR, SLOT 8 / D=11</b>	<b>476</b>		<b>CONNECTING SCREW B</b>	<b>494</b>
	<b>BOLT CONNECTOR I, SLOT 8</b>	<b>477</b>		<b>PLATE CONNECTOR B AL</b>	<b>495</b>
	<b>BOLT CONNECTOR I, SLOT 8, SINGLE SIDE</b>	<b>478</b>		<b>PLATE BUTT CONNECTOR B AL (SET)</b>	<b>497</b>
	<b>BOLT CONNECTOR, SLOT 10</b>	<b>479</b>		<b>PLATE CONNECTOR B ZN 45, SLOT 10</b>	<b>498</b>
	<b>CENTRAL CONNECTOR B, SLOT 6</b>	<b>480</b>		<b>PLATE CONNECTOR I PA 40, SLOT 8 (SET)</b>	<b>499</b>
	<b>CENTRAL CONNECTOR B, SLOT 8 AND SLOT 10</b>	<b>481</b>		<b>PLATE CONNECTOR I ZN 40 (SET)</b>	<b>500</b>
	<b>CENTRAL CONNECTOR B UNIVERSAL, SLOT 10</b>	<b>482</b>		<b>UNIVERSAL CONNECTOR I</b>	<b>501</b>
	<b>CENTRAL CONNECTOR B, BUSH 9.8 / SLOT 10</b>	<b>483</b>		<b>ROLL-IN DOUBLE T-SLOT NUT FOR UNIVERSAL CONNECTOR I, SLOT 6</b>	<b>503</b>
	<b>CENTRAL CONNECTOR I, SLOT 8</b>	<b>484</b>		<b>ROLL-IN DOUBLE T-SLOT NUT FOR UNIVERSAL CONNECTOR I, SLOT 8</b>	<b>504</b>
	<b>CENTRAL CONNECTOR I 90° +/-45°</b>	<b>485</b>		<b>UNIVERSAL BUTT CONNECTOR I</b>	<b>505</b>
	<b>CENTRAL BUTT CONNECTOR I 180° +/-45°</b>	<b>486</b>		<b>UNIVERSAL CONNECTOR B</b>	<b>506</b>
	<b>CENTRAL CONNECTOR B 90° +/-45°</b>	<b>487</b>		<b>AUTOMATIC CONNECTOR STEEL</b>	<b>507</b>
	<b>CENTRAL BUTT CONNECTOR B 180° +/-45°</b>	<b>488</b>		<b>AUTOMATIC CONNECTOR STAINLESS STEEL</b>	<b>508</b>
	<b>CENTRAL CONNECTOR BUSH 15, SLOT 8</b>	<b>489</b>		<b>ROLL-IN DOUBLE T-SLOT NUT FOR AUTOMATIC CONNECTOR I, SLOT 6</b>	<b>509</b>
	<b>SELF FORMING COUNTERSUNK SCREW</b>	<b>490</b>		<b>ROLL-IN DOUBLE T-SLOT NUT FOR AUTOMATIC CONNECTOR I, SLOT 8</b>	<b>510</b>

	<b>AUTOMATIC DOUBLE CONNECTOR I, SLOT 8 (SET)</b>	<b>511</b>		<b>INNER CONNECTOR R</b>	<b>529</b>
	<b>AUTOMATIC BUTT CONNECTOR STEEL</b>	<b>512</b>		<b>PROFILE CONNECTOR 90° I, SLOT 8 (SET)</b>	<b>532</b>
	<b>AUTOMATIC BUTT CONNECTOR STAINLESS STEEL</b>	<b>513</b>		<b>PROFILE CONNECTOR 90° M45, SLOT 8 (SET)</b>	<b>533</b>
	<b>COVER CAP FOR AUTOMATIC CONNECTOR I, SLOT 8</b>	<b>514</b>		<b>PROFILE CONNECTOR 90° B / M30, SLOT 8 (SET)</b>	<b>534</b>
	<b>COVER CAP D20 FOR AUTOMATIC CONNECTOR I, SLOT 8 N</b>	<b>515</b>		<b>PROFILE CONNECTOR 90° B, SLOT 10 (SET)</b>	<b>535</b>
	<b>T-MATIC CONNECTOR STEEL</b>	<b>516</b>		<b>PIN T-SLOT NUT I, SLOT 8</b>	<b>536</b>
	<b>T-MATIC CONNECTOR I STAINLESS STEEL, SLOT 8</b>	<b>517</b>		<b>ANGLE CONNECTOR 20, 45°</b>	<b>537</b>
	<b>T-MATIC DOUBLE CONNECTOR STEEL</b>	<b>518</b>		<b>ANGLE CONNECTOR 40 X 20, 45°</b>	<b>538</b>
	<b>MILLING CONNECTOR B, SLOT 8 (SET)</b>	<b>519</b>		<b>ANGLE CONNECTOR 25 - 1", 45°</b>	<b>539</b>
	<b>MILLING CONNECTOR I, SLOT 8 (SET)</b>	<b>520</b>		<b>ANGLE CONNECTOR 30, 45°</b>	<b>540</b>
	<b>MILLING CONNECTOR, SLOT 10 (SET)</b>	<b>521</b>		<b>ANGLE CONNECTOR 60 X 30, 45°</b>	<b>541</b>
	<b>SCREW CONNECTOR I</b>	<b>522</b>		<b>ANGLE CONNECTOR B 30, 45°</b>	<b>542</b>
	<b>SCREW CONNECTOR I PA (SET)</b>	<b>523</b>		<b>ANGLE CONNECTOR 38 - 1.5", 45°</b>	<b>543</b>
	<b>SCREW CONNECTOR I, SINGLE SIDE</b>	<b>524</b>		<b>ANGLE CONNECTOR 76 X 38 - 3" X 1.5", 45°</b>	<b>544</b>
	<b>SCREW CONNECTOR I SPECIAL, SINGLE SIDE</b>	<b>525</b>		<b>ANGLE CONNECTOR 40, 45°</b>	<b>545</b>
	<b>SCREW CONNECTOR B, SLOT 10</b>	<b>526</b>		<b>ANGLE CONNECTOR I 40, 45° (SET)</b>	<b>546</b>
	<b>INNER CONNECTOR, SLOT 6 (SET)</b>	<b>527</b>		<b>ANGLE CONNECTOR 40 X 80, 45°</b>	<b>547</b>
	<b>INNER CONNECTOR, SLOT 8 + 10</b>	<b>528</b>		<b>ANGLE CONNECTOR 80 X 40, 45°</b>	<b>548</b>



	ANGLE CONNECTOR B 40, 45° (SET)	549		PIVOT JOINT 38 - 1.5"	567
	ANGLE CONNECTOR 45, 45°	550		PIVOT JOINT 38 - 1.5" WITH LOCKING LEVER	568
	ANGLE CONNECTOR 90 X 45, 45°	551		PIVOT JOINT 38 X 76 - 1.5" X 3"	569
	ANGLE CONNECTOR B 45, 45°	552		PIVOT JOINT 38 X 76 - 1.5" X 3" WITH LOCKING LEVER	570
	CLAMP CONNECTOR 45°	553		PIVOT JOINT 40	571
	PIVOT JOINT 20	554		PIVOT JOINT 40 WITH LOCKING LEVER	572
	PIVOT JOINT 20 WITH LOCKING LEVER	555		PIVOT JOINT B 40	573
	PIVOT JOINT B 20	556		PIVOT JOINT 40 X 80	574
	PIVOT JOINT B 20 WITH LOCKING LEVER	557		PIVOT JOINT 40 X 80 WITH LOCKING LEVER	575
	PIVOT JOINT 25 - 1"	558		PIVOT JOINT 45	576
	PIVOT JOINT 25 - 1" WITH LOCKING LEVER	559		PIVOT JOINT 45 WITH LOCKING LEVER	577
	PIVOT JOINT 25 X 51 - 1" X 2"	560		PIVOT JOINT ZN 45	578
	PIVOT JOINT 25 X 51 - 1" WITH LOCKING LEVER	561		PIVOT JOINT ZN 45 WITH LOCKING LEVER	579
	PIVOT JOINT 28 - 1.1"	562		PIVOT JOINT 45 X 90	580
	PIVOT JOINT 28 - 1.1" WITH LOCKING LEVER	563		PIVOT JOINT 45 X 90 WITH LOCKING LEVER	581
	PIVOT JOINT 30	564		PIVOT JOINT 180°, 1 SLOT	582
	PIVOT JOINT 30 WITH LOCKING LEVER	565		PIVOT JOINT 180°, 2 SLOTS	583
	PIVOT JOINT 30 X 60 WITH LOCKING LEVER	566		FRICTION JOINT I40L FOR SYSTEM ARM (SET)	586

	ADJUSTABLE FRICTION JOINT I40L FOR SYSTEM ARM (SET)	589		CLAMPING ANGLE I 30 WITH LOCKING LEVER, SLOT 6	607
	ADJUSTABLE FRICTION JOINT B40L FOR SYSTEM ARM (SET)	590		CLAMPING ANGLE I 40, SLOT 8	608
	LOCKING LEVER FOR ADJUSTABLE FRICTION JOINT (SET)	591		CLAMPING ANGLE I 40 WITH LOCKING LEVER, SLOT 8	609
	FRICTION JOINT B40L FOR SYSTEM ARM (SET)	592		JOINT ANGLE 30	610
	END FRICTION JOINT B45-B45L FOR SYSTEM ARM (SET)	593		JOINT ANGLE 40	611
	FRICTION JOINT I80L FOR SYSTEM ARM (SET)	594		TURNING ANGLE 30	612
	END FRICTION JOINT I80L FOR SYSTEM ARM (SET)	595		TURNING ANGLE 45	613
	FRICTION JOINT B80L FOR SYSTEM ARM (SET)	596		ANGLE LOCKING BRACKET 40 X 80 (SET)	614
	FRICTION JOINT I80H FOR SYSTEM ARM (SET)	597		PIVOT ANGLE 130	615
	FRICTION JOINT B80H FOR SYSTEM ARM (SET)	598		STRECKENVERBINDER 140 I, NUT 8	616
	FRICTION JOINT M45L FOR SYSTEM ARM (SET)	599		CONNECTING STRIP 180 I, SLOT 8	617
	FRICTION JOINT B45L FOR SYSTEM ARM (SET)	600		CONNECTING STRIP 50 B, SLOT 8	618
	FRICTION JOINT M90L FOR SYSTEM ARM (SET)	601		CONNECTING STRIP 180 B, SLOT 8	619
	FRICTION JOINT B90L FOR SYSTEM ARM (SET)	602		CONNECTING STRIP 180 B, SLOT 10 (SET)	620
	FRICTION JOINT M90H FOR SYSTEM ARM (SET)	603		MITRE CONNECTOR I 30°-90°, SLOT 8	621
	FRICTION JOINT B90H FOR SYSTEM ARM (SET)	604		MITRE CONNECTOR B 45°-90°, SLOT 10	622
	CUTTING BUSH WITH SHANK	605		MITRE CONNECTOR B 60°-180°, SLOT 10	623
	CLAMPING ANGLE I 30, SLOT 6	606		UNIVERSAL MITRE CONNECTOR I (SET)	624



MITRE CONNECTOR 45° 625

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MITRE CONNECTOR 90° 626

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DIRECT CONNECTOR I, SLOT 8 627

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DIRECT CONNECTOR I / B, SLOT 8 / 10 628

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RADIUS SEAL 40 X 40 629

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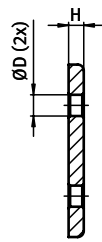
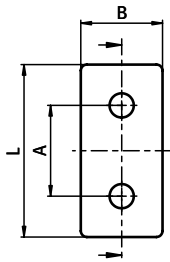
RADIUS SEAL 40 X 40, 90° 630

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**CONNECTION PLATE AL RECTANGULAR 2 HOLE, 1 SLOT VERSION**

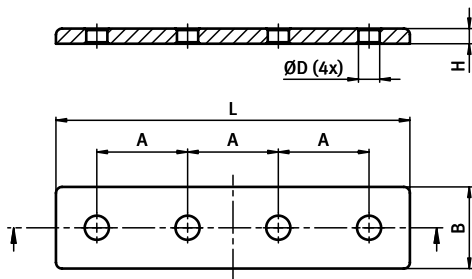
<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Version	A [mm]	B [mm]	H [mm]	L [mm]	ØD [mm]	Weight [g]	Part #
20 / 40	20.0	18.0	4.0	38.0	5.5	7.0	<a href="#">093VA2040</a>
25 / 51 - 1" / 2"	25.4 (1")	23.0 (0.9")	4.0	48.0 (1.89")	7.0	11.0	<a href="#">093VA2551</a>
30 / 60	30.0	27.0	5.0	57.0	7.0	20.0	<a href="#">093VA3060</a>
38 / 76 - 1.5" / 3"	38.1 (1.5")	34.0 (1.34")	6.0	72.0 (2.8")	9.0	37.0	<a href="#">093VA3876</a>
40 / 80	40.0	36.0	6.0	76.0	9.0	42.0	<a href="#">093VA4080</a>
45 / 90	45.0	41.0	6.0	86.0	9.0	55.0	<a href="#">093VA4590</a>

CONNECTION PLATE AL RECTANGULAR 4 HOLE, 1 SLOT VERSION

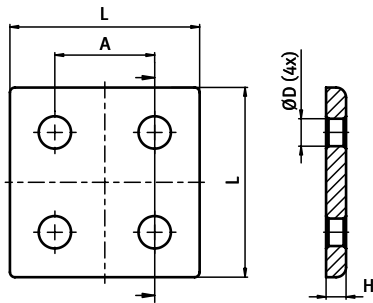
<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Version	A [mm]	B [mm]	H [mm]	L [mm]	ØD [mm]	Weight [g]	Part #
20 / 80	20.0	18.0	4.0	78.0	5.5	15.0	<a href="#">093VA2080</a>
30 / 120	30.0	27.0	5.0	117.0	7.0	40.0	<a href="#">093VA30120</a>
38 / 152 - 1.5" / 5.98"	38.1 (1.5")	34.0 (1.34")	6.0	148.0 (5.8")	9.0	77.0	<a href="#">093VA38152</a>
40 / 160	40.0	36.0	6.0	156.0	9.0	86.0	<a href="#">093VA40160</a>
45 / 180	45.0	41.0	6.0	176.0	9.0	112.0	<a href="#">093VA45180</a>

**CONNECTION PLATE AL QUADRANGULAR 4 HOLE, 1 SLOT VERSION**

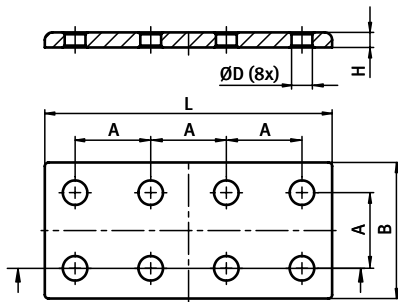
<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Version	A [mm]	H [mm]	L [mm]	ØD [mm]	Weight [g]	Part #
40 / 40	20.0	4.0	38.0	5.5	15.0	<a href="#">093VA4040</a>
50.8 / 50.8 - 2" / 2"	25.4 (1")	4.0	48.0 (1.89")	7.0	23.0	<a href="#">093VA5151</a>
60 / 60	30.0	5.0	57.0	7.0	42.0	<a href="#">093VA6060</a>
76.2 / 76.2 - 3" / 3"	38.1 (1.5")	6.0	72.0 (2.8")	9.0	80.0	<a href="#">093VA7676</a>
80 / 80	40.0	6.0	76.0	9.0	90.0	<a href="#">093VA8080</a>
90 / 90	45.0	6.0	86.0	9.0	115.0	<a href="#">093VA9090</a>

**CONNECTION PLATE AL RECTANGULAR 8 HOLE, 2 SLOTS VERSION**

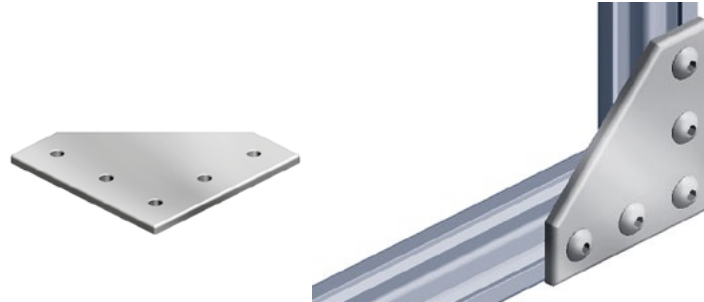
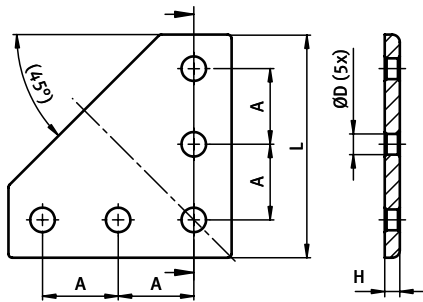
<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Version	A [mm]	B [mm]	H [mm]	L [mm]	ØD [mm]	Weight [g]	Part #
40 / 80	20.0	36.0	4.0	76.0	5.5	27.0	<a href="#">093VD4080</a>
50.8 / 101.6 - 2" / 4"	25.4 (1")	48.0 (1.89")	4.0	98.0 (3.858")	7.0	47.0	<a href="#">093VD51102</a>
60 / 120	30.0	57.0	5.0	117.0	7.0	85.0	<a href="#">093VD60120</a>
80 / 160	40.0	76.0	6.0	156.0	9.0	185.0	<a href="#">093VD80160</a>
90 / 180	45.0	86.0	6.0	176.0	9.0	240.0	<a href="#">093VD90180</a>

CONNECTION PLATE AL L 5 HOLE, 1 SLOT VERSION

<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

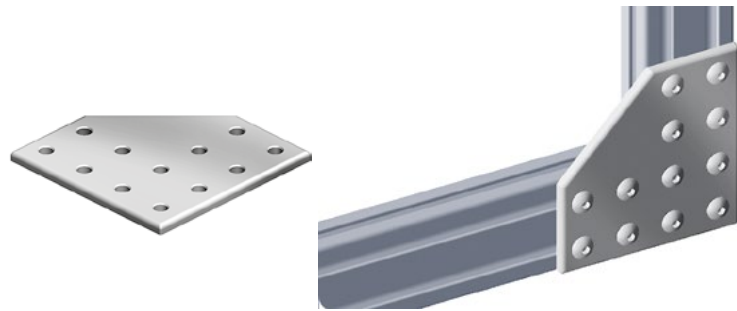
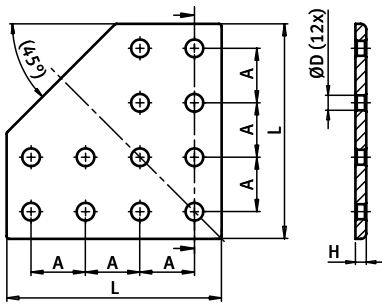


Version	A [mm]	H [mm]	L [mm]	ØD [mm]	Weight [g]	Part #
60 / 60	20.0	4.0	59.0	5.5	27.0	<a href="#">093VL6060</a>
76.2 / 76.2 - 3" / 3"	25.4 (1")	4.0	74.0 (2.9")	7.0	43.0	<a href="#">093VL7676</a>
90 / 90	30.0	5.0	88.5	7.0	78.0	<a href="#">093VL9090</a>
114 / 114 - 4.4" / 4.4"	38.1 (1.5")	6.0	112.0 (4.4")	9.0	150.0	<a href="#">093VL114114</a>
120 / 120	40.0	6.0	118.0	9.0	168.0	<a href="#">093VL120120</a>
135 / 135	45.0	6.0	133.0	9.0	215.0	<a href="#">093VL135135</a>



CONNECTION PLATE AL L 12 HOLE, 2 SLOTS VERSION

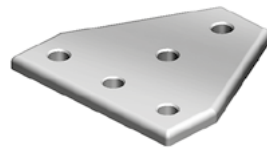
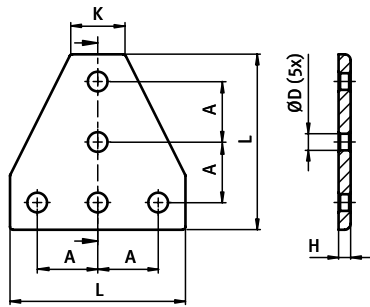
<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Version	A [mm]	H [mm]	L [mm]	ØD [mm]	Weight [g]	Part #
80 / 80	20.0	4.0	79.0	5.5	55.0	<a href="#">093VL8080D</a>
102 / 102 - 4" / 4"	25.4 (1")	4.0	99.0 (3.9")	7.0	86.0	<a href="#">093VL102102D</a>
120 / 120	30.0	5.0	118.5	7.0	158.0	<a href="#">093VL120120D</a>
152 / 152 - 5.98" / 5.98"	38.1 (1.5")	6.0	150.0 (5.9")	9.0	305.0	<a href="#">093VL152152D</a>
160 / 160	40.0	6.0	158.0	9.0	340.0	<a href="#">093VL160160D</a>
180 / 180	45.0	6.0	178.0	9.0	435.0	<a href="#">093VL180180D</a>

**CONNECTION PLATE AL T 5 HOLE, 1 SLOT VERSION**

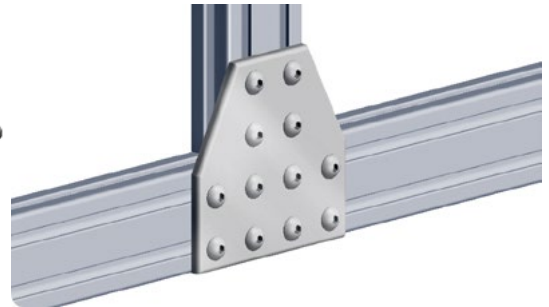
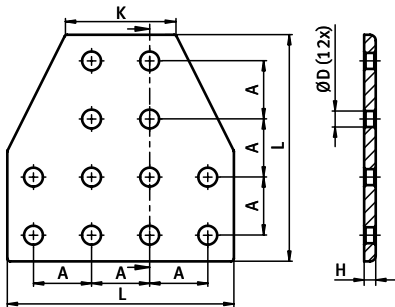
<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To tee connect two aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Version	A [mm]	H [mm]	L [mm]	ØD [mm]	K [mm]	Weight [g]	Part #
60 / 60	20.0	4.0	58.0	5.5	18.0	27.0	<a href="#">093VT6060</a>
76.2 / 76.2 - 3" / 3"	25.4 (1")	4.0	73.0 (2.9")	7.0	23.0 (0.9")	42.0	<a href="#">093VT7676</a>
90 / 90	30.0	5.0	87.0	7.0	27.0	75.0	<a href="#">093VT9090</a>
114 / 114 - 4.48" / 4.48"	38.1 (1.5")	6.0	110.0	9.0	34.0	143.0	<a href="#">093VT114114</a>
120 / 120	40.0	6.0	116.0	9.0	36.0	160.0	<a href="#">093VT120120</a>
135 / 135	45.0	6.0	131.0	9.0	41.0	210.0	<a href="#">093VT135135</a>

CONNECTION PLATE AL T 12 HOLE, 2 SLOTS VERSION

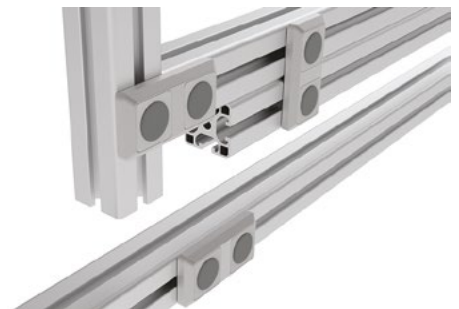
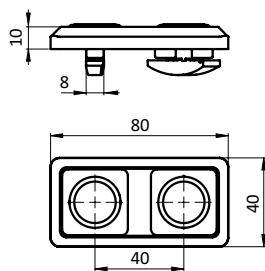
<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To tee connect two aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Version	A [mm]	H [mm]	L [mm]	ØD [mm]	K [mm]	Weight [g]	Part #
80 / 80	20.0	4.0	78.0	5.5	38.0	55.0	<a href="#">093VT8080D</a>
120 / 120	30.0	5.0	117.0	7.0	57.0	154.0	<a href="#">093VT120120D</a>
160 / 160	40.0	6.0	156.0	9.0	76.0	330.0	<a href="#">093VT160160D</a>
180 / 180	45.0	6.0	176.0	9.0	86.0	425.0	<a href="#">093VT180180D</a>

**CONNECTION PLATE I40 M LENGTH/CROSS, RECTANGULAR 2 HOLE, 1 SLOT (SET)**

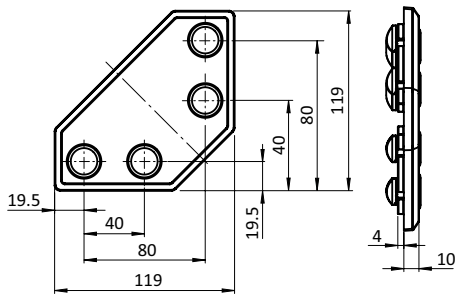
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles quickly at right angle or parallel, direct inserting into the profile slot thanks to lengthwise or crosswise positioning of the pre-assembled magnet rhombus screws and counter sunk nuts with the 90° turnable inserts; the open screwing holes of the connection plate can be closed with the cover caps
<b>MATERIAL</b>	Connection plate: Aluminum die-cast Cover caps: Plastic PA, glass fiber reinforced Magnet rhombus screws: Steel Countersunk nuts: Steel
<b>SURFACE</b>	Connection plate: Powder coated Magnet rhombus screws: Zinc plated Countersunk nuts: Zinc plated
<b>COLOR</b>	Connection plate: Alu color Cover Caps: Gray ≈ RAL 7042
<b>SET</b>	1 connection plate with pre-assembled magnet rhombus screws and counter sunk nuts in 90° turnable inserts 2 cover caps
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request



Slot	Weight [g]	Profile	Part #
8	111.1	I	<a href="#">093VM4080LN08</a>

**CONNECTION PLATE I120 M (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles quickly at right angle, direct inserting into the profile slot thanks to correct positioning of the pre-assembled magnet rhombus screws and counter sunk nuts; the open screwing holes of the connection plate can be closed with the cover caps
<b>MATERIAL</b>	Connection plate: Aluminum die-cast Cover caps: Plastic PA, glass fiber reinforced Magnet rhombus screws: Steel Countersunk nuts: Steel
<b>SURFACE</b>	Connection plate: Powder coated Magnet rhombus screws: Zinc plated Countersunk nuts: Zinc plated
<b>COLOR</b>	Connection plate: Alu color Cover Caps: Gray ≈ RAL 7042
<b>SET</b>	1 connection plate with pre-assembled magnet rhombus screws and counter sunk nuts 4 cover caps
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request



4

Slot	Weight [g]	Profile	Part #
8	331.6	I	<b>093VM120120LN08</b>

**CONNECTION PLATE ST RECTANGULAR 2 HOLE, 1 SLOT VERSION**

<b>MODEL</b>	Steel, profile 20 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Powder coated / zinc plated
<b>COLOR</b>	Black, alu color, -
<b>FASTENING</b>	Countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

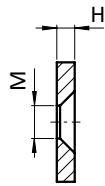
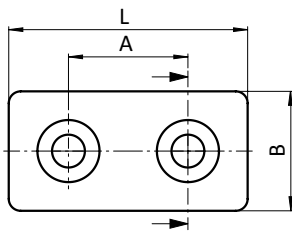


Fig.	Surface	Color	A [mm]	B [mm]	H [mm]	L [mm]	for Screw	Weight [g]	Part #
①	Powder coated	Black	20.0	20.0	3.0	40.0	2x M5	12	<a href="#">093V2040S</a>
①	Powder coated	Black	30.0	30.0	3.0	60.0	2x M6	36.0	<a href="#">093V3060S</a>
①	Powder coated	Black	40.0	40.0	5.0	80.0	2x M8	116.0	<a href="#">093V4080S</a>
①	Powder coated	Black	45.0	45.0	5.0	90.0	2x M8	149.0	<a href="#">093V4590S</a>
②	Powder coated	Alu color	20.0	20.0	3.0	40.0	2x M5	16.7	<a href="#">093V2040A</a>
②	Powder coated	Alu color	30.0	30.0	3.0	60.0	2x M6	37.3	<a href="#">093V3060A</a>
②	Powder coated	Alu color	40.0	40.0	5.0	80.0	2x M8	110.2	<a href="#">093V4080A</a>
②	Powder coated	Alu color	45.0	45.0	5.0	90.0	2x M8	147.0	<a href="#">093V4590A</a>
③	Zinc plated		30.0	30.0	3.0	60.0	2x M6	36.0	<a href="#">093V3060V</a>
③	Zinc plated		40.0	40.0	5.0	80.0	2x M8	116.0	<a href="#">093V4080V</a>
③	Zinc plated		45.0	45.0	5.0	90.0	2x M8	149.0	<a href="#">093V4590V</a>

**CONNECTION PLATE ST RECTANGULAR 3 HOLE, 1 SLOT VERSION**

<b>MODEL</b>	Steel, profile 20 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

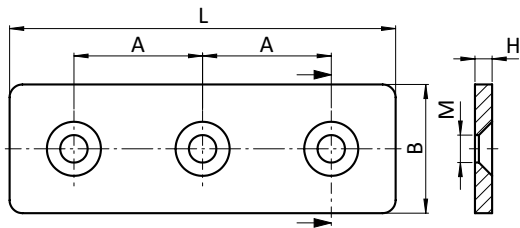


Fig.	Surface	Color	A [mm]	B [mm]	H [mm]	L [mm]	for Screw	Weight [g]	Part #
①	Powder coated	Black	2x 30.0	30.0	4.0	90.0	3x M6	78.0	<a href="#">093V3090S</a>
②	Powder coated	Alu color	2x 30.0	30.0	4.0	90.0	3x M6	76.6	<a href="#">093V3090A</a>
①	Powder coated	Black	2x 40.0	40.0	5.0	120.0	3x M8	172.0	<a href="#">093V40120S</a>
②	Powder coated	Alu color	2x 40.0	40.0	5.0	120.0	3x M8	172.4	<a href="#">093V40120A</a>

**CONNECTION PLATE ST RECTANGULAR 4 HOLE, 1 SLOT VERSION**

<b>MODEL</b>	Steel, profile 20 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

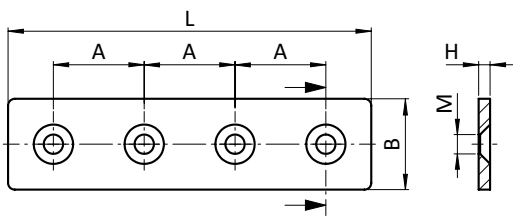
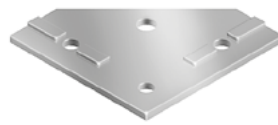
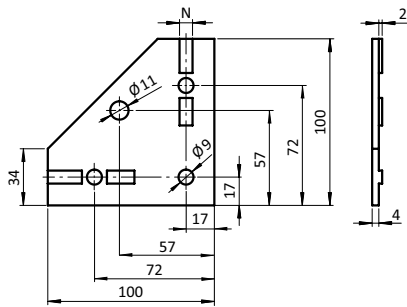


Fig.	Surface	Color	A [mm]	B [mm]	H [mm]	L [mm]	for Screw	Weight [g]	Part #
①	Powder coated	Black	3x 40.0	40.0	5.0	160.0	4x M5	223.0	<a href="#">093V40160S</a>
②	Powder coated	Alu color	3x 40.0	40.0	5.0	160.0	4x M5	221.9	<a href="#">093V40160A</a>



**CONNECTION PLATE ST 100**

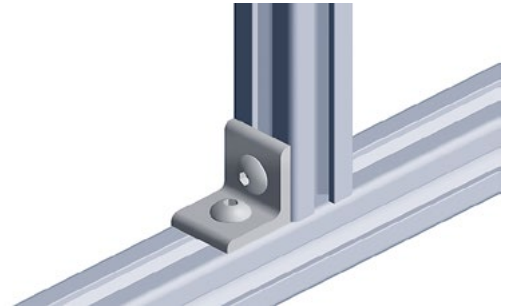
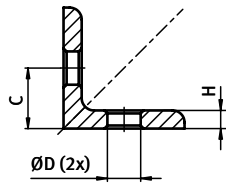
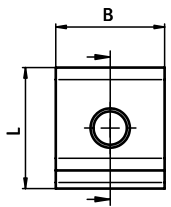
<b>MODEL</b>	Steel, zinc plated
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



	for Screw	N	Weight [g]	Part #
	M8	8	219.0	093V1001N08V
	M8	10	221.0	093V1001N10V

**CONNECTION ANGLE AL 2 HOLE, 1 SLOT VERSION**

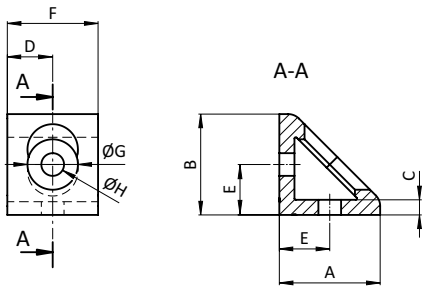
<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces



Version	B [mm]	H [mm]	L [mm]	ØD [mm]	C [mm]	Weight [g]	Part #
20	18.0	3.0	20.0	5.5	10.0	5.0	<a href="#">093WD20</a>
25.4 - 1"	25.4 (1")	4.0	25.4 (1")	7.0	12.7 (0.5")	12	<a href="#">093WD25</a>
30	30.0	5.0	30.0	7.0	15.0	21.0	<a href="#">093WD30</a>
38.1 - 1.5"	38.1 (1.5")	6.0	38.1 (1.5")	9.0	19.0 (0.75")	125.0	<a href="#">093WD38</a>
40	36.0	6.0	40.0	9.0	20.0	42.0	<a href="#">093WD40</a>
45	41.0	6.0	45.0	9.0	22.5	55.0	<a href="#">093WD45</a>

**GUSSETED CONNECTION ANGLE AL 2 HOLE, 1 SLOT VERSION**

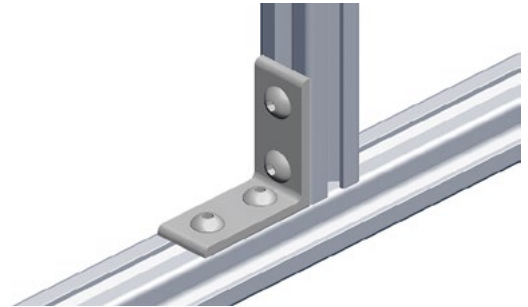
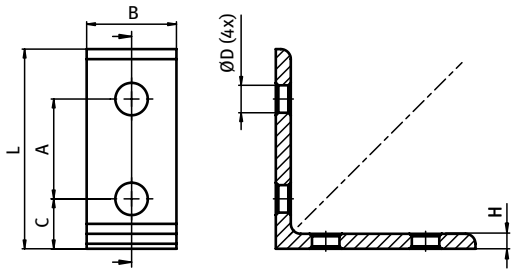
<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces



A [mm]	D [mm]	B [mm]	H [mm]	C [mm]	for Profile	E [mm]	F [mm]	G [mm]	Weight [g]	Part #
25.4 (1.00")	11.2 (0.44")	25.4 (1.00")	6.9 (0.27")	4.8 (0.19")	25 - 1"	12.7 (0.50")	22.4 (0.88")	12.7 (0.50")	15.4	<a href="#">093W8104N06</a>
38.1 (1.50")	16.5 (0.65")	38.1 (1.50")	8.9 (0.35")	6.4 (0.25")	38 - 1.5"	20.1 (0.79")	33.0 (1.30")	19.1 (0.75")	47.2	<a href="#">093W8384N08</a>
20.0	9.0	20.0	5.5	3.0	20	12.0	18.0	10.0	6.4	<a href="#">093W8203N05</a>
30.0	13.5	30.0	7.0	5.0	30	14.0	27.0	15.0	25.9	<a href="#">093W8303N08</a>
40.0	18.0	40.0	9.0	6.0	40	20.0	36.0	20.0	55.8	<a href="#">093W8404N08</a>
45.0	20.5	45.0	9.0	6.0	45	20.0	41.0	22.5	75.8	<a href="#">093W8421N10</a>

**CONNECTION ANGLE AL 4 HOLE, 1 SLOT VERSION**

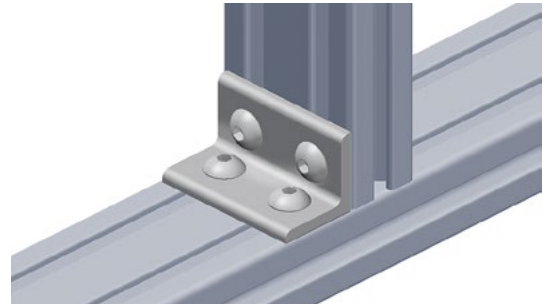
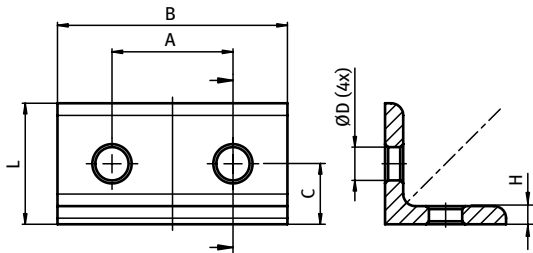
<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces



Version	A [mm]	B [mm]	H [mm]	L [mm]	ØD [mm]	C [mm]	Weight [g]	Part #
20 / 40	20.0	18.0	3.0	40.0	5.5	10.0	11.0	<a href="#">093WD2040</a>
25.4 x 50.8 - 1" x 2"	25.4 (1")	23.0 (0.91")	4.0	50.8 (2")	7.0	12.7 (0.5")	22.0	<a href="#">093WD2551</a>
30 / 60	30.0	27.0	5.0	60.0	7.0	15.0	40.0	<a href="#">093WD3060</a>
38 / 76 - 1.5" / 3"	38.1 (1.5")	34.0 (1.34")	6.0	76.2 (3")	9.0	19.0 (0.75")	76.0	<a href="#">093WD3876</a>
40 / 80	40.0	36.0	6.0	80.0	9.0	20.0	85.0	<a href="#">093WD4080</a>
45 / 90	45.0	41.0	6.0	90.0	9.0	22.5	112.0	<a href="#">093WD4590</a>

CONNECTION ANGLE AL 4 HOLE, 2 SLOTS VERSION

<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces



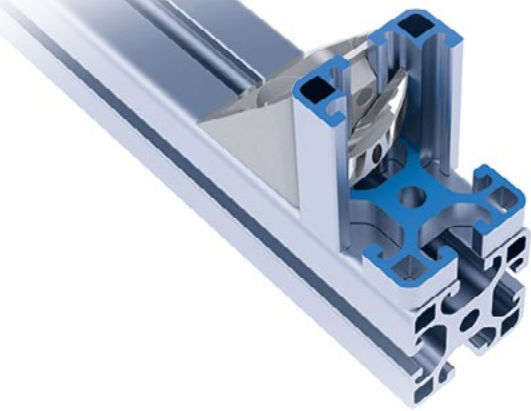
Version	A [mm]	B [mm]	H [mm]	L [mm]	ØD [mm]	C [mm]	Weight [g]	Part #
40 / 20	20.0	38.0	3.0	20.0	5.5	10.0	12	093WD4020
50.8 / 25.4 - 2" / 1"	25.4 (1")	48.0 (1.89")	4.0	25.4 (1")	7.0	12.7 (0.5")	23.0	093WD5125
60 / 30	30.0	57.0	5.0	30.0	7.0	15.0	40.0	093WD6030
76.2 / 38.1 - 3" / 1.5"	38.1 (1.5")	72.0 (2.8")	6.0	38.1 (1.5")	9.0	19.0 (0.75")	77.0	093WD7638
80 / 40	40.0	76.0	6.0	40.0	9.0	20.0	86.0	093WD8040
90 / 45	45.0	86.0	6.0	45.0	9.0	22.5	112.0	093WD9045

CONNECTION ANGLE AL 8 HOLE, 2 SLOTS VERSION

<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces



Version	A [mm]	B [mm]	H [mm]	L [mm]	ØD [mm]	C [mm]	Weight [g]	Part #
40 / 40	20.0	38.0	3.0	40.0	5.5	10.0	22.0	<a href="#">093WD4040</a>
50.8 / 50.8 - 2" / 2"	25.4 (1")	48.0 (1.89")	4.0	50.0 (1.97")	7.0	12.7 (0.5")	47.0	<a href="#">093WD5151</a>
60 / 60	30.0	57.0	5.0	60.0	7.0	15.0	84.0	<a href="#">093WD6060</a>
76.2 / 76.2 - 3" / 3"	38.1 (1.5")	72.0 (2.8")	6.0	76.2 (3")	9.0	19.0 (0.75")	161.0	<a href="#">093WD7676</a>
80 / 80	40.0	76.0	6.0	80.0	9.0	20.0	182.0	<a href="#">093WD8080</a>
90 / 90	45.0	86.0	6.0	90.0	9.0	22.5	235.0	<a href="#">093WD9090</a>



## ALU CONNECTION ANGLE M (SET)

Connect aluminum profiles quickly and easily with the **FATH Alu Connection Angle M (Set)**



- Quick installation: put on, tighten, done
- Rhombus screws always correctly positioned by magnets
- Completely pre-assembled components for immediate use
- Suitable for the profile modular dimensions 40 slot 8
- Versions available for 90° rotation of the profile slot

### HIGHLIGHTS

It doesn't get any faster than this! The **FATH Alu Connection Angle M** is the convenient angle for lightning-fast right angle connection of aluminum profiles. Installation is a cinch, as the convenient profile connectors are completely pre-assembled. You no longer need any additional assembly material such as T-slot nuts and screws. Thanks to the innovative use of magnet technology – there are tiny magnets inside – the rhombus screws are always correctly positioned and can be inserted directly into the profile slot. Pre-adjustment is no longer necessary. This magnet technology from **FATH** is patent-pending.

For profile constructions where the slot of a profile is to be moved in a different direction, **FATH Alu Connection Angle M** is available in versions that allow a 90° rotation of the rhombus screws.

Simply place the **FATH Alu Connection Angle M** with pre-assembled magnet rhombus screws on the profiles with slot 8, tighten the nuts – done! The aluminum profiles are already firmly connected to one another.

### QUICK ASSEMBLY THROUGH MAGNETS



### Assembly: Quick and easy like never before

You only need a single tool for assembly: a socket wrench SW13-3/8". That saves a lot of time! With the **FATH Alu Connection Angle M (Set)**, you can connect aluminum profiles about 10 times faster compared to conventional angles.

The open sides of the **FATH Connection Angle M (Set)** can be closed with the matching cover cap. Cover caps are available separately in gray, matching the anodized aluminum profile surface, and black and are easily inserted into the **FATH Alu Connection Angle M (Set)**.

# FAST & INNOVATIVE THROUGH MAGNETIC TECHNOLOGY

## A strong point: use as a reinforcing element

Since the **FATH** Alu Connection Angle M (Set) extends the support width of the frame structure, it is also suitable for reinforcing rectangular profile connections. This means that higher moment loads are possible without additional profile processing. Several angles can also be mounted in parallel for this purpose.

Another plus: The **FATH** Alu Connection Angle M (Set) can compensate for errors and tolerances in the profile cross section.


## Practical: FATH Alu Connection Angle M (Set) can be used again and again

The **FATH** Alu Connectionn Angle M (Set) can be dismantled in seconds at any time and reused as often as you like for new connections. The assembly and disassembly of profile structures is quick and effortless. This also makes the angle sets the perfect companion for mobile constructions.

**VERTICAL  
OR HORIZONTAL  
MOUNTING  
POSSIBLE**




## Versions:




**Alu Connection Angle 40 M (Set)**

Scope of delivery:  
1 Angle: die-cast aluminum, powder-coated in aluminum color  
2 magnetic rhombus screws: Steel, galvanized  
2 countersunk nuts: steel, galvanized  
Delivery unit: 10 pieces




**Alu Connection Angle l40 M length/cross (Set)**

Scope of delivery:  
1 Angle: die-cast aluminum, powder-coated in aluminum color  
2 magnetic rhombus screws: Steel, galvanized  
2 countersunk nuts: steel, galvanized  
Delivery unit: 10 pieces



**Alu Connection Angle 40 / 80 M (Set)**

Scope of delivery:  
1 Angle: die-cast aluminum, powder-coated in aluminum color  
4 magnetic rhombus screws: Steel, galvanized  
4 countersunk nuts: steel, galvanized  
Delivery unit: 10 pieces



**Alu Connection Angle B45 M (Set) Nut 10**

Scope of delivery:  
1 Angle: die-cast aluminum, powder-coated in aluminum color  
4 magnetic rhombus screws: Steel, galvanized  
4 countersunk nuts: steel, galvanized  
Delivery unit: 10 pieces



**Get to know it  
better now!**

[connection-angle-m.fath24.us.com](http://connection-angle-m.fath24.us.com)



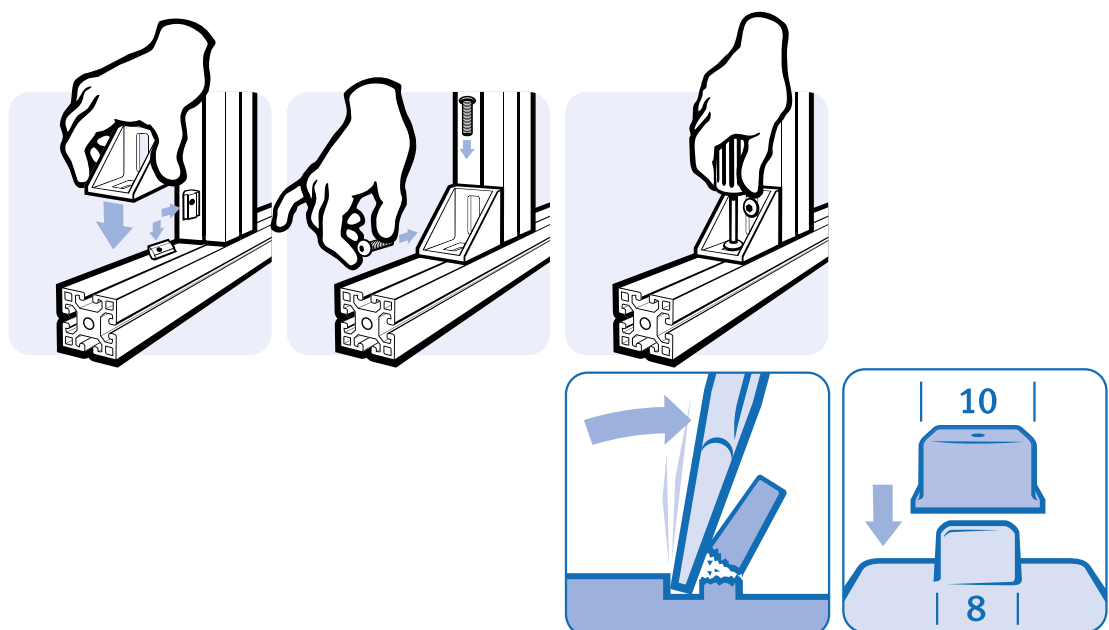
ALU CONNECTION ANGLE 20

<b>MODEL</b>	Aluminum die-cast, profile 20 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Cover cap: Black, gray
<b>ASSEMBLY SET</b>	2 hammer nuts - slot 6 - M4, 2 screws DIN 7984 - M4 x 8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



4

Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			4.4		093W203
①		Plain		5	4.6		093W203N05
①		Plain		6	4.8		093W203N06
①		Powder coated	Alu color	6	4,8		093W203N06S03
②	Cover cap		Black		1.6		093WA203
	incl. assembly set	Plain		6	7.0	B	093W203N06S01
	incl. assembly set	Powder coated	Alu color	6	12	B	093W203N06S04
②	Cover cap		Gray ≈ RAL 7004		1.6		093WA203S02



**ALU CONNECTION ANGLE 20 X 40**

<b>MODEL</b>	Aluminum die-cast, profile 20 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Cover cap: Black, gray
<b>ASSEMBLY SET</b>	4 hammer nuts - slot 6 - M4, 4 screws DIN 7984 - M4 x 8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

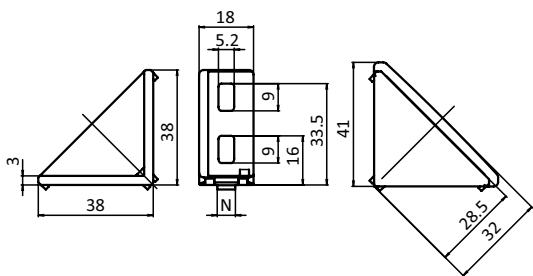
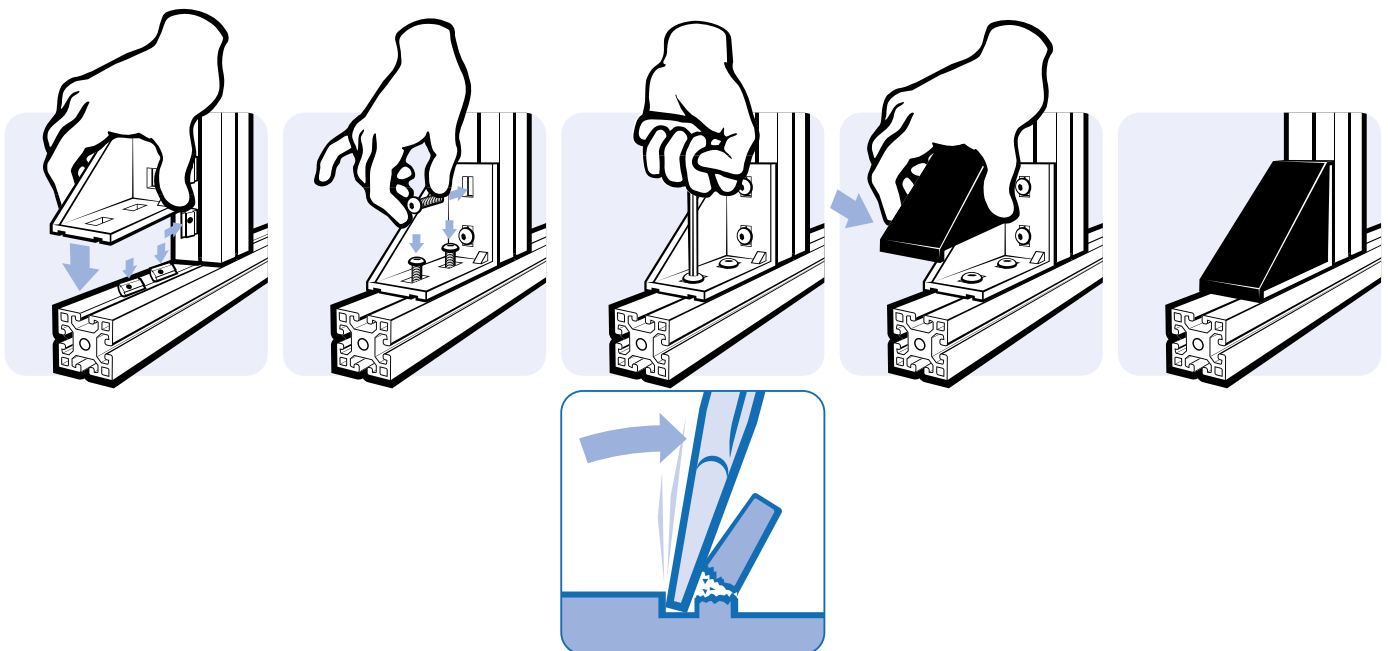


Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			13.2		<b>093W202</b>
①		Plain		5	13.2		<b>093W202N05</b>
①		Plain		6	13.2		<b>093W202N06</b>
①		Powder coated	Alu color	6	13.4		<b>093W202N06S04</b>
②	Cover cap		Black		1.0		<b>093WA202</b>
①	incl. assembly set	Plain		6	23.0	B	<b>093W202N06S03</b>
①	incl. assembly set	Powder coated	Alu color	6	23.2	B	<b>093W202N06S05</b>
②	Cover cap		Gray ≈ RAL 7004		1.0		<b>093WA202S02</b>



ALU CONNECTION ANGLE 30

<b>MODEL</b>	Aluminum die-cast, profile 30 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover Cap: Plastic PA, glass fiber reinforced Centering piece: Nylon PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: - / alu color Cover cap: Black, gray Centering piece: Black
<b>ASSEMBLY SET 1</b>	2 hammer nuts - slot 8 - M6, 2 screws DIN 7984 - M6 x 14
<b>ASSEMBLY SET 2</b>	1 hammer nut - slot 8 - M6, 1 screw DIN 7984 - M6 x 14, 1 hammer nut - slot 10 - M6, 1 screw DIN 7984 - M6 x 18, 2 Centering pieces - slot 8 to slot 10
<b>ASSEMBLY SET 3</b>	2 hammer nuts - slot 10 - M6, 2 screws DIN 7984 - M6 x 18, 4 Centering piece - slot 8 to slot 10
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	* By means of two plastic adapters slot 8 to slot 10

4

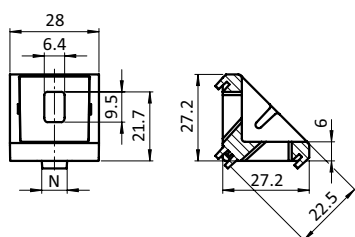
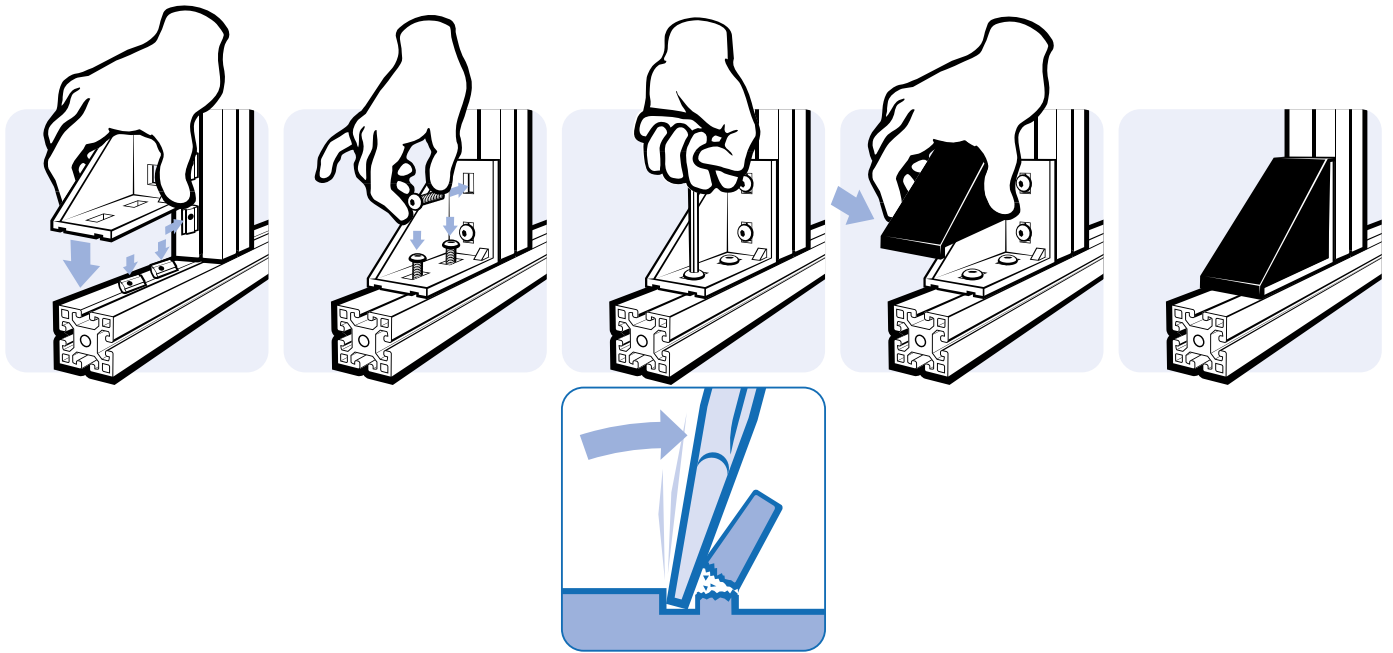


Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			19.8		093W303
①		Plain		6	20.4		093W303N06
①		Plain		8	20.6		093W303N08
①		Plain		*10	20.8		093W303N10
①		Powder coated	Alu color	8	20.6		093W303N08S12
	Centering piece		Black	8 / 10	1.0		093W02
②	Cover cap		Black		5.2		093WA303S02
	With assembly set 1	Plain		8	35.0	B	093W303N08S11
	With assembly set 2	Plain		8 / 10	40.0	B	093W303N08S09
	With assembly set 3	Plain		10	46.0	B	093W303N10S02
	With assembly set 1	Powder coated	Alu color	8	48.0	B	093W303N08S13
	With assembly set 2	Powder coated	Alu color	8 / 10	38.0	B	093W303N08S14
	With assembly set 3	Powder coated	Alu color	10	46.0	B	093W303N10S03
②	Cover cap		Gray ≈ RAL 7004		5.2		093WA303S05



ALU CONNECTION ANGLE 30



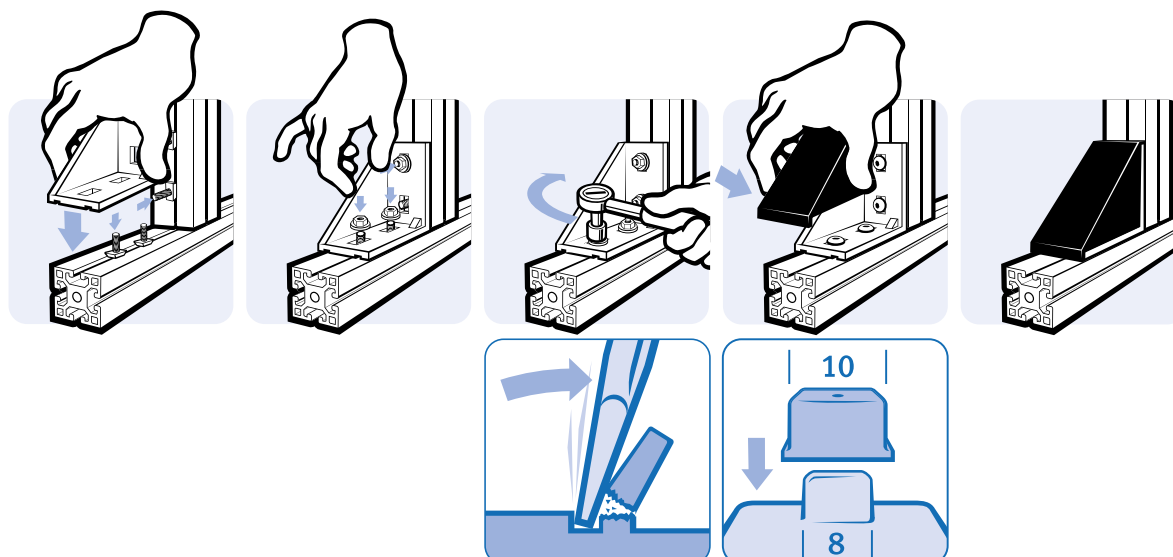
ALU CONNECTION ANGLE 30 X 60

<b>MODEL</b>	Aluminum die-cast, profile 30 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover Cap: Plastic PA, glass fiber reinforced Centering piece: Nylon PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: - / alu color Cover cap: Black, gray Centering piece: Black
<b>ASSEMBLY SET</b>	4 hammer nuts - slot 8 - M6, 4 screws DIN 7984 - M6 x 14
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



4

Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			60.0		093W302
①		Plain		6	60.4		093W302N06
①		Plain		8	58.5		093W302N08
①		Powder coated	Alu color	8	58.6		093W302N08S04
	Centering piece		Black	8 / 10	1.0		093W02
②	Cover cap		Black		14.0		093WA302
	incl. assembly set	Plain		8	82.0	B	093W302N08S01
	incl. assembly set	Powder coated	Alu color	8	85.0	B	093W302N08S05
②	Cover cap		Gray ≈ RAL 7004		14.0		093WA302S03

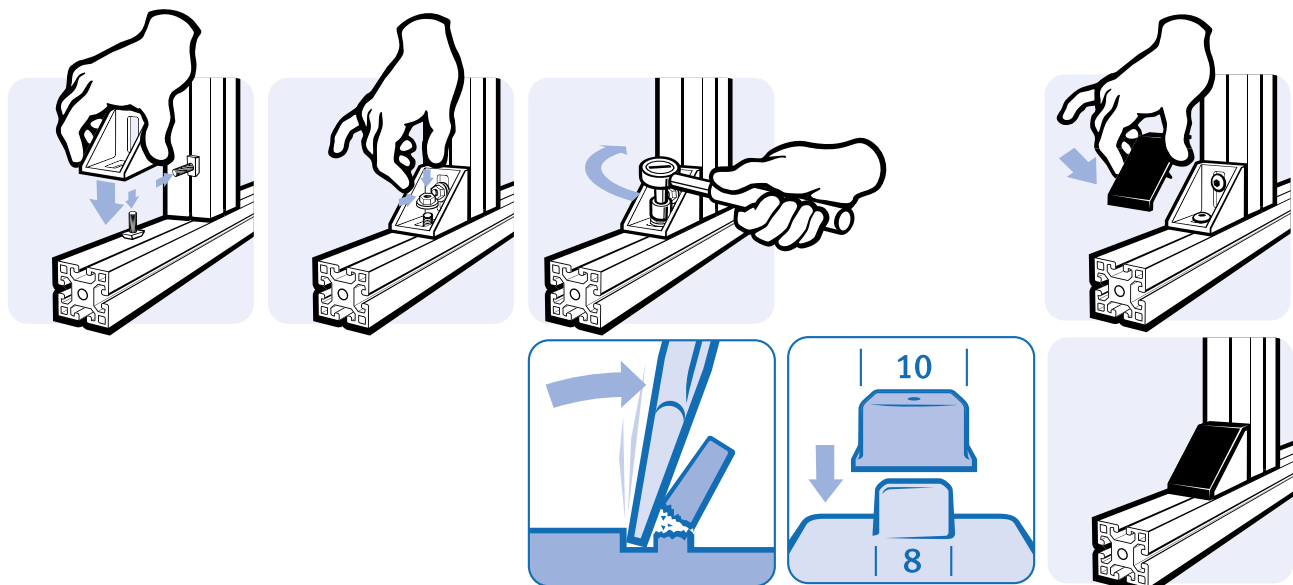


**ALU CONNECTION ANGLE 40**

<b>MODEL</b>	Aluminum die-cast, profile 40 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover Cap: Plastic PA, glass fiber reinforced Centering piece: Nylon PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: - / alu color Cover cap: Black Centering piece: Natural
<b>ASSEMBLY SET</b>	2 hammer head screws - slot 10 - M8 x 20, 2 flange nuts M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			33.0		<b>093W404</b>
①		Plain		8	33.6		<b>093W404N08</b>
①		Plain		10	33.8		<b>093W404N10</b>
①		Powder coated	Alu color	10	37.0		<b>093W404N10S05</b>
	8 / 10				1.0		<b>093W03</b>
②	Cover cap		Black		10.6		<b>093WA404</b>
	incl. assembly set	Plain		10	76.4	B	<b>093W404N10S01</b>
	incl. assembly set	Powder coated	Alu color	10	76.5	B	<b>093W404N10S06</b>

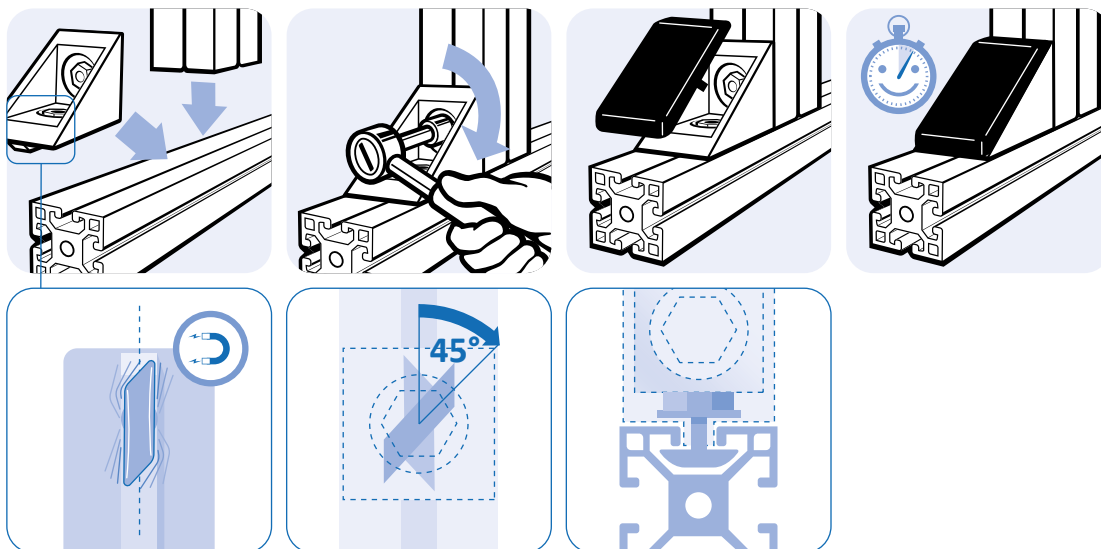


**ALU CONNECTION ANGLE I40 M (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles quickly at right angles, direct inserting into the profile slot thanks to correct positioning of the pre-assembled magnet rhombus screws and countersunk nuts; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced, Magnet rhombus screws: Steel Countersunk nuts: Steel
<b>SURFACE</b>	Angle: Powder coated Magnet rhombus screws: Zinc plated Countersunk nuts: Zinc plated
<b>COLOR</b>	Angle: Alu color Cover cap: Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

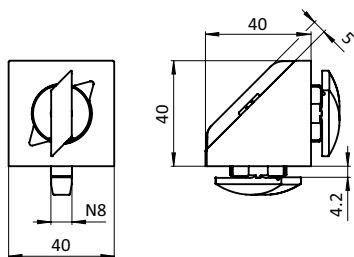


Version	Color	Slot	Weight [g]	Profile	Part #
	Alu color	8	98.0	I	<a href="#">093W406N08S01</a>
Cover cap	Black		10.0	I	<a href="#">093WA406</a>
	Gray ≈ RAL 7042		10.0	I	<a href="#">093WA406S01</a>

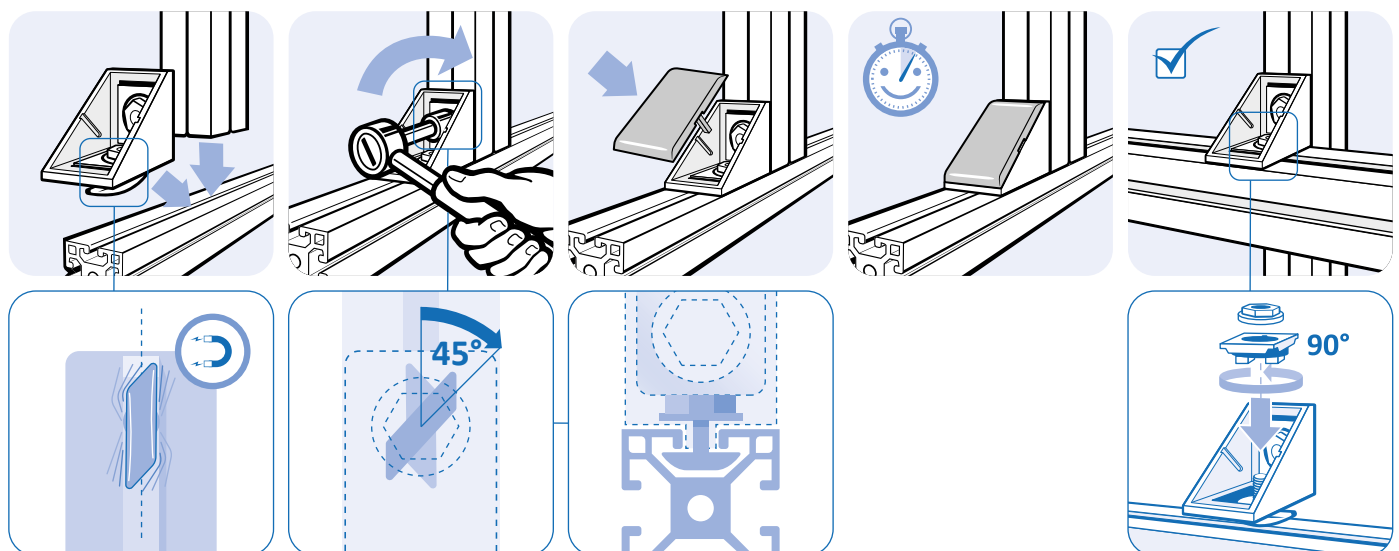


**ALU CONNECTION ANGLE I40 M LENGTH/CROSS (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles quickly at right angles lengthwise or crosswise, direct inserting into the profile slot thanks to correct positioning of the pre-assembled magnet rhombus screws and countersunk nuts; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced, Magnet rhombus screws: Steel Countersunk nuts: Steel Insert: Zinc die-cast # Ring: Plastic PE
<b>SURFACE</b>	Angle: Powder coated Magnet rhombus screws: Zinc plated Countersunk nuts: Zinc plated
<b>COLOR</b>	Angle: Alu color Cover cap: Gray≈ RAL 7042 Ring: Black
<b>SET</b>	1 angle 2 magnet rhombus screws 2 countersunk nuts M8 1 cover cap
<b>PACK QUANTITY</b>	10 pieces



N	Weight [g]	Profile	Part #
8	114.0	I	<a href="#">093W4010N08S01</a>





ALU CONNECTION ANGLE 40 X 80

<b>MODEL</b>	Aluminum die-cast, profile 40 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: Alu color Cover cap: Black
<b>ASSEMBLY SET</b>	4 hammer head screws - slot 10 - M8 x 25, 4 flange nuts M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

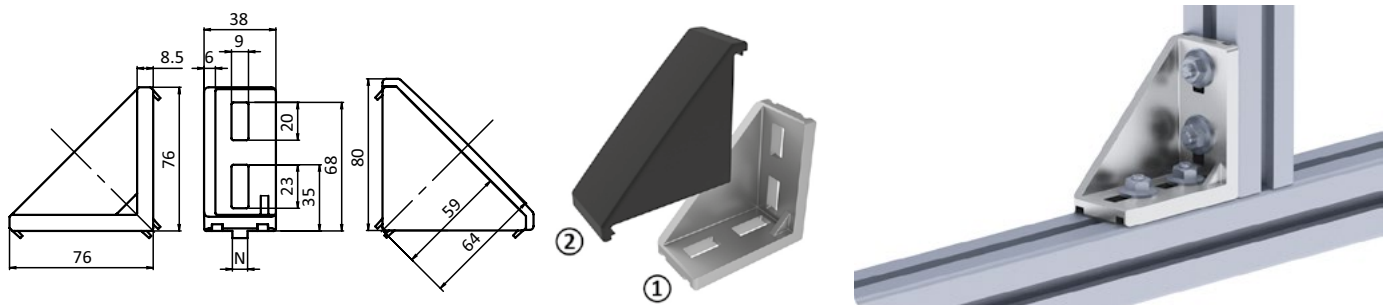
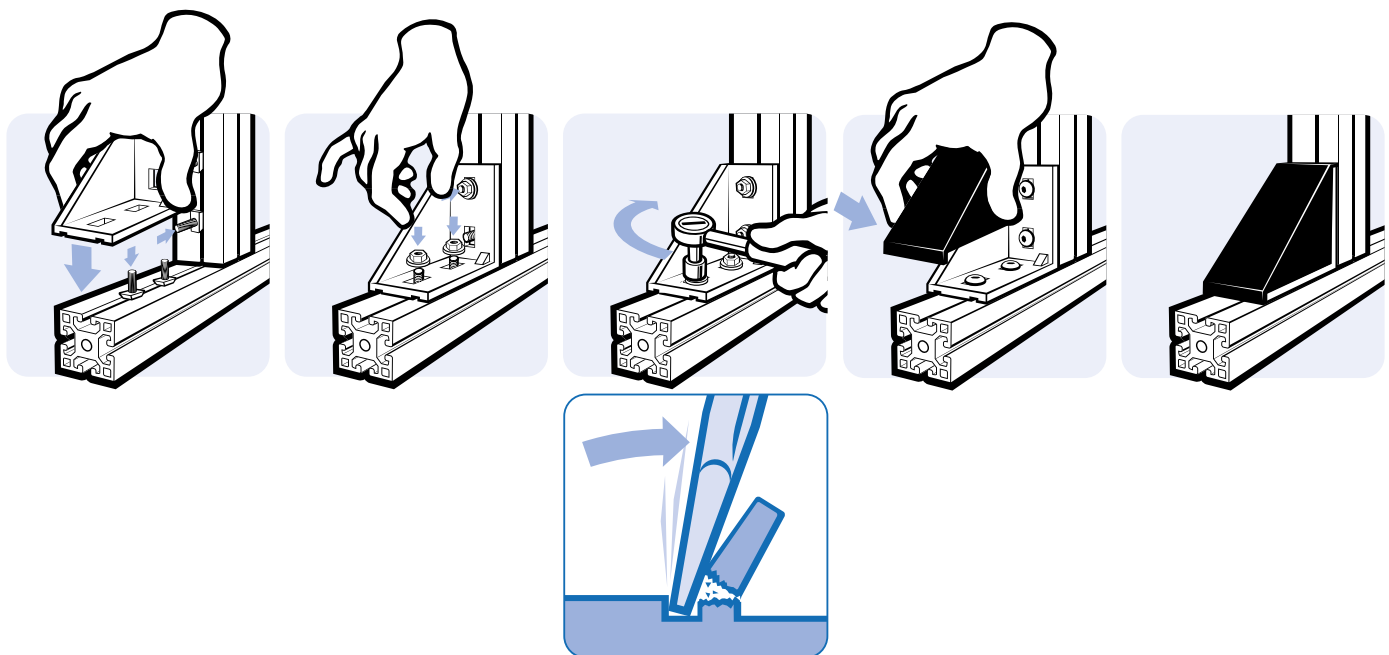


Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			123.0		093W403
①		Plain		8	120.2		093W403N08
①		Plain		10	118.5		093W403N10
①		Powder coated	Alu color	10	123.0		093W403N10S03
②	Cover cap		Black		87.0		093WA403
	incl. assembly set	Plain		10	120.0	B	093W403N10S01
	incl. assembly set	Powder coated	Alu color	10	123.0	B	093W403N10S04

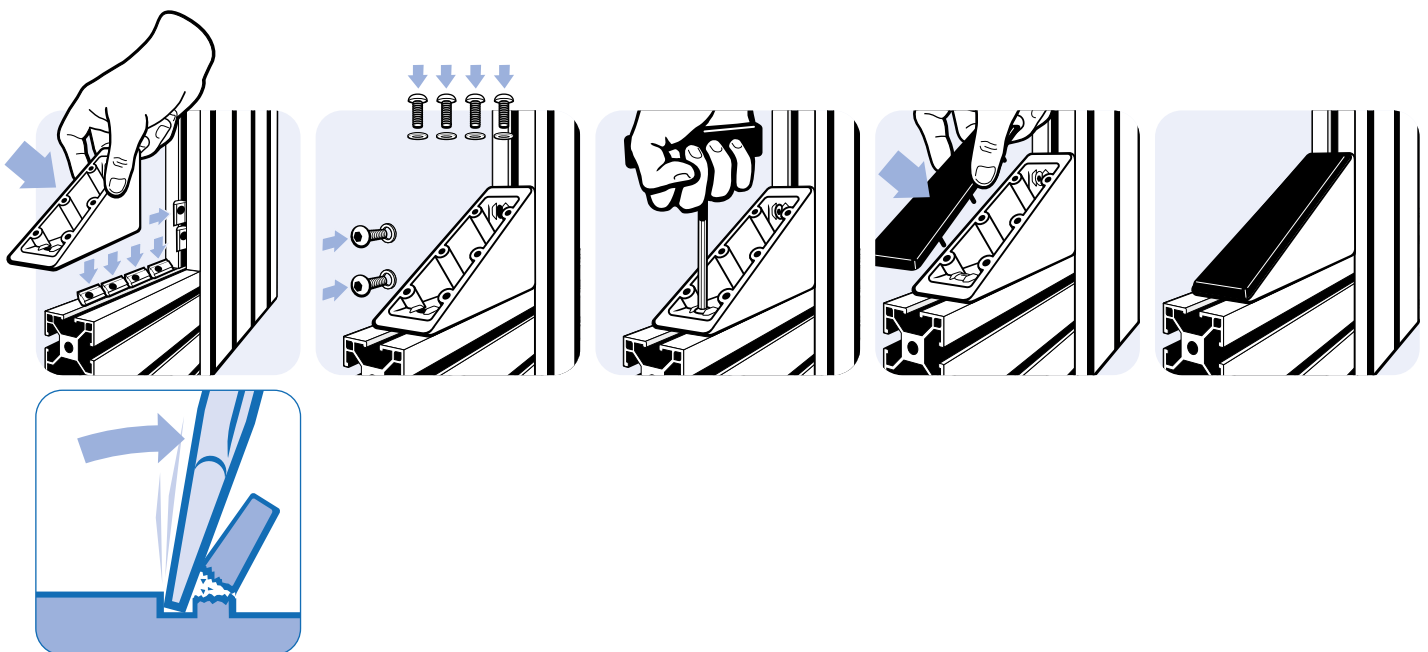


**ALU CONNECTION ANGLE 40 X 80 X 160 (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Powder coated Screws and T-nuts: Zinc plated
<b>COLOR</b>	Angle: Alu color Cover cap: Black
<b>SET</b>	1 angle, 1 cover cap - plastic PA - black, 4 T-slot nuts - slot 8 - M8, 4 screws ISO 7380 - M8 x 16 4 square washers
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request



Slot	Weight [g]	Profile	Part #
8	316.0	I	093W408N08S01

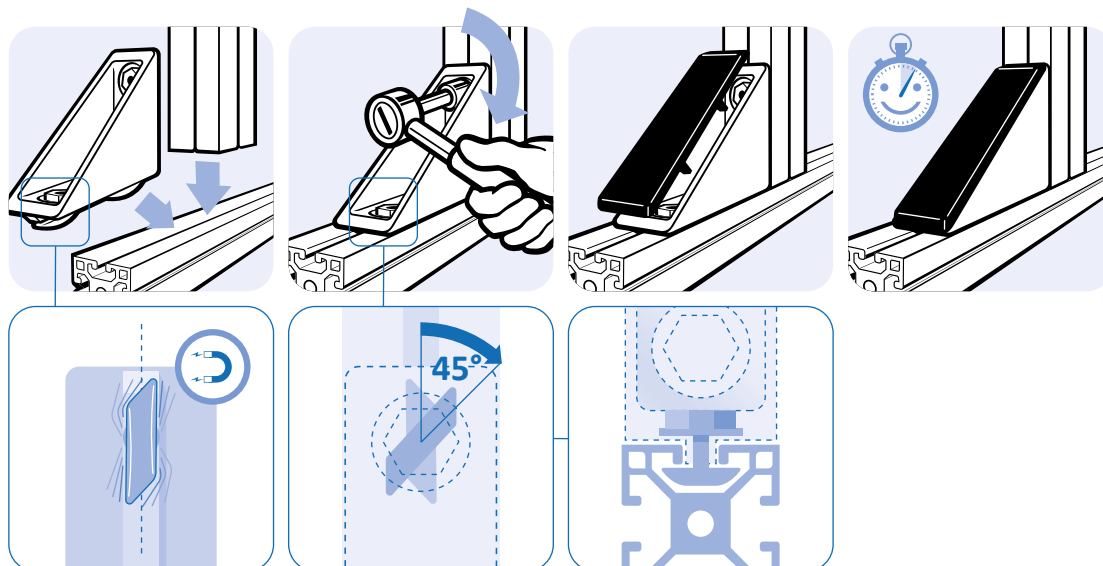


ALU CONNECTION ANGLE I40 X 80 M (SET)

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles quickly at right angles, direct inserting into the profile slot thanks to correct positioning of the pre-assembled magnet rhombus screws and countersunk nuts; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced, Magnet rhombus screws: Steel Countersunk nuts: Steel
<b>SURFACE</b>	Angle: Powder coated Magnet rhombus screws: Zinc plated Countersunk nuts: Zinc plated
<b>COLOR</b>	Cover cap: Black, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



	Color	Slot	Weight [g]	Profile	Part #
	Angle: Alu color	8	197.0	I	093W809N08S01
	Cover cap: Black		21.0	I	093WA809
	Cover cap Gray ≈ RAL 7042		21.0	I	093WA809S01



ALU CONNECTION ANGLE 45

<b>MODEL</b>	Aluminum die-cast, profile 45 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover Cap: Plastic PA, glass fiber reinforced Centering piece: Nylon PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: - / alu color Cover cap: Black, gray Centering piece: Black
<b>ASSEMBLY SET</b>	2 hammer screws - slot 10 - M8 x 25, 2 flange nuts M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

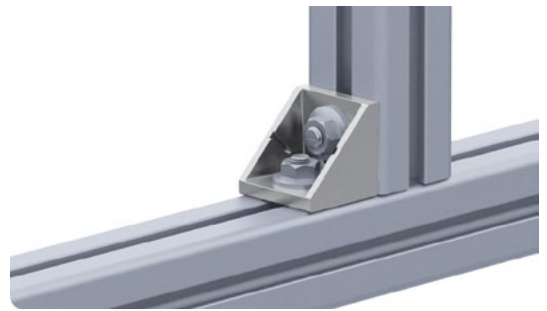
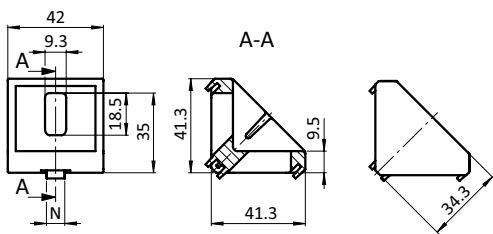
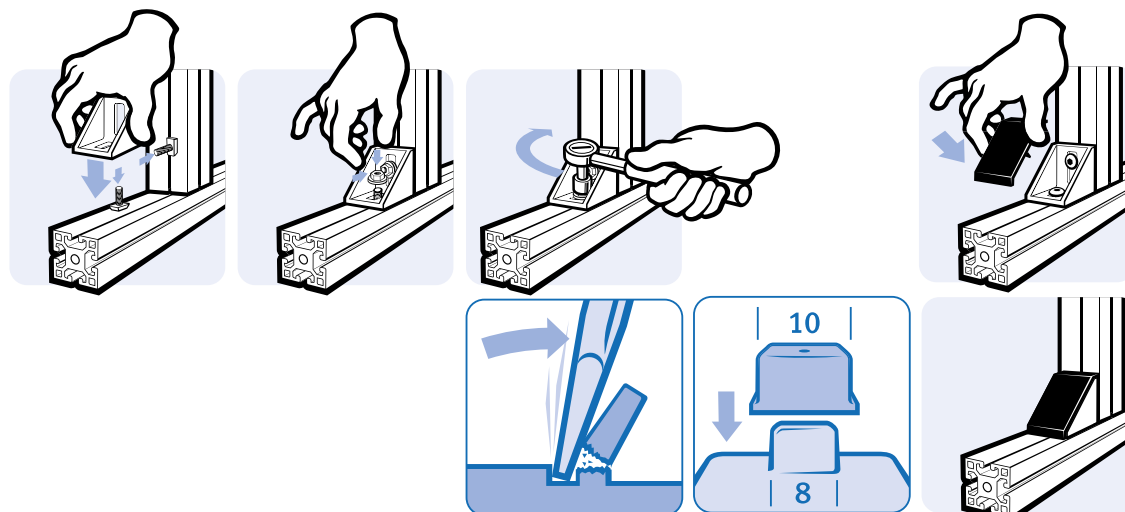
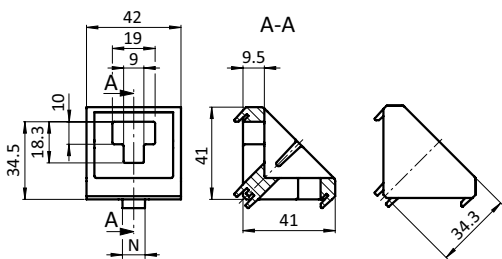


Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			49.5		093W421
①		Plain		8	50.7		093W421N08
①		Plain		10	53.6		093W421N10
①		Powder coated	Alu color	10	54.0		093W421N10S08
	Centering piece		Black	8 / 10	1.0		093W02
②			Flat cover cap black		9.0		093WA421S02
②	Flat cover cap gray ≈ RAL 7004				9.0		093WA421S06
②	Flat cover cap black ESD				8.0		093WA421S07
	incl. assembly set	Plain		10	97.6	B	093W421N10S04
	incl. assembly set	Powder coated	Alu color	10	98.0	B	093W421N10S09



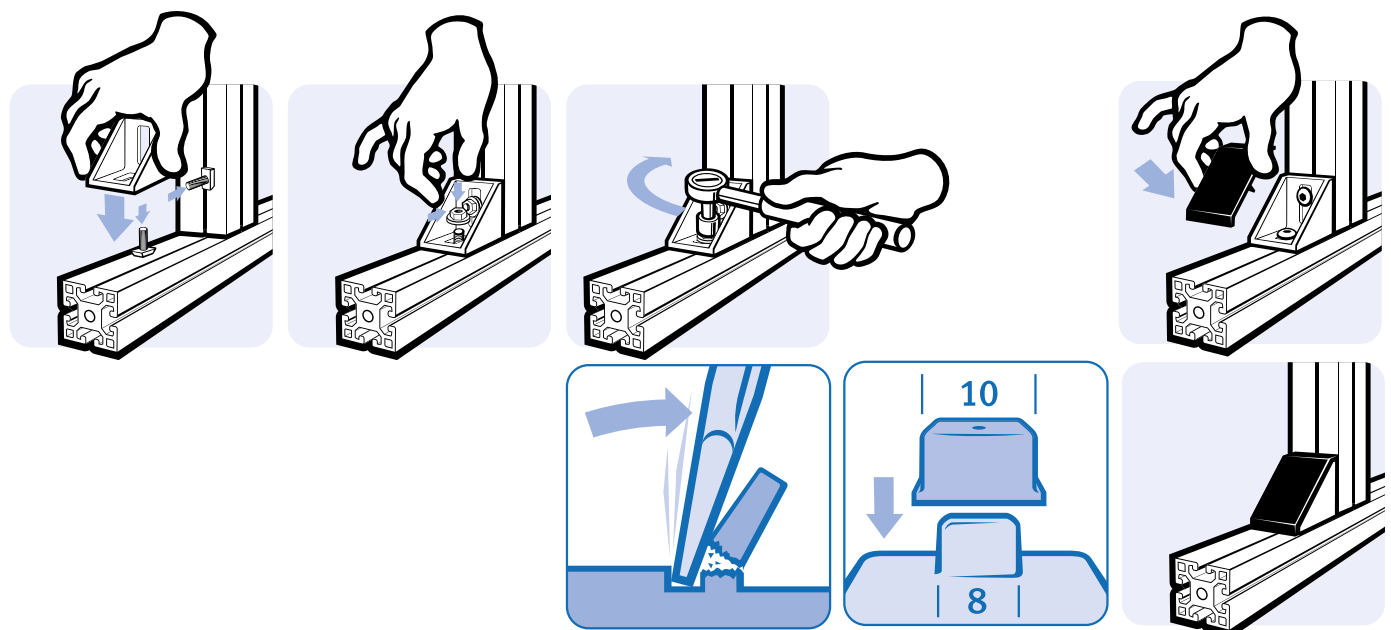
ALU CONNECTION ANGLE 45 T

<b>MODEL</b>	Aluminum die-cast, profile 45 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles, the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain Assembly set: Zinc plated
<b>COLOR</b>	Angle: - / alu color Cover cap: Black, gray Centering piece: Black
<b>ASSEMBLY SET</b>	2 hammer screws - slot 10 - M8 x 25, 2 flange nuts M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



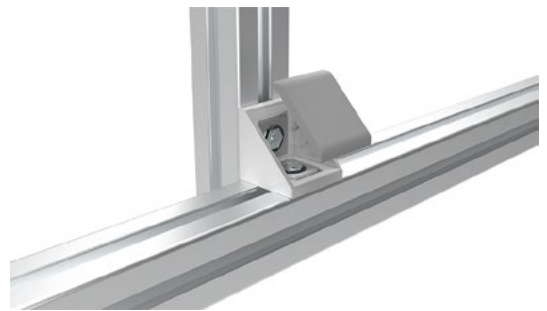
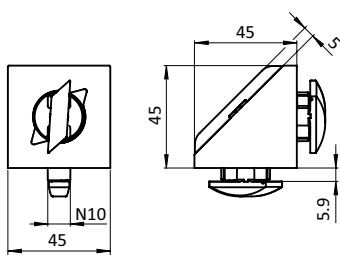
4

Fig.	Version	N	Weight [g]	Profile	Part #
①		10	54.3		093W423N10
②			9.0		093WA421S02
	incl. assembly set	10	107.6	B	093W423N10S02

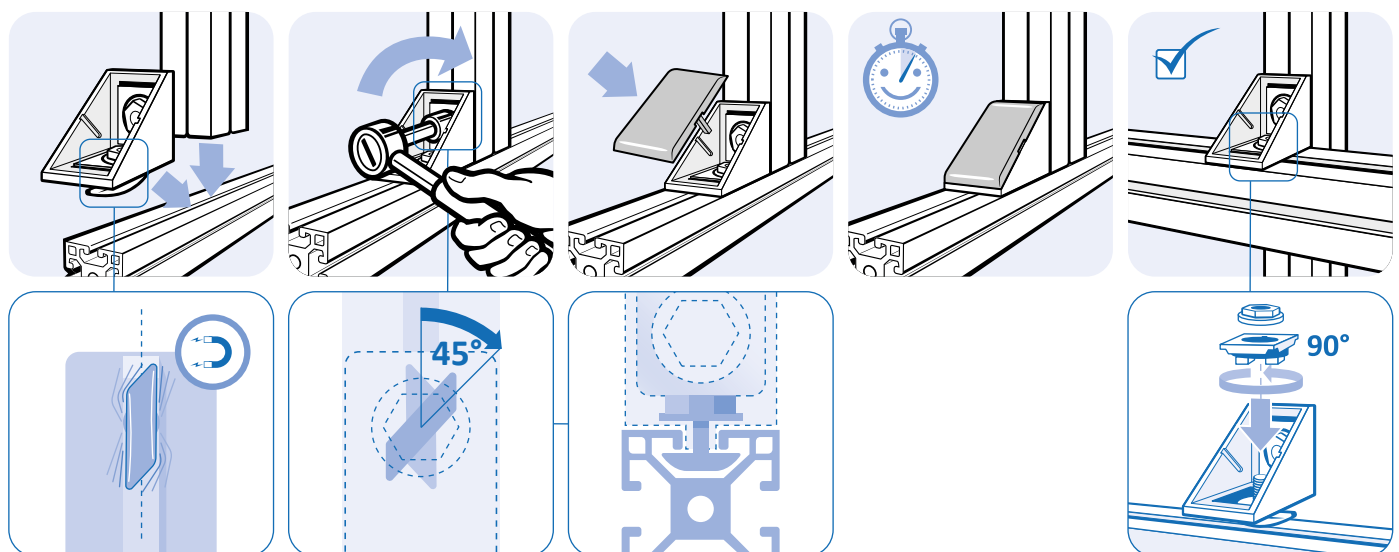


**ALU CONNECTION ANGLE B45 M LENGTH/CROSS (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles quickly at right angles lengthwise or crosswise, direct inserting into the profile slot thanks to correct positioning of the pre-assembled magnet rhombus screws and countersunk nuts; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced, Magnet rhombus screws: Steel Countersunk nuts: Steel Insert: Zinc die-cast # Ring: Plastic PE
<b>SURFACE</b>	Angle: Powder coated Magnet rhombus screws: Zinc plated Countersunk nuts: Zinc plated
<b>COLOR</b>	Angle: Alu color Cover cap: Gray≈ RAL 7004 Ring: Black
<b>SET</b>	1 angle 2 magnet rhombus screws 2 countersunk nuts M8 1 cover cap
<b>PACK QUANTITY</b>	10 pieces

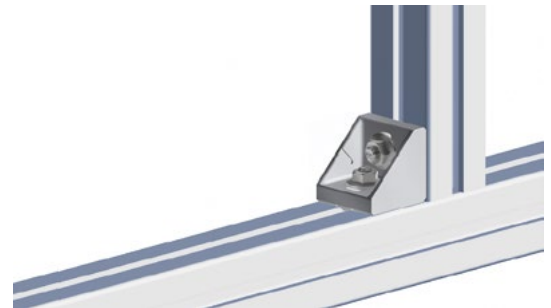
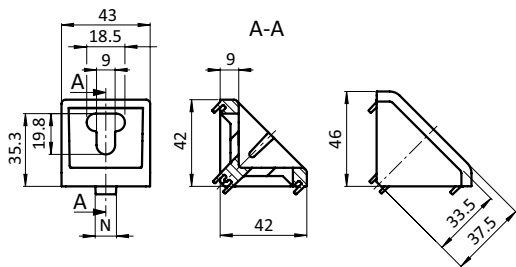


N	Weight [g]	Profile	Part #
10	135.0	B	<b>093W4510N10S01</b>



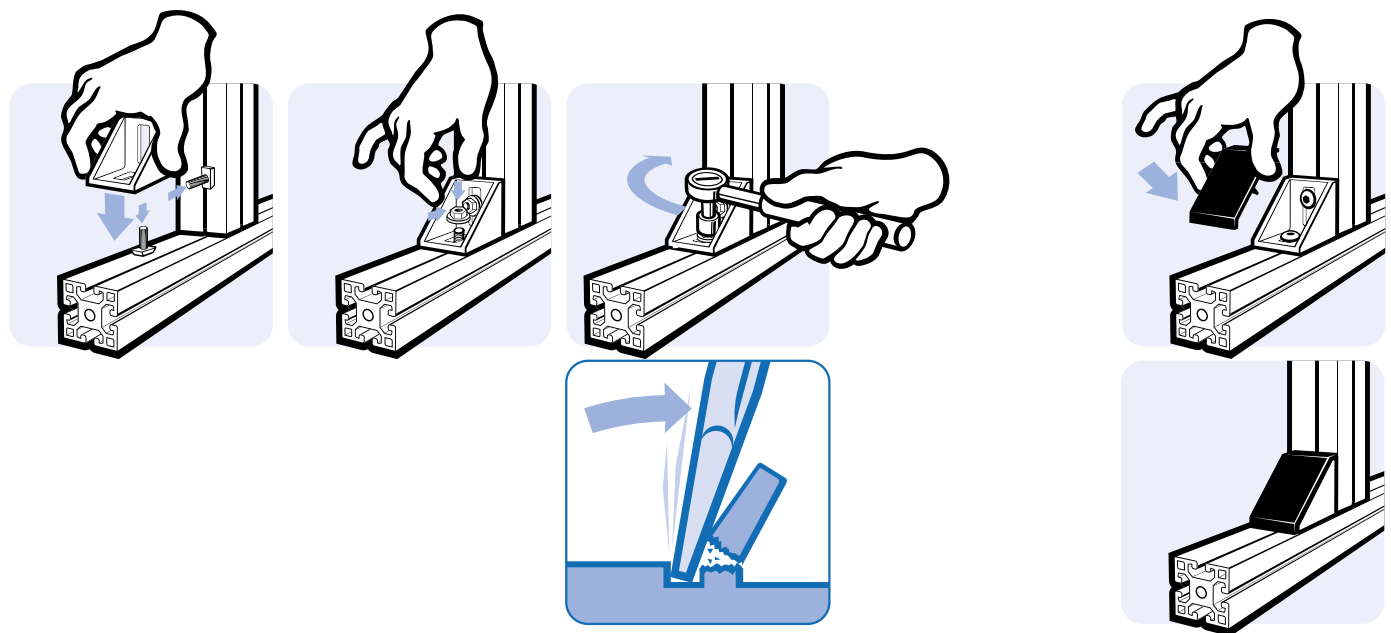
**ALU CONNECTION ANGLE 43 X 42**

<b>MODEL</b>	Aluminum die-cast, profile 45 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain Assembly set: Zinc plated
<b>COLOR</b>	Cover cap: Black Angle: Plain
<b>ASSEMBLY SET</b>	2 hammer screws - slot 10 - M8 x 25, 2 flange nuts M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



4

Fig.	Version	N	Weight [g]	Profile	Part #
①		10	54.2		093W422N10
②	Cover cap		9.0		093WA422
	incl. assembly set	10	103.0	B	093W422N10S01



**ALU CONNECTION ANGLE 45 X 90**

<b>MODEL</b>	Aluminum die-cast, profile 45 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover Cap: Plastic PA, glass fiber reinforced Centering piece: Nylon PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: - / alu color Cover cap: Black Centering piece: Natural
<b>ASSEMBLY SET</b>	4 hammer head screws - M8 x 25, 4 flange nuts M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			161.5		<a href="#">093W451</a>
①		Plain		8	163.0		<a href="#">093W451N08</a>
①		Plain		10	165.0		<a href="#">093W451N10</a>
①		Powder coated	Alu color	10	166.0		<a href="#">093W451N10S05</a>
	8 / 10				1.0		<a href="#">093W03</a>
②	Cover cap		Black		33.5		<a href="#">093WA451</a>
	incl. assembly set	Plain		10	254.0	B	<a href="#">093W451N10S01</a>
	incl. assembly set	Powder coated	Alu color	10	255.0	B	<a href="#">093W451N10S06</a>



ALU CONNECTION ANGLE 60

<b>MODEL</b>	Aluminum die-cast, profile 60 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover Cap: Plastic PA, glass fiber reinforced Centering piece: Nylon PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: - / alu color Cover cap: Black Centering piece: Black
<b>ASSEMBLY SET 1</b>	8 hammer nuts - slot 8 - M6, 8 screws DIN 7984 - M6 x 14
<b>ASSEMBLY SET 2</b>	4 hammer nuts - slot 8 - M6, 4 screws DIN 7984 - M6 x 14, 1 hammer screw - slot 10 - M8 x 20, 1 flange nut - M8, 2 plastic adapters - slot 8 to slot 10
<b>ASSEMBLY SET 3</b>	2 hammer head screws - M8 x 20, 2 flange nuts - M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

4

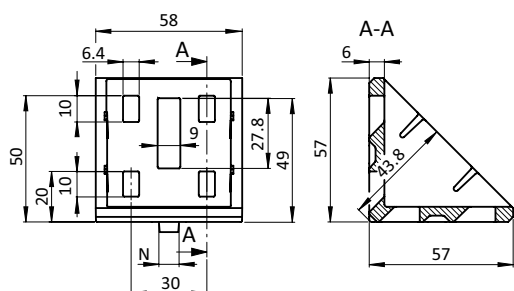


Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			103.0		093W603
①		Plain		8	106.0		093W603N08
①		Plain		10	109.0		093W603N10
①		Powder coated	Alu color	8	107.0		093W603N08S03
①		Powder coated	Alu color	10	111.0		093W603N10S04
	Centering piece		Black	8 / 10	1.0		093W02
②	Cover cap		Black		25.8		093WA603
	With assembly set 1	Plain		8	172.0	B	093W603N08S01
	With assembly set 2	Plain		8	160.0	B	093W603N08S02
	With assembly set 3	Plain		10	155.0	B	093W603N10S01
	With assembly set 3	Powder coated	Alu color	10	142.0	B	093W603N10S03

ALU CONNECTION ANGLE 80

<b>MODEL</b>	Aluminum die-cast, profile 80 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover Cap: Plastic PA, glass fiber reinforced Centering piece: Nylon PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: - / alu color Cover cap: Black, gray Centering piece: Black
<b>ASSEMBLY SET</b>	8 hammer head screws - slot 10 - M8 x 25, 8 flange nuts M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

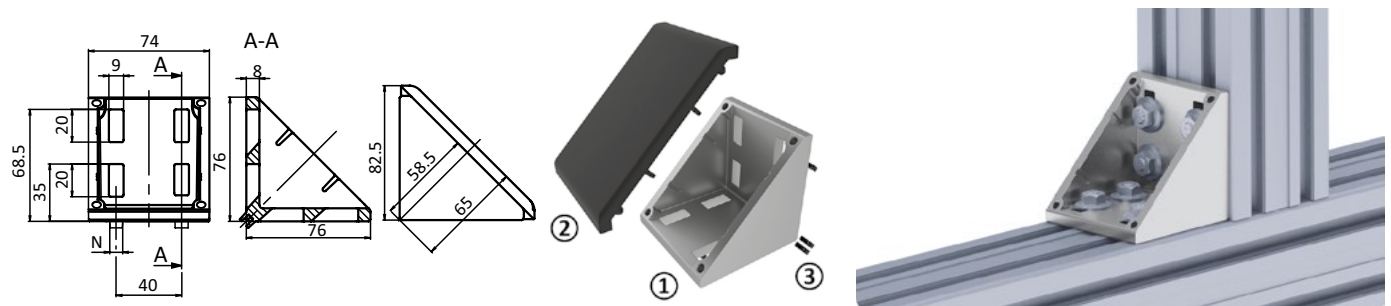
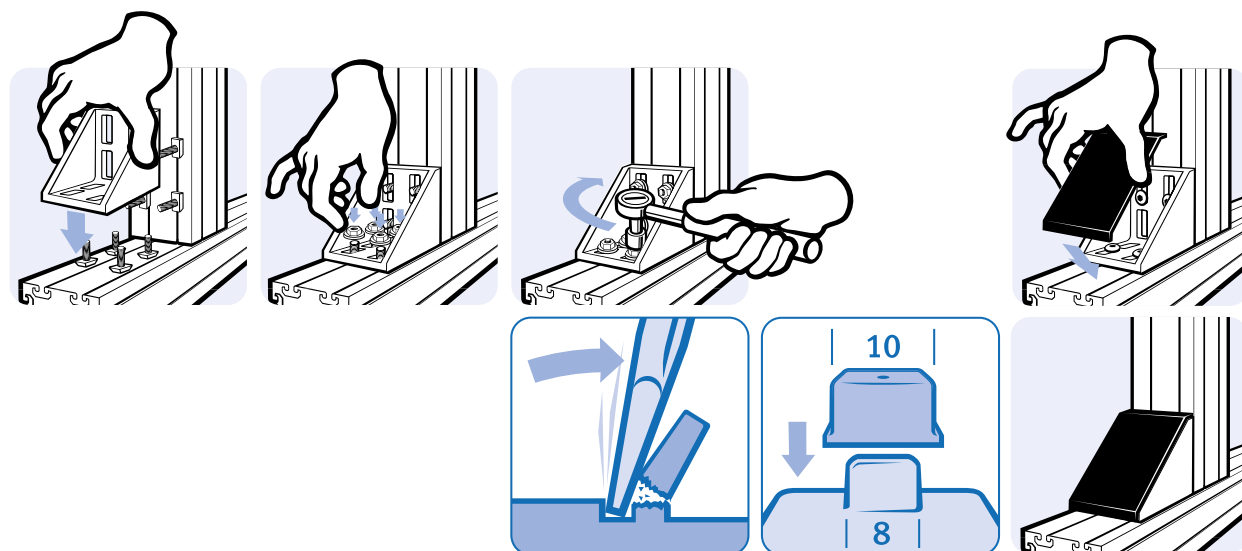


Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			212.0		093W806
①		Plain		8	220.0		093W806N08
①		Plain		10	225.0		093W806N10
①		Powder coated	Alu color	10	227.0		093W806N10S03
	Centering piece		Black	8 / 10	1.0		093W02
②	Cover cap		Black		42.0		093WA806
②	Cover cap		Gray ≈ RAL 7004		42.0		093WA806S03
	incl. assembly set	Plain		10	412.0	B	093W806N10S01
	incl. assembly set	Powder coated	Alu color	10	408.0	B	093W806N10S04

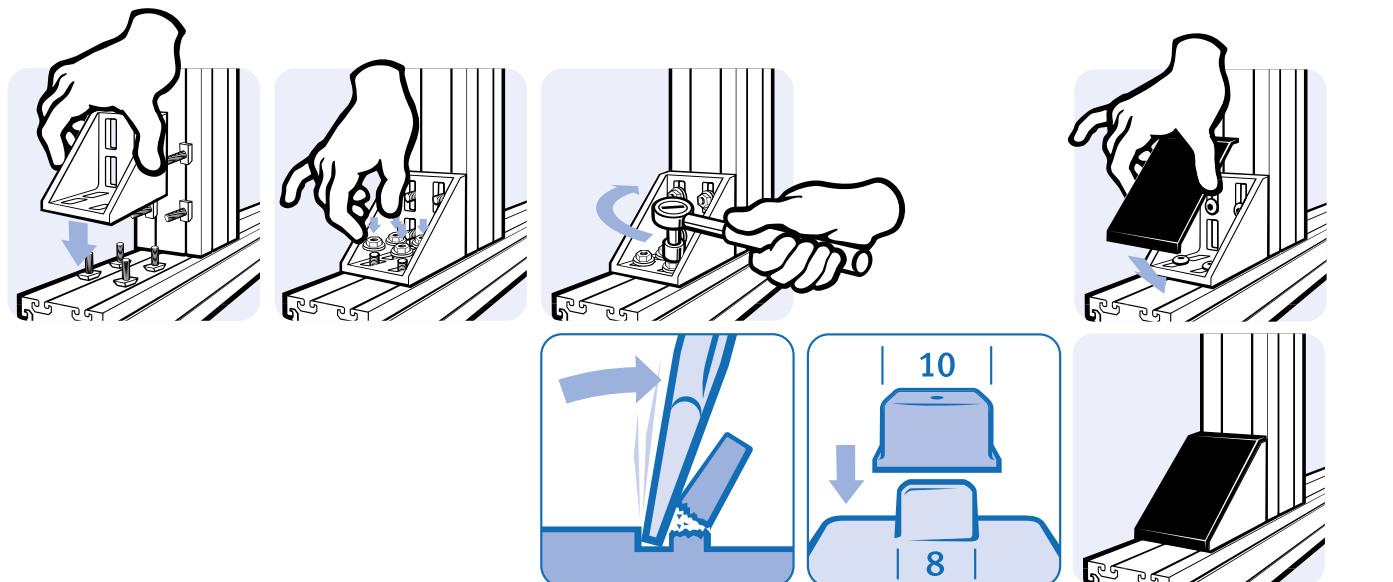


ALU CONNECTION ANGLE 90

<b>MODEL</b>	Aluminum die-cast, profile 90 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Aluminum die-cast Cover Cap: Plastic PA, glass fiber reinforced Centering piece: Nylon PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: - / alu color Cover cap: Black Centering piece: Black
<b>ASSEMBLY SET</b>	8 hammer head screws - M8 x 25, 8 flange nuts M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

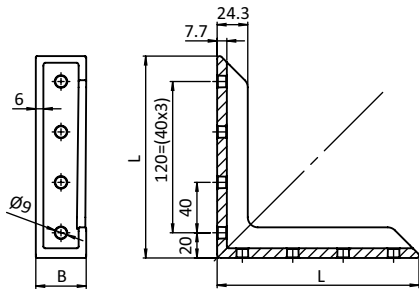


Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			339.0		093W901
①		Plain		8	341.0		093W901N08
①		Plain		10	358.0		093W901N10
①		Powder coated	Alu color	10	360.0		093W901N10S06
	Centering piece		Black	8 / 10	1.0		093W02
②	Cover cap		Black		60.0		093WA901
	incl. assembly set	Plain		10	527.1	B	093W901N10S02
	incl. assembly set	Powder coated	Alu color	10	532.0	B	093W901N10S07



**ALU SUPPORT BRACKET 40 X 160**

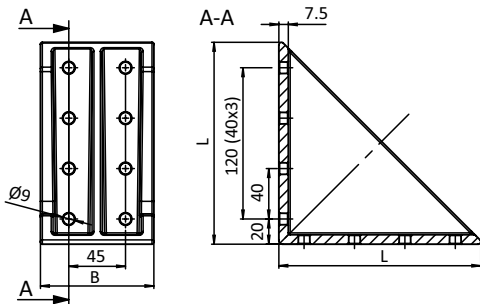
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles or to securely fix aluminum profiles to the floor
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Compatible Fixation T-Slot Nut (Set) for Support Bracket 160 see 096000S83



B [mm]	L [mm]	Weight [g]	Part #
40	160	495	<b>093W409</b>

**ALU SUPPORT BRACKET 80 X 160**

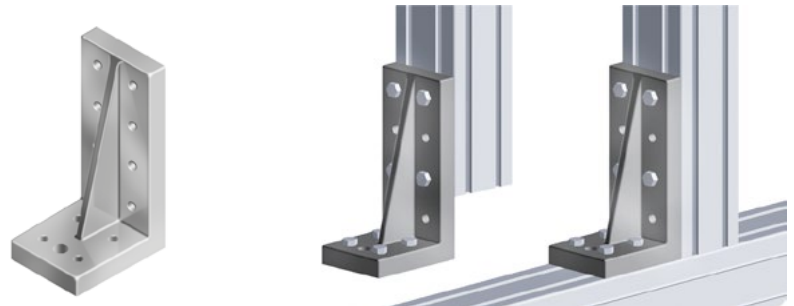
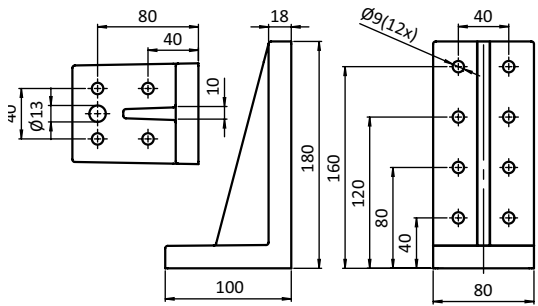
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles or to securely fix aluminum profiles to the floor
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Compatible Fixation T-Slot Nut (Set) for Support Bracket 160 see 096000S83



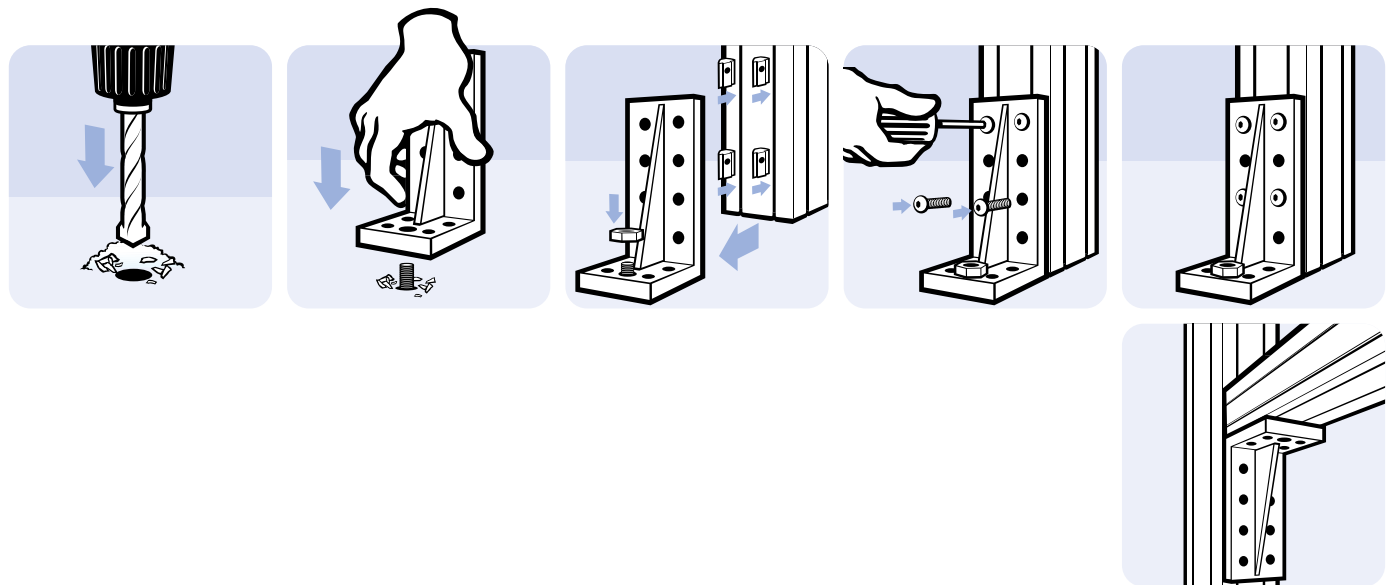
B [mm]	L [mm]	Weight [g]	Part #
80	160	815	093W810

**ALU SUPPORT BRACKET 80 X 180**

<b>MODEL</b>	Aluminum die-cast, profile 80 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles or to securely fix aluminum profiles to the floor
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	- / alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

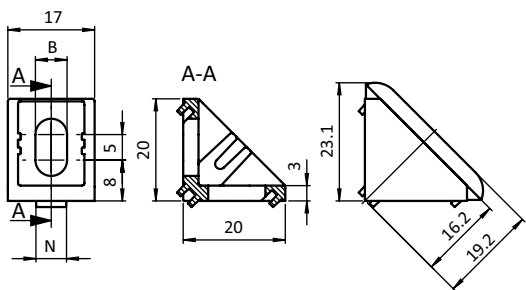


Surface	Color	Weight [g]	Part #
Plain		681.0	<b>093W805</b>
Powder coated	Alu color	681.0	<b>093W805S01</b>



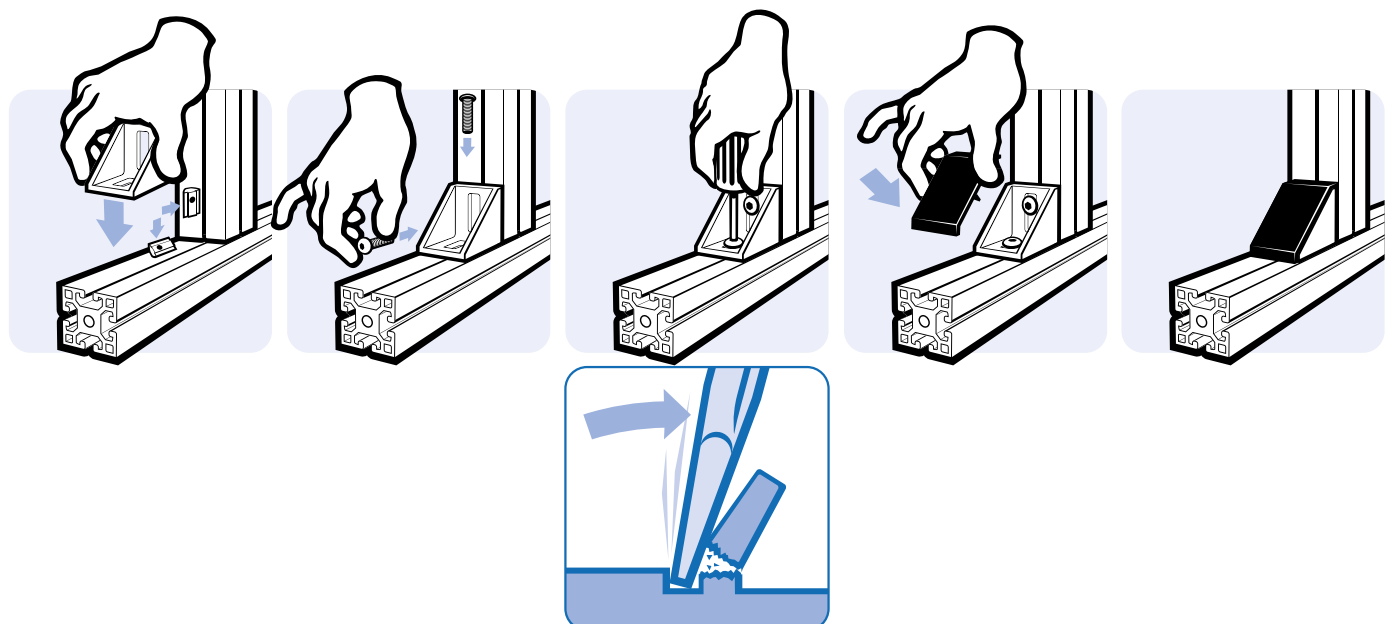
ZINC CONNECTION ANGLE 20

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: Alu color Cover cap: Black
<b>ASSEMBLY SET</b>	1 cover cap - plastic PA - black, 2 T-slot nuts - slot 5 - M5, 2 screws DIN 6912 - M5 x 8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



4

Fig.	Version	Surface	Color	B [mm]	N	Weight [g]	Profile	Part #
①		Plain		6.2		13.0		093W201R
①		Plain		5.5	5	13.2		093W201N05R
①		Plain		6.2	6	14.0		093W201N06R
①		Powder coated	Alu color	6.2		13.2		093W201
①		Powder coated	Alu color	5.5	5	13.6		093W201N05
①		Powder coated	Alu color	6.2	6	14.2		093W201N06
②	Cover cap		Black			1.6		093WA201
	incl. assembly set	Powder coated	Alu color	5.5	5	24.7	I	093W201N05S01



ZINC CONNECTION ANGLE 20 X 28

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two profiles and panels at right angles
<b>MATERIAL</b>	Angle: Zinc die-cast Assembly set: Steel Centering piece: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Angle: Plain Assembly set: Zinc plated
<b>COLOR</b>	Centering piece: Natural
<b>ASSEMBLY SET</b>	2 hammer nuts - slot 8 - M6, 2 screws DIN 7984 - M6 x 12
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

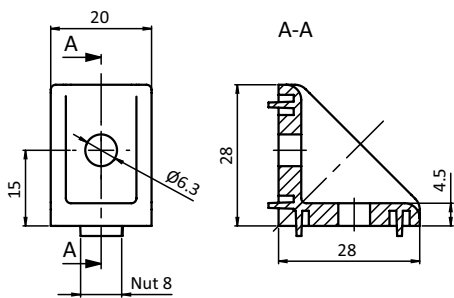
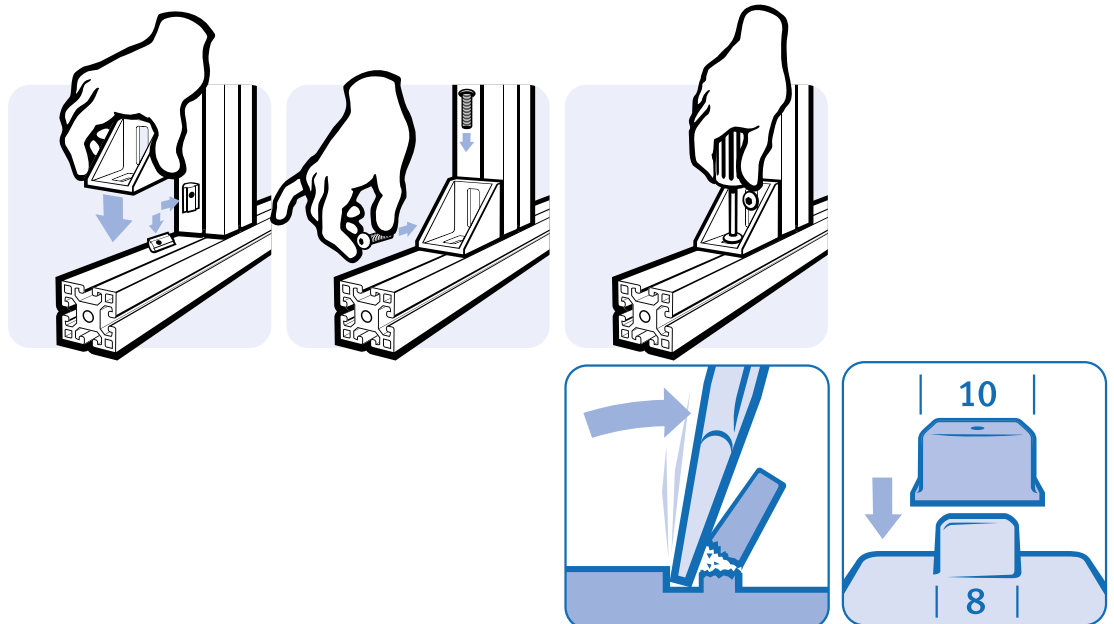


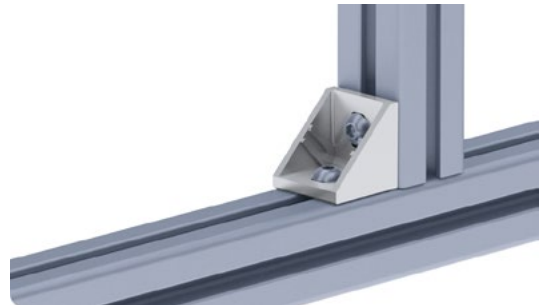
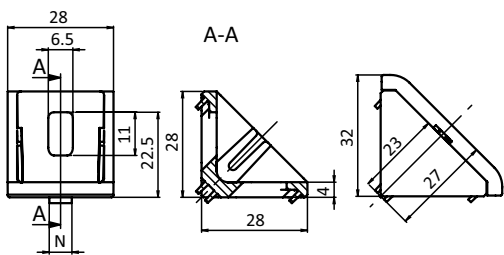
Fig.	Version	Slot	Weight [g]	Profile	Part #
①		8	34.0		093W206N08R
		8 / 10	1.0		093W03
②	incl. assembly set	8	50.0	B	093W206N08RS02





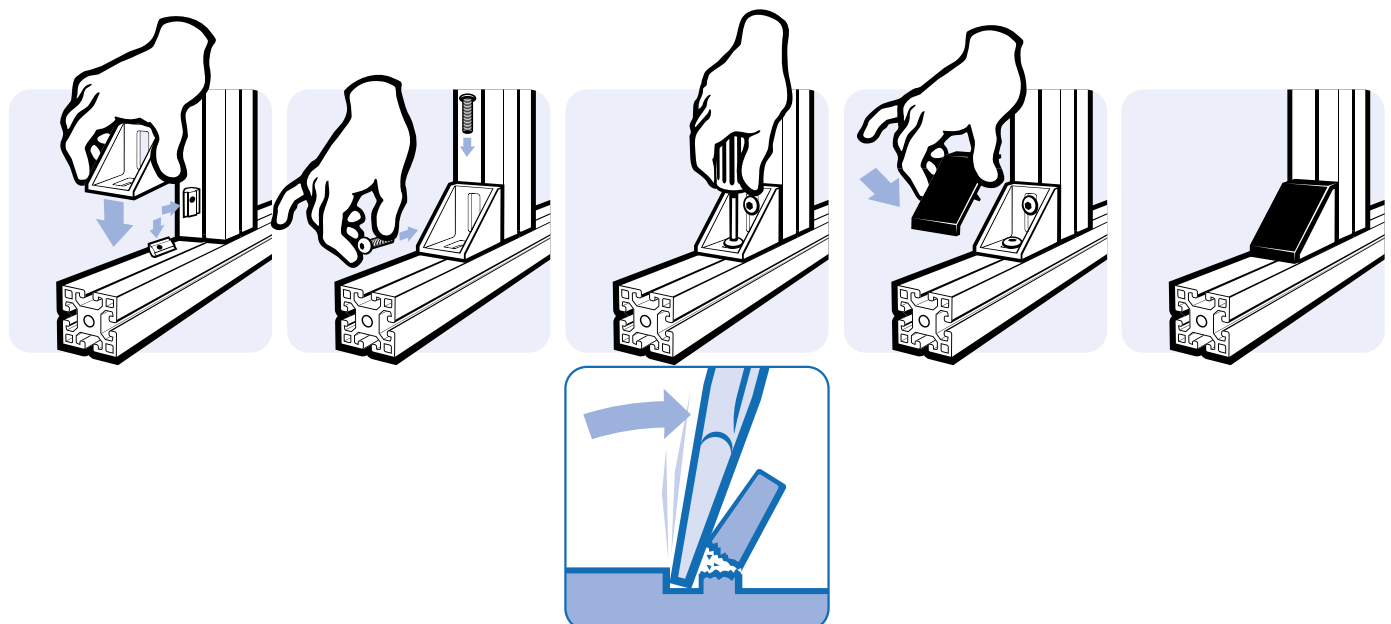
ZINC CONNECTION ANGLE 30

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: Alu color Cover cap: Black
<b>ASSEMBLY SET</b>	1 Cover cap - Plastic PA - black, 2 T-slot nuts - slot 6 - M6, 2 Screws ISO 7380 - M6 x 12
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



4

Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			39.0		093W301R
①		Plain		6	39.4		093W301N06R
①		Plain		8	39.6		093W301N08R
①		Powder coated	Alu color		39.4		093W301
①		Powder coated	Alu color	6	40.0		093W301N06
①		Powder coated	Alu color	8	40.5		093W301N08
②	Cover cap		Black		5.5		093WA301
	incl. assembly set	Powder coated	Alu color	6	68.0	I	093W301N06S01



ZINC CONNECTION ANGLE 40 FLAT

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: - / alu color Cover cap: Black, gray
<b>ASSEMBLY SET</b>	1 Cover cap - Plastic PA - black, 2 T-slot nuts - slot 8 - M8, 2 Screws ISO 7380 - M8 x 16
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

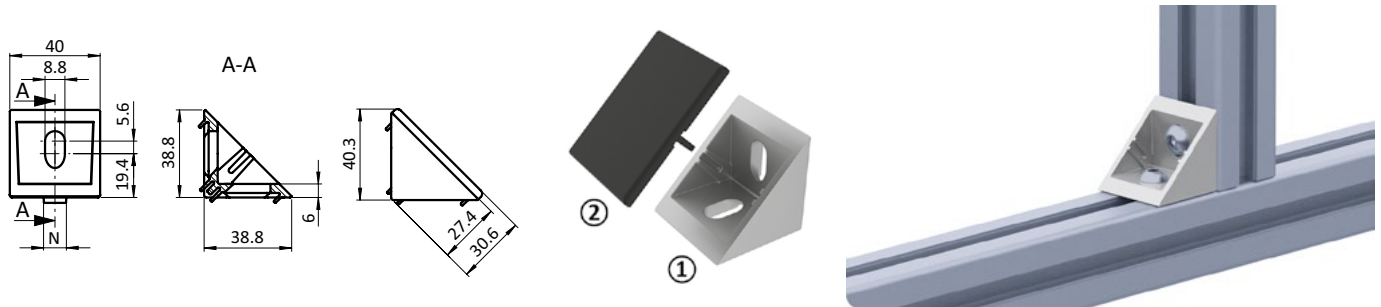
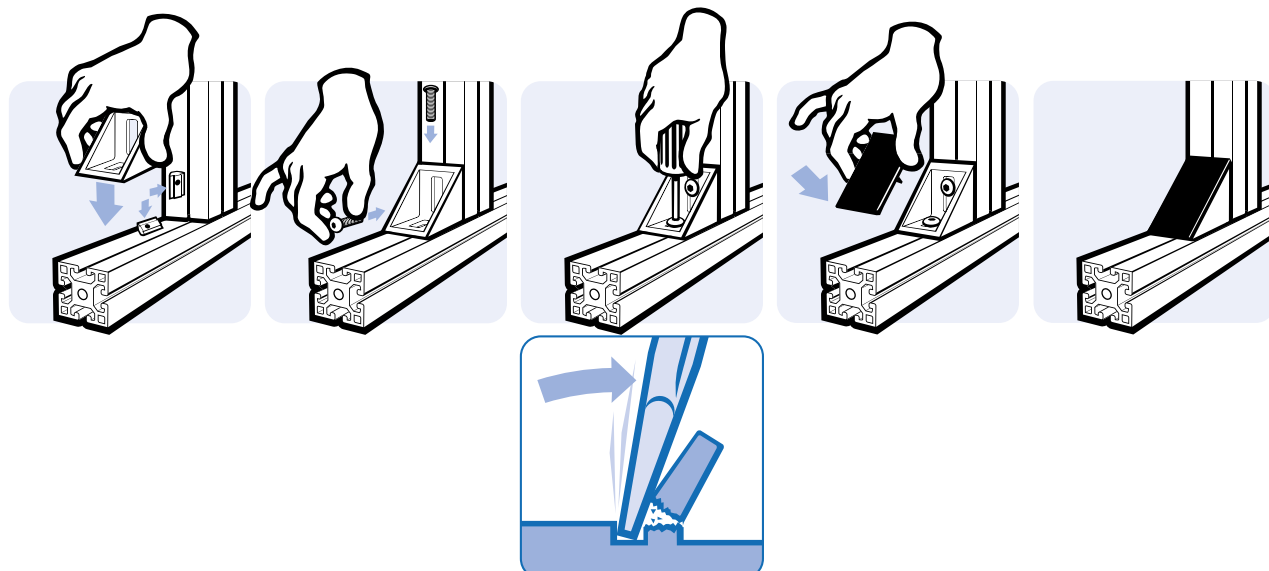
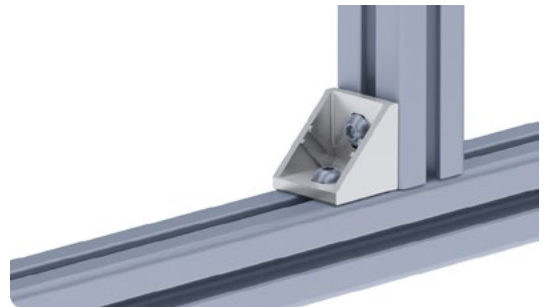
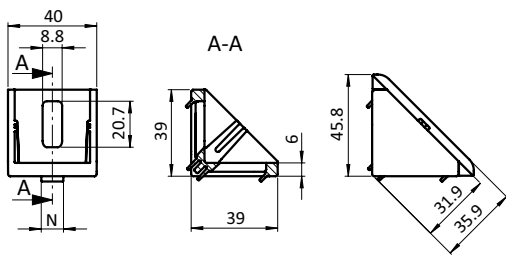


Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			84.6		093W401R
①		Plain		8	84.0		093W401N08R
①		Plain		10	87.4		093W401N10R
①		Powder coated	Alu color		86.8		093W401
①		Powder coated	Alu color	8	88.0		093W401N08
①		Powder coated	Alu color	10	90.0		093W401N10
②	Cover cap		Black		8.0		093WA401
②	Cover cap		Gray ≈ RAL 7042		8.0		093WA401S01
	incl. assembly set	Powder coated	Alu color	8	135.5	I	093W401N08S03



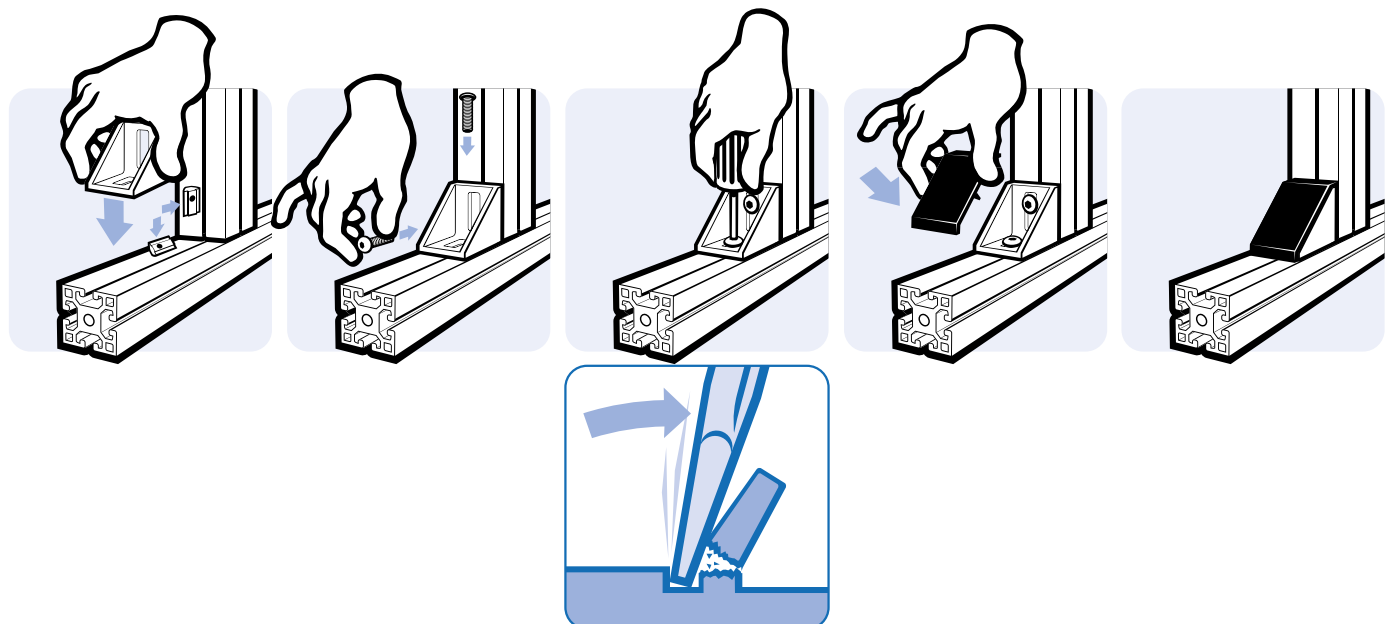
ZINC CONNECTION ANGLE 40

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: Alu color Cover cap: Black
<b>ASSEMBLY SET</b>	1 Cover cap - Plastic PA - black, 2 T-slot nuts - slot 8 - M8, 2 Screws ISO 7380 - M8 x 16
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



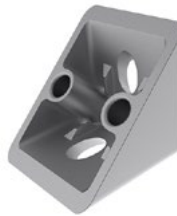
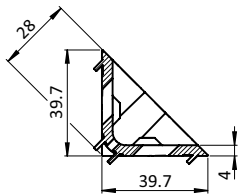
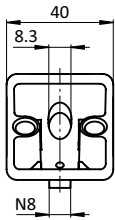
4

Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			95.9		093W402R
①		Plain		8	98.0		093W402N08R
①		Plain		10	99.0		093W402N10R
①		Powder coated	Alu color		97.8		093W402
①		Powder coated	Alu color	8	100.0		093W402N08
①		Powder coated	Alu color	10	102.5		093W402N10
②	Cover cap		Black		11.4		093WA402
	incl. assembly set	Powder coated	Alu color	8	146.5	I	093W402N08S02



ZINC CONNECTION ANGLE I 40

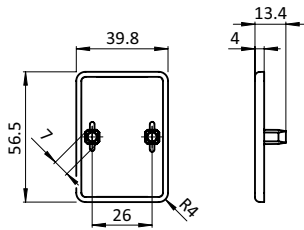
<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles, the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Cover cap: Black
<b>ASSEMBLY SET</b>	1 cover cap - plastic PA - black, 2 T-slot nuts - slot 8 - M8, 2 screws DIN EN ISO 7380 - M8 x 16, 1 washer DIN EN ISO 4759-3 (DIN 988)
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Other surfaces, other colors on request



Version	Surface	Color	N	Weight [g]	Profile	Part #
	Plain		8	102.0		<a href="#">093W407N08R</a>
	Powder coated	Alu color	8	103.9		<a href="#">093W407N08</a>
incl. assembly set	Powder coated	Alu color	8	129.5	I	<a href="#">093W407N08S01</a>

**COVER CAP FOR ZINC CONNECTION ANGLE I 40**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To cover the open side of the connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Zinc Connection Angle I 40 see 093W407N08R



Weight [g]

Part #

8.0

093WA407

**ZINC CONNECTION ANGLE V 40 (SET)**

<b>MODEL</b>	Zinc die-cast, slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; particularly suitable for fixing horizontal profiles between upright profiles or for attaching other components to profiles; with turn-lock slot 8 on one of the rear sides
<b>MATERIAL</b>	Connection angle: Zinc die-cast Screws and T-slot nuts: Steel
<b>SURFACE</b>	Connection Angle: Powder coated Screws and T-slot nuts: Zinc plated
<b>COLOR</b>	Alu color
<b>SET</b>	1 connection angle V40 - slot 8, 2 screws DIN 7991 - M8 x 18, 2 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request



Dimensions L x B x H [mm]	D	N	Weight [g]	Profile	Part #
40 x 40 x 40	9.0	8	164.7	I	<a href="#">093WI40N08S01</a>

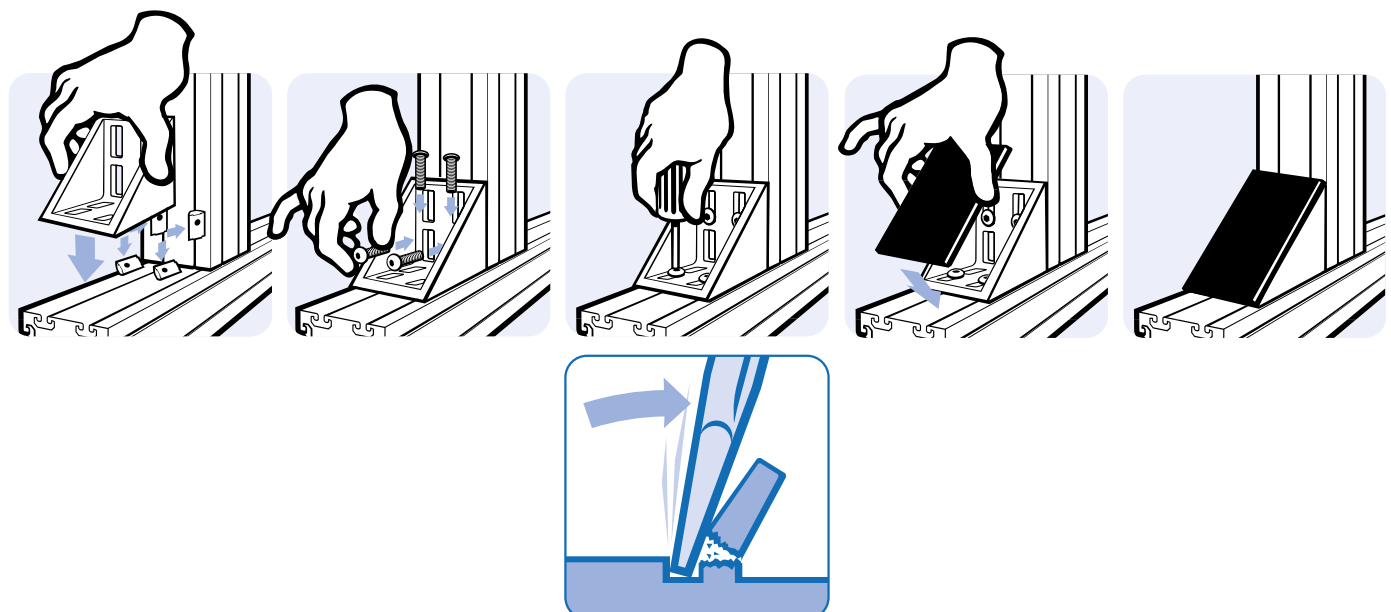
ZINC CONNECTION ANGLE 40 X 80 FLAT

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Angle: Alu color Cover cap: Black
<b>ASSEMBLY SET</b>	1 Cover cap - Plastic PA - black, 4 T-slot nuts - slot 8 - M8, 4 Screws ISO 7380 - M8 x 16
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



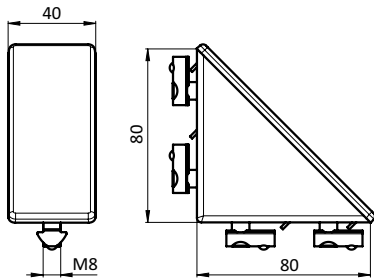
4

Fig.	Version	Surface	Color	N	Weight [g]	Profile	Part #
①		Plain			267.0		<a href="#">093W802R</a>
①		Plain		8	269.0		<a href="#">093W802N08R</a>
①		Plain		10	269.5		<a href="#">093W802N10R</a>
①		Powder coated	Alu color		267.5		<a href="#">093W802</a>
①		Powder coated	Alu color	8	270.0		<a href="#">093W802N08</a>
①		Powder coated	Alu color	10	271.0		<a href="#">093W802N10</a>
②	Cover cap		Black		17.2		<a href="#">093WA802</a>
	incl. assembly set	Powder coated	Alu color	8	361.0	I	<a href="#">093W802N08S02</a>



ZINC CONNECTION ANGLE I 40 X 80 FLAT (SET)

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle: Powder coated Screws: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Angle: Alu color Cover cap: Black
<b>SET</b>	1 connection angle 1 cover cap 4 T-slot nut - slot 8 - M8 4 screws ISO 7380 - M8 x 18 4 washer
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other sizes, other surfaces on request



Weight [g]	Profile	Part #
399.2		<a href="#">093W8010N08S01</a>



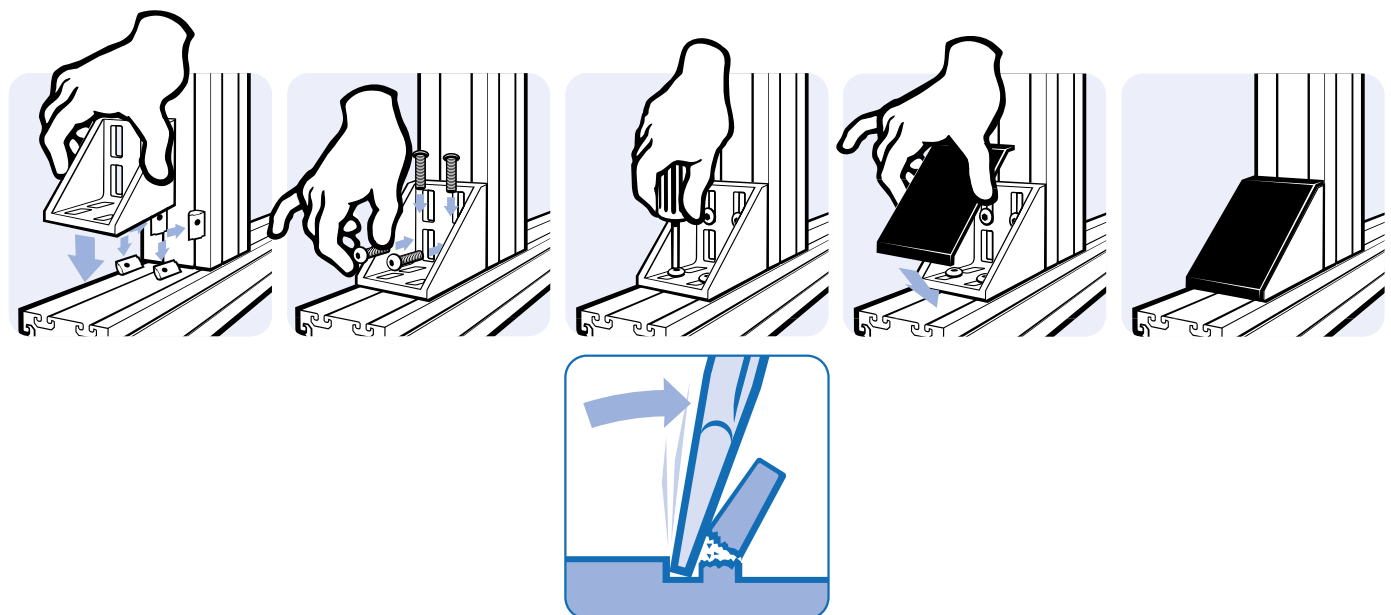
ZINC CONNECTION ANGLE 60

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Angle: Plain / Powder coated
<b>COLOR</b>	Angle: Alu color Cover cap: Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



4

Fig.	Version	Surface	Color	N	Weight [g]	Part #
①		Plain			222.0	093W601R
①		Plain		8	225.0	093W601N08R
①		Plain		10	227.0	093W601N10R
①		Powder coated	Alu color		224.0	093W601
①		Powder coated	Alu color	8	228.0	093W601N08
①		Powder coated	Alu color	10	230.0	093W601N10
②	Cover cap		Black		24.6	093WA601



ZINC CONNECTION ANGLE 80 FLAT

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles or panels at right angles; the connection angle can be closed with the cover cap
<b>MATERIAL</b>	Angle: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Angle: Plain / Powder coated
<b>COLOR</b>	Angle: Alu color Cover cap: Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

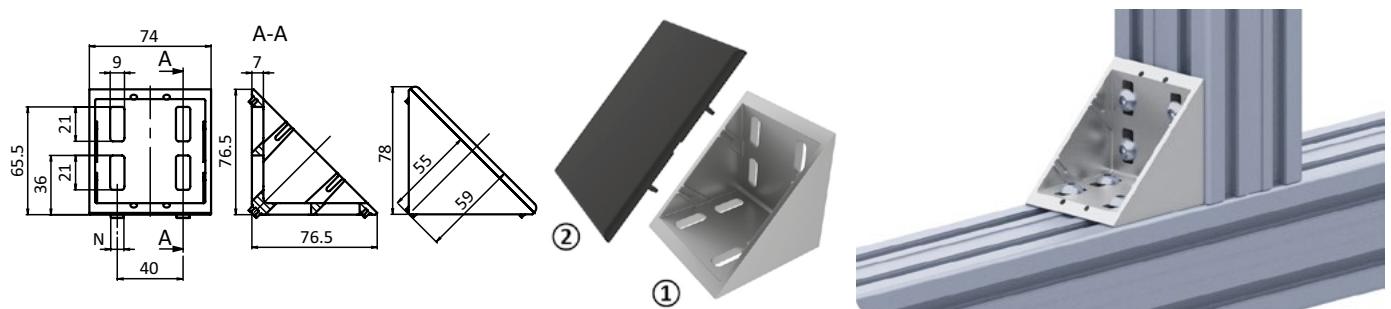
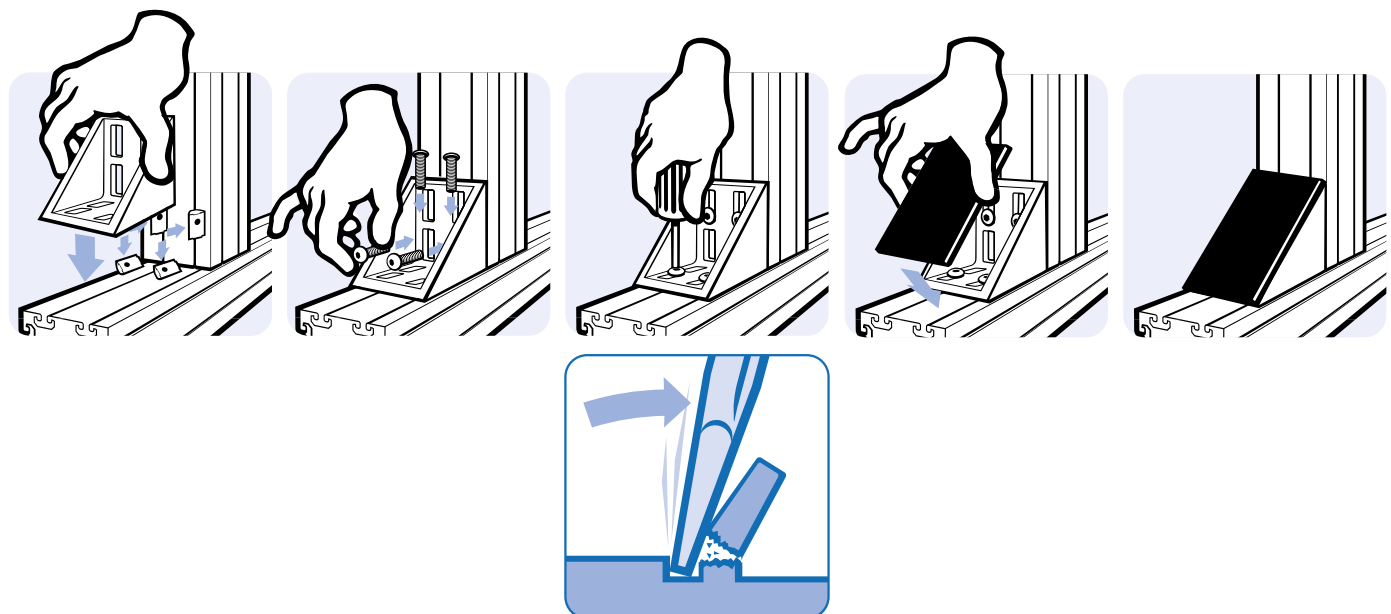
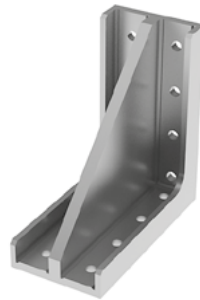
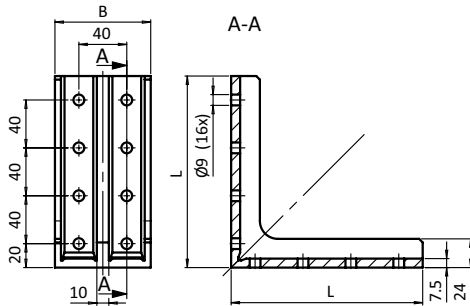


Fig.	Version	Surface	Color	N	Weight [g]	Part #
①		Plain			403.0	093W803R
①		Plain		8	407.0	093W803N08R
①		Plain		10	412.5	093W803N10R
①		Powder coated	Alu color		405.0	093W803
①		Powder coated	Alu color	8	410.0	093W803N08
①		Powder coated	Alu color	10	415.0	093W803N10
②	Cover cap		Black		39.8	093WA803



**STEEL SUPPORT BRACKET 80 X 160**

<b>MODEL</b>	Gray cast iron
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles or to securely fix aluminum profiles to the floor
<b>MATERIAL</b>	Ductile iron SS410S
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Compatible Fixation T-slot Nut for Connection Angle 80 / 160 see 096000S83



B [mm]	L [mm]	N	Weight [g]	Part #
80	160	8	2604.0	093W807

**ROLL-IN T-SLOT NUT FOR SUPPORT BRACKET 160**

<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	Roll-in T-slot nut
<b>MATERIAL</b>	T-slot nut, screws and shims: Zinc plated steel Ball: Stainless steel
<b>ASSEMBLY SET</b>	4x M8, 4 screws ISO 7380 - M8 x 20, 4 shims DIN EN ISO 7089 (DIN 125) - 8,4
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	ESD electrostatical discharging, available on request

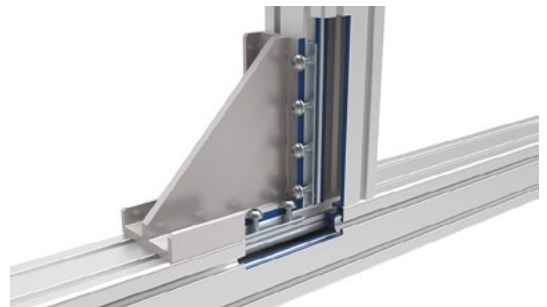
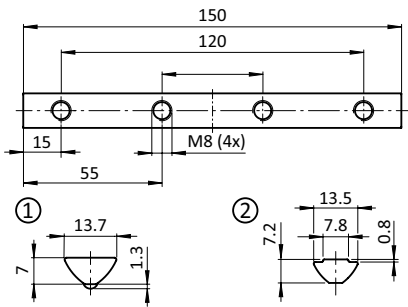


Fig.	Version	Assembly Set	Size	Weight [g]	Profile	Part #
②	Self-aligning T-slot nut		M8	69.0	I	<a href="#">096020S92</a>
①	T-slot nut with spring loaded ball	With assembly set	M8	122.3	I	<a href="#">096000S83</a>

**STEEL CONNECTION ANGLE 30 X 45**

<b>MODEL</b>	Steel, profile 30 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces

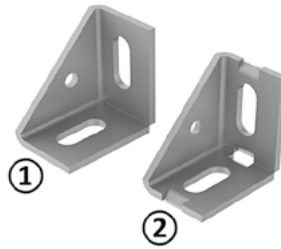
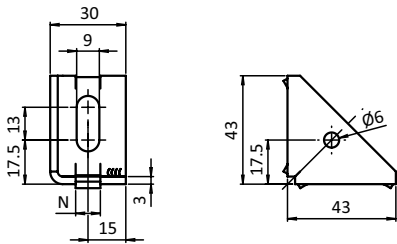
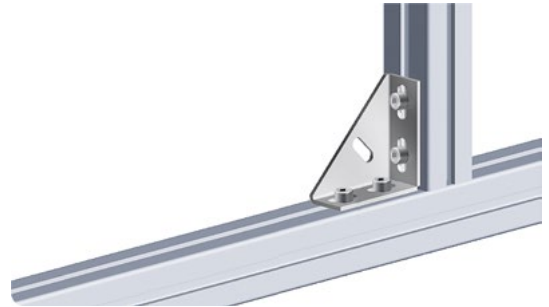
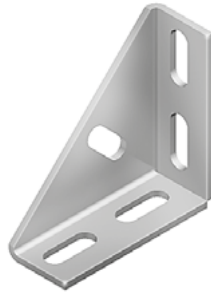
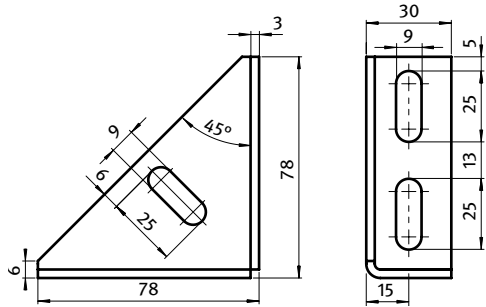


Fig.	N	Weight [g]	Part #
①		63.5	093WV431V
②	10	63.0	093WV432V

**STEEL CONNECTION ANGLE 30 X 80**

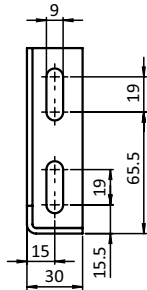
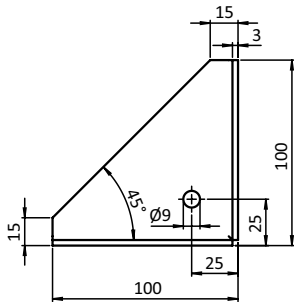
<b>MODEL</b>	Steel, profile 30 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



	Weight [g]	Part #
	139.0	093WV781V

**STEEL CONNECTION ANGLE 30 X 100 – 1 HOLE**

<b>MODEL</b>	Steel, profile 30 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



**Weight [g]**

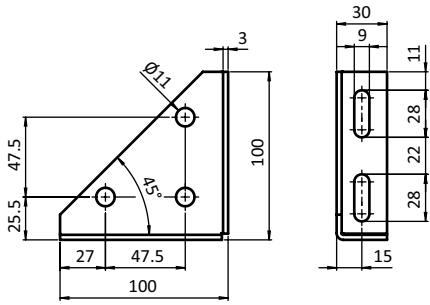
**Part #**

239.0

093WV1003V

**STEEL CONNECTION ANGLE 30 X 100 - 3-HOLE**

<b>MODEL</b>	Steel, profile 30 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



Weight [g]	Part #
232.0	<b>093WV1004V</b>



**STEEL CONNECTION ANGLE 45 X 100**

<b>MODEL</b>	Steel, profile 45 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



Slot	Weight [g]	Part #
	278.9	093WV1002V
10	277.2	093WV1001V

**STEEL CONNECTION ANGLE 20**

<b>MODEL</b>	Steel, profile 20 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces on request

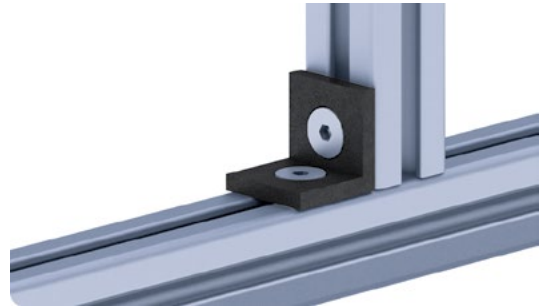
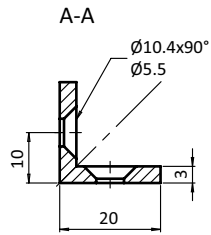
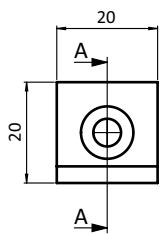


Fig.	Color	Weight [g]	Part #
①	Black	15.3	<a href="#">093WU201S</a>
②	Alu color	15.0	<a href="#">093WU201A</a>

**STEEL CONNECTION ANGLE 30**

<b>MODEL</b>	Steel, profile 30 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated / powder coated
<b>COLOR</b>	Black, alu color, -
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces on request

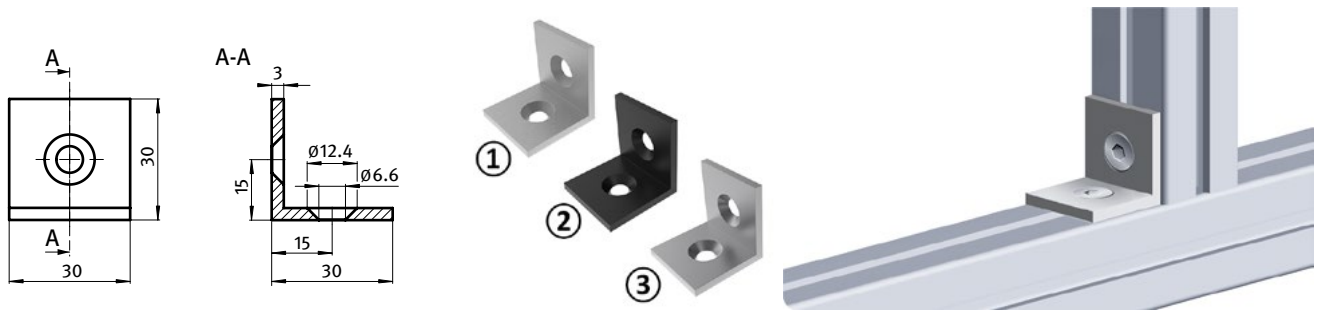


Fig.	Surface	Color	Weight [g]	Part #
③	Zinc plated		37.5	<a href="#">093WU302V</a>
②	Powder coated	Black	37.5	<a href="#">093WU302S</a>
①	Powder coated	Alu color	37.7	<a href="#">093WU302A</a>

**STEEL CONNECTION ANGLE 40**

<b>MODEL</b>	Steel, profile 40 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated / powder coated
<b>COLOR</b>	Black, alu color, -
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces on request

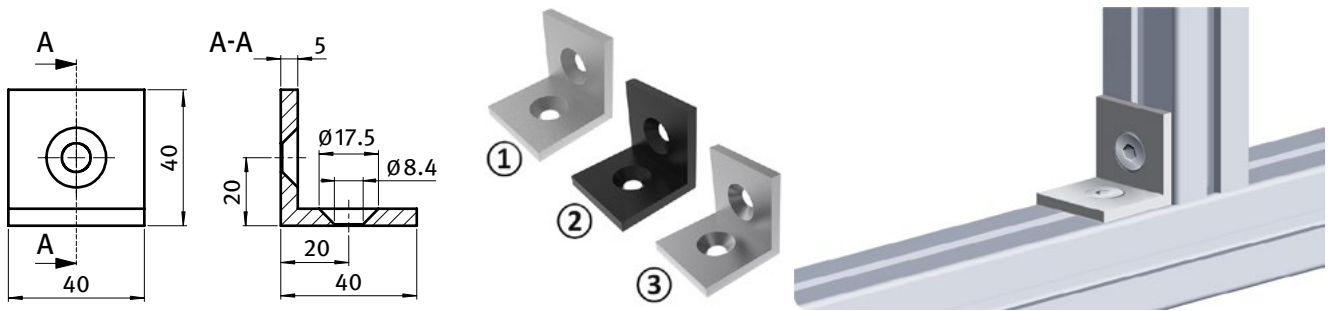
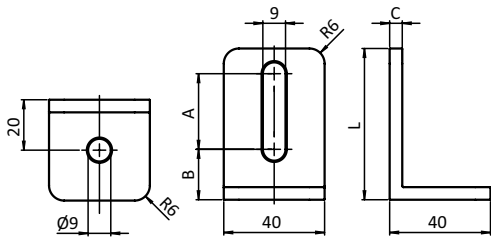


Fig.	Surface	Color	Weight [g]	Part #
③	Zinc plated		102.0	<a href="#">093WU401VS01</a>
②	Powder coated	Black	102.0	<a href="#">093WU401S</a>
①	Powder coated	Alu color	108.6	<a href="#">093WU401A</a>

**STEEL CONNECTION ANGLE 40 EH**

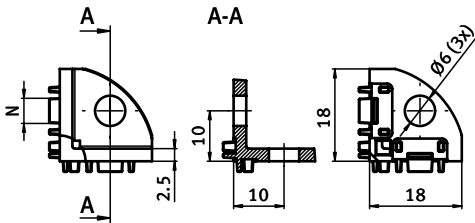
<b>MODEL</b>	Steel, profile 40 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces on request



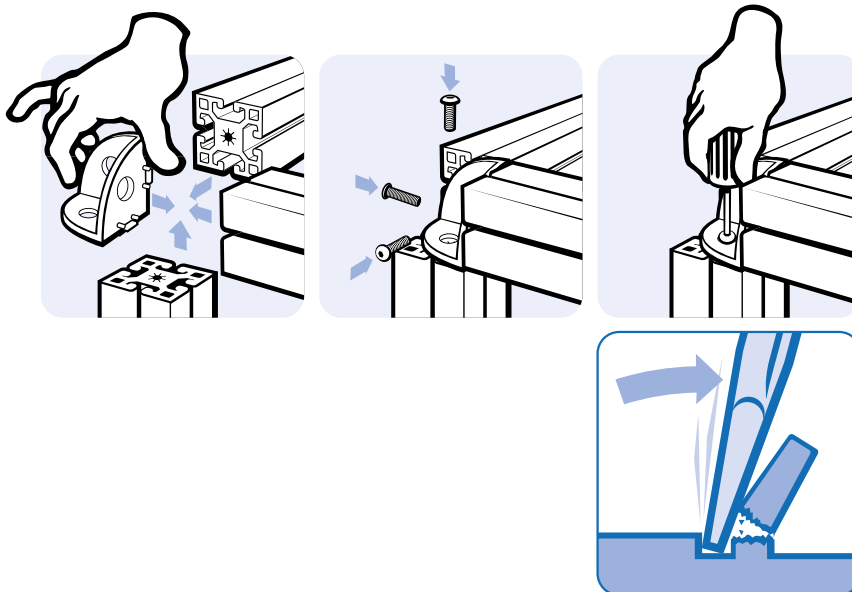
	A [mm]	B [mm]	L [mm]	C [mm]	Weight [g]	Part #
	30.0	20.0	60.0	5.0	130.5	093WU4060V
	50.0	16.0	80.0	6.0	190.0	093WU4080V

3-WAY CONNECTION ANGLE | 20

<b>MODEL</b>	Zinc die-cast, for profile 20
<b>DESCRIPTION</b>	To connect up to three aluminum profiles at right angles
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>FASTENING</b>	Countersunk screws M5
<b>PACK QUANTITY</b>	50 pieces

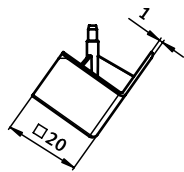
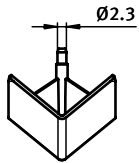


for Screw	N	Weight [g]	Profile	Part #
M5	5	10.0	I	093WE201N05

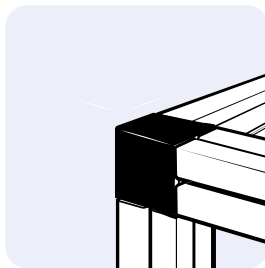
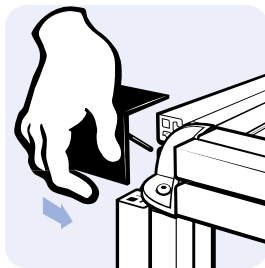


**COVER CAP A 3-WAY CONNECTION ANGLE I 20**

<b>MODEL</b>	Plastic PA, profile 20, angular
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

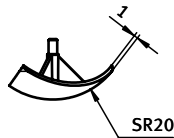
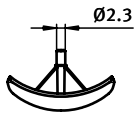


	Color	Weight [g]	Profile	Part #
	Black	2.0	I	093WEA201A
	Gray ≈ RAL 7042	2.0	I	093WEA201AS01

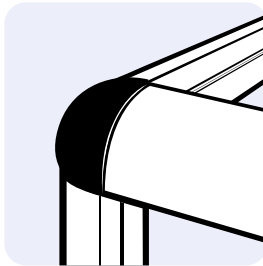
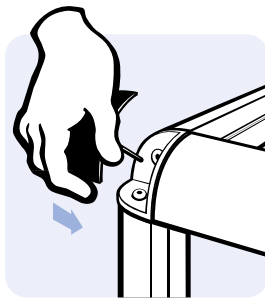


**COVER CAP B 3-WAY CONNECTION ANGLE I 20**

<b>MODEL</b>	Plastic PA, profile 20, round
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request



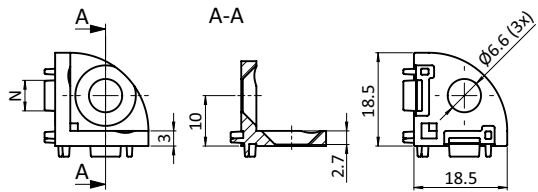
	Color	Weight [g]	Profile	Part #
	Black	1.0	I	<a href="#">093WEA201B</a>
	Gray ≈ RAL 7042	1.0	I	<a href="#">093WEA201BS02</a>



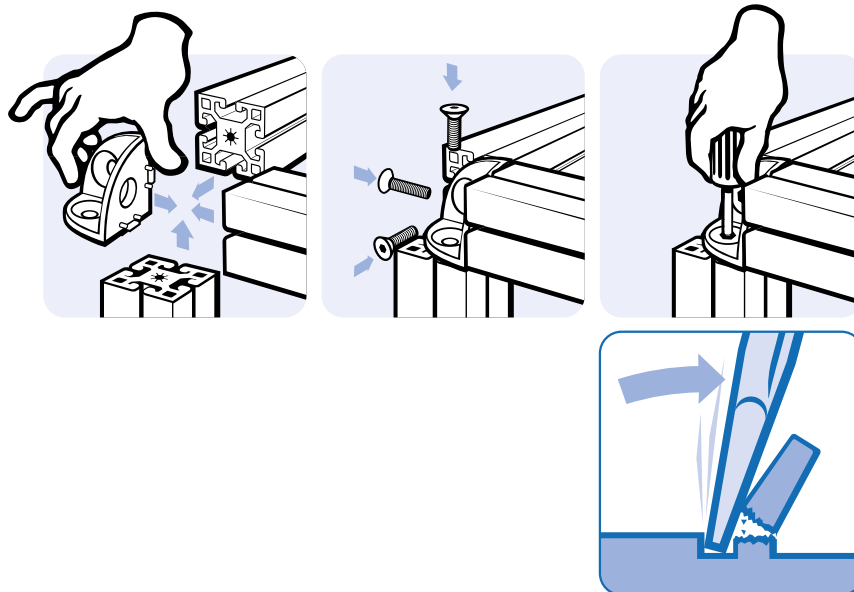


**3-WAY CONNECTION ANGLE B 20**

<b>MODEL</b>	Zinc die-cast, for profile 20
<b>DESCRIPTION</b>	To connect up to three aluminum profiles at right angles
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>FASTENING</b>	Countersunk screws M6 and S6
<b>PACK QUANTITY</b>	50 pieces

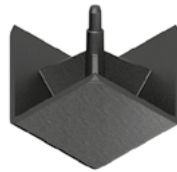
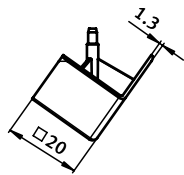
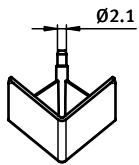


for Screw	N	Weight [g]	Profile	Part #
M6 / S6	6	10.0	B	<b>093WE202N06</b>

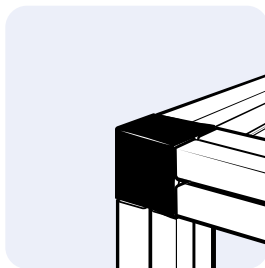
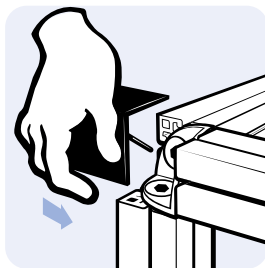


**COVER CAP A FOR 3-WAY CONNECTION ANGLE B 20**

<b>MODEL</b>	Plastic PA, profile 20, angular
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

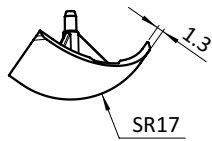
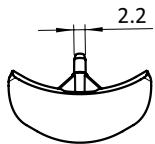


	Color	Weight [g]	Profile	Part #
	Black	3.0	B	<a href="#">093WEA202A</a>
	Gray ≈ RAL 7004	3.0	B	<a href="#">093WEA202AS02</a>

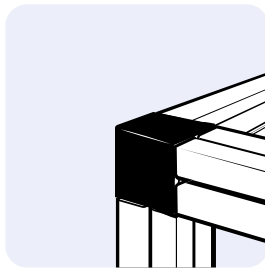
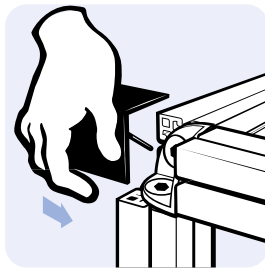


**COVER CAP B FOR 3-WAY CONNECTION ANGLE B 20**

<b>MODEL</b>	Plastic PA, profile 20, round
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

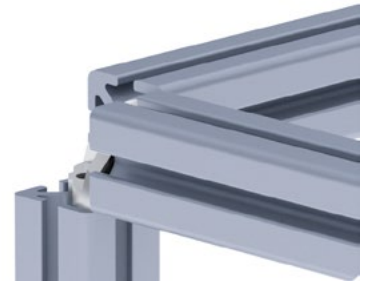
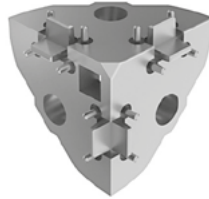
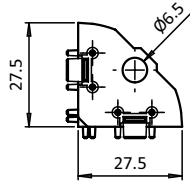
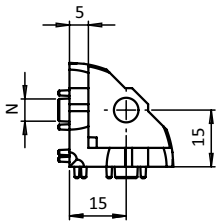


Color	Weight [g]	Profile	Part #
Black	2.0	B	<b>093WEA202B</b>

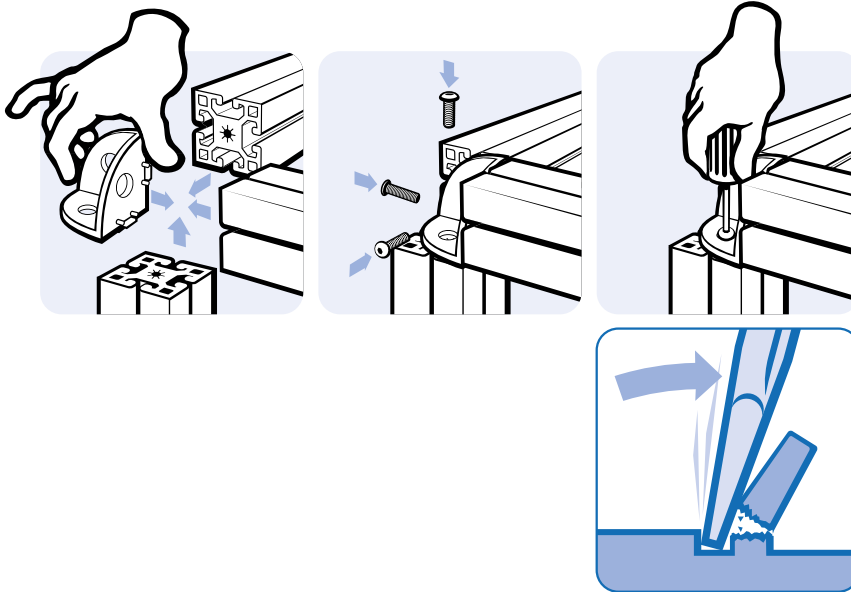


3-WAY CONNECTION ANGLE | 30

<b>MODEL</b>	Zinc die-cast, for profile 30
<b>DESCRIPTION</b>	To connect up to three aluminum profiles at right angles
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	50 pieces

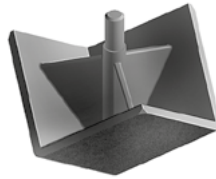
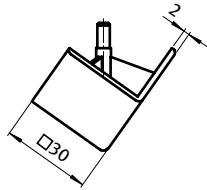
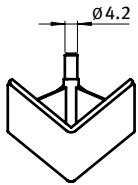


for Screw	N	Weight [g]	Profile	Part #
M6	6	39.6	I	093WE302N06

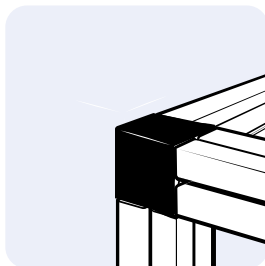
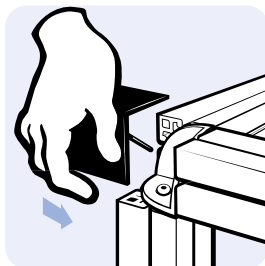


**COVER CAP A 3-WAY CONNECTION ANGLE I 30**

<b>MODEL</b>	Plastic PA, profile 30, angular
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

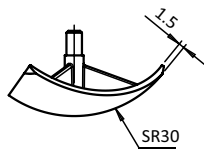
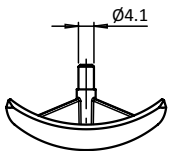


	Color	Weight [g]	Profile	Part #
	Black	10.0	I	<a href="#">093WEA302A</a>
	Gray ≈ RAL 7042	10.0	I	<a href="#">093WEA302AS01</a>

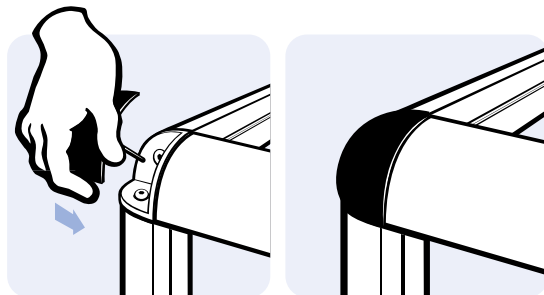


**COVER CAP B 3-WAY CONNECTION ANGLE I 30**

<b>MODEL</b>	Plastic PA, profile 30, round
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

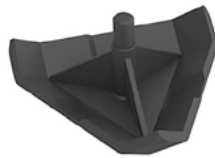
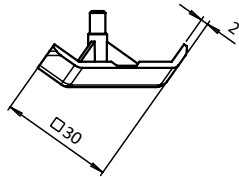
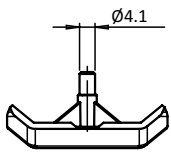


	Color	Weight [g]	Profile	Part #
	Black	4.0	I	<a href="#">093WEA302B</a>
	Gray ≈ RAL 7042	4.0	I	<a href="#">093WEA302BS03</a>



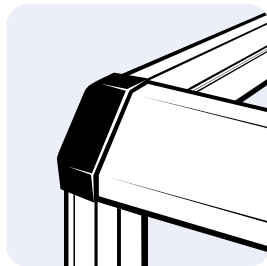
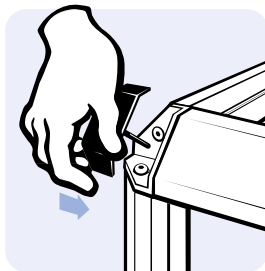
**COVER CAP C 3-WAY CONNECTION ANGLE I 30**

<b>MODEL</b>	Plastic PA, profile 30, 45°
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request



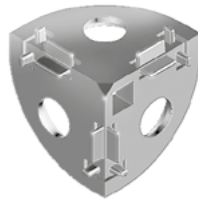
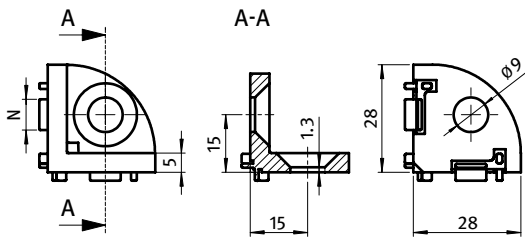
Color	Weight [g]	Profile	Part #
Black	4.0	I	093WEA302C
Gray ≈ RAL 7042	4.0	I	093WEA302CS01

4

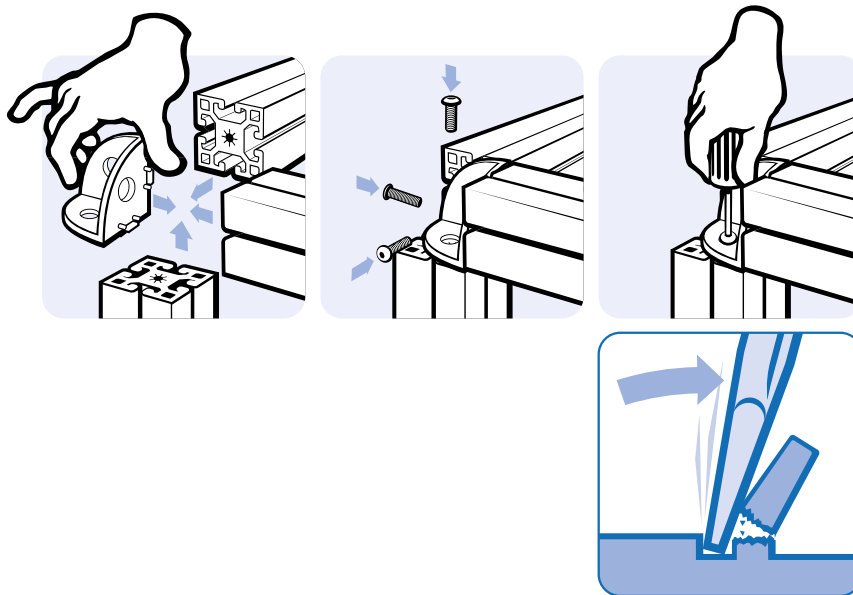


**3-WAY CONNECTION ANGLE B 30**

<b>MODEL</b>	Zinc die-cast, for profile 30
<b>DESCRIPTION</b>	To connect up to three aluminum profiles at right angles
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>FASTENING</b>	Countersunk screws M8
<b>PACK QUANTITY</b>	50 pieces
<b>TIP</b>	Compatible Countersunk Screw see 093S0825C



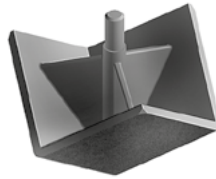
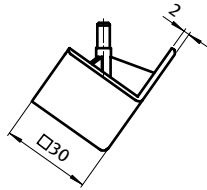
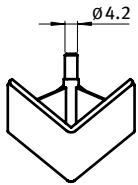
for Screw	N	Weight [g]	Profile	Part #
M8	8	39.0	B	<b>093WE301N08</b>



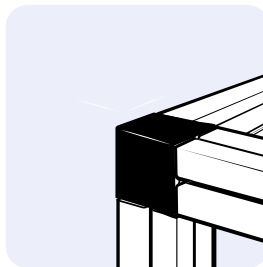
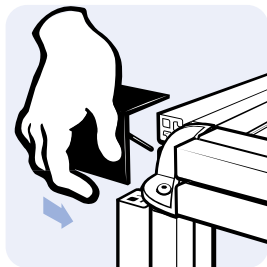


**COVER CAP A 3-WAY CONNECTION ANGLE B 30**

<b>MODEL</b>	Plastic PA, profile 30, angular
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

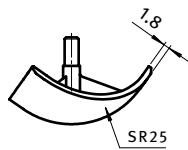
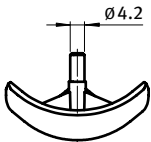


	Color	Weight [g]	Profile	Part #
	Black	10.0	B	<a href="#">093WEA301A</a>
	Gray ≈ RAL 7004	10.0	B	<a href="#">093WEA301AS03</a>

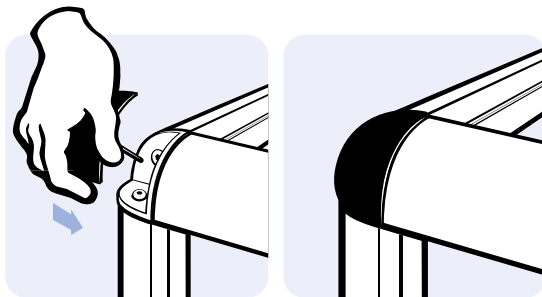


**COVER CAP B 3-WAY CONNECTION ANGLE B 30**

<b>MODEL</b>	Plastic PA, profile 30, round
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

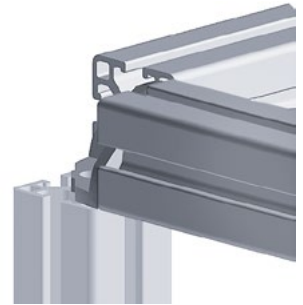
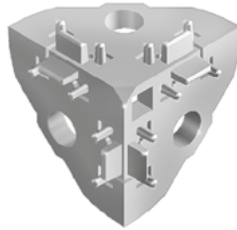
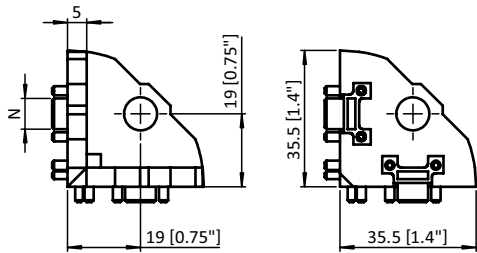


	Color	Weight [g]	Profile	Part #
	Black	8.0	B	<b>093WEA301B</b>
	Gray ≈ RAL 7004	8.0	B	<b>093WEA301BS04</b>

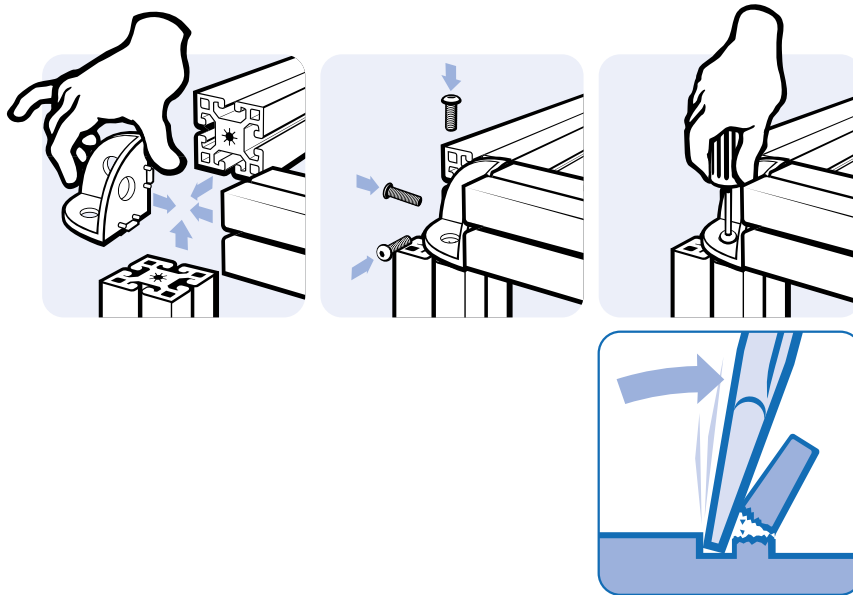


**3-WAY CONNECTION ANGLE 38 - 1.5"**

<b>MODEL</b>	Zinc die-cast, for profile 1.5 Inch
<b>DESCRIPTION</b>	To connect up to three aluminum profiles at right angles
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	50 pieces

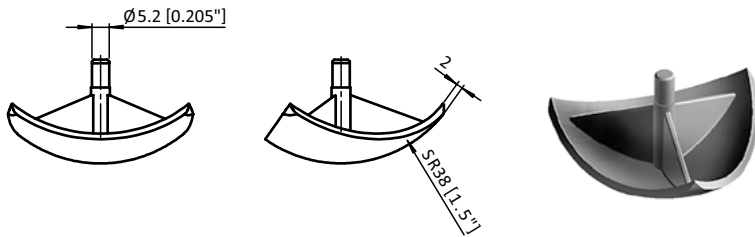


	for Screw	N	Weight [g]	Part #
	M8	8	67.0	093WE381N08



**COVER CAP B 3-WAY CONNECTION ANGLE 38 - 1.5"**

<b>MODEL</b>	Plastic PA, profile 1.5 inch, round
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

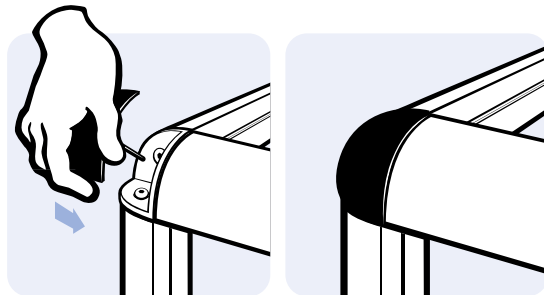


Weight [g]

Part #

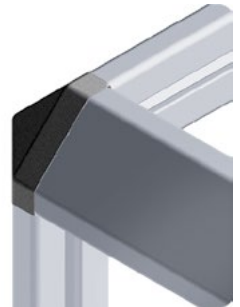
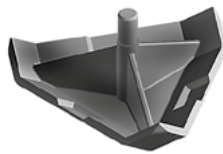
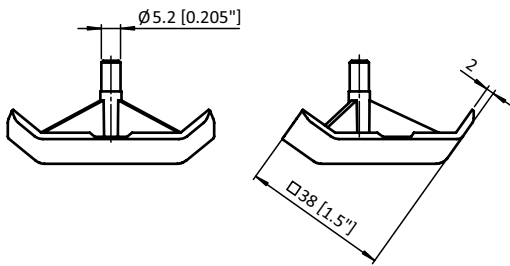
8.0

**093WEA381B**



**COVER CAP D 3-WAY CONNECTION ANGLE 38 - 1.5"**

<b>MODEL</b>	Plastic PA, profile 1.5 inch, 45°
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request



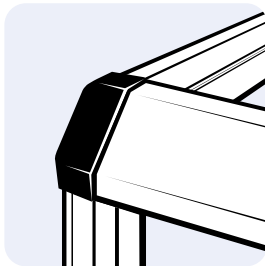
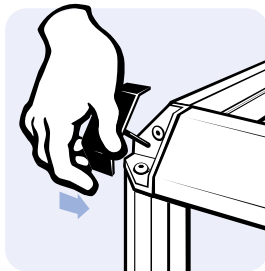
Weight [g]

Part #

12

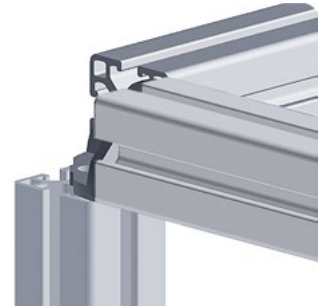
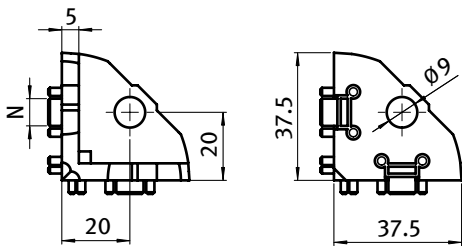
093WEA381C

4

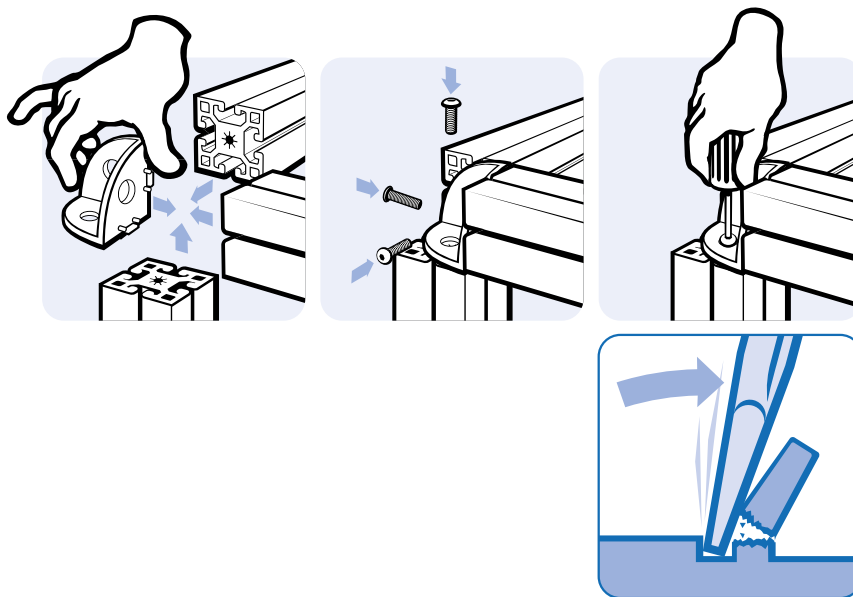


3-WAY CONNECTION ANGLE | 40

<b>MODEL</b>	Zinc die-cast, profile 40
<b>DESCRIPTION</b>	To connect up to three aluminum profiles at right angles
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	50 pieces

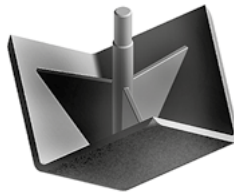
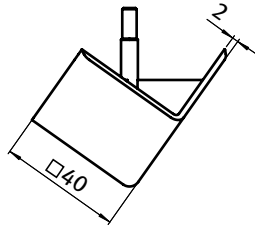
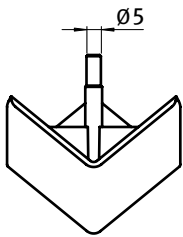


for Screw	N	Weight [g]	Profile	Part #
M8	8	83.0	I	093WE402N08

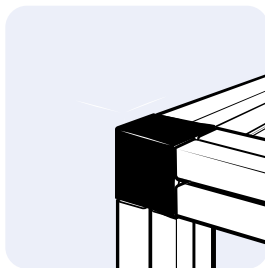
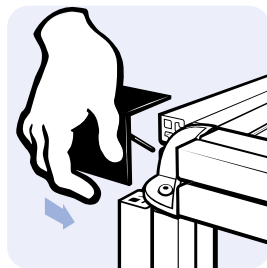


**COVER CAP A 3-WAY CONNECTION ANGLE I 40**

<b>MODEL</b>	Plastic PA, profile 40, angular
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

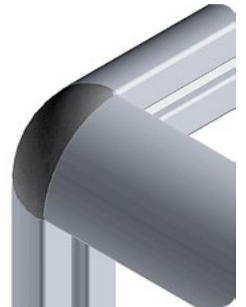
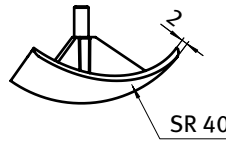
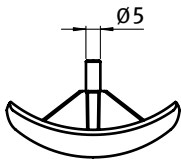


	Color	Weight [g]	Profile	Part #
	Black	15.0	I	093WEA402A
	Gray ≈ RAL 7042	15.0	I	093WEA402AS01

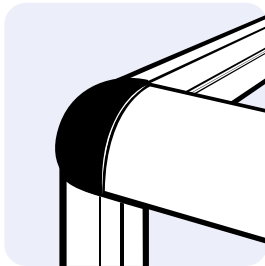
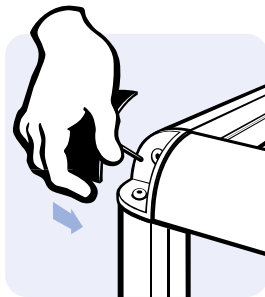


**COVER CAP B 3-WAY CONNECTION ANGLE I 40**

<b>MODEL</b>	Plastic PA, profile 40, round
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request



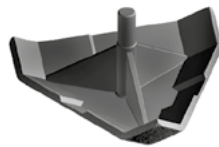
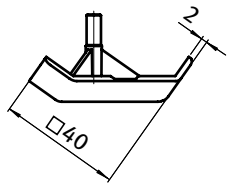
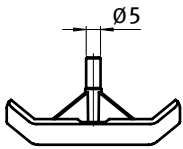
	Color	Weight [g]	Profile	Part #
	Black	8.0	I	<a href="#">093WEA402B</a>
	Gray ≈ RAL 7042	8.0	I	<a href="#">093WEA402BS01</a>



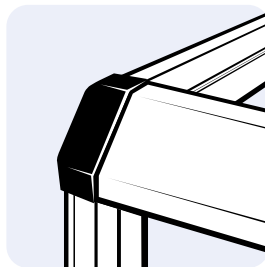
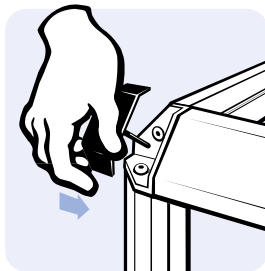


**COVER CAP C 3-WAY CONNECTION ANGLE I 40**

<b>MODEL</b>	Plastic PA, profile 40, 45°
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

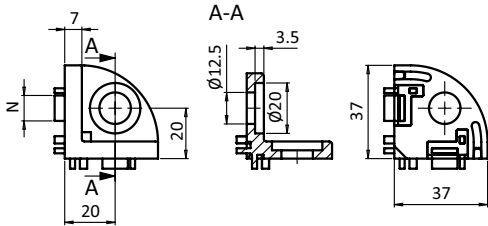


Color	Weight [g]	Profile	Part #
Black	8.0	I	<a href="#">093WEA402C</a>
Gray ≈ RAL 7042	8.0	I	<a href="#">093WEA402CS01</a>

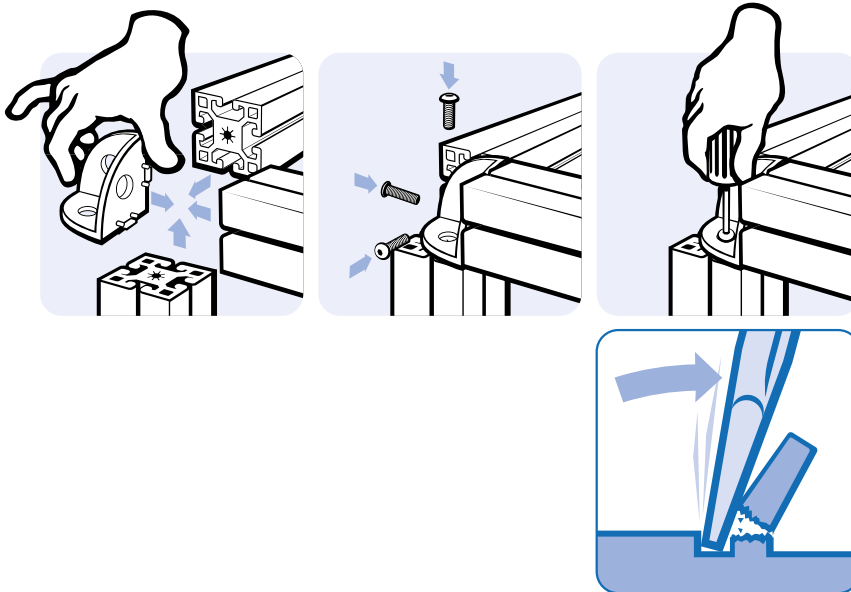


**3-WAY CONNECTION ANGLE B 40**

<b>MODEL</b>	Zinc die-cast, profile 40
<b>DESCRIPTION</b>	To connect up to three aluminum profiles at right angles
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>FASTENING</b>	Flat head screw M12 or S12
<b>PACK QUANTITY</b>	50 pieces

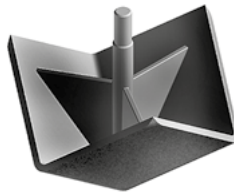
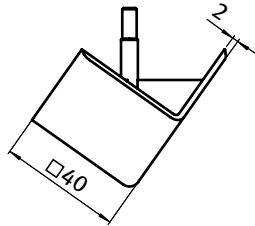
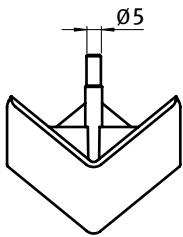


	for Screw	N	Weight [g]	Profile	Part #
	M12 / S12	10	81.0	B	<b>093WE405N10</b>

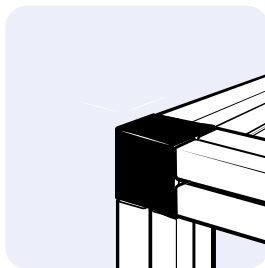
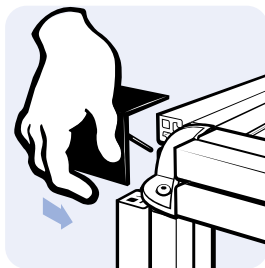


**COVER CAP A 3-WAY CONNECTION ANGLE B 40**

<b>MODEL</b>	Plastic PA, profile 40, angular
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

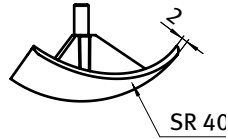
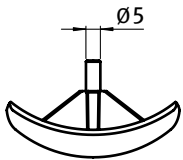


	Color	Weight [g]	Profile	Part #
	Black	18.0	B	<a href="#">093WEA405A</a>
	Gray ≈ RAL 7004	18.0	B	<a href="#">093WEA405AS02</a>

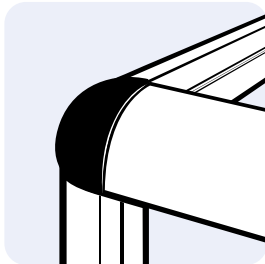
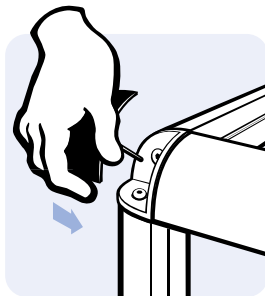


**COVER CAP B 3-WAY CONNECTION ANGLE B 40**

<b>MODEL</b>	Plastic PA, profile 40, round
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

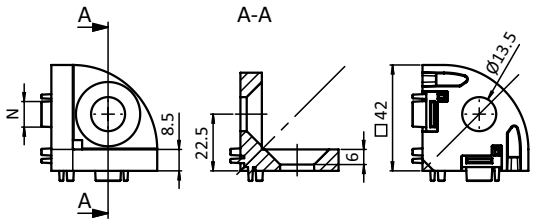


	Color	Weight [g]	Profile	Part #
	Black	18.0	B	<a href="#">093WEA405B</a>
	Gray ≈ RAL 7004	18.0	B	<a href="#">093WEA405BS02</a>

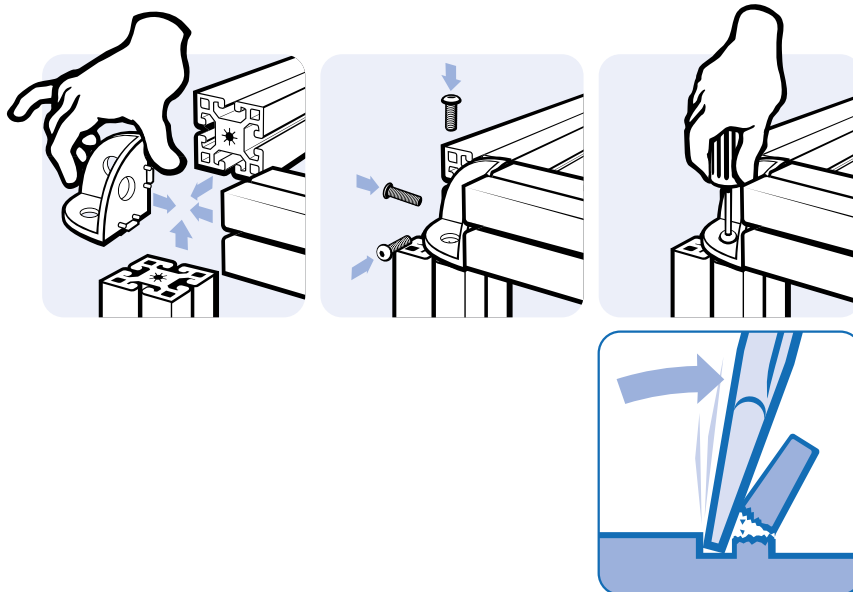


**3-WAY CONNECTION ANGLE B 45**

<b>MODEL</b>	Zinc die-cast, profile 45
<b>DESCRIPTION</b>	To connect up to three aluminum profiles at right angles
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain
<b>FASTENING</b>	Countersunk screws M12
<b>PACK QUANTITY</b>	50 pieces

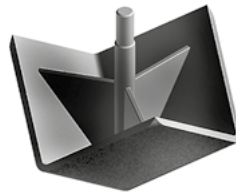
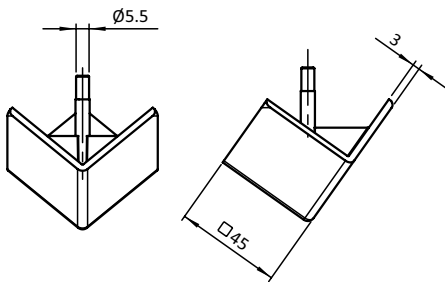


for Screw	N	Weight [g]	Profile	Part #
M12	10	132.0	B	093WE452N10

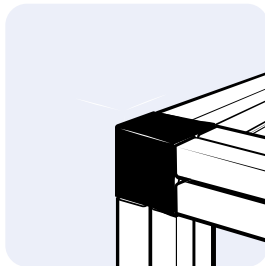
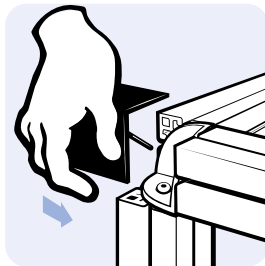


**COVER CAP A 3-WAY CONNECTION ANGLE B 45**

<b>MODEL</b>	Plastic PA, profile 45, angular
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request

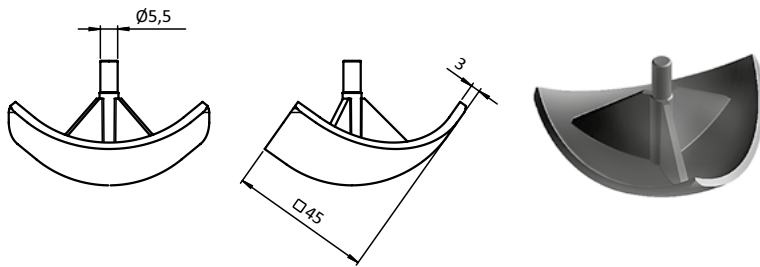


Color	Weight [g]	Profile	Part #
Black	28.0	B	<a href="#">093WEA452A</a>
Gray ≈ RAL 7004	28.0	B	<a href="#">093WEA452A02</a>



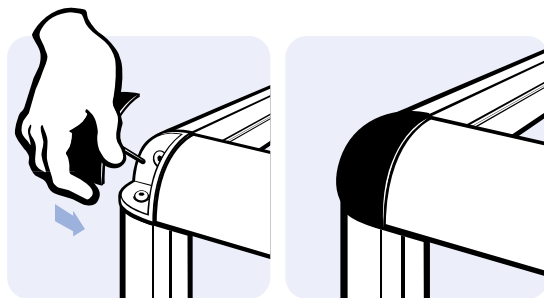
**COVER CAP B 3-WAY CONNECTION ANGLE B 45**

<b>MODEL</b>	Plastic PA, profile 45, round
<b>DESCRIPTION</b>	To cover the 3-way connection angle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	Other colors on request



	Color	Weight [g]	Profile	Part #
	Black	16.0	B	093WEA452B
	Gray ~ RAL 7004	16.0	B	093WEA452BS03

4



## CORNER CONNECTORS WITH CABLE PASSAGE (SET)

**Patented:**  
**FATH Corner Connectors with Cable Passage – route cabling safely through profile connections**



- Orderly cable routing directly through the corner connection
- Available for 2D and 3D profile structures
- Up to six cables can be fed through
- Cover cap and assembly kit included
- Perfect supplement to **FATH Light for Slot**

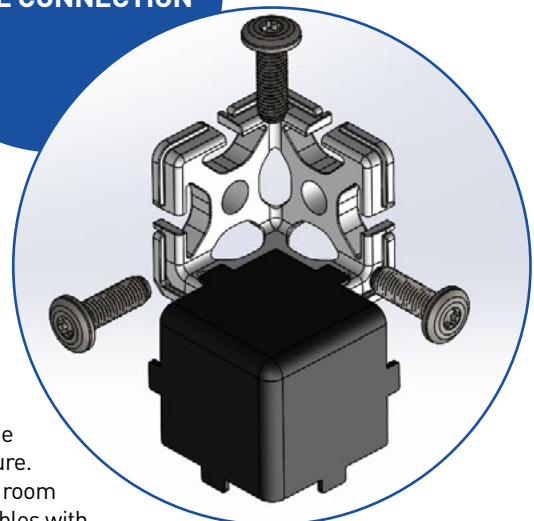
### HIGHLIGHTS

An innovation from the **FATH LAB**: The patented corner connections for aluminum profiles enable orderly and secure cable routing directly through the profile connection. The **FATH** Corner Connectors with Cable Passage are designed to allow delicate cables to pass through the inside of the connectors. With this clever component, you can implement a power supply directly in the slot.

**FATH** Corner Connectors with Cable Passage are made of high-strength zinc alloy. They are available for aluminum profile 40 / slot 8 and aluminum profile 45 / slot 10, for 2D and 3D profile designs.

Matching gray plastic cover caps are included with all versions of the **FATH** Corner Connector with Cable Passage 2D and 3D. Simply place it on the connector, press it in place – done! This means that your profile constructions with power supply are also protected against cable chaos and damage from external influences. The assembly kit is also included in the scope of delivery.

### CABLE ROUTING IN THE CONNECTION



### Recesses for up to six cables

**FATH** Corner Connectors come with tapers and larger recesses underneath. Simply insert the cable into the recess through the taper, pull it through the connector and route it into the other levels of the aluminum profile structure. The **FATH** Corner Connector with Cable Passage for profile 40 / slot 8 offers room for at least four cables each with a maximum of 5 mm diameter. Up to four cables with a maximum diameter of 6 mm can be tucked away in the version for profile 45 / slot 10.

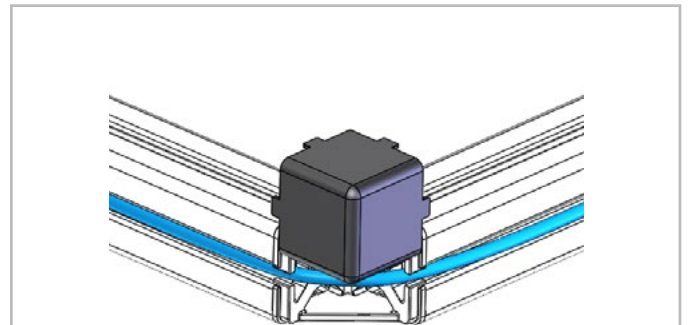


### Perfect duo: FATH Light for Slot and FATH Corner Connectors with Cable Passage

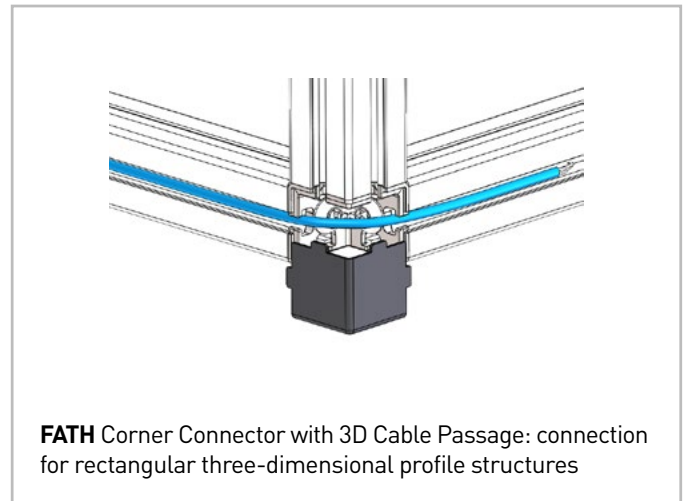
This corner connector is the perfect complement to the **FATH** Light for Slot – an innovation from the **FATH** LAB that makes a completely new type of illumination possible: light directly in the slot, and with protection class IP68! This allows you to provide light at the work table and assembly site and wherever it is needed at the profile structure. A special cable with a miniature connector was developed for the power supply of the **FATH** Light for Slot and allows the cable to run directly in the slot.

If the **FATH** Light for Slot is used in combination with the **FATH** Corner Connectors with Cable Passage, you can house the miniature cables securely and neatly in the slot – and guide them directly through the corner connection of the profile. All types of installation are designed for fixed installation of the modules in order to ensure safe operation.

### Versions for 2D and 3D profile structures



**FATH** Corner Connector with 2D Cable Passage: connection for right-angled two-dimensional profile structures



**FATH** Corner Connector with 3D Cable Passage: connection for rectangular three-dimensional profile structures

4



Get to know it better now!

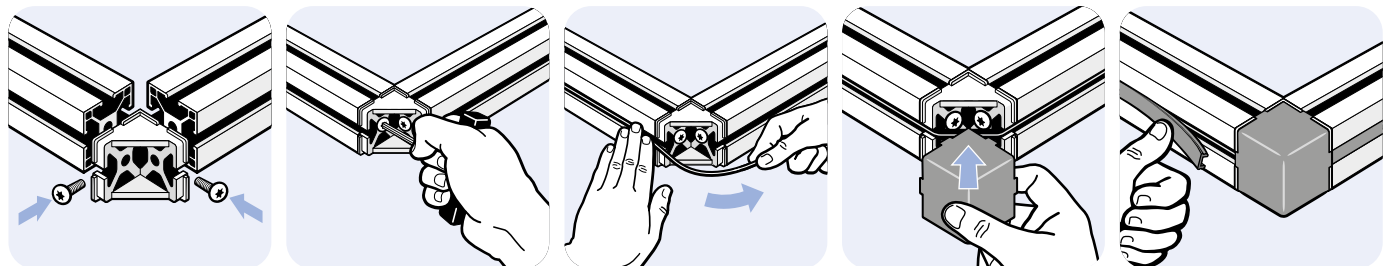
[cable-corner.fath24.com](http://cable-corner.fath24.com)

**CORNER CONNECTOR 40, 2D WITH CABLE PASSAGE (SET)**

<b>MODEL</b>	Zinc die-cast, profile 40
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles, with opening in slot geometry for passage of cables; With cover cap to cover the open side of the corner connector
<b>MATERIAL</b>	Corner connector: Zinc die-cast Cover cap: Plastic PA, glass ball reinforced Self forming screw: Steel
<b>SURFACE</b>	Corner connector: Zinc plated Self forming screw: Zinc plated
<b>COLOR</b>	Cover cap: gray ≈ RAL 7042
<b>SET</b>	1 corner connector 40, 2D with cable passage 1 cover cap 2 self forming screws - S7 x 22
<b>PACK QUANTITY</b>	1 set
<b>SPECIALS</b>	Other materials, other surfaces, other colors on request

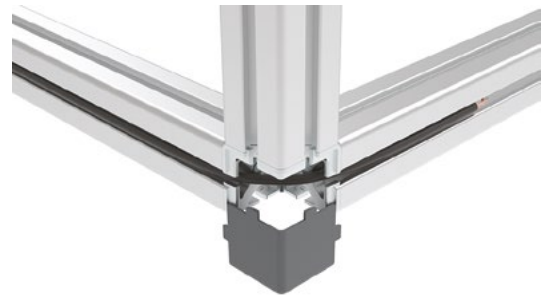
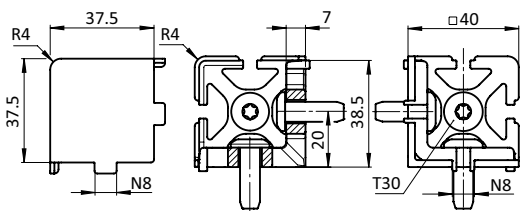


N	Weight [g]	Profile	Part #
8	115.0	I	093WC406N08VS01



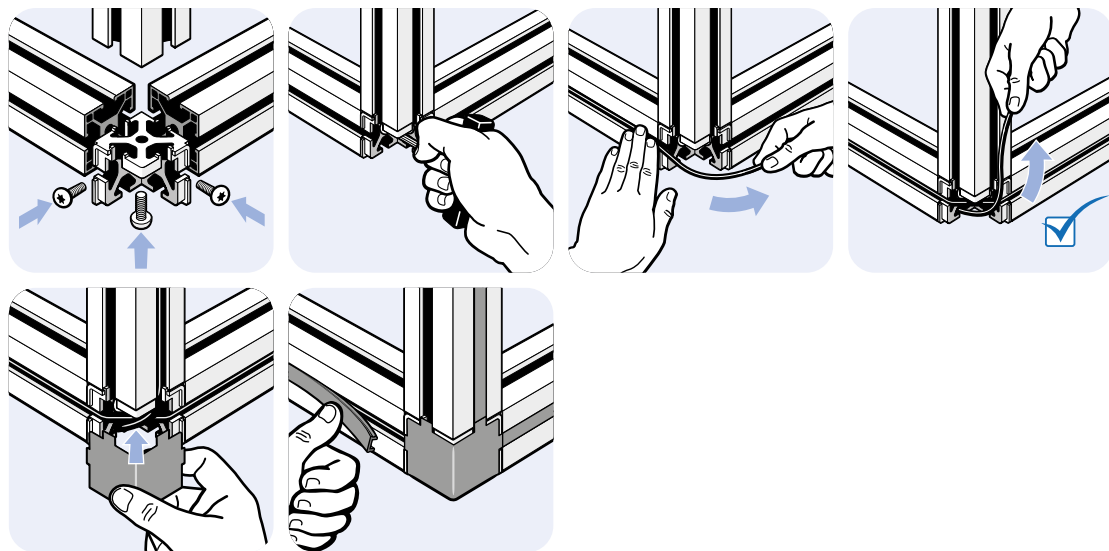
**CORNER CONNECTOR 40, 3D WITH CABLE PASSAGE (SET)**

<b>MODEL</b>	Zinc die-cast, profile 40
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles, with opening in slot geometry for passage of cables; With cover cap to cover the open side of the corner connector
<b>MATERIAL</b>	Corner connector: Zinc die-cast Cover cap: Plastic PA, glass ball reinforced Self forming screw: Steel
<b>SURFACE</b>	Corner connector: Zinc plated Self forming screw: Zinc plated
<b>COLOR</b>	Cover cap: gray ≈ RAL 7042
<b>SET</b>	1 corner connector 40, 3D with cable passage 1 cover cap 3 self forming screws - S7 x 22
<b>PACK QUANTITY</b>	1 set
<b>SPECIALS</b>	Other materials, other surfaces, other colors on request



4

N	Weight [g]	Profile	Part #
8	121.5	I	093WC407N08VS01

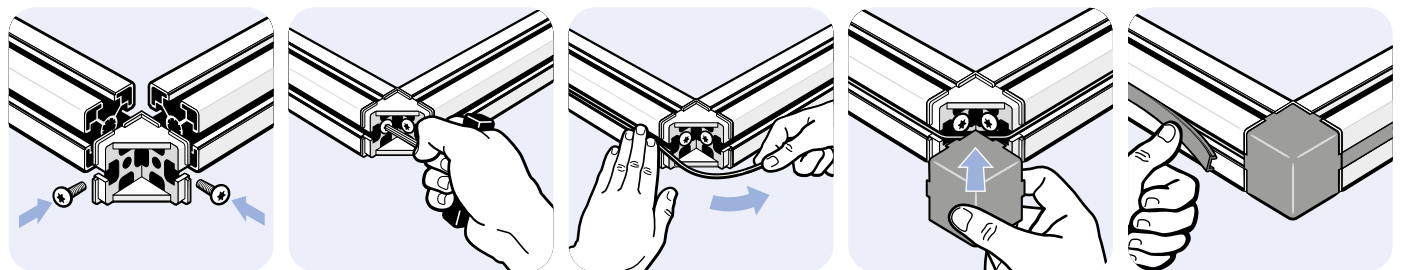


**CORNER CONNECTOR 45, 2D WITH CABLE PASSAGE (SET)**

<b>MODEL</b>	Zinc die-cast, profile 45
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles, with opening in slot geometry for passage of cables; With cover cap to cover the open side of the corner connector
<b>MATERIAL</b>	Corner connector: Zinc die-cast Cover cap: Plastic PA, glass ball reinforced Self forming screw: Steel
<b>SURFACE</b>	Corner connector: Zinc plated Self forming screw: Zinc plated
<b>COLOR</b>	Cover cap: gray ≈ RAL 7004
<b>SET</b>	1 corner connector 45, 2D with cable passage 1 cover cap 2 self forming screws - S12 x 30
<b>PACK QUANTITY</b>	1 set
<b>SPECIALS</b>	Other materials, other surfaces, other colors on request



	N	Weight [g]	Profile	Part #
	10	170.0	B	093WC456N10VS01

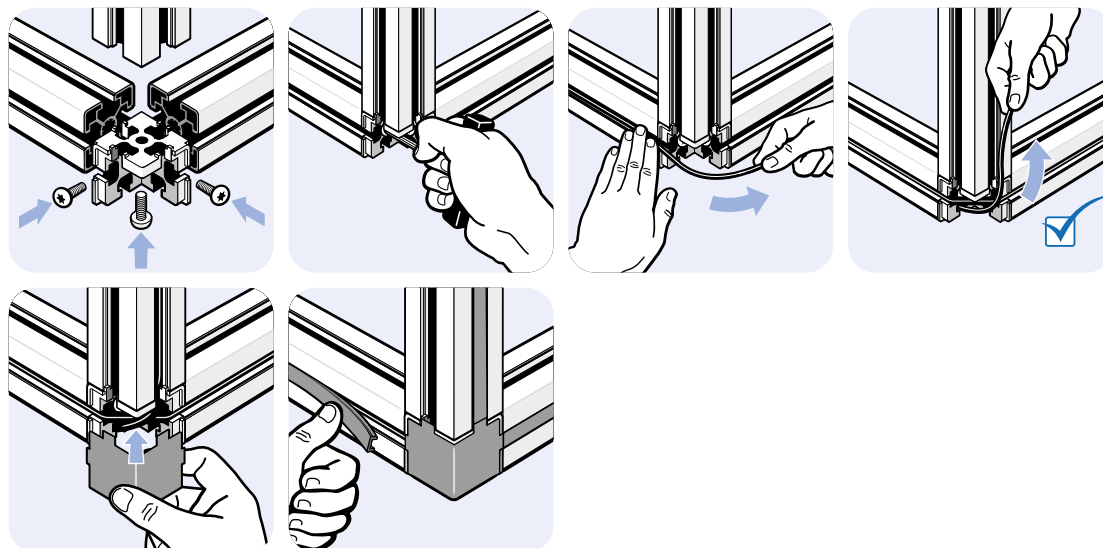


**CORNER CONNECTOR 45, 3D WITH CABLE PASSAGE (SET)**

<b>MODEL</b>	Zinc die-cast, profile 45
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles, with opening in slot geometry for passage of cables; With cover cap to cover the open side of the corner connector
<b>MATERIAL</b>	Corner connector: Zinc die-cast Cover cap: Plastic PA, glass ball reinforced Self forming screw: Steel
<b>SURFACE</b>	Corner connector: Zinc plated Self forming screw: Zinc plated
<b>COLOR</b>	Cover cap: gray ≈ RAL 7004
<b>SET</b>	1 corner connector 45, 3D with cable passage 1 cover cap 3 self forming screws - S12 x 30
<b>PACK QUANTITY</b>	1 set
<b>SPECIALS</b>	Other materials, other surfaces, other colors on request

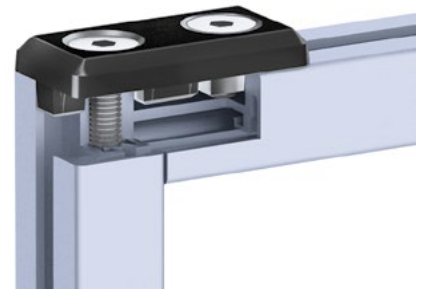
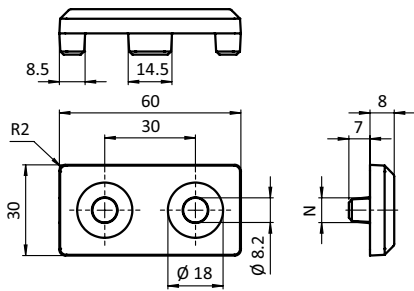


N	Weight [g]	Profile	Part #
10	203.0	B	093WC457N10VS01



**FRAME CORNER CONNECTOR PLATE**

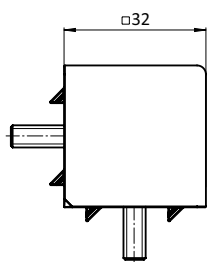
<b>MODEL</b>	Plastic PA, frame profile 22.5 x 30
<b>DESCRIPTION</b>	To connect two frame profiles 22.5 x 30 at right angles; ESD electrostatical discharging
<b>MATERIAL</b>	Corner connector plate: Plastic PA, carbon fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>COLOR</b>	Corner connector plate: Black
<b>ASSEMBLY SET</b>	1 self forming countersunk screw S8 x 25, 1 countersunk screw DIN 7991 - M8 x 16, 1 square nut DIN 562 - M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>TIP</b>	* Compatible Self Forming Countersunk Screw S8 x 25 see 093S0825C



	Version	N	Weight [g]	Profile	Tip	Part #
		8	12		*	<a href="#">093VB3060N08</a>
	incl. assembly set	8	37.0	B		<a href="#">093VB3060N08S01</a>

**FRAME CORNER CONNECTOR 18 X 32 FOR CLAMP PROFILE (SET)**

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To connect two clamp profiles 18 x 32 at right angles
<b>MATERIAL</b>	Frame corner connector: Aluminum die-cast Screws: Steel
<b>SURFACE</b>	Frame corner connector: Powder coated Screws: Zinc plated
<b>COLOR</b>	Frame Corner Connector: Alu color
<b>SET</b>	1 Frame Corner Connector, 2 screws ISO 7380 - M5 x 16
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Sliding Door Guide Insert for Frame Corner Connector 18 x 32 (Set) see 093WWCI18321S01

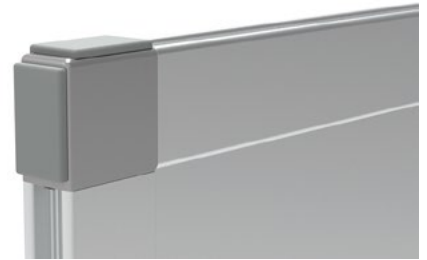
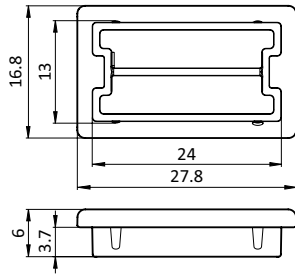


4

Weight [g]	Profile	Part #
25.9	I	<a href="#">093WWC18321N08S01</a>

**COVER CAP FOR FRAME CORNER CONNECTOR 18 X 32**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To cover the open sides of the frame corner connector 18 x 32
<b>MATERIAL</b>	Plastic PA
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	100 pieces



**Weight [g]**

**Part #**

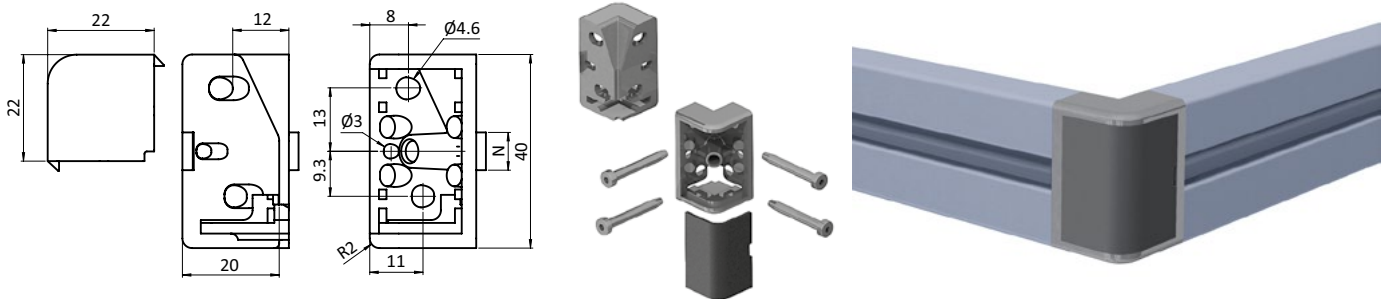
1.7

093WWCA18321S01



**FRAME CORNER CONNECTOR 20 X 40 (SET)**

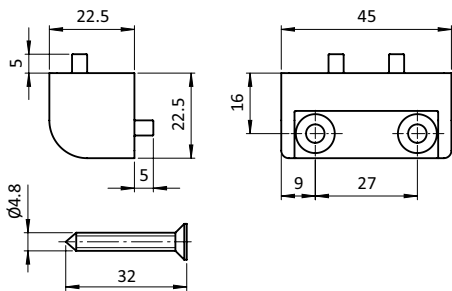
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum frame profiles 20 x 40 at right angles
<b>MATERIAL</b>	Frame corner connector: Aluminum die-cast Screws: Steel Cover cap: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Frame corner connector: Powder coated Screws: Zinc plated
<b>COLOR</b>	Frame corner connector: Alu color Screws: Steel Cover cap: Gray ≈ RAL 7042
<b>SET</b>	1 frame corner connector 20 x 40 - slot 8, 4 self-tapping screws - M4 x 20, 1 cover cap
<b>PACK QUANTITY</b>	10 sets



N	Weight [g]	Profile	Part #
8	50.8	I	093WF20401N08S01

**FRAME CORNER CONNECTOR 22.5 X 45 (SET)**

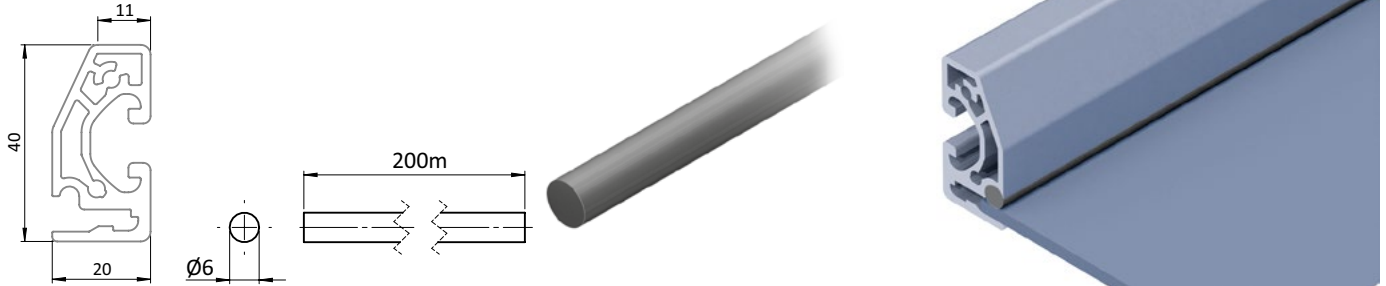
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum frame profiles 22.5 x 45 at right angles
<b>MATERIAL</b>	Frame corner connector: Aluminum die-cast Screws: Stainless steel SS 304
<b>SURFACE</b>	Frame corner connector: Plain Screws: Zinc plated
<b>SET</b>	1 frame corner connector 22.5 x 45 - slot 10, 4 screws DIN 7982 - 4.8 x 32 - Torx T25
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request



Slot	Weight [g/m]	Profile	Part #
10	74.0	B	<a href="#">093WF22451N10S01</a>

**SEALING CORD**

<b>MODEL</b>	Diameter 6 mm
<b>DESCRIPTION</b>	To seal panels in frame profiles without clearance
<b>MATERIAL</b>	Rubber NBR
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	200 meter (spool)



Weight [g/m]

Part #

10.0

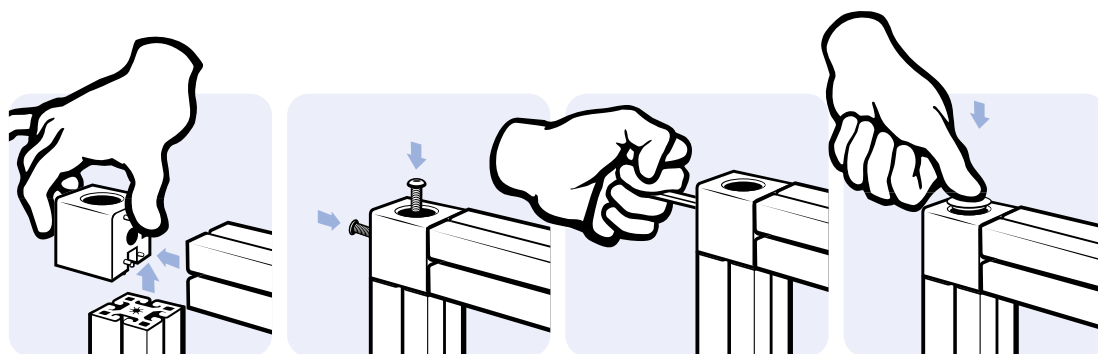
340ME467

**CUBE CONNECTOR 20, 2D**

<b>MODEL</b>	Zinc die-cast, with Cover Caps
<b>DESCRIPTION</b>	To connect two aluminium profiles at right angles; with cover caps to cover the bores
<b>MATERIAL</b>	Cube connector: Zinc die-cast Cover caps: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Cube connector: Plain / powder coated Cover caps: Laquered Assembly set: Zinc plated
<b>COLOR</b>	Cube connector: Alu color Cover caps: Black / alu color
<b>ASSEMBLY SET 1</b>	2 screws ISO 7380 - M5 x 14
<b>ASSEMBLY SET 2</b>	2 self-forming screws S6 x 16 - AF 4
<b>PACK QUANTITY</b>	10 pieces



Version	Surface	Color	L [mm]	R [mm]	Slot	Assembly Set	D1 [mm]	D2 [mm]	Weight [g]	Profile	Part #
Cover cap: alu color	Powder coated	Alu color	20.0	1.5	5		12.0	5.2	35.0	I	<a href="#">093WW203N05</a>
Cover cap: Black	Plain		20.0	1.5	6		12.0	6.3	33.0	B	<a href="#">093WW203N06R</a>
Cover cap: alu color	Powder coated	Alu color	20.0	1.5	5	With assembly set 1	12.0	5.2	39.0	I	<a href="#">093WW203N05S01</a>
Cover cap: Black	Plain		20.0	1.5	6	With assembly set 2	12.0	6.3	41.0	B	<a href="#">093WW203N06RS</a>

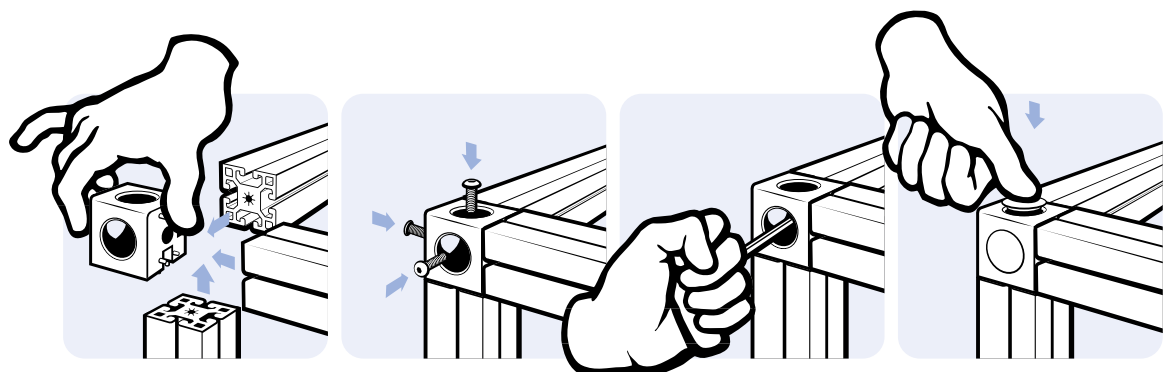


**CUBE CONNECTOR 20, 3D**

<b>MODEL</b>	Zinc die-cast, with Cover Caps
<b>DESCRIPTION</b>	To connect three aluminum profiles at right angles; with cover caps to cover the bores
<b>MATERIAL</b>	Cube connector: Zinc die-cast Cover caps: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Cube connector: Plain / powder coated Cover caps: Laquered Assembly set: Zinc plated
<b>COLOR</b>	Cube connector: Alu color Cover caps: Black / alu color
<b>ASSEMBLY SET 1</b>	3 screws ISO 7380 - M5 x 14
<b>ASSEMBLY SET 2</b>	3 self-forming screws S6 x 16 - AF 4
<b>PACK QUANTITY</b>	10 pieces



Version	Surface	Color	L [mm]	R [mm]	Slot	Assembly Set	D1 [mm]	D2 [mm]	Weight [g]	Profile	Part #
Cover cap: alu color	Powder coated	Alu color	20.0	1.5	5		12.0	5.2	28.0	I	093WW204N05
Cover cap: Black	Plain		20.0	1.5	6		12.0	6.3	26.0	B	093WW204N06R
Cover cap: alu color	Powder coated	Alu color	20.0	1.5	5	With assembly set 1	12.0	5.2	35.0	I	093WW204N05S01
Cover cap: Black	Plain		20.0	1.5	6	With assembly set 2	12.0	6.3	38.0	B	093WW204N06RS

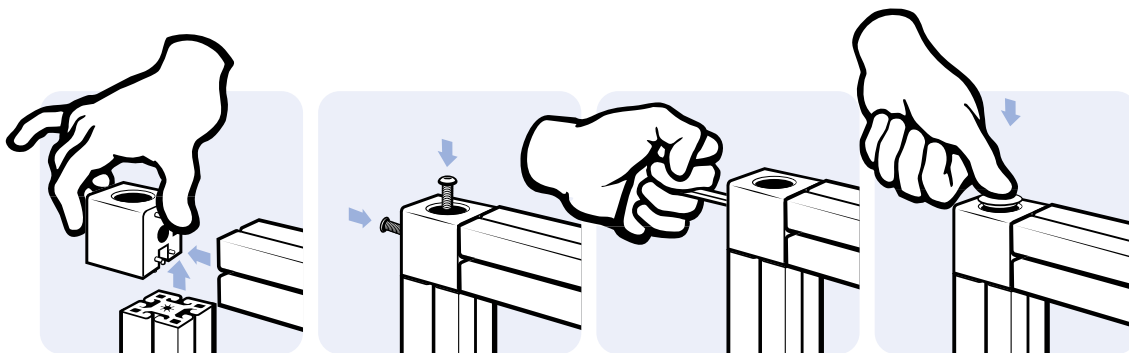


**CUBE CONNECTOR 25 - 1", 2D**

<b>MODEL</b>	Aluminum die-cast, with cover caps
<b>DESCRIPTION</b>	To connect two aluminium profiles at right angles; with cover caps to cover the bores
<b>MATERIAL</b>	Cube connector: Aluminum die-cast Cover caps: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Cube connector: Powder coated Cover caps: Laquered Assembly set: Zinc plated
<b>COLOR</b>	Cube connector: Alu color Cover caps: Alu color
<b>ASSEMBLY SET 1</b>	2 screws ISO 7380 - UNC 1/4-20x1"
<b>PACK QUANTITY</b>	10 pieces / 10 set

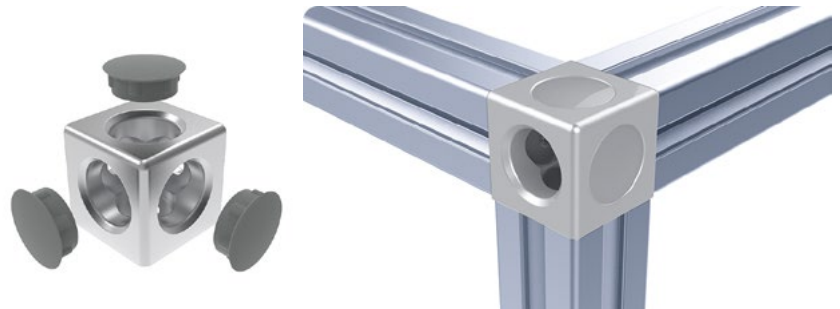
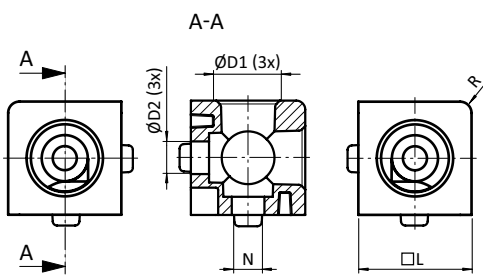


Version	L [mm]	R [mm]	Slot	Assembly Set	D1 [mm]	D2 [mm]	Weight [g]	Part #
Cover cap: alu color	25.4 (1")	2.0	6		12.0	7.2	25.0	<a href="#">093WW251N06</a>
	25.4 (1")	2.0	6	incl. assembly set	12.0	7.2	29.0	<a href="#">093WW251N06S01</a>



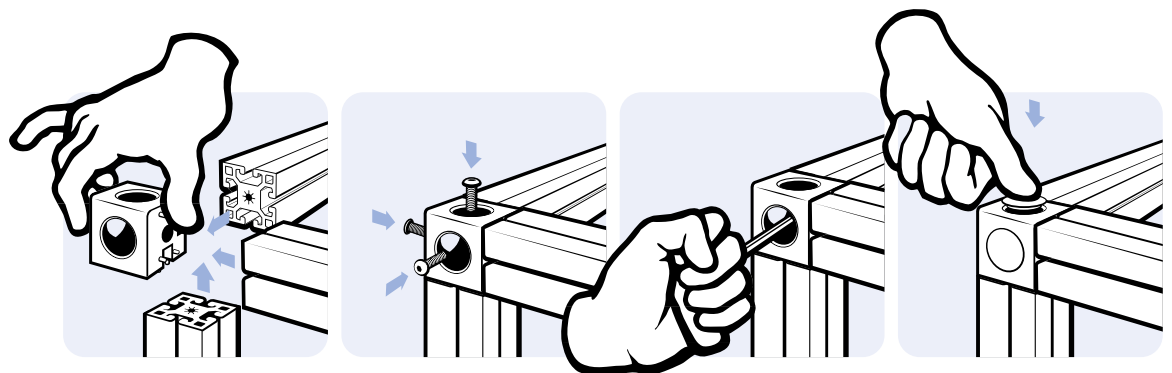
**CUBE CONNECTOR 25 - 1", 3D**

<b>MODEL</b>	Aluminum die-cast, with cover caps
<b>DESCRIPTION</b>	To connect three aluminum profiles at right angles; with cover caps to cover the bores
<b>MATERIAL</b>	Cube connector: Aluminum die-cast Cover caps: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Cube connector: Powder coated Cover caps: Laquered Assembly set: Zinc plated
<b>COLOR</b>	Cube connector: Alu color Cover caps: Alu color
<b>ASSEMBLY SET</b>	3 screws ISO 7380 - UNC 1/4-20x1"
<b>PACK QUANTITY</b>	10 pieces / 10 set



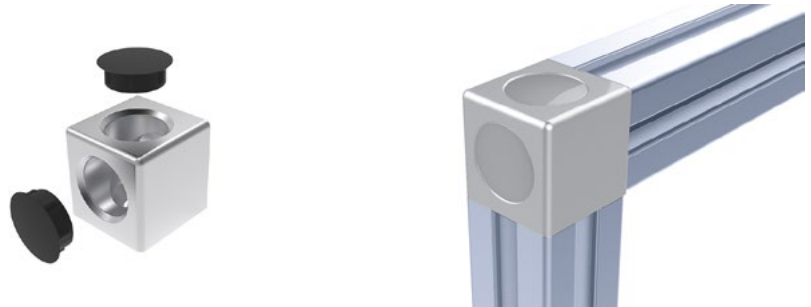
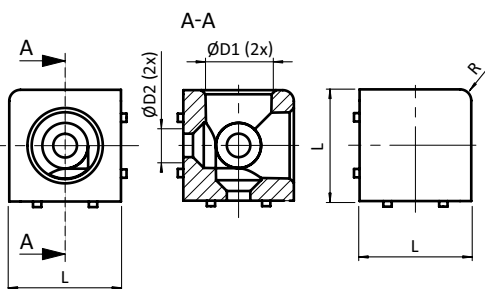
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Version	L [mm]	R [mm]	Assembly Set	D1 [mm]	D2 [mm]	N	Weight [g]	Part #
Cover cap: alu color	25.4 (1")	2.0		12.0	7.2	6	24.0	093WW252N06
	25.4 (1")	2.0	incl. assembly set	12.0	7.2	6	29.0	093WW252N06S01

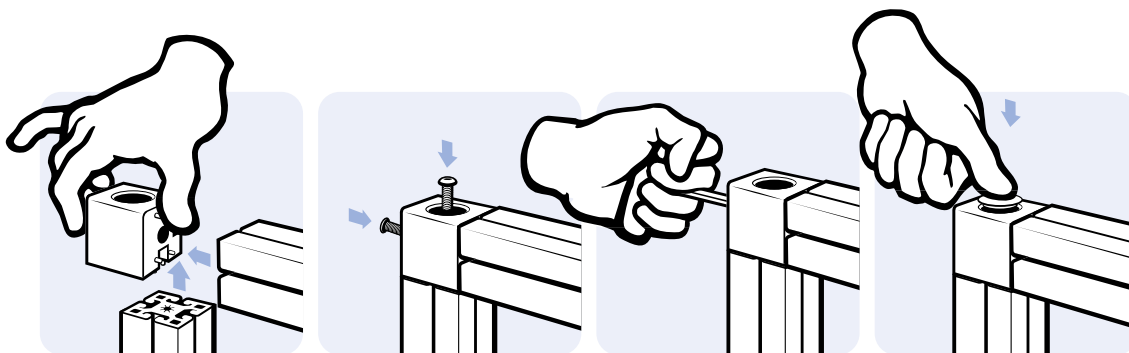


**CUBE CONNECTOR 30, 2D**

<b>MODEL</b>	Aluminum die-cast, with cover caps
<b>DESCRIPTION</b>	To connect two aluminium profiles at right angles; with cover caps to cover the bores
<b>MATERIAL</b>	Cube connector: Aluminum die-cast Cover caps: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Cube connector: Plain / powder coated Cover caps: Laquered Assembly set: Zinc plated
<b>COLOR</b>	Cube connector: Alu color Cover caps: Black / alu color
<b>ASSEMBLY SET</b>	2 self-forming screws S8 x 25 - AF 5
<b>PACK QUANTITY</b>	10 pieces / 10 set



Version	Surface	Color	L [mm]	R [mm]	Slot	Assembly Set	D1 [mm]	D2 [mm]	Weight [g]	Profile	Part #
Cover cap: Black	Plain		30.0	2.0	8		18.0	9.0	38.5	B	<a href="#">093WW303N08R</a>
	Plain		30.0	2.0	8	incl. assembly set	18.0	9.0	16.0	B	<a href="#">093WW303N08RS</a>
Cover cap: alu color	Powder coated	Alu color	30.0	2.0	8		18.0	9.0	38.5	B	<a href="#">093WW303N08</a>
	Powder coated	Alu color	30.0	2.0	8	incl. assembly set	18.0	9.0	16.0	B	<a href="#">093WW303N08S</a>





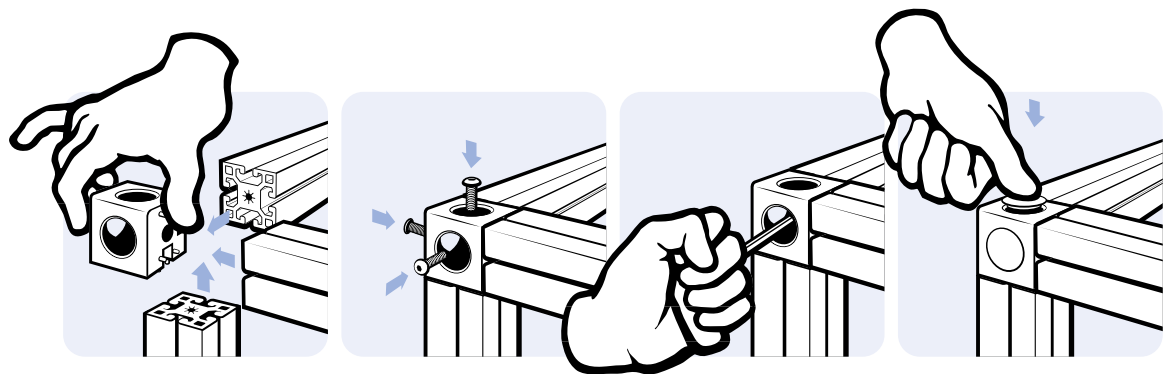
**CUBE CONNECTOR 30, 3D**

<b>MODEL</b>	Aluminum die-cast, with cover caps
<b>DESCRIPTION</b>	To connect three aluminum profiles at right angles; with cover caps to cover the bores
<b>MATERIAL</b>	Cube connector: Aluminum die-cast Cover caps: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Cube connector: Plain / powder coated Cover caps: Laquered Assembly set: Zinc plated
<b>COLOR</b>	Cube connector: Alu color Cover caps: Black / alu color
<b>ASSEMBLY SET</b>	3 self-forming screws S8 x 25 - AF 5
<b>PACK QUANTITY</b>	10 pieces / 10 set



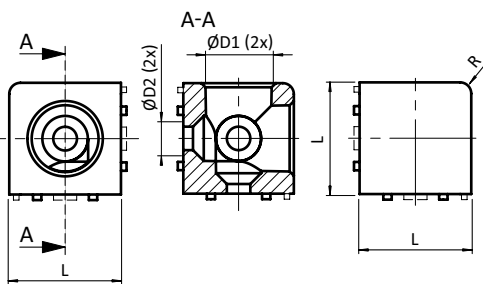
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Version	Surface	Color	L [mm]	R [mm]	Slot	Assembly Set	D1 [mm]	D2 [mm]	Weight [g]	Profile	Part #
Cover cap: Black	Plain		30.0	2.0	8		18.0	9.0	38.5	B	<a href="#">093WW304N08R</a>
	Plain		30.0	2.0	8	incl. assembly set	18.0	9.0	50.0	B	<a href="#">093WW304N08RS</a>
Cover cap: alu color	Powder coated	Alu color	30.0	2.0	8		18.0	9.0	38.5	B	<a href="#">093WW304N08</a>
	Powder coated	Alu color	30.0	2.0	8	incl. assembly set	18.0	9.0	50.0	B	<a href="#">093WW304N08S</a>

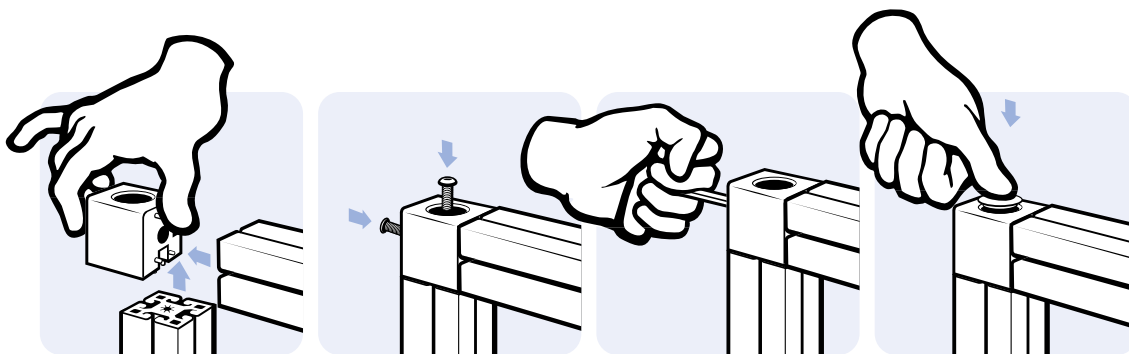


**CUBE CONNECTOR 40, 2D**

<b>MODEL</b>	Aluminum die-cast, with cover caps
<b>DESCRIPTION</b>	To connect two aluminium profiles at right angles; with cover caps to cover the bores
<b>MATERIAL</b>	Cube connector: Aluminum die-cast Cover caps: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Cube connector: Plain / powder coated Cover caps: Laquered Assembly set: Zinc plated
<b>COLOR</b>	Cube connector: Alu color Cover caps: Black / alu color
<b>ASSEMBLY SET</b>	2 self-forming screws S12 x 30 - Torx T50
<b>PACK QUANTITY</b>	10 pieces / 10 set



Version	Surface	Color	L [mm]	R [mm]	Slot	Assembly Set	D1 [mm]	D2 [mm]	Weight [g]	Profile	Part #
Cover cap: Black	Plain		40.0	4.0	8		24.0	8.5	94.5	I	<a href="#">093WW405N08R</a>
	Plain		40.0	3.0	10		24.0	12.5	108.3	B	<a href="#">093WW407N10R</a>
	Plain		40.0	3.0	10	incl. assembly set	24.0	12.5	108.3	B	<a href="#">093WW407N10RS</a>
Cover cap: alu color	Powder coated	Alu color	40.0	4.0	8		24.0	8.5	94.5	I	<a href="#">093WW405N08</a>
	Powder coated	Alu color	40.0	3.0	10		24.0	12.5	108.3	B	<a href="#">093WW407N10</a>
	Powder coated	Alu color	40.0	3.0	10	incl. assembly set	24.0	12.5	108.3	B	<a href="#">093WW407N10S</a>

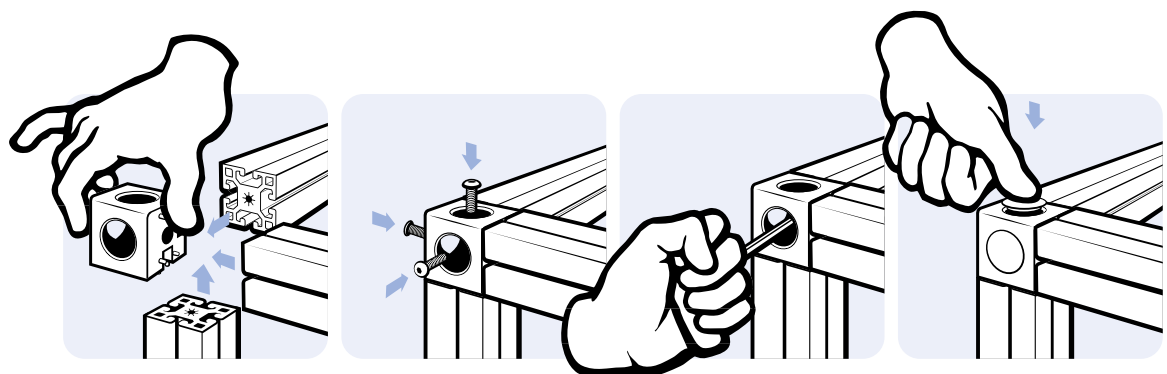


**CUBE CONNECTOR 40, 3D**

<b>MODEL</b>	Aluminum die-cast, with cover caps
<b>DESCRIPTION</b>	To connect three aluminum profiles at right angles; with cover caps to cover the bores
<b>MATERIAL</b>	Cube connector: Aluminum die-cast Cover caps: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Cube connector: Plain / powder coated Cover caps: Laquered Assembly set: Zinc plated
<b>COLOR</b>	Cube connector: Alu color Cover caps: Black / alu color
<b>ASSEMBLY SET</b>	3 self-forming screws S12 x 30 - Torx T50
<b>PACK QUANTITY</b>	10 pieces / 10 set

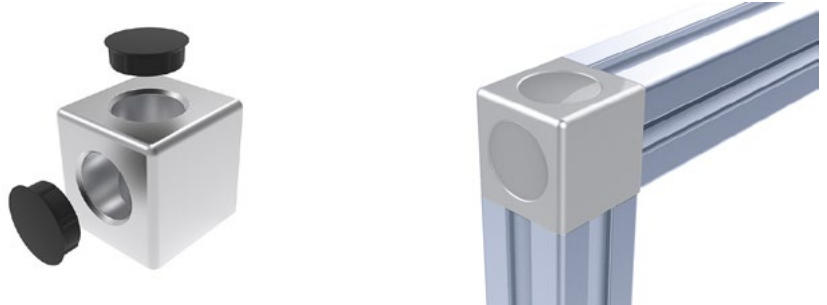
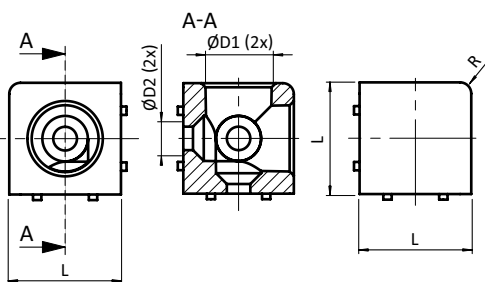


Version	Surface	Color	L [mm]	R [mm]	Slot	Assembly Set	D1 [mm]	D2 [mm]	Weight [g]	Profile	Part #
Cover cap: Black	Plain		40.0	4.0	8		24.0	8.5	94.5	I	<a href="#">093WW406N08R</a>
	Plain		40.0	3.0	10		24.0	12.5	87.3	B	<a href="#">093WW408N10R</a>
	Plain		40.0	3.0	10	incl. assembly set	24.0	12.5	87.3	B	<a href="#">093WW408N10RS</a>
Cover cap: alu color	Powder coated	Alu color	40.0	4.0	8		24.0	8.5	94.5	I	<a href="#">093WW406N08</a>
	Powder coated	Alu color	40.0	3.0	10		24.0	12.5	87.3	B	<a href="#">093WW408N10</a>
	Powder coated	Alu color	40.0	3.0	10	incl. assembly set	24.0	12.5	87.3	B	<a href="#">093WW408N10S</a>

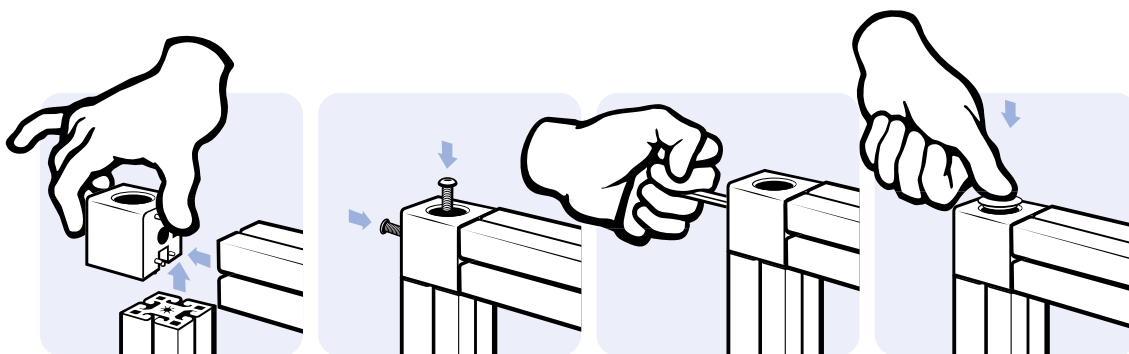


**CUBE CONNECTOR 45, 2D**

<b>MODEL</b>	Aluminum die-cast, with cover caps
<b>DESCRIPTION</b>	To connect two aluminium profiles at right angles; with cover caps to cover the bores
<b>MATERIAL</b>	Cube connector: Aluminum die-cast Cover caps: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Cube connector: Plain / powder coated Cover caps: Laquered Assembly set: Zinc plated
<b>COLOR</b>	Cube connector: Alu color Cover caps: Black / alu color
<b>ASSEMBLY SET</b>	2 self-forming screws S12 x 30 - Torx T50
<b>PACK QUANTITY</b>	10 pieces / 10 set

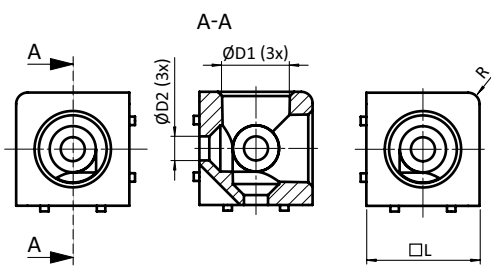


Version	Surface	Color	L [mm]	R [mm]	Slot	Assembly Set	D1 [mm]	D2 [mm]	Weight [g]	Profile	Part #
Cover cap: Black	Plain		45.0	3.0	10		24.0	13.0	151.5	B	<a href="#">093WW453N10R</a>
	Plain		45.0	3.0	10	incl. assembly set	24.0	13.0	157.5	B	<a href="#">093WW453N10RS</a>
Cover cap: alu color	Powder coated	Alu color	45.0	3.0	10		24.0	13.0	151.5	B	<a href="#">093WW453N10</a>
	Powder coated	Alu color	45.0	3.0	10	incl. assembly set	24.0	13.0	157.5	B	<a href="#">093WW453N10S</a>

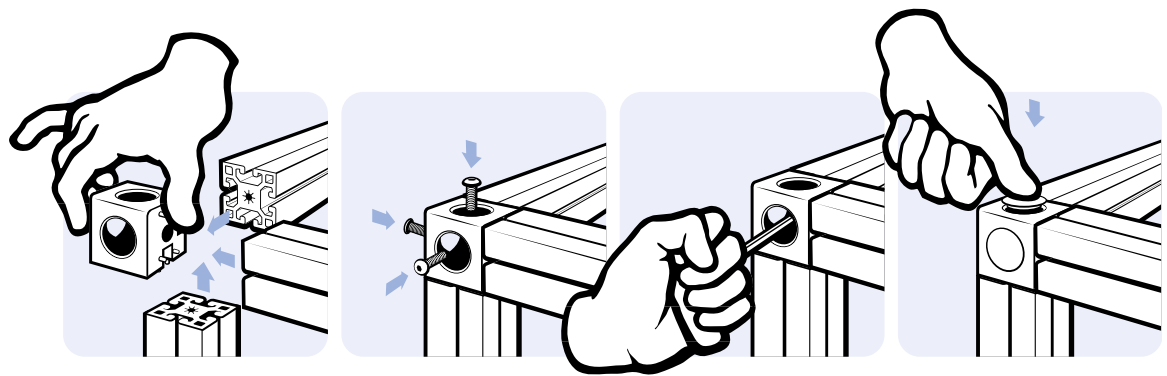


**CUBE CONNECTOR 45, 3D**

<b>MODEL</b>	Aluminum die-cast, with cover caps
<b>DESCRIPTION</b>	To connect three aluminum profiles at right angles; with cover caps to cover the bores
<b>MATERIAL</b>	Cube connector: Aluminum die-cast Cover caps: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Cube connector: Plain / powder coated Cover caps: Laquered Assembly set: Zinc plated
<b>COLOR</b>	Cube connector: Alu color Cover caps: Black / alu color
<b>ASSEMBLY SET</b>	3 self-forming screws S12 x 30 - Torx T50
<b>PACK QUANTITY</b>	10 pieces / 10 set

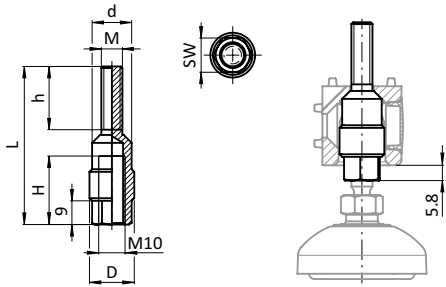


Version	Surface	Color	L [mm]	R [mm]	Slot	Assembly Set	D1 [mm]	D2 [mm]	Weight [g]	Profile	Part #
Cover cap: Black	Plain		45.0	3.0	10		24.0	13.0	151.5	B	<a href="#">093WW454N10R</a>
	Plain		45.0	3.0	10	incl. assembly set	24.0	13.0	161.0	B	<a href="#">093WW454N10RS</a>
Cover cap: alu color	Powder coated	Alu color	45.0	3.0	10		24.0	13.0	151.5	B	<a href="#">093WW454N10</a>
	Powder coated	Alu color	45.0	3.0	10	incl. assembly set	24.0	13.0	161.0	B	<a href="#">093WW454N10S</a>

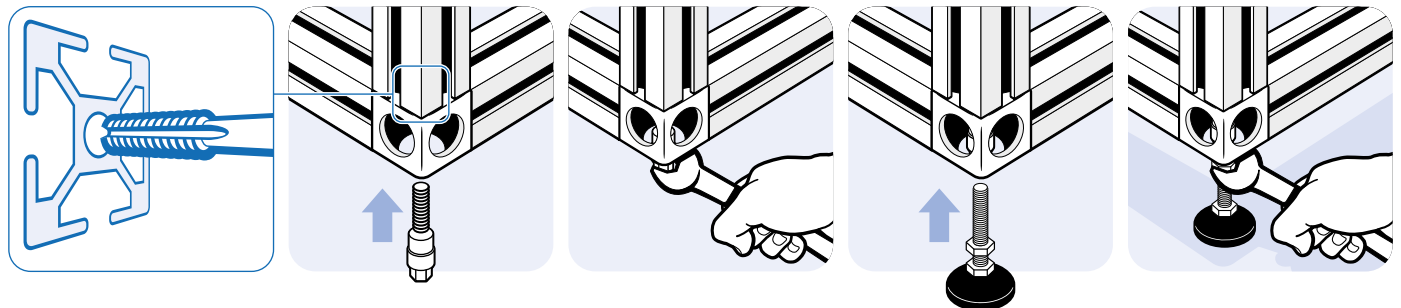


**THREADED CONNECTION STUD FOR CUBE CONNECTOR**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To mount cube connectors 2D or 3D and attach leveling feet or swivel and fixed castors at the same time
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	1 piece

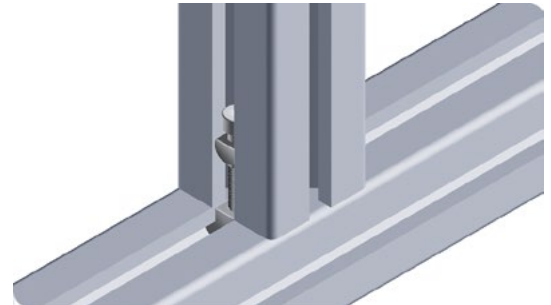
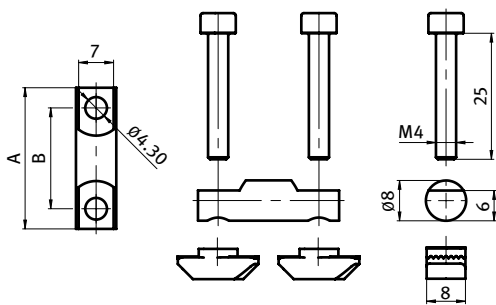


Version	H [mm]	L [mm]	SW [mm]	Slot	ØD [mm]	Ød [mm]	h [mm]	M	Weight [g]	Profile	Part #
For cube connector B30	26.0	60.0	13	8	17.0	15.0	24.0	M8	44.0	B	<a href="#">093GB60S110A8SW13</a>
For cube connector I40	30.0	72.0	17	8	23.0	15.0	28.0	M8	85.0	I	<a href="#">093GI72S110A8SW17</a>
For cube connector B40 or B45	30.0	74.0	19	10	23.0	19.0	28.0	M12	19.0	B	<a href="#">093GB74S110A12SW19</a>



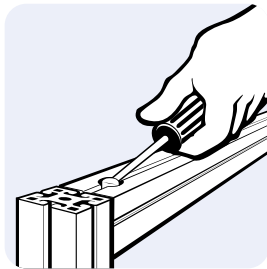
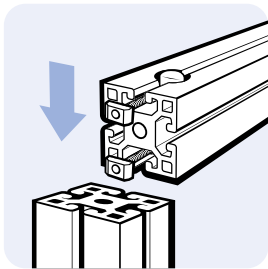
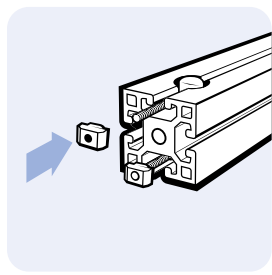
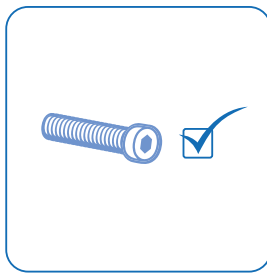
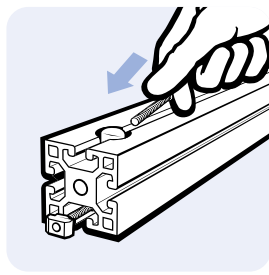
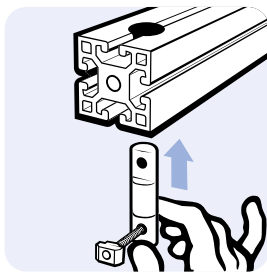
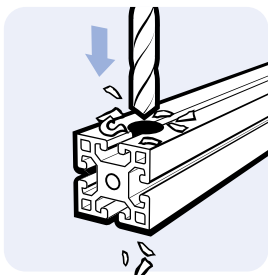
**BOLT CONNECTOR, SLOT 8 / D=8.2**

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; a 8.2 mm through-hole must be drilled through the side of one profile
<b>MATERIAL</b>	Bolts and screws: Steel Fixing bolts: Plastic PA, glass fiber reinforced Screw cover: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Bolts and screws: Zinc plated
<b>COLOR</b>	Fixing bolts: Black Screw cover: Black
<b>PACK QUANTITY</b>	10 pieces



A [mm]	B [mm]	Weight [g]	Profile	Part #
28.0	20.0	21.5	B	099C301

4

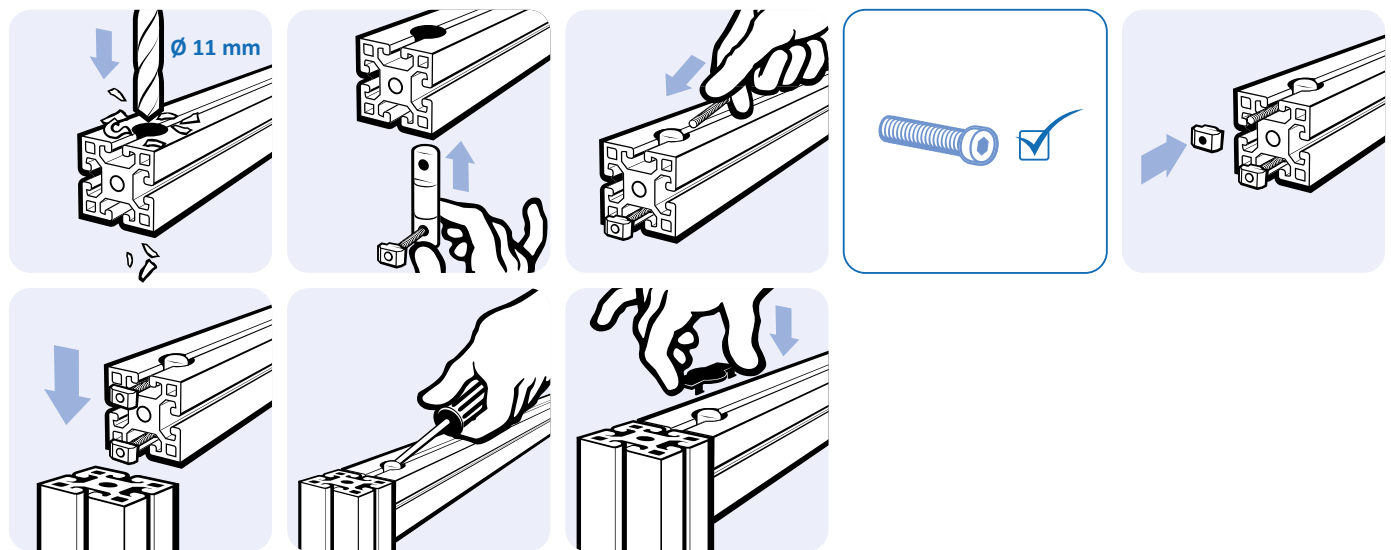


**BOLT CONNECTOR, SLOT 8 / D=11**

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; a 11 mm through-hole must be drilled through the side of one profile
<b>MATERIAL</b>	Bolts and screws: Steel Fixing bolts: Plastic PA, glass fiber reinforced Screw cover: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Bolts and screws: Zinc plated
<b>COLOR</b>	Fixing bolts: Black Screw cover: Black
<b>PACK QUANTITY</b>	10 pieces



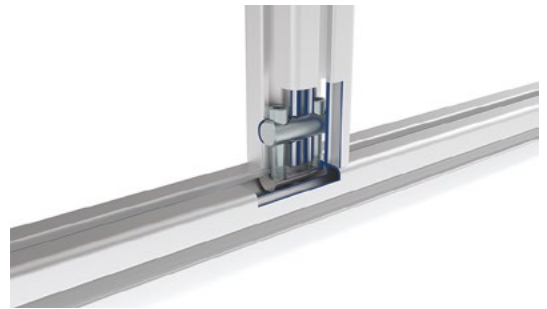
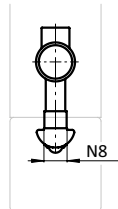
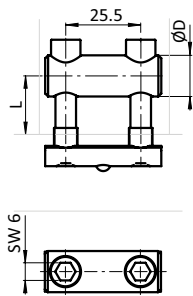
A [mm]	B [mm]	Weight [g]	Profile	Part #
28.0	18.0	27.0	B	099C303





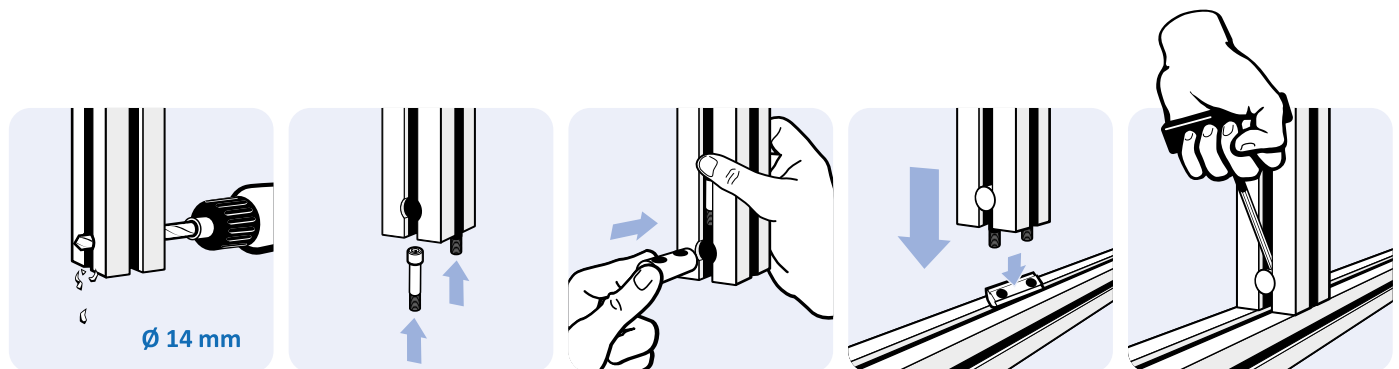
**BOLT CONNECTOR I, SLOT 8**

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; a hole with $\varnothing$ 14 mm must be drilled lateral through one of the profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



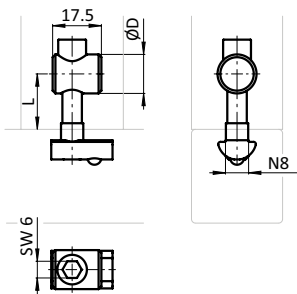
A [mm]	B [mm]	SW [mm]	ØD [mm]	Screw	Weight [g]	Profile	Part #
39.5	25.5	6.0	14.0	M8 x 35	79.5	I	099C403
79.5	65.5	6.0	14.0	M8 x 35	149.5	I	099C802

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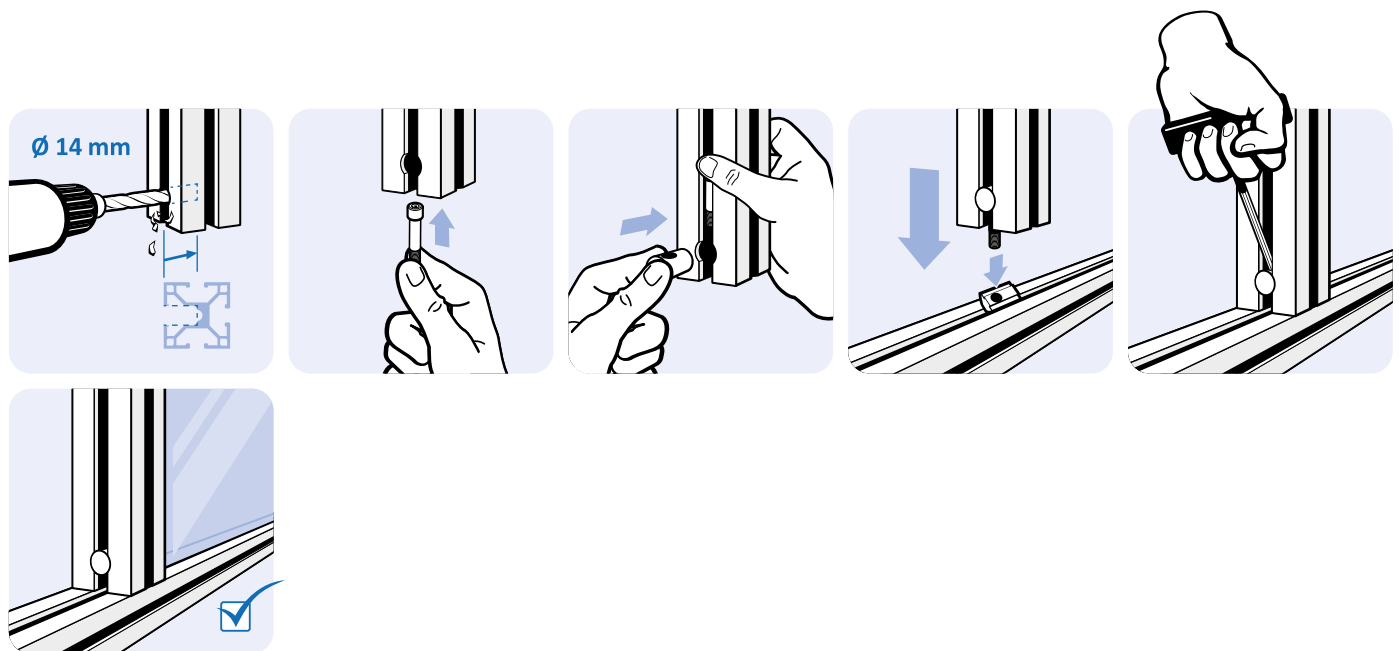


**BOLT CONNECTOR I, SLOT 8, SINGLE SIDE**

<b>MODEL</b>	Slot 8, single side
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; a hole with $\varnothing 14$ mm must be drilled lateral through one of the profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



L [mm]	SW [mm]	ØD [mm]	Screw	Weight [g]	Profile	Part #
20.0	6.0	14.0	M8 x 35	39.5	I	099C404



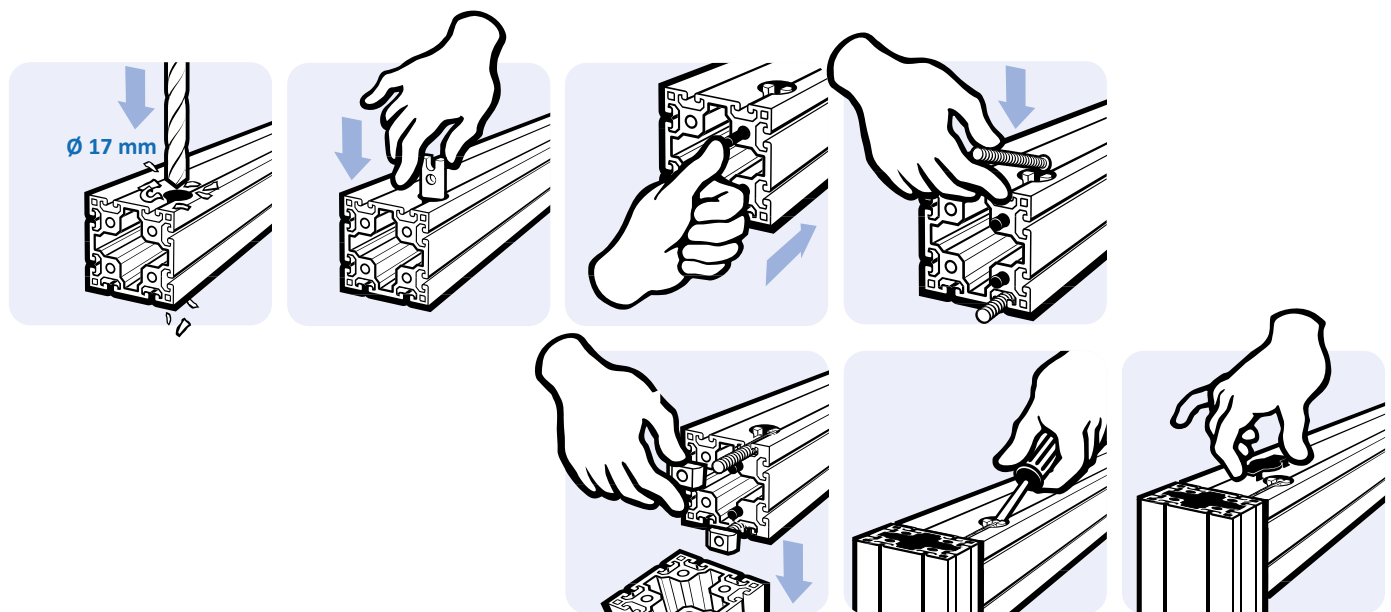
**BOLT CONNECTOR, SLOT 10**

<b>MODEL</b>	Slot 10
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; a 17 mm through-hole must be drilled through the side of one profile
<b>MATERIAL</b>	Base element: Steel Screws: Steel Fixing bolts: Plastic PA, glass fiber reinforced Screw cover: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



A [mm]	B [mm]	Weight [g]	Profile	Part #
37.0	23.0	74.0	B	<a href="#">099C401</a>
42.0	28.0	78.0	B	<a href="#">099C451</a>
47.0	33.0	81.0	B	<a href="#">099C501</a>
57.0	43.0	83.0	B	<a href="#">099C601</a>
77.0	63.0	121.0	B	<a href="#">099C801</a>
87.0	73.0	133.5	B	<a href="#">099C901</a>
97.0	83.0	134.0	B	<a href="#">099C1001</a>

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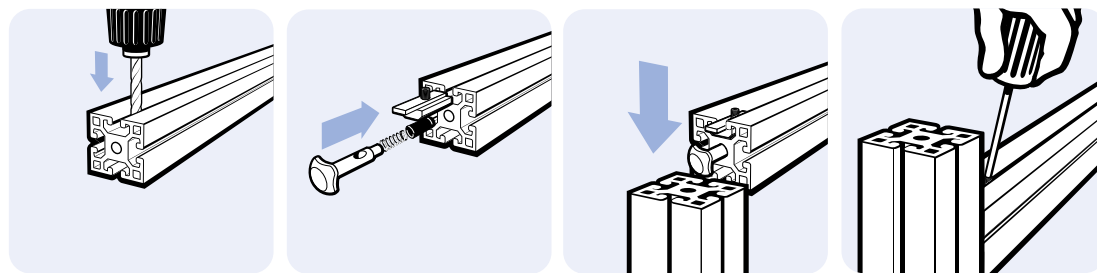


**CENTRAL CONNECTOR B, SLOT 6**

<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; a hole must be drilled through one of the profiles to provide access to the tightening screw
<b>MATERIAL</b>	Stainless steel
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces



A [mm]	D [mm]	b [mm]	B [mm]	d [mm]	L [mm]	SW [mm]	Slot	Opening Angle	t [mm]	Weight [g]	Profile	Part #
11.0	5.2	10.0	3.6	7.9	20.1	2.5	6	0° / 90°	18.5	9.5	B	<a href="#">099B060805</a>

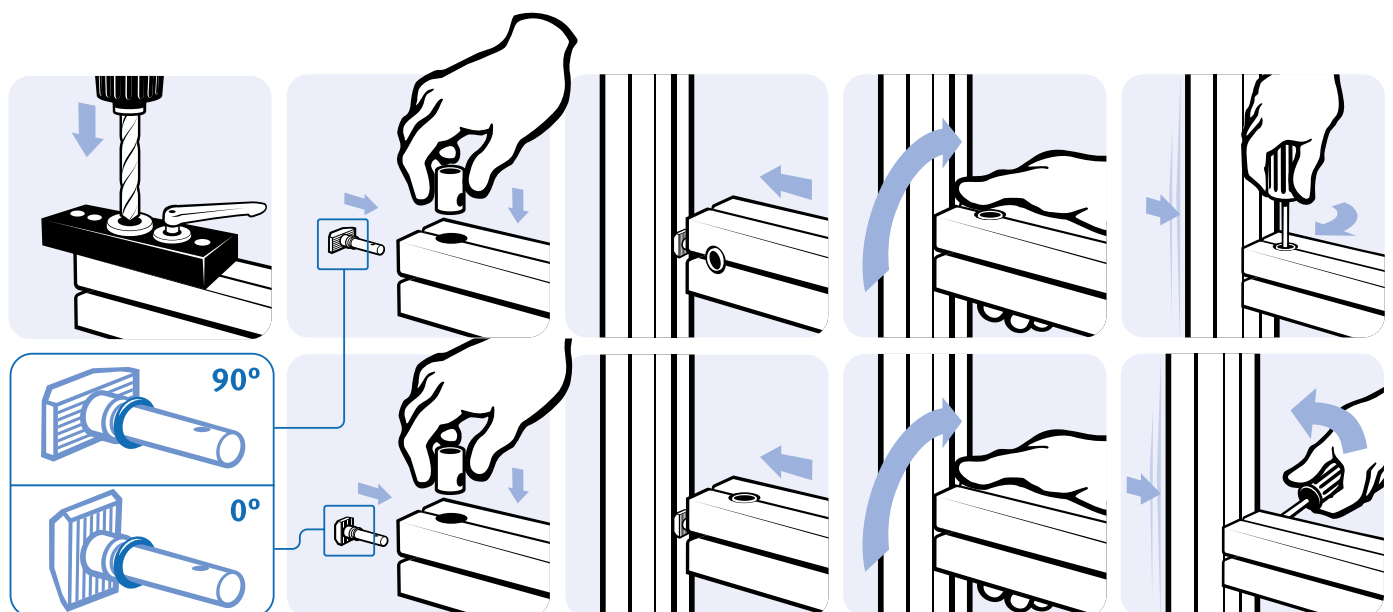


**CENTRAL CONNECTOR B, SLOT 8 AND SLOT 10**

<b>MODEL</b>	Zinc plated / plain
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; a blind or through hole must be drilled through one of the profiles to provide access to the tightening screw
<b>MATERIAL</b>	Zinc plated / plain
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	* (1) = profile 40; (2) = profile 45; (3) = profile 50

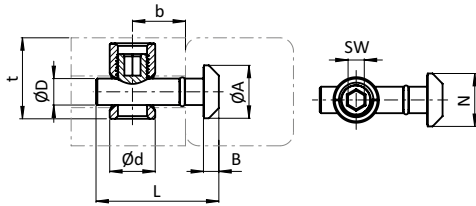


Version	A [mm]	D [mm]	b [mm]	B [mm]	d [mm]	L [mm]	SW [mm]	Slot	t [mm]	Weight [g]	Profile	Part #
0°	15.5	7.1	18.0	4.8	Ø11	33.0	4	8	22.0	21.0	B	<a href="#">099B08110700</a>
90°	15.5	7.1	18.0	4.8	Ø11	33.0	4	8	22.0	20.0	B	<a href="#">099B08110790</a>
0°	19.6	7.1	18.0	5.5	Ø11	40.0	4	8 / 10	22.0	26.0	B	<a href="#">099B08110700S01</a>
90°	19.6	7.1	18.0	5.5	Ø11	40.0	4	8 / 10	22.0	26.0	B	<a href="#">099B08110790S01</a>
0°	19.6	9.8	22.5	5.5	Ø17	45.5	6	10	31.0 *(1) 34.0 *(2) 36.0 *(3) 41.0 *(4)	56.0	B	<a href="#">099B10171000</a>
90°	19.6	9.8	22.5	5.5	Ø17	45.5	6	10	31.0 *(1) 34.0 *(2) 36.0 *(3) 41.0 *(4)	56.0	B	<a href="#">099B10171090</a>
Cover cap					Ø17			10 *(3) *(4)		0.6	B	<a href="#">091107</a>
					Ø17			10 *(1) *(2)		0.6	B	<a href="#">091108</a>



**CENTRAL CONNECTOR B UNIVERSAL, SLOT 10**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; a blind or through hole must be drilled through one of the profiles to provide access to the tightening screw
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



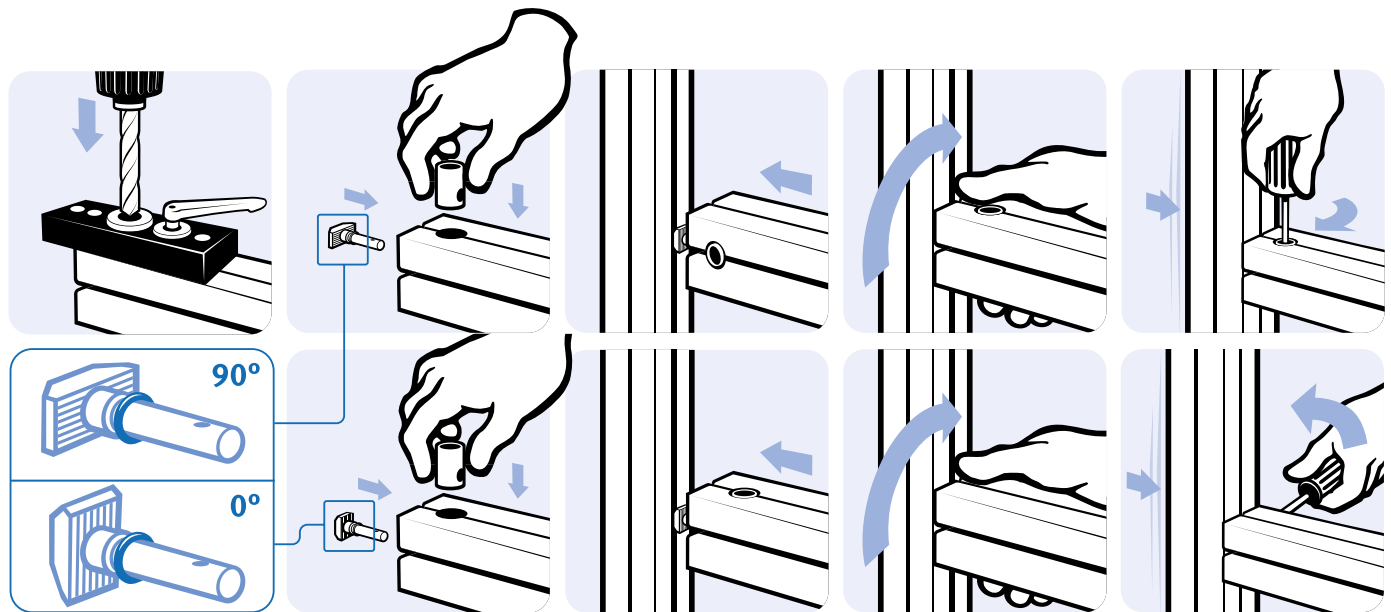
A [mm]	D [mm]	B [mm]	d [mm]	L [mm]	SW [mm]	N	Weight [g]	Profile	Part #
19.6	9.8	5.5	16.85	46.0	6	10	63.0	B	<a href="#">099B101710</a>

**CENTRAL CONNECTOR B, BUSH 9.8 / SLOT 10**

<b>MODEL</b>	Zinc plated / plain
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; a through hole must be drilled into one of the profiles to provide access to the tightening screw, the slot walls are not affected by this; the bush flush fits with the slot base, thus leaving both slots free to use; the slot can be completely covered with a cover profile
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces

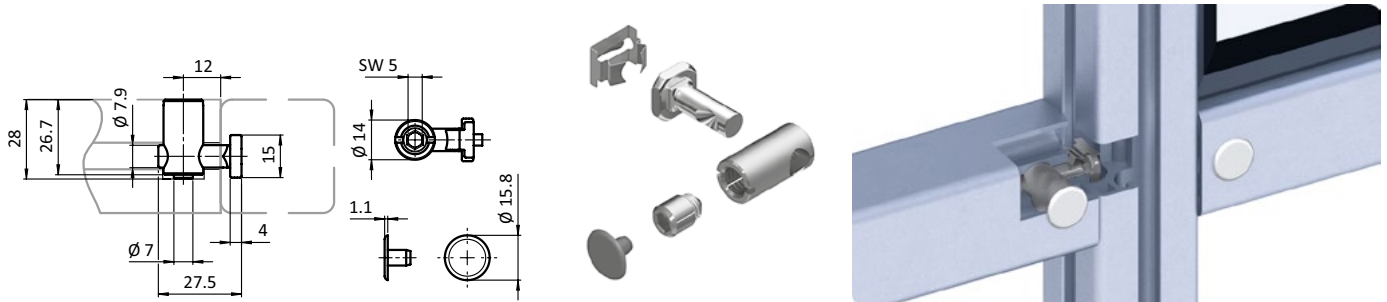


Version	A [mm]	D [mm]	b [mm]	B [mm]	d [mm]	L [mm]	SW [mm]	Slot	Weight [g]	Profile	Part #
0°	19.4	6.8	22.5	5.3	Ø9.8	45.6	3	10	29.0	B	099B10101000
90°	19.4	6.8	22.5	5.3	Ø9.8	45.6	3	10	29.0	B	099B10101090



**CENTRAL CONNECTOR I, SLOT 8**

<b>MODEL</b>	Steel, profile 40, slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; before the application a 28 mm deep blind hole with $\varnothing$ 14.2 mm lateral and a 20 mm deep blind hole with $\varnothing$ 8.2 mm frontal must be drilled; with cover cap
<b>MATERIAL</b>	Connector: Steel Clamp: Stainless steel Cover caps: Plastic PP
<b>SURFACE</b>	Connector: Zinc plated Clip: Plain
<b>COLOR</b>	Cover cap: gray $\approx$ RAL 7042
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Radius Seal see 093RD84040R4; if used with the radius seal, the distance dimension of the bore hole should be reduced by the thickness of the radius seal

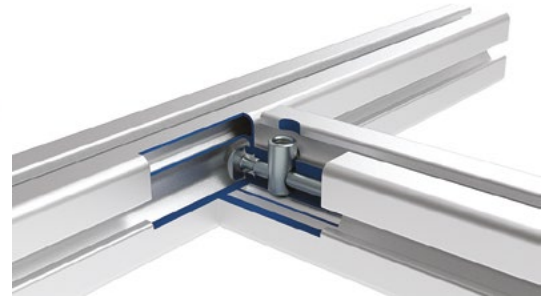
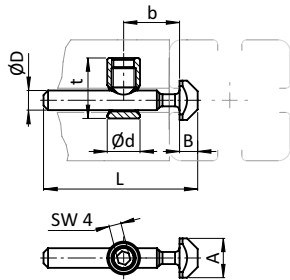


Version	ESD	Slot	Weight [g]	Profile	Part #
with notches	ESD electrostatical discharging	8	42.8	I	<a href="#">099B081408</a>
without notches		8	42.8	I	<a href="#">099B081408S01</a>



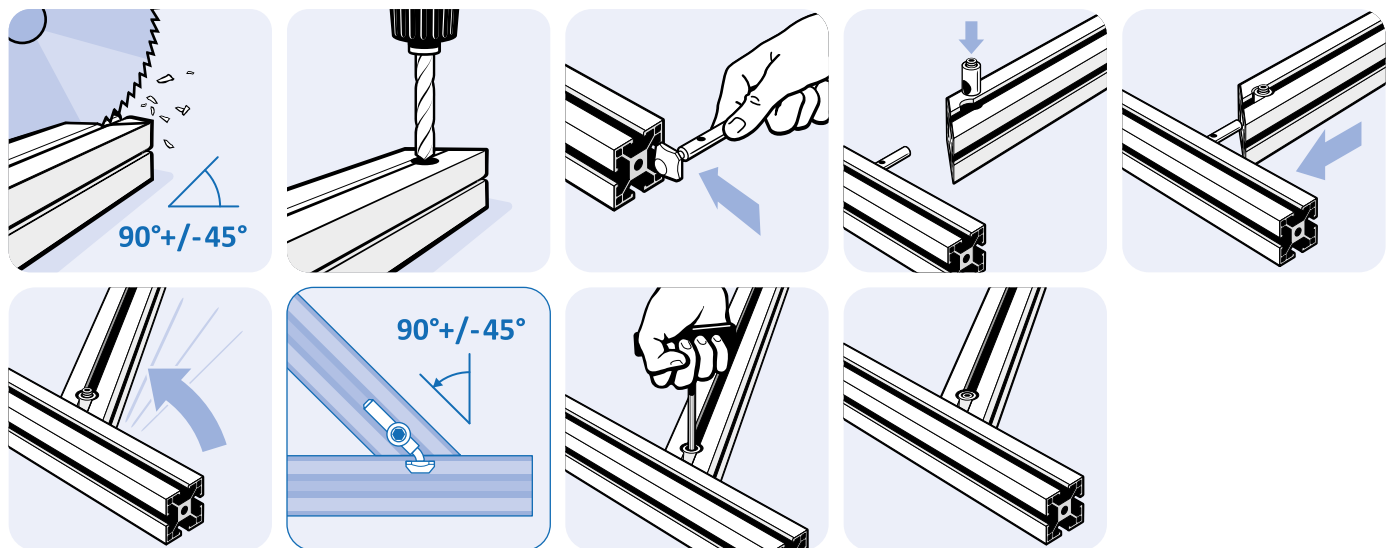
**CENTRAL CONNECTOR | 90° +/-45°**

<b>MODEL</b>	Steel / stainless steel
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles of the same type; a blind or through hole must be drilled before the assembly; bendable from 45° to 135°
<b>MATERIAL</b>	Tie-rod: Stainless steel Bushes: Steel
<b>SURFACE</b>	Tie-rod: Plain Bushes: Zinc plated
<b>PACK QUANTITY</b>	10 pieces



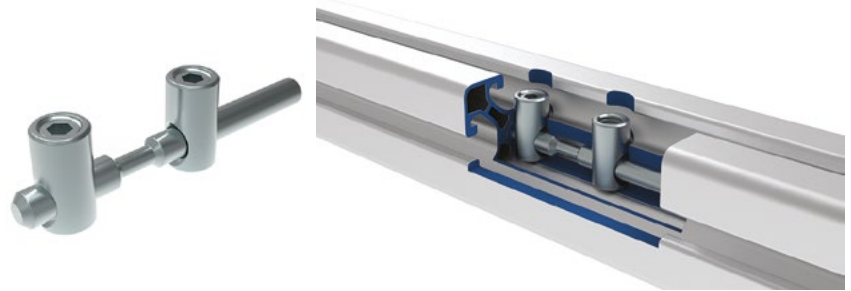
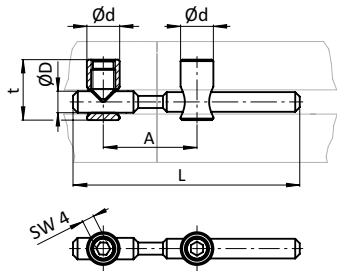
A [mm]	D [mm]	b [mm]	B [mm]	d [mm]	L [mm]	SW [mm]	Slot	t [mm]	Weight [g]	Profile	Part #
13.0	6.5	18.5	6.0	11.0	51.0	4	8	20.0	24.6	I	099B0811S03

4

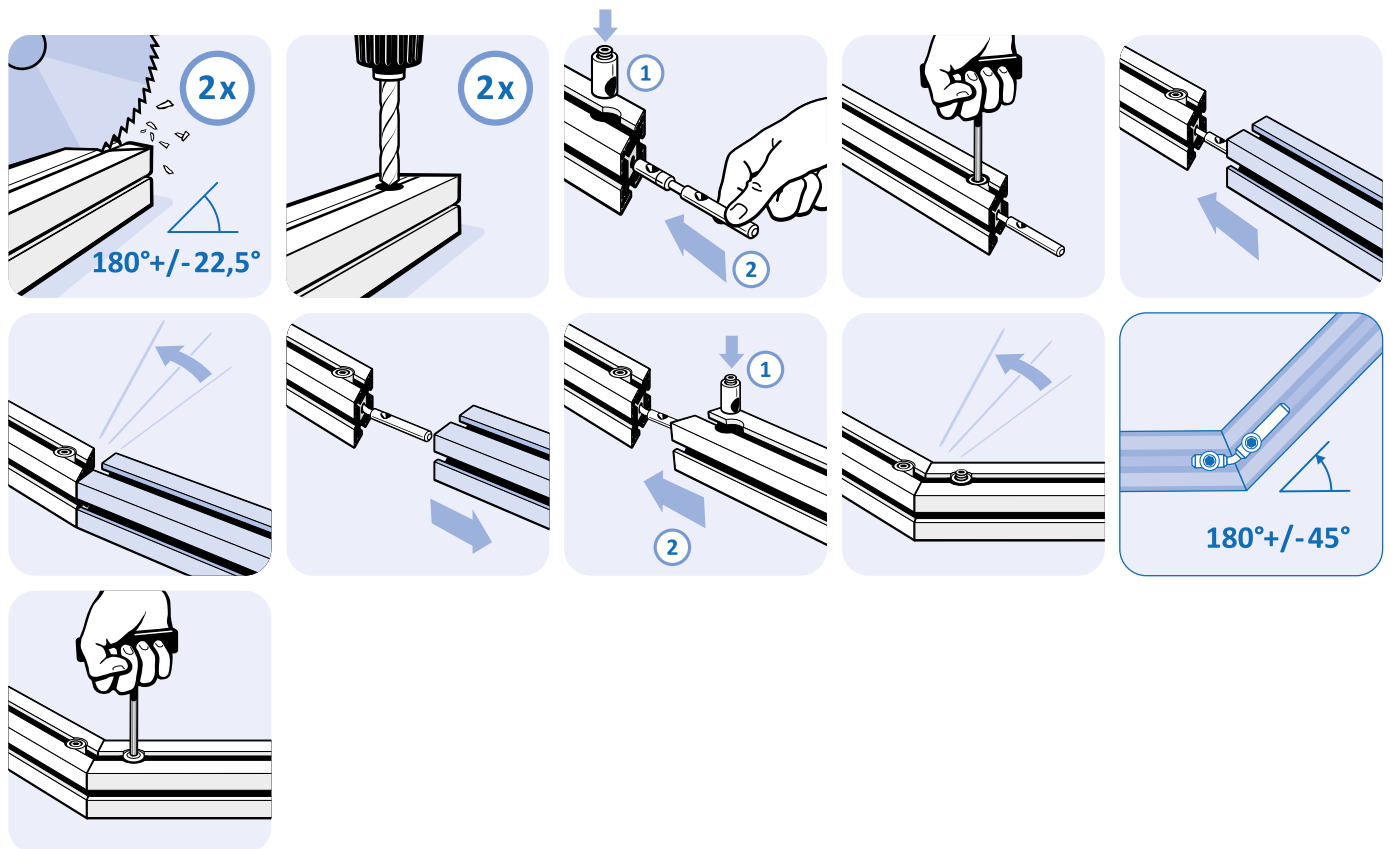


**CENTRAL BUTT CONNECTOR | 180° +/-45°**

<b>MODEL</b>	Steel / stainless steel
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles of the same type; a blind or through hole must be drilled before the assembly; bendable from 90° to 180°
<b>MATERIAL</b>	Tie-rod: Stainless steel Bushes: Steel
<b>SURFACE</b>	Tie-rod: Plain Bushes: Zinc plated
<b>PACK QUANTITY</b>	10 pieces

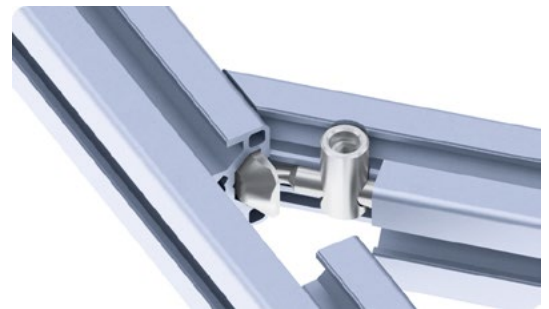
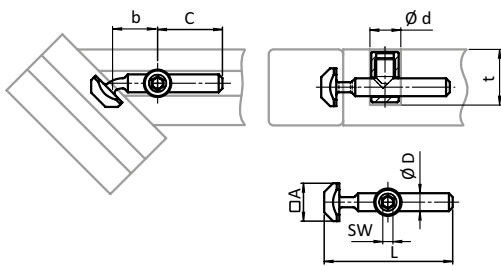


A [mm]	D [mm]	d [mm]	L [mm]	SW [mm]	Slot	t [mm]	Weight [g]	Profile	Part #
31.0	6.5	11.0	75.0	4	8	20.0	25.6	I	099B0811S04

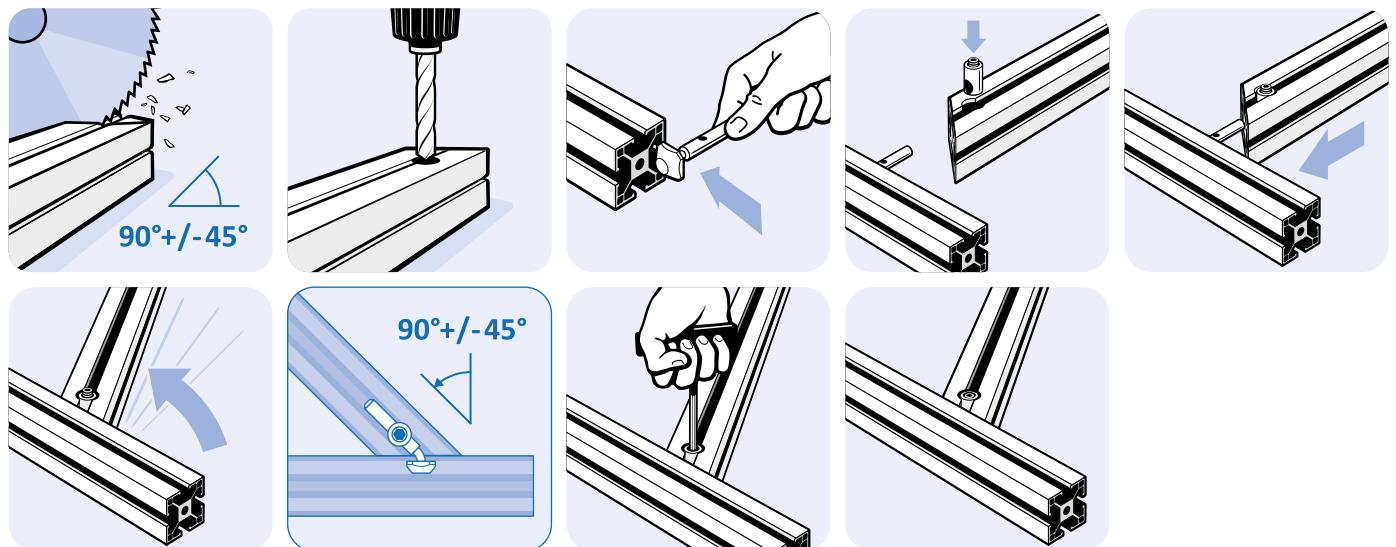


**CENTRAL CONNECTOR B 90° +/-45°**

<b>MODEL</b>	Steel / stainless steel
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles of the same type; a blind or through hole must be drilled before the assembly; bendable from 45° to 135°
<b>MATERIAL</b>	Tie-rod: Stainless steel Bushes: Steel
<b>SURFACE</b>	Tie-rod: Plain Bushes: Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Cover Cap* (1) = profile 40; (2) profile 45; (3) profile 50

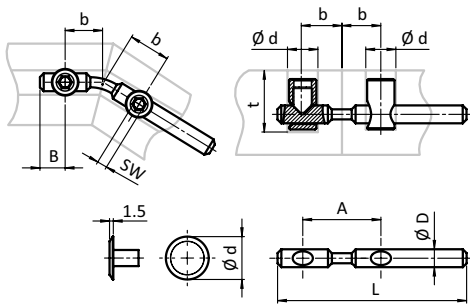


D [mm]	b [mm]	d [mm]	L [mm]	SW [mm]	Slot	t [mm]	Weight [g]	Profile	Part #
7.1	18.0	Ø11	51.0	4	8	22.0	27.0	B	<b>099B0811S02</b>
9.8	22.5	Ø17	75.0	6	10	31.0 *(1)	76.0	B	<b>099B1017S02</b>
						34.0 *(2)			
						36.0 *(3)			

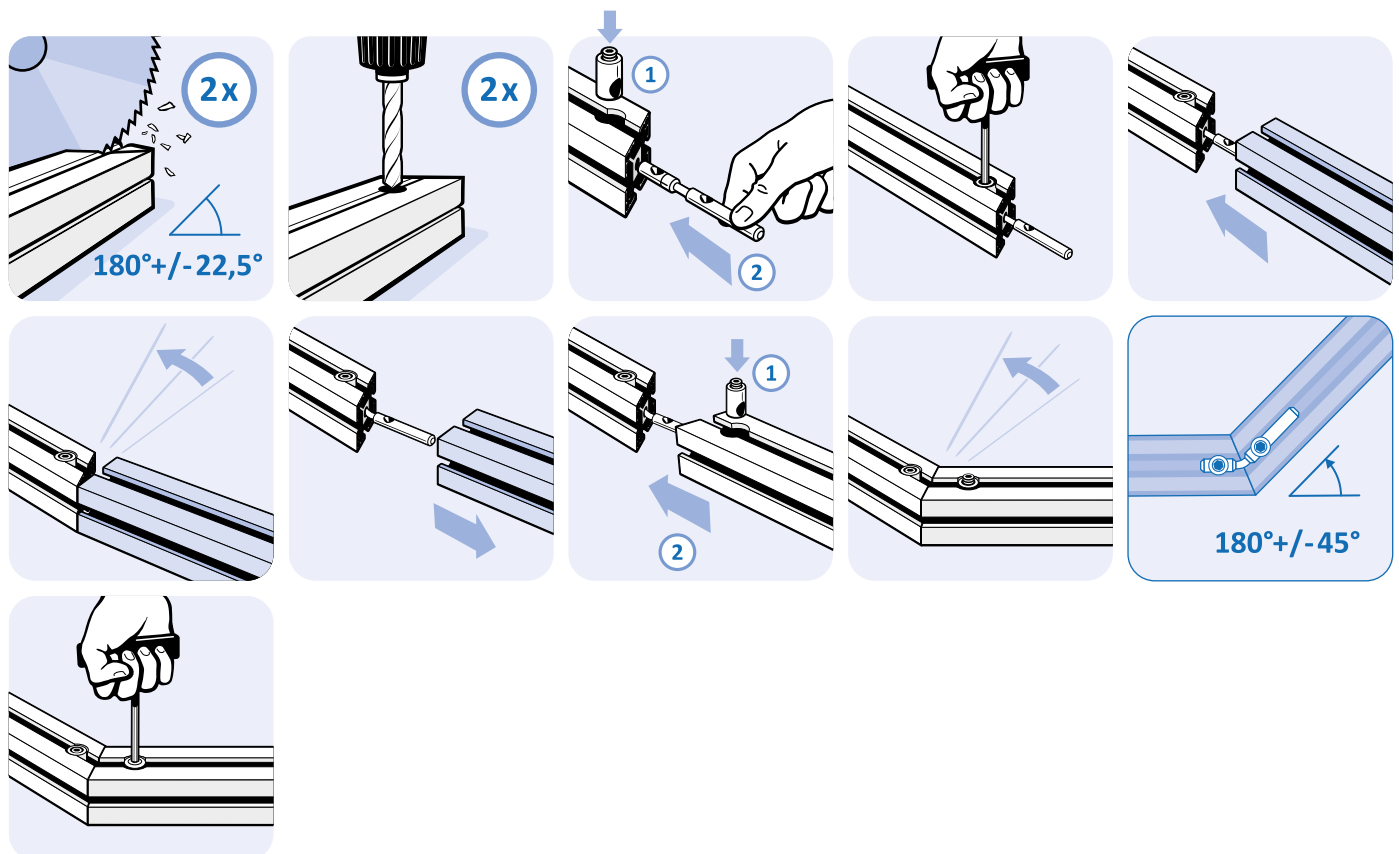


**CENTRAL BUTT CONNECTOR B 180° +/-45°**

<b>MODEL</b>	Steel / stainless steel
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles of the same type; a blind or through hole must be drilled before the assembly; bendable from 90° to 180°
<b>MATERIAL</b>	Tie-rod: Stainless steel Bushes: Steel
<b>SURFACE</b>	Tie-rod: Plain Bushes: Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Cover Cap* (1) = profile 40; (2) profile 45; (3) profile 50



A [mm]	D [mm]	b [mm]	B [mm]	d [mm]	L [mm]	SW [mm]	Slot	t [mm]	Weight [g]	Profile	Part #
31.0	7.1	18.0	10.0	Ø11	75.0	4	8	22.0	28.0	B	099B0811S01
37.5	9.8	22.5	15.0	Ø17	100.0	6	10	31.0 *(1)	79.0	B	099B1017S01
								34.0 *(2)			
								36.0 *(3)			



**CENTRAL CONNECTOR BUSH 15, SLOT 8**

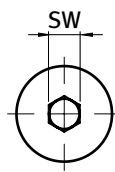
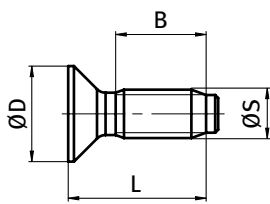
<b>MODEL</b>	Bush 15
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles; a hole must be drilled through one of the profiles to provide access to the tightening screw
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



	Version	Weight [g]	Part #
	(A) Hammer vertically to bush	49.0	<a href="#">099B081511S</a>
	(A) Hammer horizontally to bush	49.0	<a href="#">099B081511W</a>
	(B) Hammer vertically / horizontally to bush	50.0	<a href="#">099B081511</a>

**SELF FORMING COUNTERSUNK SCREW**

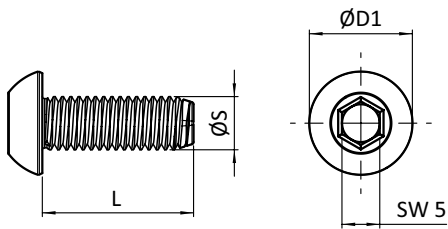
<b>MODEL</b>	With hexagon socket
<b>DESCRIPTION</b>	For all mounting applications to the front of the aluminum profile; detachable and reusable; designed for optimized fastening strength
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	S7 x 16: Black oxide, wax S8 x 25: Zinc plated, wax
<b>PACK QUANTITY</b>	100 pieces
<b>TIP</b>	* Compatible Screw-on Cover Cap ZN see 091347



Version	D [mm]	B [mm]	SW	Size S x L [mm]	Weight [g]	Profile	Tip	Part #
	12.0	11.0	4	S7 x 16	6.0	I	*	<a href="#">093S0716C</a>
Compatible with metric threads	15.8	20.0	5	S8 x 25	12	B		<a href="#">093S0825C</a>

**SELF FORMING BUTTON HEAD SCREW**

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To fix connection angles, angles, turn-locks and other components to the core hole of the aluminum profile; no thread cutting is needed to fix the screw
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



SW [mm]	Size S x L	D1 [mm]	Weight [g]	Profile	Part #
5	S7 x 20	13.7	8.2	I	093S0720M

**SELF FORMING SCREW**

<b>MODEL</b>	With Torx
<b>DESCRIPTION</b>	To connect two aluminum profiles; no thread cutter is necessary to fix the screw; because of the special form of the head of the screw and the self-forming thread, a conductive connection of two aluminum profiles is achieved
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces

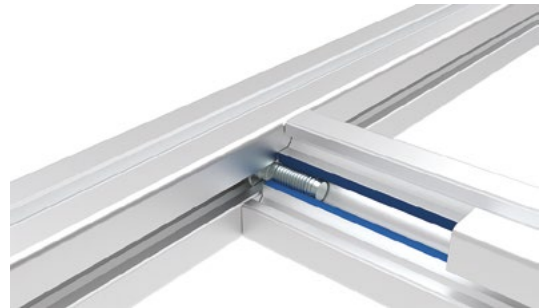
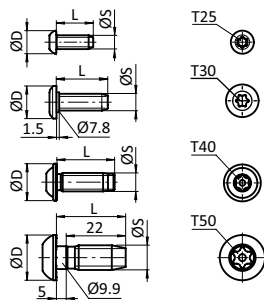
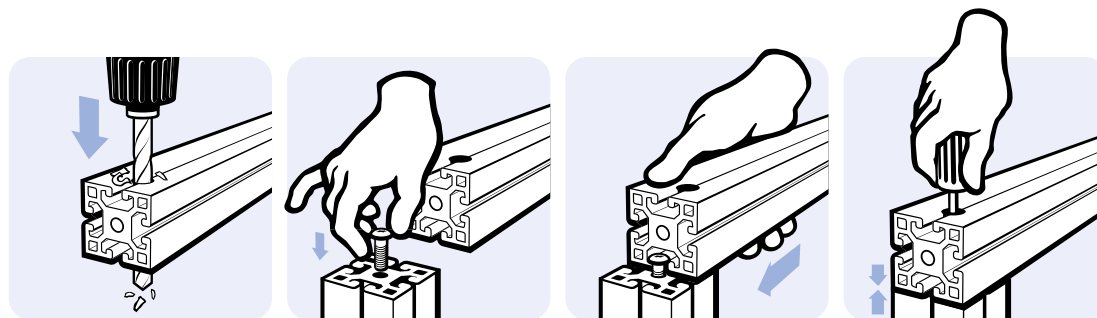


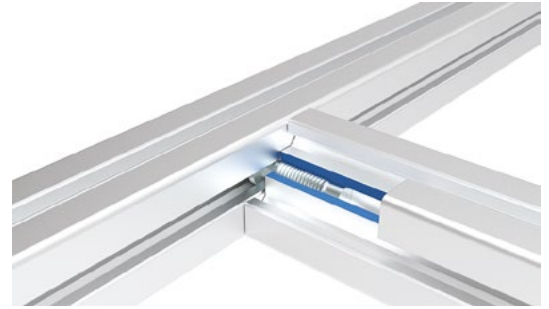
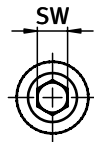
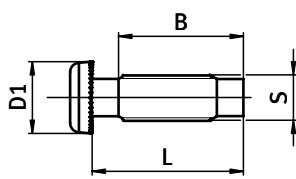
Fig.	ESD	ØD [mm]	Size S x L [mm]	Torx	Weight [g]	Profile	Part #
①	ESD	10.0	S6 x 16	T25	4.0	B	<a href="#">093S0616T</a>
②	ESD	14.0	S7 x 22	T30	8.7	I	<a href="#">093S0722T</a>
③	ESD	16.0	S8 x 25	T40	12	B	<a href="#">093S0825T</a>
④	ESD	19.0	S12 x 30	T50	25.2	B	<a href="#">093S1230T</a>





**SELF TAPPING SCREW**

<b>MODEL</b>	With hexagon socket
<b>DESCRIPTION</b>	To connect two aluminum profiles; no thread cutter is necessary to fix the screw; because of the special form of the head of the screw and the self-forming thread, a conductive connection of two aluminum profiles is achieved
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



B [mm]	SW	Size S x L	D1 [mm]	Weight [g]	Profile	Part #
10.8	3	S5 x 16	8.5	1.0	I	<a href="#">093SF0516</a>
19.5	5	S7 x 25	13.8	11.0	I	<a href="#">093SF0725</a>
34.5	5	S7 x 40	13.8	15.0	I	<a href="#">093SF0740</a>
26.0	8	S12 x 40	19.0	31.0	B	<a href="#">093SF1240</a>

**CONNECTING SCREW B**

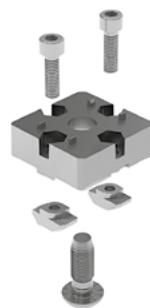
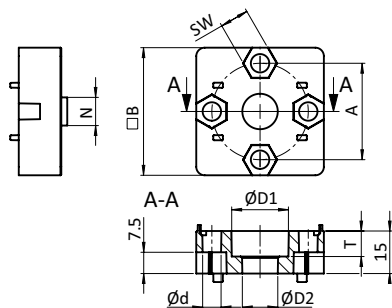
<b>MODEL</b>	Zinc plated / plain
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



Assembly	Size M x L [mm]	Weight [g]	Profile	Part #
Hexagon socket SW8	M12 x 30	28.4	B	<a href="#">093M1230</a>
Torx T50	M12 x 30	28.2	B	<a href="#">093M1230T</a>

PLATE CONNECTOR B AL

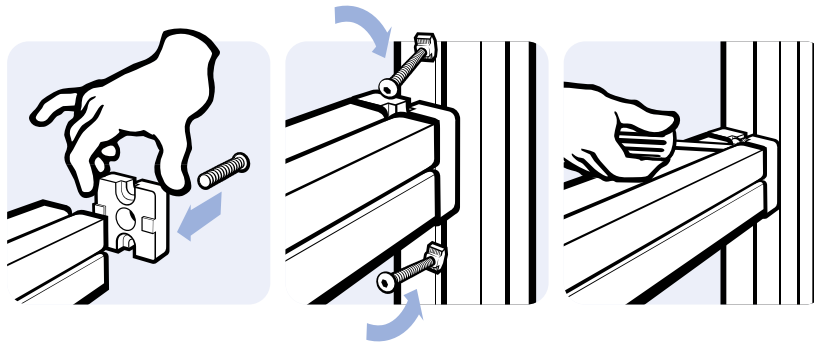
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To tee connect two aluminum profiles
<b>MATERIAL</b>	Plate connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Plate connector: Plain / powder coated Assembly set: Zinc plated
<b>COLOR</b>	Alu color
<b>ASSEMBLY SET 1</b>	1 screw DIN 7984 - M8 x 30, 2 screws DIN 7984 - M5 x 16, 2 hammer nuts - slot 8 - M5
<b>ASSEMBLY SET 2</b>	1 self forming screw S12 x 30 Torx T50, 2 screws DIN 7984 - M6 x 20, 2 hammer nuts - slot 10 - M6
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces on request



Surface	Color	A [mm]	B [mm]	d [mm]	T [mm]	SW [mm]	Assembly Set	D1 [mm]	D2 [mm]	N	Weight [g]	Pro-file	Part #
Plain		21.6	30	5.5	6.0	9		13.6	8.5	8	20.0		<a href="#">099EA30300808R</a>
		30.0	40	6.2	6.5	10		20.0	12.4	10	39.0		<a href="#">099EA40401012R</a>
		34.0	45	6.5	9.0	10		20.0	12.5	10	50.0		<a href="#">099EA45451012R</a>
		21.6	30	5.5	6.0	8.9	With assembly set 1	13.6	8.5	8	52.0	B	<a href="#">099EA30300808RS01</a>
		30.0	40	6.2	6.5	10	With assembly set 2	20.0	12.4	10	89.0	B	<a href="#">099EA40401012RS01</a>
		34.0	45	6.5	9.0	10	With assembly set 2	20.0	12.5	10	100.0	B	<a href="#">099EA45451012RS01</a>
Powder coated	Alu color	21.6	30	5.5	6.0	8.9		13.6	8.5	8	20.0		<a href="#">099EA30300808A</a>
	Alu color	30.0	40	6.2	6.5	10		20.0	12.4	10	39.0		<a href="#">099EA40401012A</a>
	Alu color	34.0	45	6.5	9.0	10		20.0	12.5	10	50.0		<a href="#">099EA45451012A</a>
	Alu color	21.6	30	5.5	6.0	8.9	With assembly set 1	13.6	8.5	8	52.0	B	<a href="#">099EA30300808AS01</a>
	Alu color	30.0	40	6.2	6.5	10	With assembly set 2	20.0	12.4	10	89.0	B	<a href="#">099EA40401012AS01</a>
	Alu color	34.0	45	6.5	9.0	10	With assembly set 2	20.0	12.5	10	100.0	B	<a href="#">099EA45451012AS01</a>



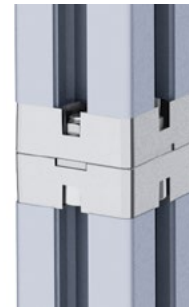
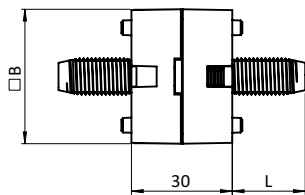
PLATE CONNECTOR B AL



**PLATE BUTT CONNECTOR B AL (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles of the same type
<b>MATERIAL</b>	Plate connector: Aluminum die-cast Screws / hammer nuts: Steel
<b>SURFACE</b>	Plate connector: Plain / powder coated Screws / hammer nuts: Zinc plated
<b>COLOR</b>	Alu color
<b>SET 1</b>	2 plate connectors, 2 screws DIN 7984 - M8 x30, 4 screws DIN 7984 - M5 x 20, 4 hexagon nuts DIN 934 - M5
<b>SET 2</b>	2 plate connectors, 2 self forming screws S12 x 30 - Torx T50, 4 screws DIN 7984 - M6 x 20, 4 hexagon nuts DIN 439 B - M6
<b>SET 3</b>	2 plate connectors, 2 self forming screws S12 x 30 - Torx T50, 4 screws DIN 7984 - M6 x 20, 4 hexagon nuts DIN 934 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Individual Plate Connector, not as part of a set, see 099EA30300808R

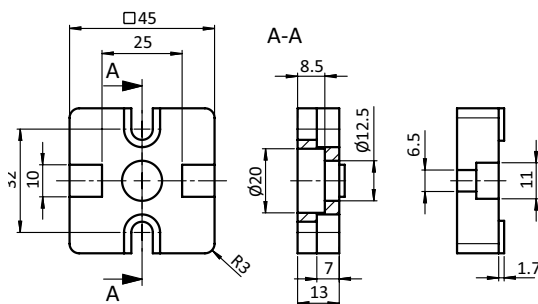
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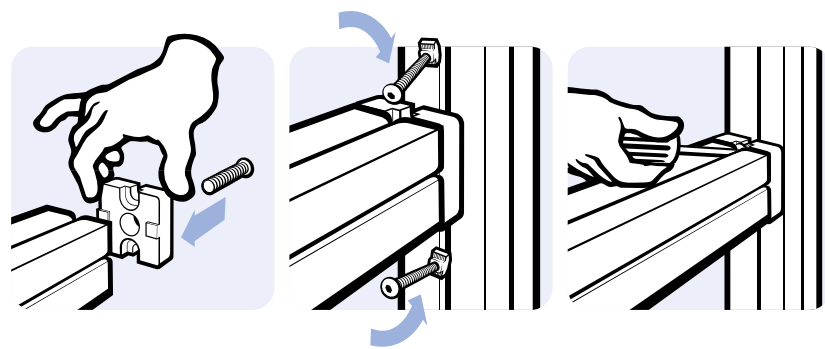
Surface	Color	Set	B [mm]	L [mm]	N	Weight [g]	Profile	Part #
Plain		Set 1	30	21.0	8	92.0	B	<a href="#">099EA30300808RS02</a>
		Set 2	40	22.0	10	184.0	B	<a href="#">099EA40401012RS02</a>
		Set 3	45	24.0	10	206.0	B	<a href="#">099EA45451012RS02</a>
Powder coated	Alu color	Set 1	30	21.0	8	92.0	B	<a href="#">099EA30300808AS02</a>
	Alu color	Set 2	40	22.0	10	184.0	B	<a href="#">099EA40401012AS02</a>

**PLATE CONNECTOR B ZN 45, SLOT 10**

<b>MODEL</b>	Zinc die-cast, slot 10
<b>DESCRIPTION</b>	To tee connect two aluminum profiles
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>FASTENING</b>	For screws: 1 x M12 x 30, 2 x M6 x 18 and 2 T-slot nuts or hammer nuts
<b>PACK QUANTITY</b>	10 pieces

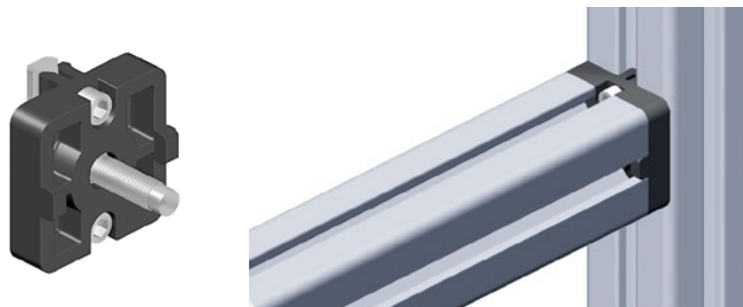
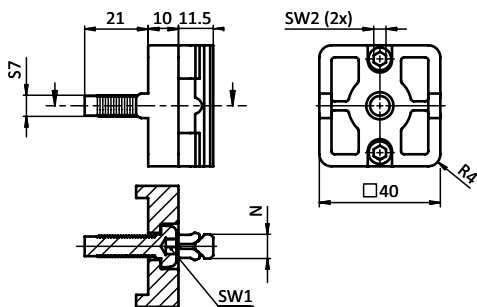


Surface	Color	Weight [g]	Part #
Powder coated	Alu color	88.6	<a href="#">099E45451012A</a>
Plain		88.6	<a href="#">099E45451012R</a>



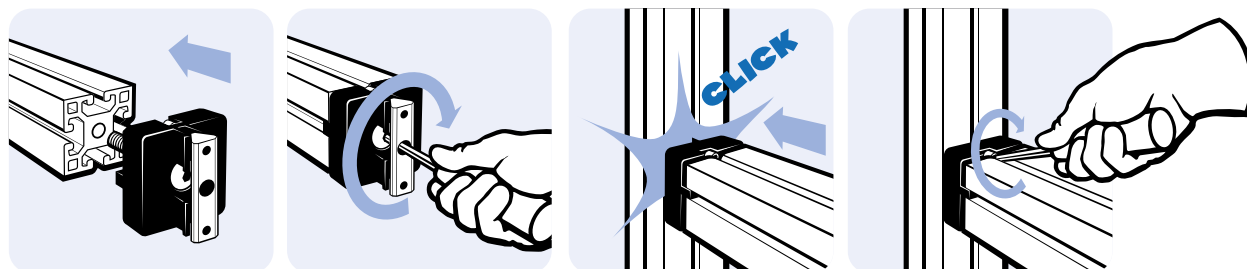
**PLATE CONNECTOR I PA 40, SLOT 8 (SET)**

<b>MODEL</b>	With Plastic clamp for slot 8
<b>DESCRIPTION</b>	To tee connect two aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>SET</b>	1 plate connector, 1 wedge, zinc plated steel, 2 cylinder head screws, M4 x 14, zinc plated steel, 1 self tapping screw, SF7 x 25 with hexagon socket, zinc plated steel
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request



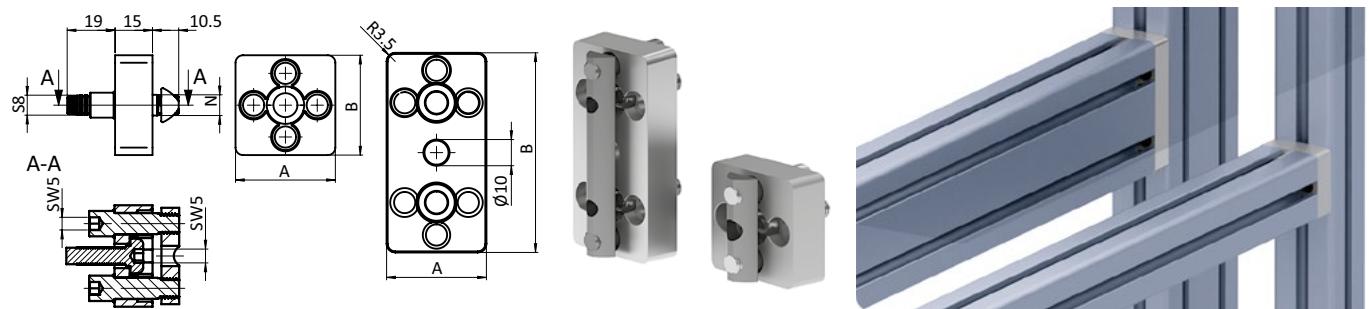
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Slot 8	SW 1	SW 2	Weight [g]	Profile	Part #
8	5	4	39.0	I	099E40400808K



**PLATE CONNECTOR I ZN 40 (SET)**

<b>MODEL</b>	Zinc die-cast, slot 8
<b>DESCRIPTION</b>	To tee connect two aluminum profiles
<b>MATERIAL</b>	Plate Connector: Zinc die-cast Assembly set: Steel
<b>SURFACE</b>	Plate Connector: Plain / powder coated Assembly set: Zinc plated
<b>COLOR</b>	Alu color
<b>SET 1</b>	1 self-tapping screw SF7 x 25, 1 double T-slot nut - Nut 8 - M8, 2 shaft screws M8
<b>SET 2</b>	2 self-tapping screws SF7 x 25, 1 double T-slot nut - Nut 8 - M8, 2 shaft screws M8
<b>SET 3</b>	2 self-tapping screws SF7 x 25, 2 double T-slot nut - Nut 8 - M8, 4 shaft screws M8
<b>PACK QUANTITY</b>	10 sets

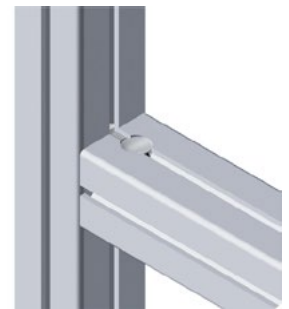
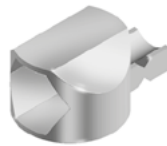
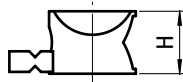
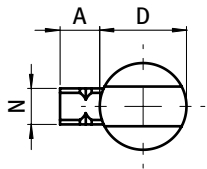


Surface	Color	Assembly Set	A x B [mm]	N	Weight [g]	Profile	Part #
Plain		With assembly set 1	40 x 40	8	134.0	I	<a href="#">099E40400808RS01</a>
		With assembly set 2	40 x 80	8	242.0	I	<a href="#">099E40800808RS01</a>
		With assembly set 3	40 x 80	8	266.0	I	<a href="#">099E40800808RS02</a>
Powder coated	Alu color	With assembly set 1	40 x 40	8	134.0	I	<a href="#">099E40400808AS01</a>



UNIVERSAL CONNECTOR I

<b>MODEL</b>	Zinc die-cast / stainless steel
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Zinc die-cast / stainless steel
<b>SURFACE</b>	Zinc plated / plain
<b>ASSEMBLY SET 1</b>	1 T-slot nut - slot 5 - M4, 1 screw DIN EN ISO 4762 (DIN 912) - M4 x 14
<b>ASSEMBLY SET 2</b>	1 T-slot nut - slot 6 - M6, 1 screw ISO 7380 - M6 x 22
<b>ASSEMBLY SET 3</b>	1 T-slot nut - slot 8 - M8, 1 screw ISO 7380 - M8 x 30
<b>ASSEMBLY SET 4</b>	Stainless steel: 1 T-slot nut - slot 8 - M8, 1 screw ISO 7380 - M8 x 30
<b>PACK QUANTITY</b>	100 pieces / 10 sets

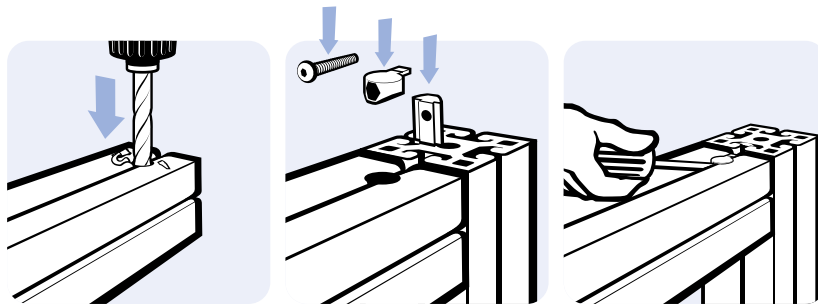


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Surface	Material	A [mm]	D [mm]	H [mm]	Assembly Set	for Screw	Modular Dimension [mm]	N	Pack Quantity [Pieces]	Weight [g]	Profile	Part #
Zinc plated	Zinc die-cast	5.4	11.8	8.5		M4	20	5	100	3.4		<a href="#">099A0520</a>
	Zinc die-cast	9.3	15.7	12.5	Including T-slot nut and screw	M6	30	6	100	9.5		<a href="#">099A0630</a>
	Zinc die-cast	11.5	19.7	11.0		M6	30	8	100	13.0		<a href="#">099A0830</a>
	Zinc die-cast	9.3	15.7	12.5			30	8	100	9.0		<a href="#">099A0830S01</a>
	Zinc die-cast	13.7	19.7	16.0		M8	40	8	100	19.5		<a href="#">099A0840</a>
Plain	Stainless steel	13.7	19.7	16.0		M8	40	8	100	23.8		<a href="#">099A0840E</a>
Zinc plated	Zinc die-cast	5.4	11.8	8.5	With assembly set 1		20	5	10	7.3	I	<a href="#">099A0520S01</a>
	Zinc die-cast	9.3	15.7	12.5	With assembly set 2		30	6	10	18.8	I	<a href="#">099A0630S01</a>
	Zinc die-cast	13.7	19.7	16.0	With assembly set 3		40	8	10	41.9	I	<a href="#">099A0840S01</a>
Plain	Stainless steel	13.7	19.7	16.0	With assembly set 4		40	8	10	44.5	I	<a href="#">099A0840ES01</a>

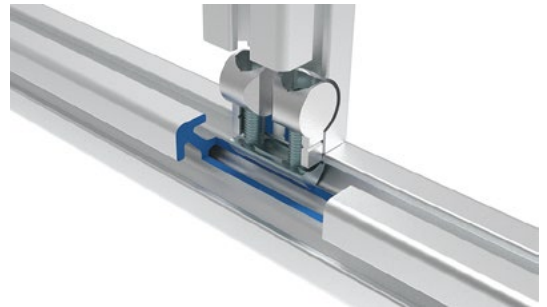
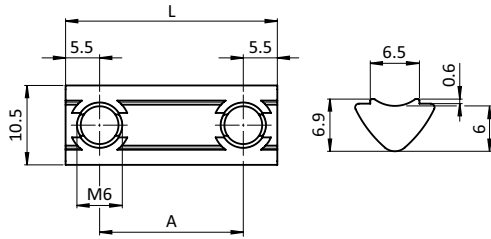


UNIVERSAL CONNECTOR I



**ROLL-IN DOUBLE T-SLOT NUT FOR UNIVERSAL CONNECTOR I, SLOT 6**

<b>MODEL</b>	Slot 6, Steel
<b>DESCRIPTION</b>	Roll-in double T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request



A [mm]	L [mm]	Size	Weight [g]	Profile	Part #
17.0	28.0	M6	7.9	I	<a href="#">096556D28</a>
47.0	58.0	M6	18.4	I	<a href="#">096556D58</a>

**ROLL-IN DOUBLE T-SLOT NUT FOR UNIVERSAL CONNECTOR I, SLOT 8**

<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	Roll-in double T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request

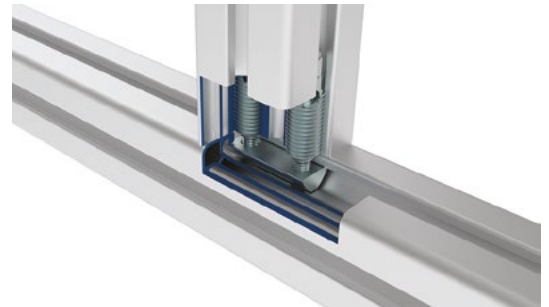
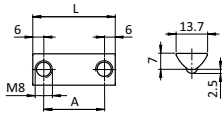
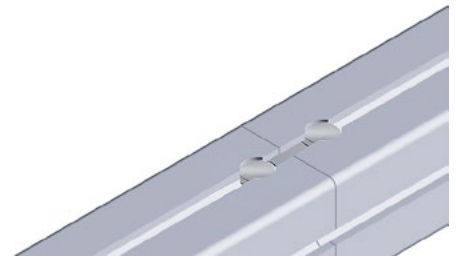
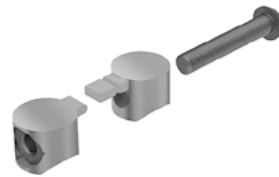
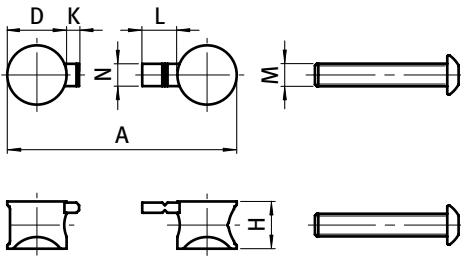


Fig.	Version	A [mm]	L [mm]	Size	Weight [g]	Profile	Part #
②		64.0	76.0	M8	36.0	I	<a href="#">096008D76</a>
①	With spring loaded ball	24.0	36.0	M8	14.0	I	<a href="#">096008D36S03</a>

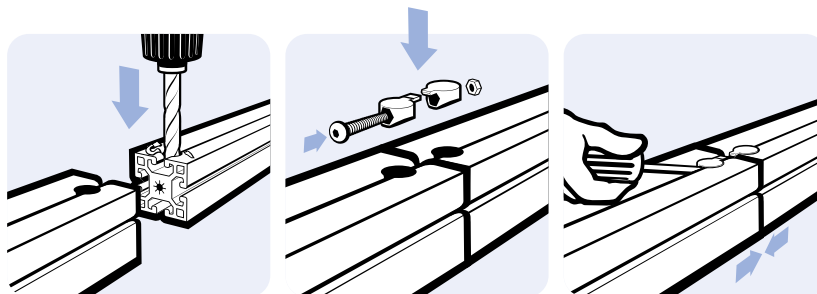
**UNIVERSAL BUTT CONNECTOR I**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles Of the same type; assembly set included
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	* Without nut, thread integrated



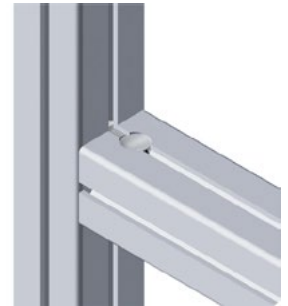
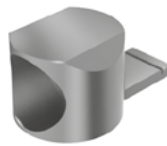
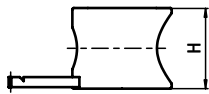
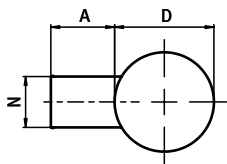
A [mm]	D [mm]	H [mm]	L [mm]	Screw	K [mm]	N	Weight [g]	Tip	Part #
32.0	11.8	8.5	5.4	M4		5	9.8		<a href="#">099A0520S02</a>
46.0	15.7	12.5	9.3	M6	3.3	6	28.2		<a href="#">099A0630S03</a>
60.0	19.7	16.0	9.0	M8		8	60.5	*	<a href="#">099A0840S02</a>

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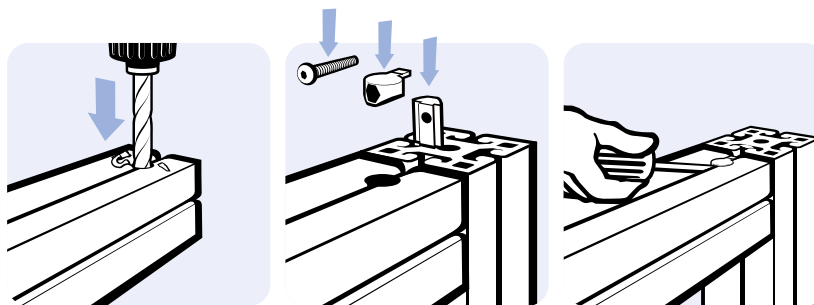


**UNIVERSAL CONNECTOR B**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Universal *
<b>SURFACE</b>	Universal connector: Plain Assembly set: Zinc plated
<b>ASSEMBLY SET</b>	1 screw DIN EN ISO 4762 (DIN 912) -M8 x 30, 1 T-slot nut, slot 10, with spring leaf
<b>PACK QUANTITY</b>	100 pieces / 10 sets

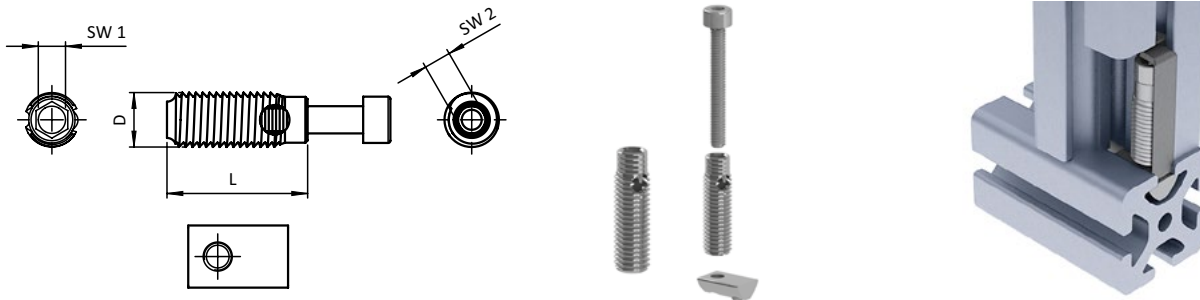


A [mm]	D [mm]	H [mm]	Assembly Set	for Screw	N	Pack Quantity [Pieces]	Weight [g]	Profile	Part #
13.8	19.7	16.0		M8	10	100	18.6		<b>099A1045</b>
	19.7		incl. assembly set			10	43.8	B	<b>099A1045S03</b>

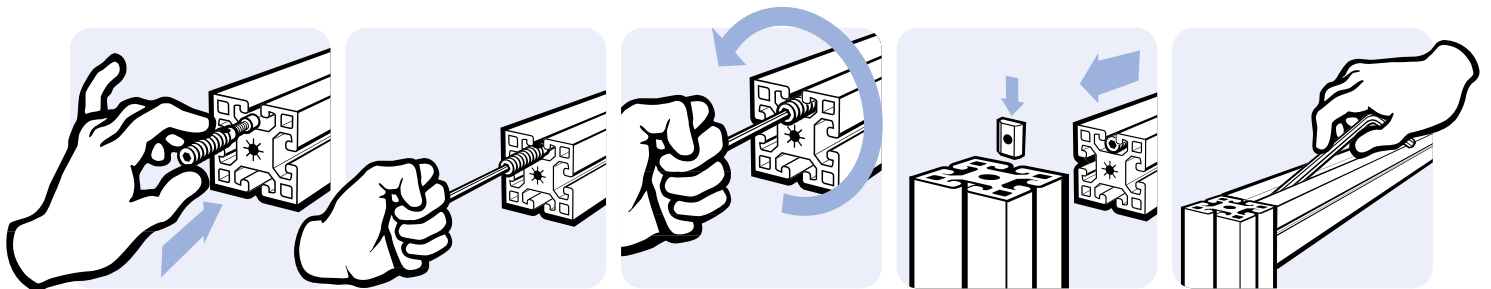


**AUTOMATIC CONNECTOR STEEL**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To connect two aluminum profiles fast and solid, assembly without machining; self-cutting thread
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 / 100 pieces
<b>TIP</b>	* Compatible Cover Cap see 099GA081K
<b>TIP 2</b>	** Automatic connector with assembly set for profil B incl. hammer nut instead of T-slot nut



Version	D [mm]	L [mm]	Slot	Profile Width	Screw	Pack Quantity [Pieces]	SW 1	SW 2	Weight [g]	Profile	Tip	Part #
Cutting sleeve	7.0	24.0	5	20		100		4	2.5	I		099GS051
	10.0	27.0	6	30		100		5	7.5	I		099GS061
	10.7	24.0	8	30		100		5	7.5	B		099GS084
	12.0	31.0	8	40		100		6	13.0	I	*	099GS081
	14.4	35.0	8	45		100		6	25.3			099GS086
	12.0	35.0	10	40, 45		100		6	15.5	B		099GS102
	13.0	35.0	10	45		100		6	17.0	B		099GS103
	18.0	47.0	12	60		10		8	51.0	I		099GS121
With assembly set, incl. screw and T-slot nut **	7.0	24.0	5	20	M4 x 30	100	3	4	8.0	I		099G051
	10.0	27.0	6	30	M5 x 35	100	4	5	18.0	I		099G061
	10.7	24.0	8	30	M5 x 30	100	4	5	16.5	B		099G084
	12.0	31.0	8	40	M6 x 40	100	5	6	33.0	I	*	099G081
	14.4	35.0	8	45	M6 x 45	100	5		41.8			099G086
	12.0	35.0	10	40, 45	M6 x 45	100	5	6	33.5	B		099G102
	13.0	35.0	10	45	M6 x 45	100	5	6	35.0	B		099G103
	18.0	47.0	12	60	M8 x 60	10	6	8	150.0	I		099G121

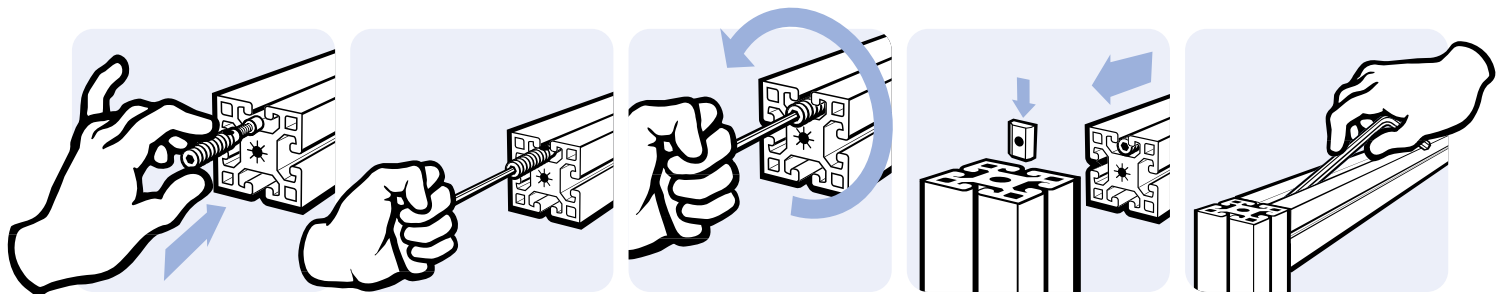


**AUTOMATIC CONNECTOR STAINLESS STEEL**

<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	To connect two aluminum profiles fast and solid, assembly without machining; self-cutting thread
<b>MATERIAL</b>	Stainless steel
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	100 pieces
<b>TIP</b>	* Compatible Cover Cap see 099GA081K



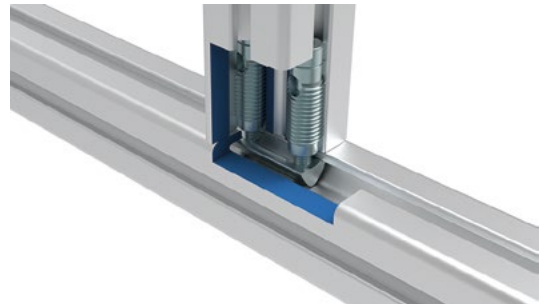
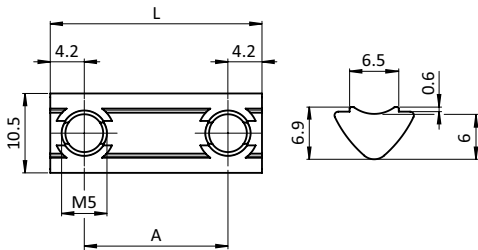
Version	D [mm]	L [mm]	Slot	Profile Width	Screw	SW 1	SW 2	Weight [g]	Profile	Tip	Part #
Cutting sleeve	7.0	24.0	5	20			4	2.7	I		099GS051E
	10.0	27.0	6	30			5	7.4	I		099GS061E
	12.0	31.0	8	40			6	13.0	I	*	099GS081E
With assembly set, incl. screw and T-slot nut	7.0	24.0	5	20	M4 x 30	3	4	8.0	I		099G051E
	10.0	27.0	6	30	M5 x 35	4	5	18.0	I		099G061E
	12.0	31.0	8	40	M6 x 40	5	6	33.0	I	*	099G081E





**ROLL-IN DOUBLE T-SLOT NUT FOR AUTOMATIC CONNECTOR I, SLOT 6**

<b>MODEL</b>	Slot 6, Steel
<b>DESCRIPTION</b>	Roll-in double T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request



A [mm]	L [mm]	Size	Weight [g]	Profile	Part #
19.6	28.0	M5	8.5	I	<a href="#">096555D28</a>
49.0	58.0	M5	19.0	I	<a href="#">096555D58</a>

**ROLL-IN DOUBLE T-SLOT NUT FOR AUTOMATIC CONNECTOR I, SLOT 8**

<b>MODEL</b>	Slot 8, steel
<b>DESCRIPTION</b>	Roll-in double T-slot nut
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Different lengths with multiple threads in different sizes available on request

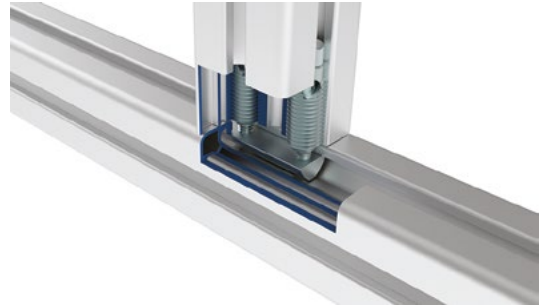
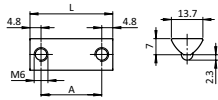


Fig.	Version	A [mm]	L [mm]	Size	Weight [g]	Profile	Part #
②		66.4	76.0	M6	38.0	I	<a href="#">096006D76</a>
①	With spring loaded ball	26.4	36.0	M6	16.0	I	<a href="#">096006D36S01</a>

**AUTOMATIC DOUBLE CONNECTOR I, SLOT 8 (SET)**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To connect two aluminum profiles fast and solid, assembly without machining; self-cutting thread
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>TIP</b>	Compatible Cover Cap see 099GA081K



	ESD	A [mm]	D [mm]	L [mm]	Slot	Profile Width	Screw	SW 1	SW 2	Weight [g]	Profile	Part #
		26.4	12.0	31.0	8	40	M6 x 40	6	5	65.0	I	<a href="#">099G081D40</a>
		66.4	12.0	31.0	8	80	M6 x 40	6	5	89.0	I	<a href="#">099G081D80</a>
ESD electro-statical discharging		26.4	12.0	31.0	8	40	M6 x 40	6	5	65.0	I	<a href="#">099G081D40ESD</a>
		66.4	12.0	31.0	8	80	M6 x 40	6	5	89.0	I	<a href="#">099G081D80ESD</a>

**AUTOMATIC BUTT CONNECTOR STEEL**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To face-to face connect two aluminum profiles fast, assembly without machining; self-cutting thread
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 / 100 pieces
<b>TIP</b>	* Compatible Cover Cap see 099GA081K



Version	ESD	D [mm]	L [mm]	Slot	Profile Width	Screw	Modular Dimension [mm]	Pack Quantity [Pieces]	SW 1	SW 2	Weight [g]	Profile	Tip	Part #
Threaded cutting sleeve	ESD electrostatical discharging	7.0	24.0	5	20		20	100		4	2.7	I		099GS051M4
	ESD electrostatical discharging	10.0	27.0	6	30		30	100		5	7.4	I		099GS061M5
	ESD electrostatical discharging	10.7	24.0	8	30		30	100		5	8.0	B		099GS084M5
	ESD electrostatical discharging	12.0	31.0	8	40		40	100		6	13.0	I	*	099GS081M6
	ESD electrostatical discharging	12.0	35.0	10	40, 45		40L, 45	100		6	17.0	B		099GS102M6
	ESD electrostatical discharging	13.0	35.0	10	45		45L	100		6	18.5	B		099GS103M6
With assembly set, incl. screw and threaded cutting sleeve	ESD electrostatical discharging	7.0	24.0	5	20	M4 x 40	20	10	3	4	10.0	I		099G051M4
	ESD electrostatical discharging	10.0	27.0	6	30	M5 x 45	30	10	4	5	24.0	I		099G061M5
	ESD electrostatical discharging	10.7	24.0	8	30	M5 x 45	30	10	4	5	23.6	B		099G084M5
	ESD electrostatical discharging	12.0	31.0	8	40	M6 x 50	40	10	5	6	43.0	I	*	099G081M6
	ESD electrostatical discharging	12.0	35.0	10	40, 45	M6 x 60	40L, 45	10	5	6	49.0	B		099G102M6
	ESD electrostatical discharging	13.0	35.0	10	45	M6 x 60	45L	10	5	6	56.0	B		099G103M6

**AUTOMATIC BUTT CONNECTOR STAINLESS STEEL**

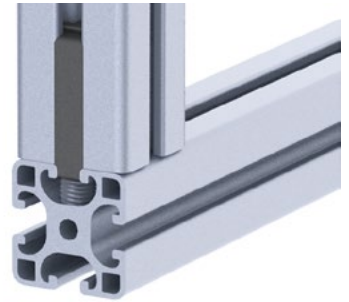
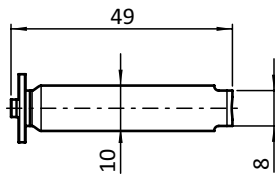
<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	To face-to-face connect two aluminum profiles fast, assembly without machining; self-cutting thread
<b>MATERIAL</b>	Stainless steel
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	100 pieces
<b>TIP</b>	* Compatible Cover Cap see 099GA081K



Version	ESD	D [mm]	L [mm]	Slot	Profile Width	Screw	SW 1	SW 2	Weight [g]	Profile	Tip	Part #
Threaded cutting sleeve	ESD electrostatical discharging	10.0	27.0	6	30			5	7.4	I		099GS061M5E
	ESD electrostatical discharging	12.0	31.0	8	40			6	13.0	I	*	099GS081M6E
With assembly set, incl. screw and threaded cutting sleeve	ESD electrostatical discharging	10.0	27.0	6	30	M5 x 45	4	5	24.0	I		099G061M5E
	ESD electrostatical discharging	12.0	31.0	8	40	M6 x 50	5	6	43.0	I	*	099G081M6E

**COVER CAP FOR AUTOMATIC CONNECTOR I, SLOT 8**

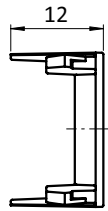
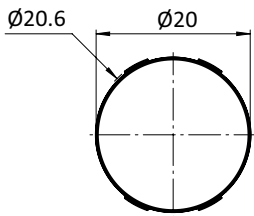
<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To cover the 31 mm-sleeve Automatic Connector within a slot 8
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces



	Weight [g]	Profile	Part #
	1.0	I	<a href="#">099GA081K</a>

**COVER CAP D20 FOR AUTOMATIC CONNECTOR I, SLOT 8 N**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To cover the automatic connector within a closed slot 8
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	100 pieces



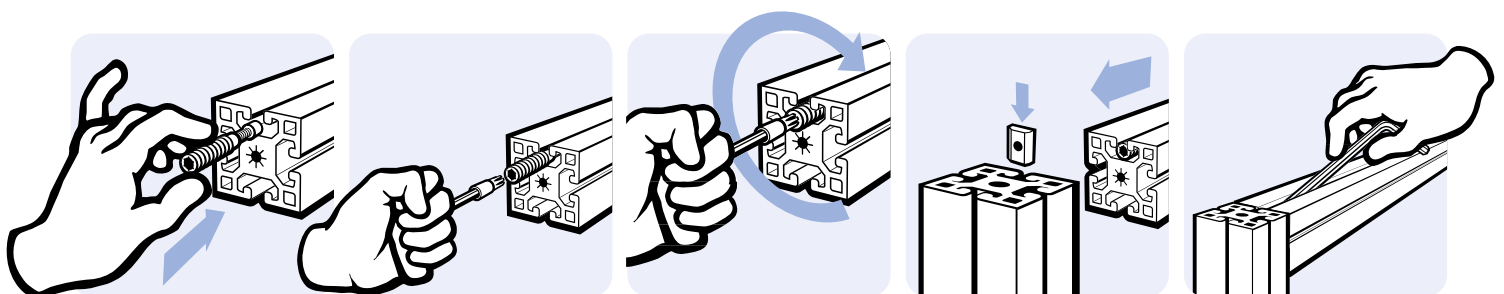
	Weight [g]	Part #
	1.0	099GA085K

T-MATIC CONNECTOR STEEL

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To connect two aluminum profiles fast and solid, assembly without machining; self-forming thread, without chipping
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>TIP</b>	* Version with lover screw-in resistance ** Compatible Cover Plate see 099HA081E



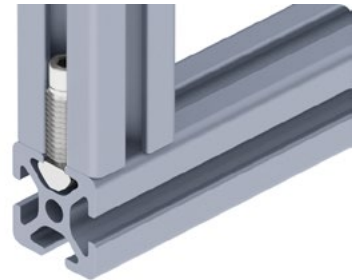
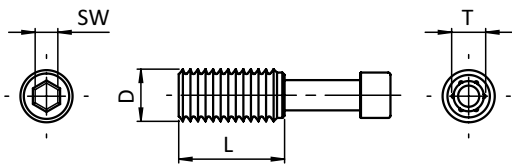
Version	ESD	D [mm]	L [mm]	Slot	Profile Width	SW	Screw	Modular Dimension [mm]	T	Weight [g]	Profile	Tip	Part #
Without T-slot nut		10.0	20.0	6	30	5	M6 x 29	30	T40	11.0	I		099H061
		11.5	24.0	8	30	5	M6 x 34	30	T45	15.5	B		099H083
		11.7	24.0	8	40	6	M8 x 35	40	T50	21.0	I	*	099H081
		11.4	24.0	8	40	6	M8 x 35	40	T50	20.3	I	** **	099H081L
		12.0	32.0	8	40	6	M8 x 43	40	T50	27.0	I		099H082
		14.0	24.0	8	45	6	M8 x 37	45	T50	31.5			099H084
		12.0	24.0	10	40L, 45	6	M8 x 37	40L, 45		21.0	B		099H102
With T-slot nut		13.0	24.0	10	45L	6	M8 x 37	45L		26.0	B		099H101
		7.0	14.0	5	20	3	M4 x 20	20	T25	6.0	I		099H052
		10.0	20.0	6	30	5	M6 x 29	30	T40	16.0	I		099H062
		11.5	24.0	8	30	5	M6 x 34	30		20.0	B		099H087
		11.7	24.0	8	40	6	M8 x 35	40	T50	30.0	I	*	099H085
		11.4	24.0	8	40	6	M8 x 35	40		29.0	I	** **	099H085L
		12.0	32.0	8	40	6	M8 x 43	40		36.0	I		099H086
		12.0	24.0	10	40L, 45	6	M8 x 37	40L, 45		32.0	B		099H104
		13.0	24.0	10	45L	6	M8 x 37	45L		37.0	B		099H103
	ESD electrostatical discharging	12.0	24.0	8	40	6	M8 x 35	40		30.0	I	*	099H085ESD
ESD electrostatical discharging	12.0	24.0	10	40L, 45	6	M8 x 37	40L, 45		32.0	B		099H104ESD	



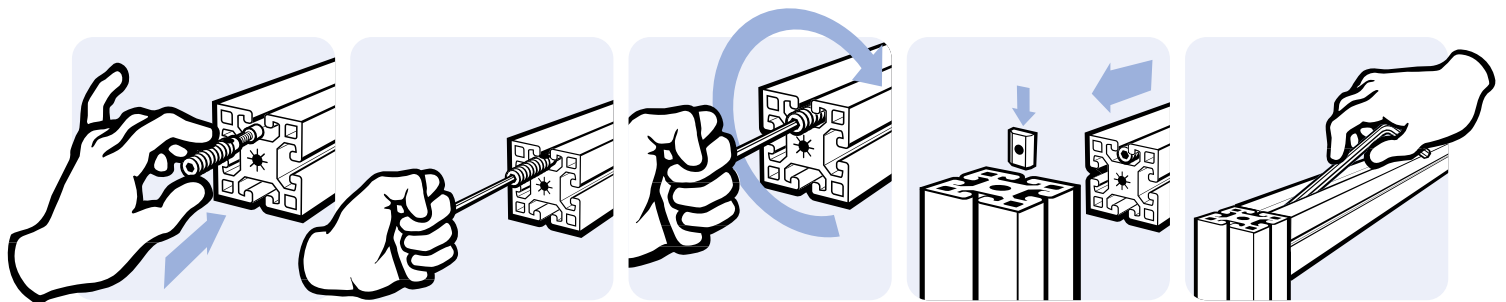


T-MATIC CONNECTOR | STAINLESS STEEL, SLOT 8

<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	To connect two aluminum profiles fast and solid, assembly without machining; self-forming thread, without chipping
<b>MATERIAL</b>	Stainless steel
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	100 pieces
<b>TIP</b>	* Compatible Cover Plate see 099HA081E



Version	ESD	D [mm]	L [mm]	Slot	Profile Width	SW	Screw	T	Weight [g]	Profile	Tip	Part #
With T-slot nut		12.0	24.0	8	40	6	M8 x 35	T50	30.0	I	*	099H085E



**T-MATIC DOUBLE CONNECTOR STEEL**

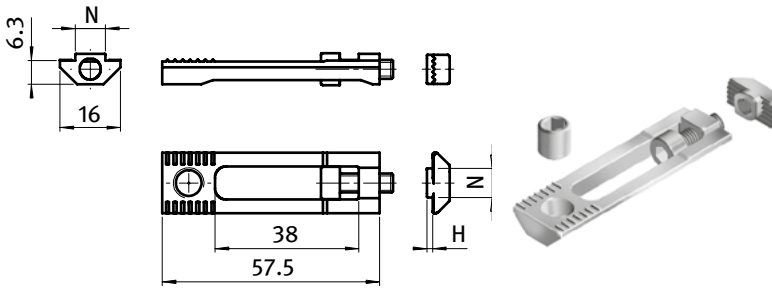
<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To connect two aluminum profiles fast and solid, assembly without machining; self-forming thread, without chipping
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>TIP</b>	* Compatible Cover Plate see 099HA081E



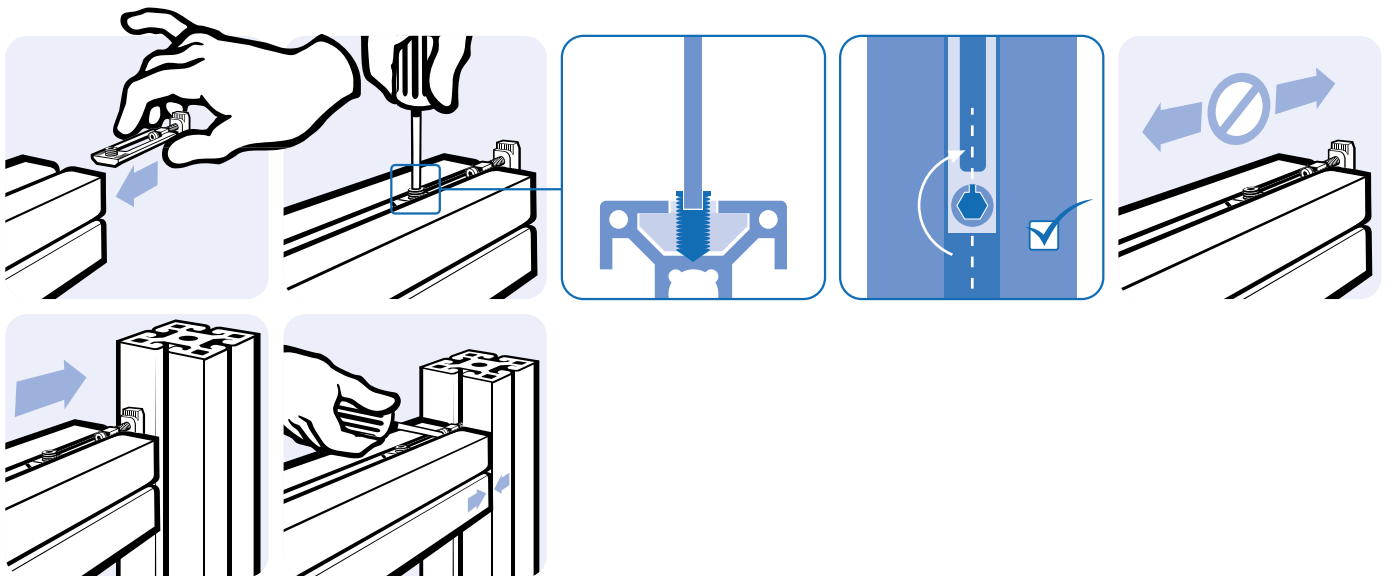
A [mm]	D [mm]	L [mm]	Slot	Profile Width	SW	Screw	T	Weight [g]	Profile	Tip	Part #
13.5	7.0	24.0	5	20	3	M4 x 30	T25	16.0	I		<a href="#">099H054D20</a>
20.0	11.5	24.0	8	30	5	M6 x 34	T45	44.0	B		<a href="#">099H087D30</a>
50.0	11.5	24.0	8	60	5	M6 x 34	T45	60.4	B		<a href="#">099H087D60</a>
25.4	12.0	24.0	8	40	6	M8 x 35	T50	58.0	I	*	<a href="#">099H085D40</a>
65.4	12.0	24.0	8	80	6	M8 x 35	T50	80.5	I	*	<a href="#">099H085D80</a>

**MILLING CONNECTOR B, SLOT 8 (SET)**

<b>MODEL</b>	Steel, slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles fast and solid; assembly without machining
<b>MATERIAL</b>	Steel
<b>SET</b>	1 milling connector, 1 screw DIN EN ISO 4762 (DIN 912) - M5 x 14, 1 hammer nut
<b>PACK QUANTITY</b>	10 sets

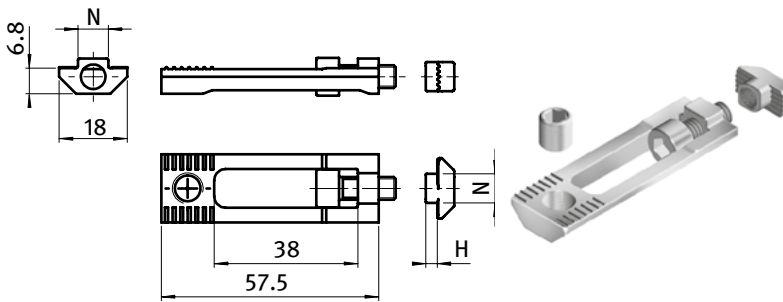


H [mm]	N	Weight [g]	Profile	Part #
1.5	8	31.7	B	099D0830M0515

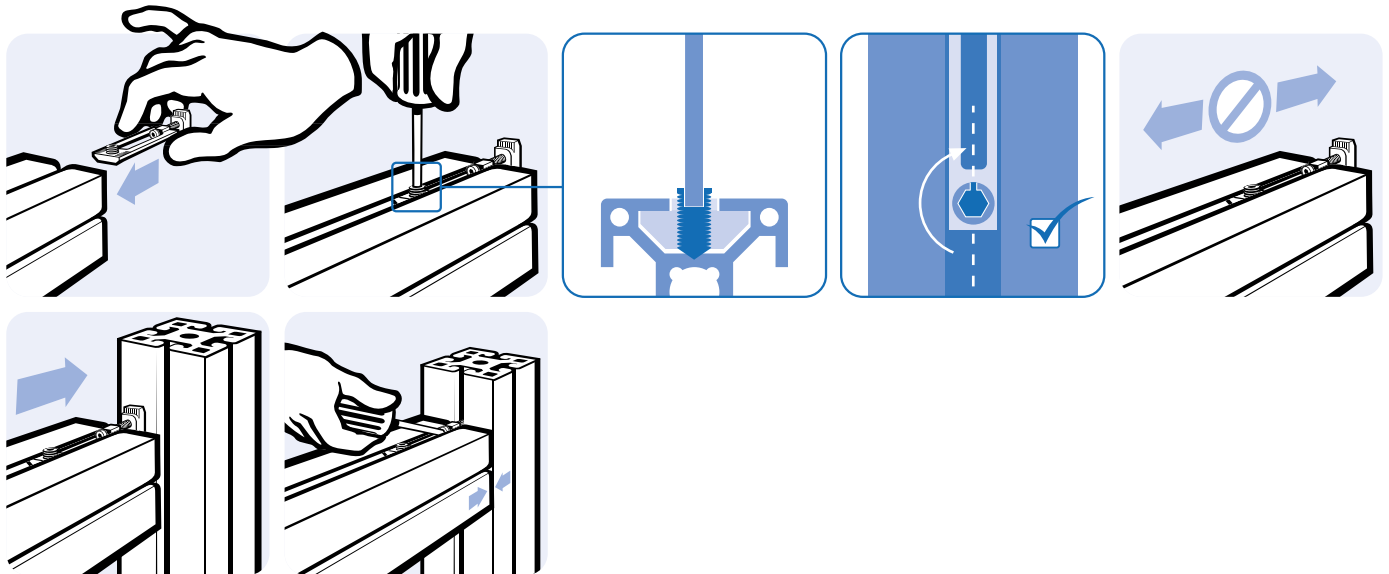


**MILLING CONNECTOR I, SLOT 8 (SET)**

<b>MODEL</b>	Steel, slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles fast and solid; assembly without machining
<b>MATERIAL</b>	Steel
<b>SET</b>	1 milling connector, 1 screw DIN EN ISO 4762 (DIN 912) - M5 x 18, 1 hammer nut
<b>PACK QUANTITY</b>	10 sets

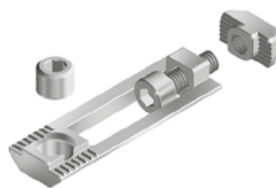
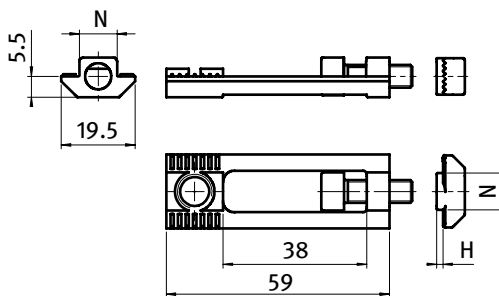


H [mm]	N	Weight [g]	Profile	Part #
3.0	8	37.3	I	099D0840M0530



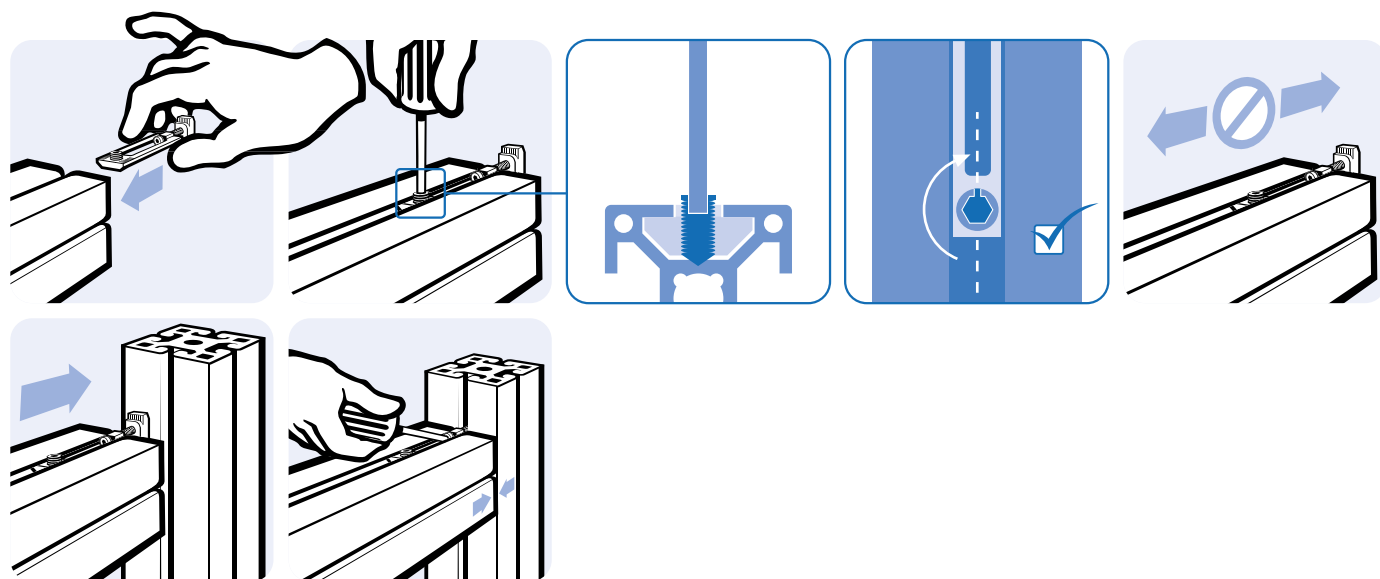
**MILLING CONNECTOR, SLOT 10 (SET)**

<b>MODEL</b>	Steel, slot 10
<b>DESCRIPTION</b>	To connect two aluminum profiles fast and solid; assembly without machining
<b>MATERIAL</b>	Steel
<b>SET</b>	1 milling connector, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 18, 1 hammer nut
<b>PACK QUANTITY</b>	10 sets



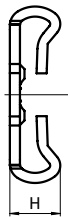
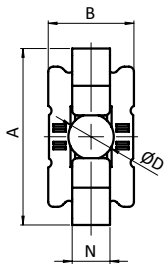
H [mm]	N	Weight [g]	Profile	Part #
1.5	10	38.0		099D1045M0617
3.0	10	38.1	B	099D1045M0630

4

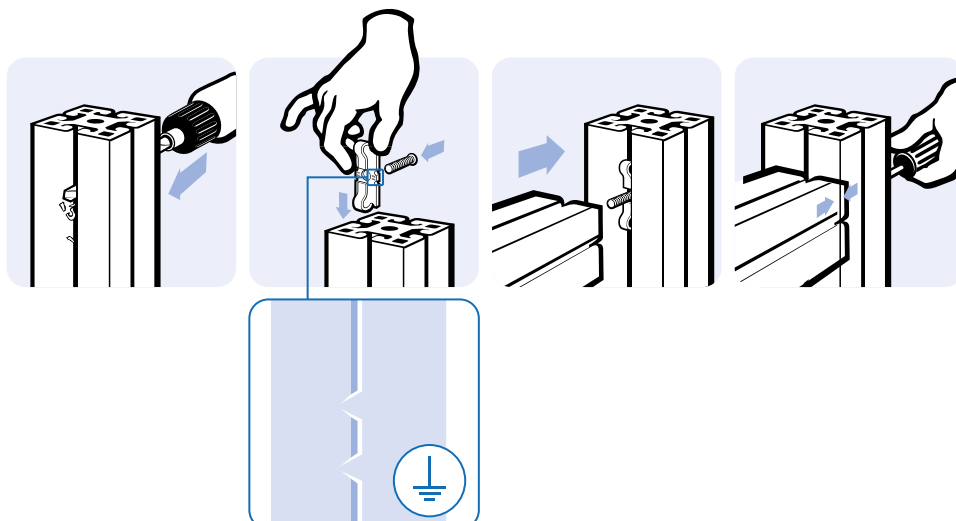


SCREW CONNECTOR I

<b>MODEL</b>	Slot 5, 6, 8, 12
<b>DESCRIPTION</b>	To connect two aluminum profiles; penetrates the anodized coat of the profile - thus ensuring a safe, ESD electrostatical discharging connection
<b>MATERIAL</b>	Steel / stainless steel
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	100 pieces

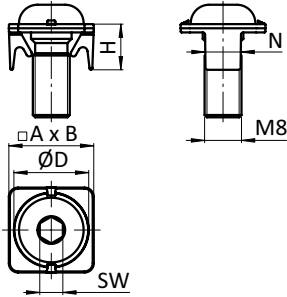


Version	ESD	D [mm]	H [mm]	A x B [mm]	N	Weight [g]	Profile	Part #
Turn-lock, zinc-plated steel	ESD electrostatical discharging	5.5	4.4	19.0 x 10.0	5	1.8		092038
	ESD electrostatical discharging	6.5	7.3	27.5 x 13.0	6	5.4		092039
	ESD electrostatical discharging	9.0	10.0	35.0 x 17.0	8	10.6		092040
	ESD electrostatical discharging	13.0	10.0	55.0 x 26.0	12	37.0		092040N12
Turn-lock, stainless steel	ESD electrostatical discharging	9.0	10.0	<sup>a</sup> 35.0 x 17.0	8	10.6		092040E
Zinc-plated steel, with pan-head screw	ESD electrostatical discharging	5.5	4.4	19.0 x 10.0	5	5.0		099F0520M05
	ESD electrostatical discharging	6.5	7.3	27.5 x 13.0	6	9.0		099F0630M06
	ESD electrostatical discharging	9.0	10.0	35.0 x 17.0	8	20.7		099F0840M08
Stainless steel, with pan-head screw	ESD electrostatical discharging	9.0	10.0	<sup>a</sup> 35.0 x 17.0	8	20.7		099F0840M08E
Zinc plated steel, with self forming screw S7 x 20	ESD electrostatical discharging	9.0	10.0	35.0 x 17.0	8	21.0	I	099F0840S07



**SCREW CONNECTOR I PA (SET)**

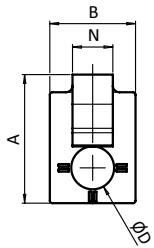
<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Plastic PA
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces



D [mm]	H [mm]	A x B [mm]	N	Weight [g]	Profile	Part #
11.8	9.9	18.4 x 18.4	8	2.8	I	099F0840KM08

**SCREW CONNECTOR I, SINGLE SIDE**

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles; penetrates the anodized coat of the profile - thus ensuring a safe, ESD electrostatic discharging connection; free slot for the mounting of panels on one side
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces

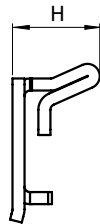
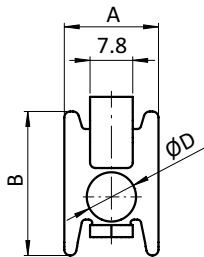


Version	ESD	D [mm]	H [mm]	A x B [mm]	N	Weight [g]	Profile	Part #
Turn-lock	ESD electrostatic discharging	8.5	10.2	25.5 x 17.0	8	8.6		<a href="#">092140</a>
With pan-head screw M8 x 20	ESD electrostatic discharging	8.5	10.2	25.5 x 17.0	8	20.0		<a href="#">099F0840SM08</a>
With self-forming screw S7 x 20	ESD electrostatic discharging	8.5	10.2	25.5 x 17.0	8	20.0	I	<a href="#">099F0840SS07</a>



SCREW CONNECTOR | SPECIAL, SINGLE SIDE

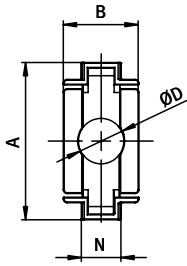
<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles; penetrates the anodized coat of the profile - thus ensuring a safe, ESD electrostatical discharging connection
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces



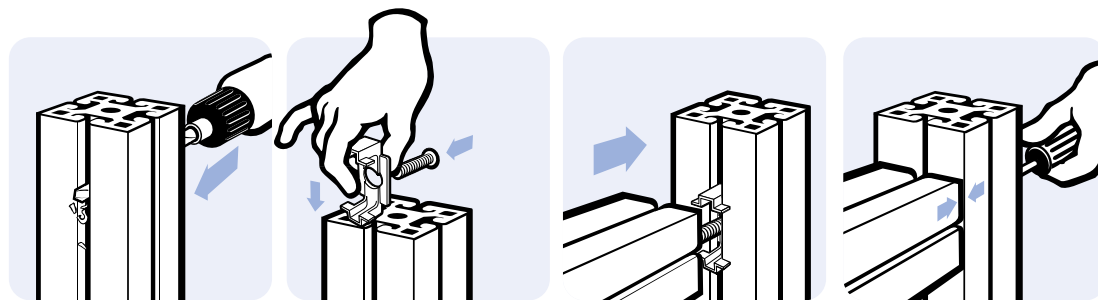
Version	ESD	H [mm]	ØD [mm]	A x B [mm]	Weight [g]	Profile	Part #
Turn-lock	ESD	16.0	9	17.0 x 26.5	10.0		092143
With pan-head screw M8 x 20	ESD	16.0	9	17.0 x 26.5	19.5	I	099F0840SM08S01

**SCREW CONNECTOR B, SLOT 10**

<b>MODEL</b>	Slot 10
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces

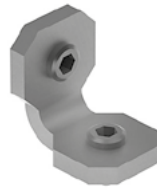
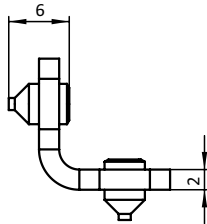
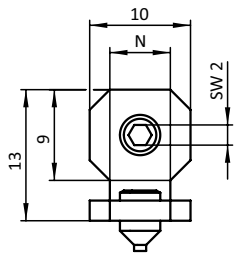


Version	D [mm]	H [mm]	Screw	A x B [mm]	N	Weight [g]	Profile	Part #
	12.0	15.8	M12 x 40	41.6 x 20.0	10	16.0		<b>092092</b>
With self forming screw	12.0	15.8	M12 x 40	41.6 x 20.0	10	47.0	B	<b>099F1045S13</b>
With Torx screw	12.0	15.8	M12 x 30	41.6 x 20.0	10	42.0		<b>099F1045S11</b>



**INNER CONNECTOR, SLOT 6 (SET)**

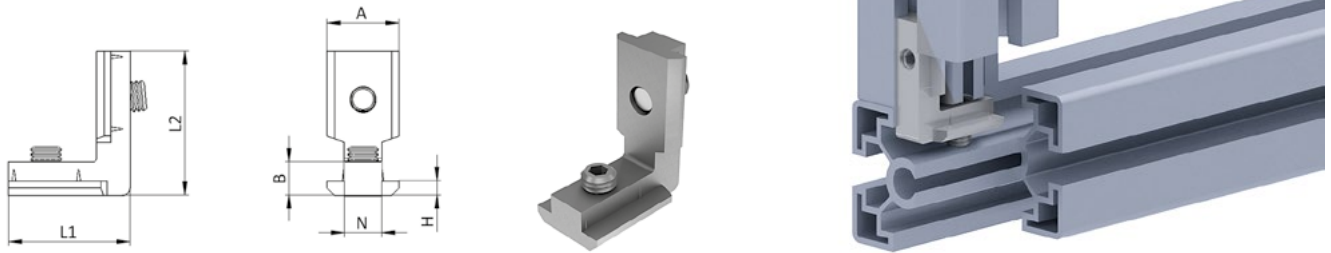
<b>MODEL</b>	Stainless steel
<b>DESCRIPTION</b>	To connect two aluminum profiles; assembly without machining, can also be used as inner connector R slot 6
<b>MATERIAL</b>	Stainless steel
<b>SET</b>	1 inner connector 2 screws DIN 915 - M4 x 6
<b>PACK QUANTITY</b>	100 set



Hexagon socket set screw	N	Weight [g]	Profile	Part #
M4	6	3.0	B	09919006

**INNER CONNECTOR, SLOT 8 + 10**

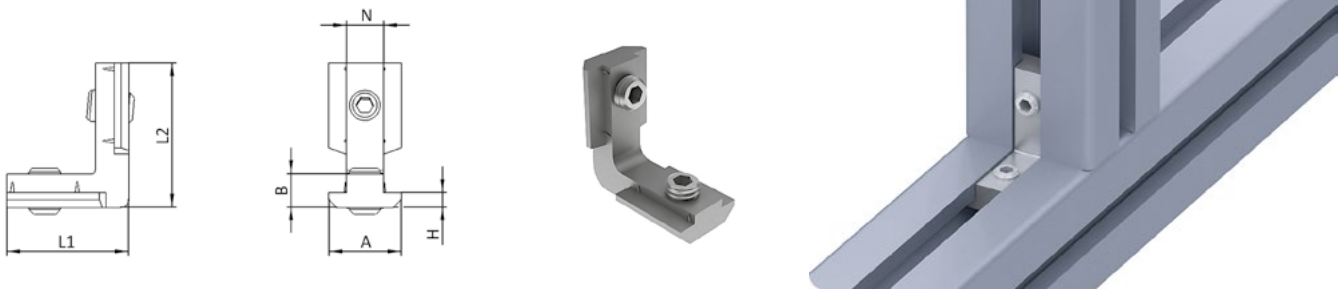
<b>MODEL</b>	Cast steel / zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles, assembly without machining
<b>MATERIAL</b>	Inner Connector ST version: Zinc-plated cast steel Inner Connector ZN version: Zinc-plated zinc die-cast Hexagon socket set screws: Zinc-plated steel
<b>PACK QUANTITY</b>	10 pieces



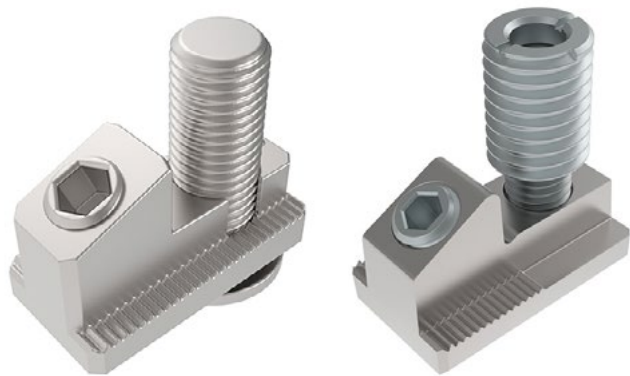
Version	A [mm]	B [mm]	H [mm]	Hexagon socket set screw	L1 [mm]	L2 [mm]	N [mm]	Weight [g]	Profile	Part #
ST cast steel	15.8	7.8	6.0	M6	21.6	30.0	8	27.0	B	<a href="#">09919008M</a>
	19.0	8.8	3.8	M8	32.0	38.0	10	51.0	B	<a href="#">09919010M</a>
ZN zinc die-cast	15.8	7.8	6.0	M6	21.6	30.0	8	24.0	B	<a href="#">09919008</a>
	19.0	8.8	3.8	M8	32.0	38.0	10	44.0	B	<a href="#">09919010</a>

**INNER CONNECTOR R**

<b>MODEL</b>	Cast steel / zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles, assembly without machining
<b>MATERIAL</b>	Inner Connector ST version: Zinc-plated cast steel Inner Connector ZN version: Zinc-plated zinc die-cast Hexagon socket set screws: Zinc-plated steel
<b>PACK QUANTITY</b>	10 pieces



Version	A [mm]	B [mm]	H [mm]	Hexagon socket set screw	L1 [mm]	L2 [mm]	N [mm]	Weight [g]	Profile	Part #
ST cast steel	11.3	4.5	3.0	M5	21.6	21.6	6	9.8	B	<a href="#">099190R06M</a>
	15.8	7.8	6.0	M6	21.6	30.0	8	27.0	B	<a href="#">099190R08M</a>
	19.0	8.8	3.8	M8	32.0	38.0	10	51.0	B	<a href="#">099190R10M</a>
ZN zinc die-cast	11.3	4.5	3.0	M5	21.6	21.6	6	8.0	B	<a href="#">099190R06</a>
	15.8	7.8	6.0	M6	21.6	30.0	8	24.0	B	<a href="#">099190R08</a>
	19.0	8.8	3.8	M8	32.0	38.0	10	45.0	B	<a href="#">099190R10</a>



## PROFILE CONNECTORS 90°

Connect aluminium profiles at right angles – quickly and easily with the FATH Profile Connectors 90°



- Can be done without having to machine the profiles
- Available with self-forming screw
- Easy to remount
- Profile structure has a free interior area
- Anti-rotation protection included
- ESD electrostatically discharging

### HIGHLIGHTS

It couldn't be simpler!

Fasten the profile connector 90° to the profile, mount the second profile, tighten and done! The aluminum profiles are now connected at a 90° angle by the durable steel profile – stable and secure. With the self-forming version, the profile connector can be mounted without prior processing to the profile. It is ideally suited to light to medium-sized connections as well as profile designs with panel material. Profiles can be connected with slot 8 or slot 10 – with the slot 10 profile connector, the necessary M12 or S12 reducing bushes for screwing into the core hole are included.

A clever detail protects the profile connection from twisting. The long side of the steel body is equipped with teeth which dig into the profile surface when the profile connector is tightened, thus preventing

twisting or slipping. In addition, the anodized layer is broken up, resulting in a safe, electrostatic discharge (ESD). The interior area can be designed flexibly, since the inner slot of the profile construction remains free. Any panel material, such as acrylic glass etc., can easily be inserted and a wide variety of enclosures can be constructed with ease.

MINIMAL  
PROCESSING  
EFFORT



### The added convenience for installation: Easily accessible in the corner

The Profile Connector 90° is made up of a steel body, screw, pre-assembled set screw and, for the slot 10 version, an additional reducing bush. The assembly screw is easily screwed into the core hole in the profile in order to fasten the profile connector. It is then inserted into the profile slot of the second profile. After that, it is put under tension by tightening the set screw with an hexagon socket wrench so that it presses against the head of the mounting screw until the profile connector is firmly seated in the profile.

The set screw of the profile connector runs diagonally to the profile, making it easily accessible through the free area. It can be loosened with a few turns at any time to move the profile or dismantle the connection. Installation and removal of the right-angled profile structure are completed in seconds and the Profile Connector 90° can be reused.

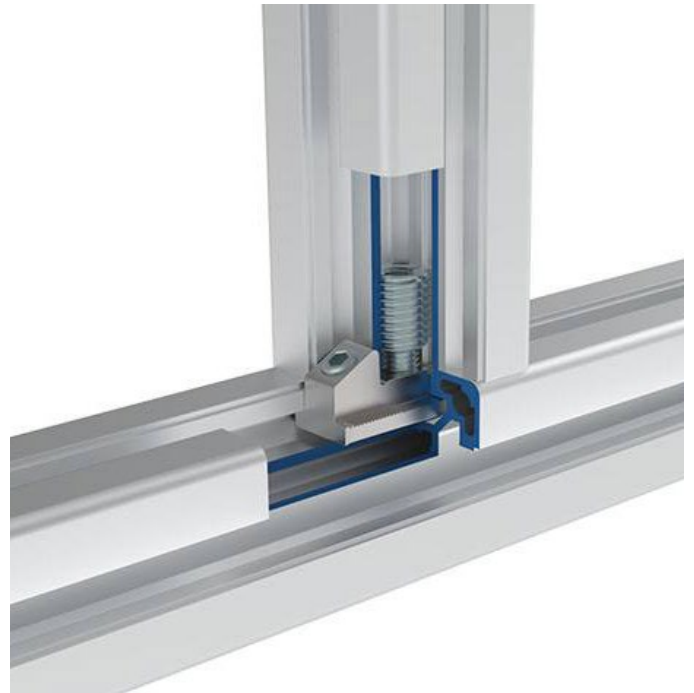
# CLEVER COMPONENTS FOR STRONG CONNECTIONS

## ESD electrostatically discharging and anti-rotation protection included

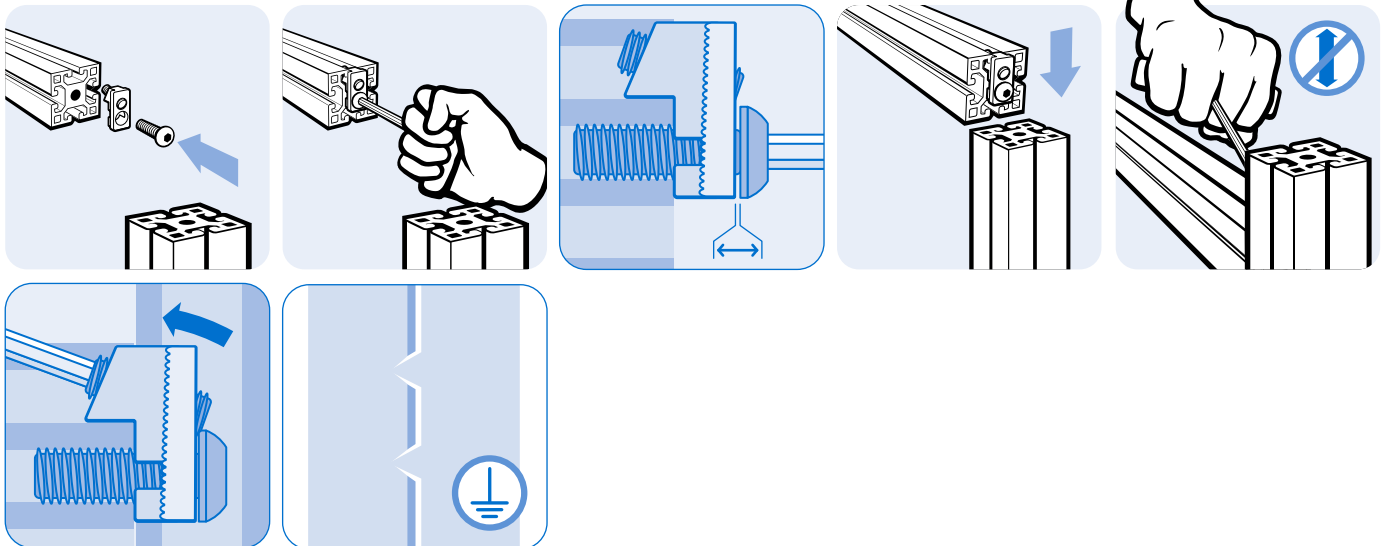
A clever detail protects the profile connection from twisting. The long side of the steel body is equipped with teeth which dig into the profile surface when the profile connector is tightened, thus preventing twisting or slipping. In addition, the anodized layer is broken up, resulting in a safe, electrostatic discharge (ESD).

## Free interior – free design

The interior area can be designed flexibly, since the inner slot of the profile construction remains free. Any panel material, such as acrylic glass etc., can easily be inserted and a wide variety of enclosures can be constructed with ease.



4

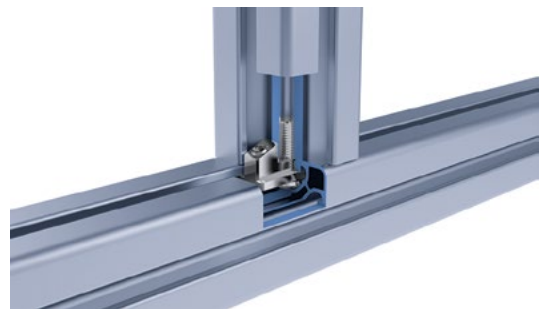
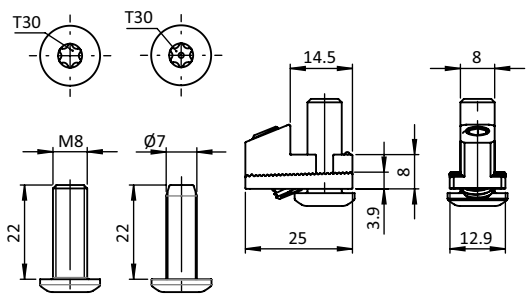


Get to know it  
better now!

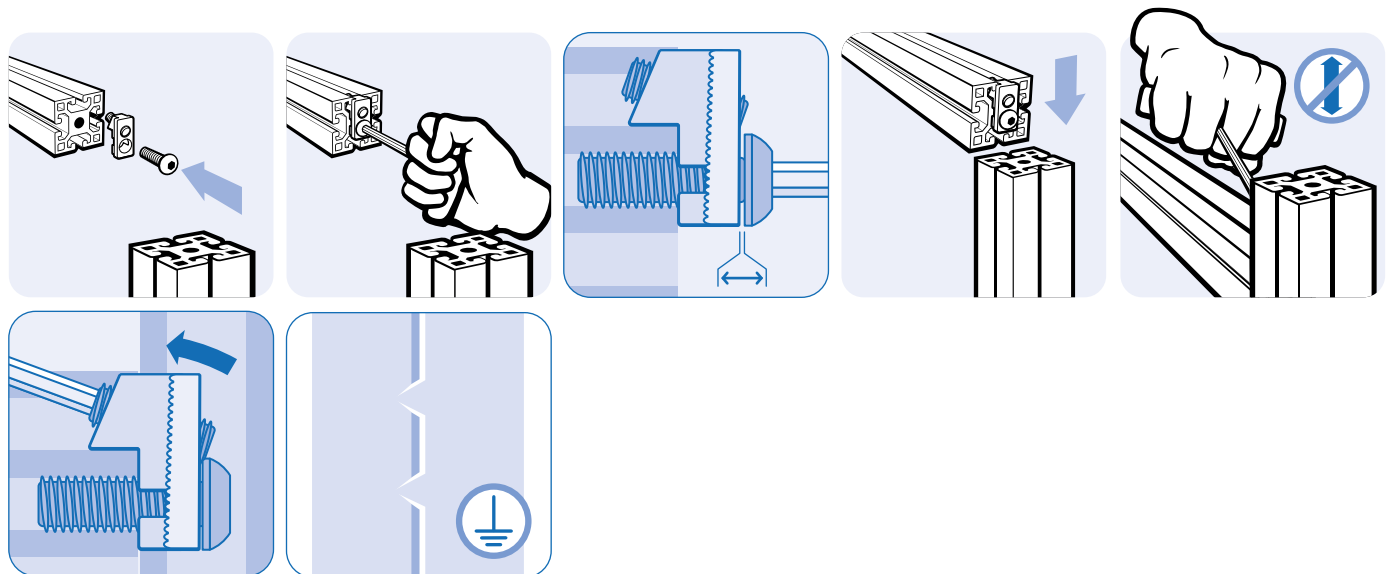
[profile-connector-90.fath24.com](http://profile-connector-90.fath24.com)

**PROFILE CONNECTOR 90° I, SLOT 8 (SET)**

<b>MODEL</b>	Steel, slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET 1</b>	1 profile connector 90° I 1 screw M8 x 22
<b>SET 2</b>	1 profile connector 90° I 1 self-forming screw S7 x 22
<b>PACK QUANTITY</b>	10 sets



Set	Weight [g]	Profile	Part #
Set 1	24.8	I	<a href="#">099J08M08S03</a>
Set 2	24.0	I	<a href="#">099J08S07</a>





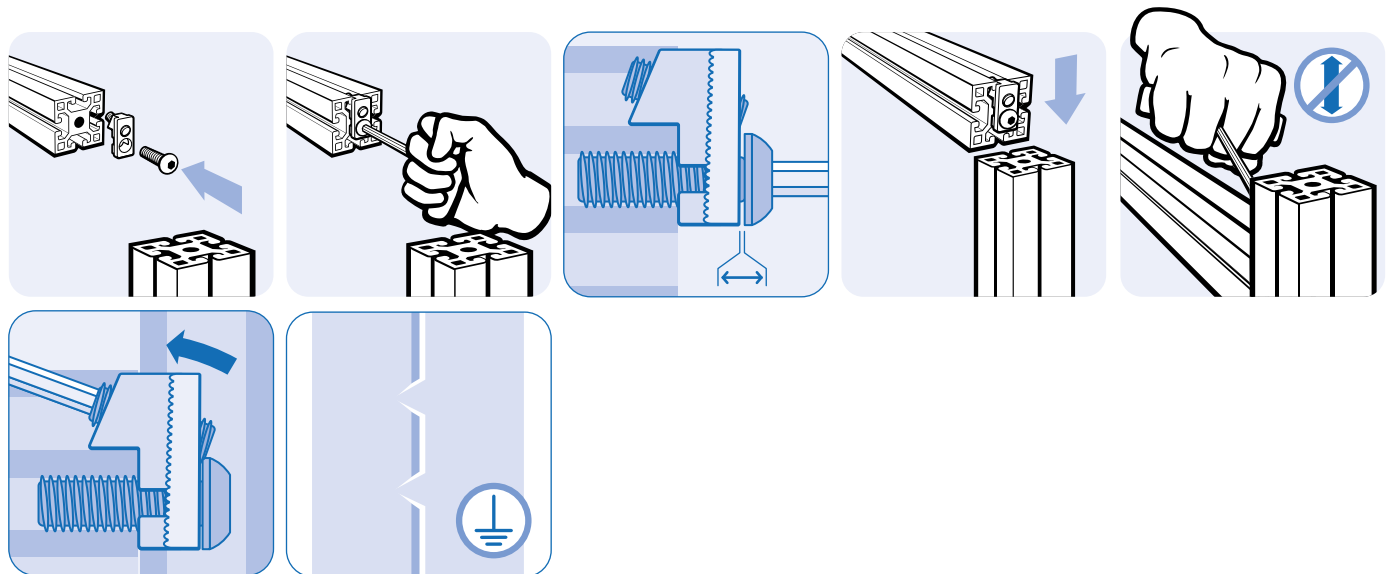
**PROFILE CONNECTOR 90° M45, SLOT 8 (SET)**

<b>MODEL</b>	Steel, slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET 1</b>	1 profile connector 90° M 1 screw M8 x 25
<b>SET 2</b>	1 profile connector 90° M 1 self-forming screw S8 x 25
<b>PACK QUANTITY</b>	10 pieces



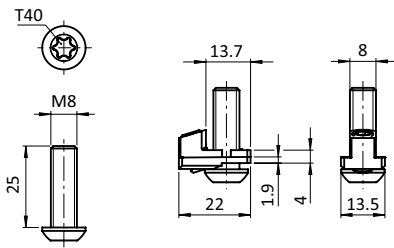
Set	Weight [g]	Part #
Set 1	28.0	099J08M08
Set 2	28.0	099J08S08

4

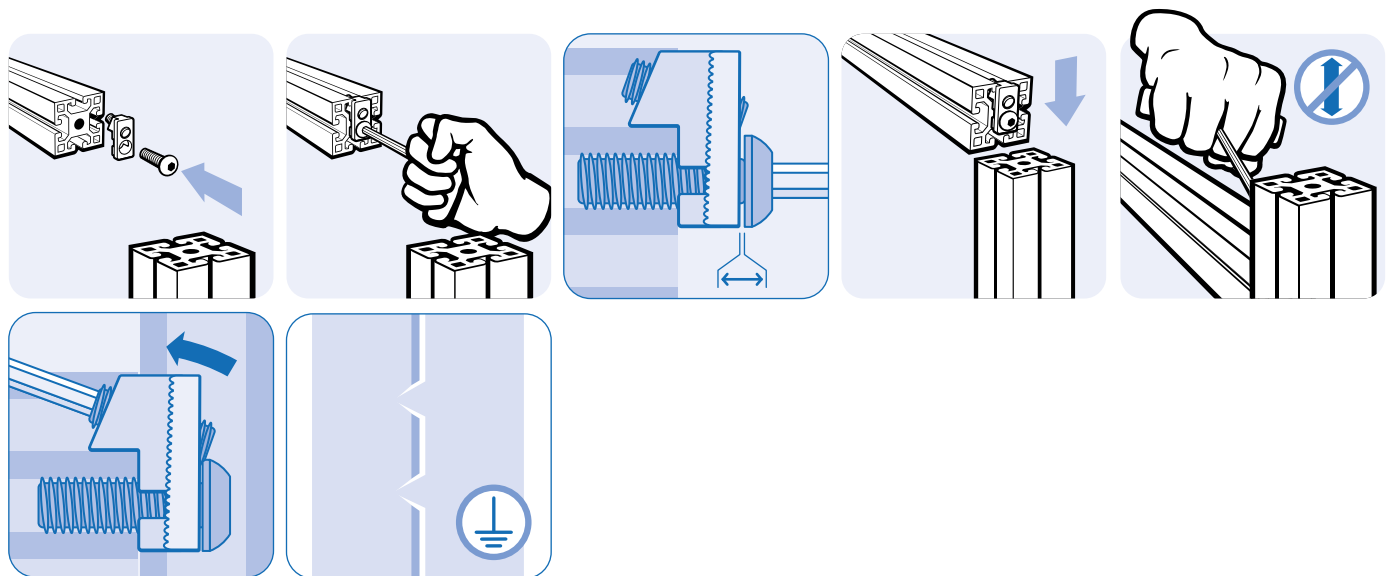


**PROFILE CONNECTOR 90° B / M30, SLOT 8 (SET)**

<b>MODEL</b>	Steel, slot 8
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET</b>	1 Profile Connector 90° B / M30 1 self forming screw S8 x 25

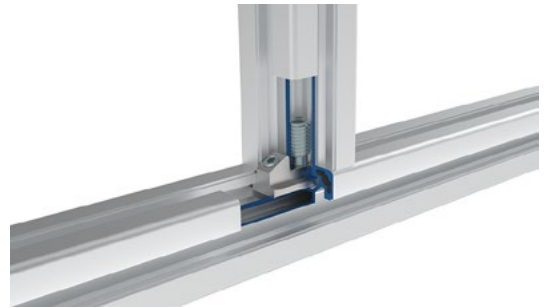
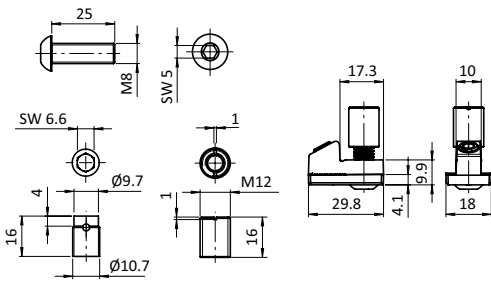


Slot	Weight [g]	Profile	Part #
8	22.0	B	099J08S08S03



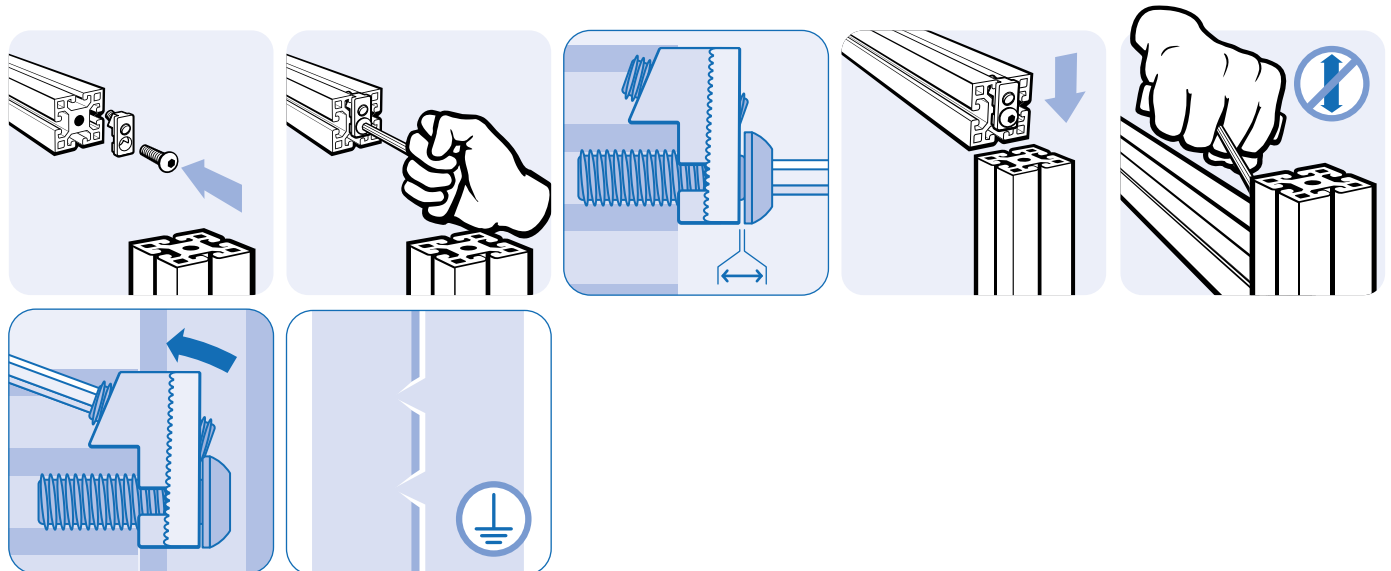
**PROFILE CONNECTOR 90° B, SLOT 10 (SET)**

<b>MODEL</b>	Steel, slot 10
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET 1</b>	1 profile connector 90° B 1 threaded bush M12 1 screw M8 x 25
<b>SET 2</b>	1 profile connector 90° B 1 cutting bush S12 1 screw M8 x 25
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Assembly with threaded bush M12: Cut thread M12 in core hole $\varnothing$ 10.2 mm, apply bush to screw and screw in together Assembly with cutting bush S12: Turn cutting bush in core hole $\varnothing$ 10.2 mm, fasten screw in bush



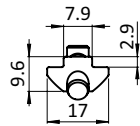
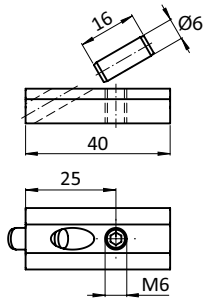
4

Set	Slot	Weight [g]	Profile	Part #
Set 1	10	49.7	B	<a href="#">099J10M12</a>
Set 2	10	45.8	B	<a href="#">099J10S12</a>

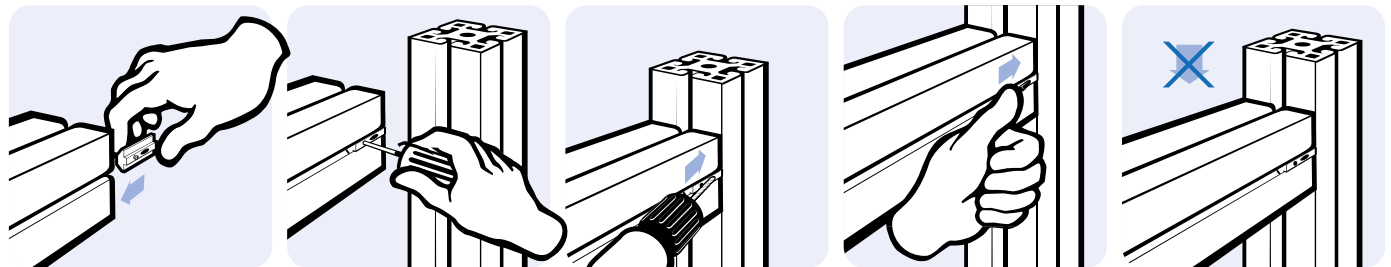


**PIN T-SLOT NUT I, SLOT 8**

<b>MODEL</b>	Steel, slot 8
<b>DESCRIPTION</b>	To enhance the stability of a connection against displacement; a $\varnothing 5.9$ mm hole must be drilled into one profile
<b>MATERIAL</b>	Pin T-slot nut: Steel Straight pin DIN 7979 D6 m6 x 16: Steel Hexagon socket set screw DIN 916 M6 x 12: Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces

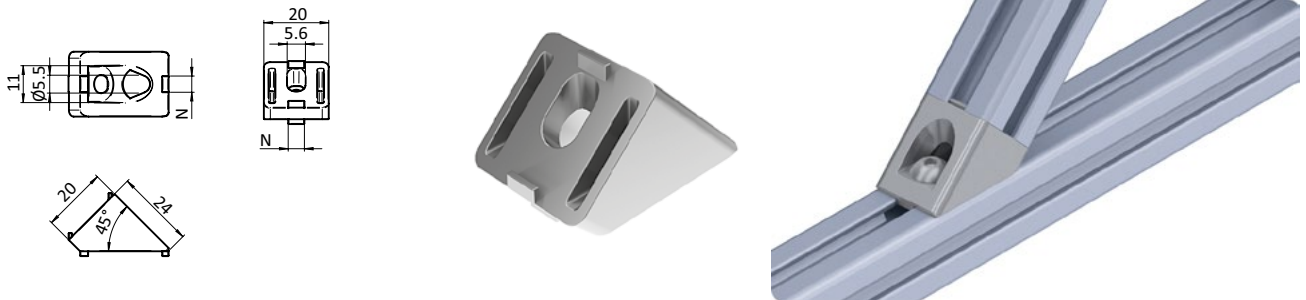


Slot	Weight [g]	Profile	Part #
8	35.6	I	<a href="#">096060513</a>

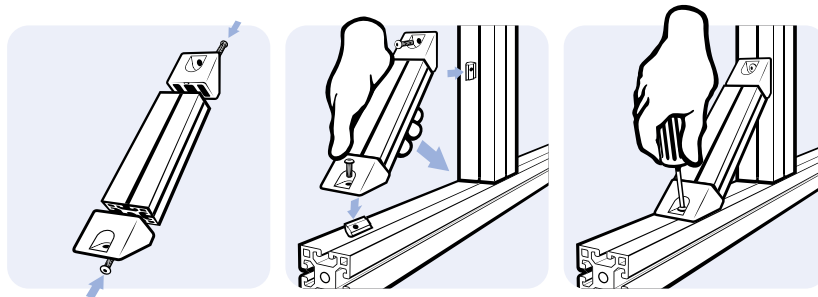


**ANGLE CONNECTOR 20, 45°**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

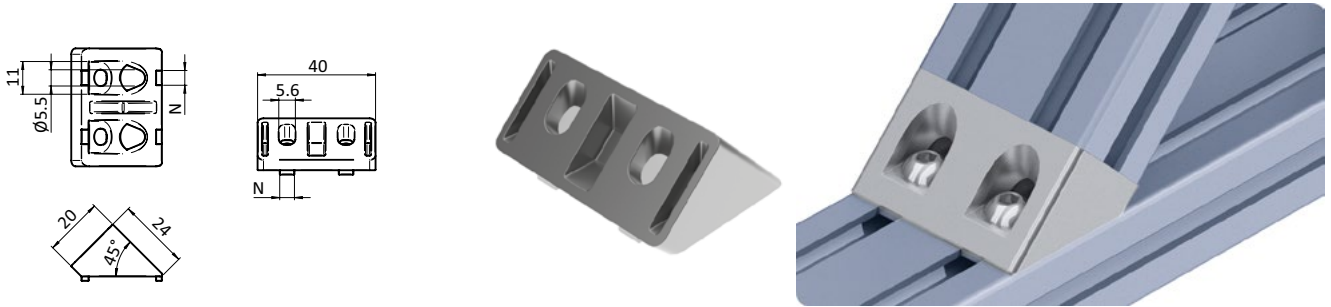


Surface	Color	for Screw	N	Weight [g]	Part #
Plain		M5	5	10.4	093WS20145N05R
Powder coated	Alu color	M5	5	10.4	093WS20145N05



**ANGLE CONNECTOR 40 X 20, 45°**

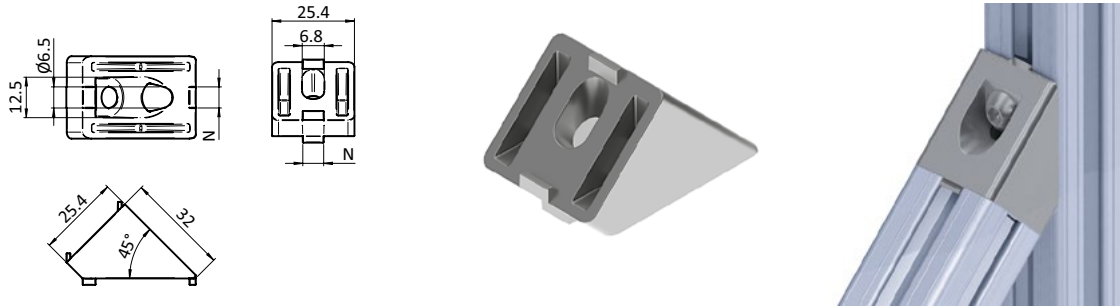
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



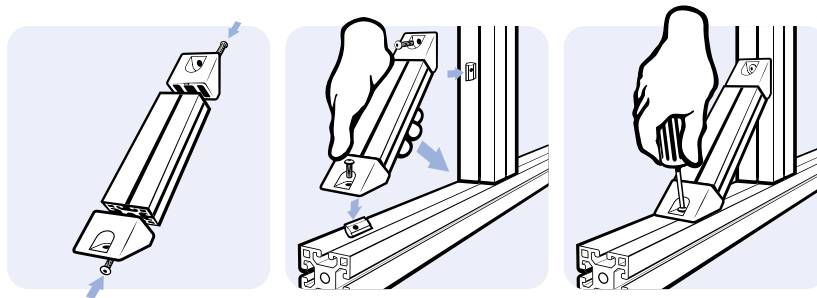
Surface	Color	for Screw	N	Weight [g]	Part #
Plain		M5	5	19.2	<a href="#">093WS40445N05R</a>
Powder coated	Alu color	M5	5	19.2	<a href="#">093WS40445N05</a>

**ANGLE CONNECTOR 25 - 1", 45°**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

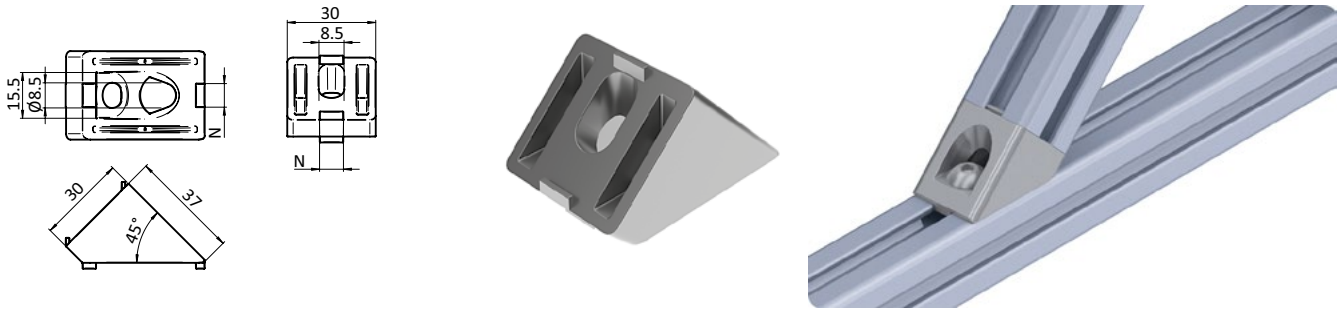


Surface	Color	for Screw	N	Weight [g]	Part #
Plain		1/4"-20	6.5	30.1	<b>093WS25145N6,5R</b>
Powder coated	Alu color	1/4"-20	6.5	30.1	<b>093WS25145N6,5</b>

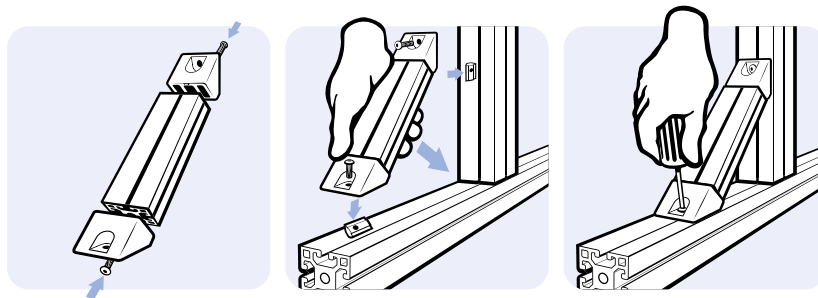


**ANGLE CONNECTOR 30, 45°**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



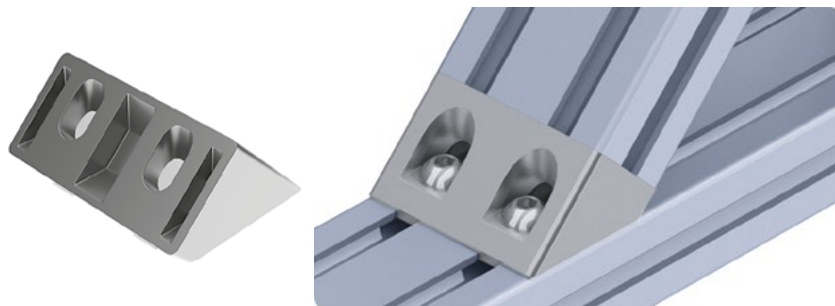
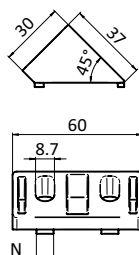
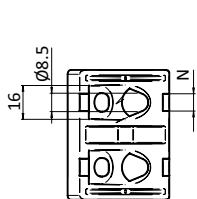
	Surface	Color	for Screw	N	Weight [g]	Part #
	Plain		M8	8	33.5	<a href="#">093WS30245N08R</a>
	Powder coated	Alu color	M8	8	33.5	<a href="#">093WS30245N08</a>





**ANGLE CONNECTOR 60 X 30, 45°**

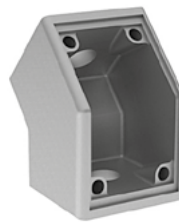
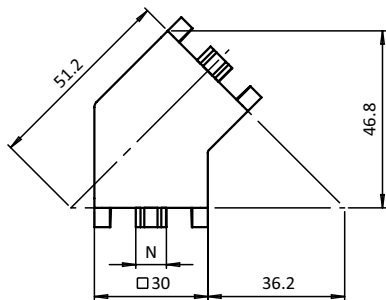
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Surface	Color	for Screw	N	Weight [g]	Part #
Plain		M8	8	41.2	<a href="#">093WS60145N08R</a>
Powder coated	Alu color	M8	8	41.2	<a href="#">093WS60145N08</a>

**ANGLE CONNECTOR B 30, 45°**

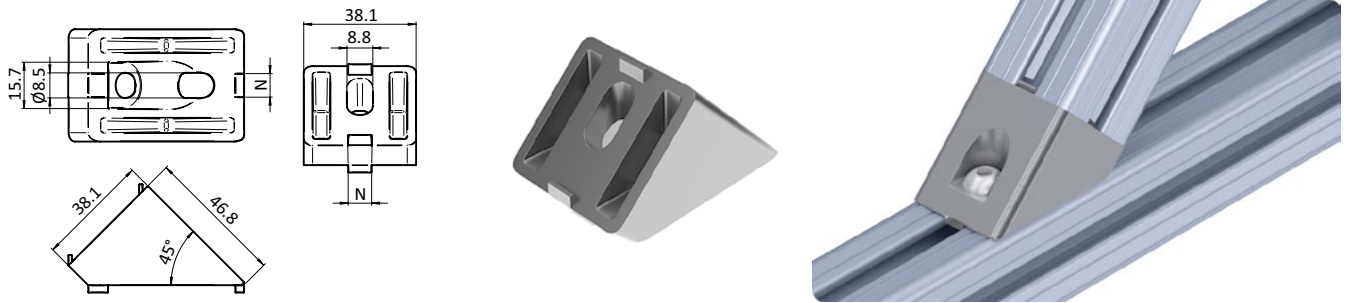
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Angle connector: Aluminum die-cast Centering pieces: Plastic PA, glass fiber reinforced Cover caps: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Angle connector: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Centering pieces: Black Cover caps: Black / alu color
<b>ASSEMBLY SET</b>	2 self-forming screws - S8 x 25 - Torx, 1 socket head screw - DIN EN ISO 4762 (DIN 912) - M6 x 12, 1 washer DIN EN ISO 7089 (DIN 125) - Form A, 1 hammer nut M6 - slot 8, 1 socket head screw - DIN EN ISO 4762 (DIN 912) - M8 x 16, 1 hammer nut M8 - slot 10
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



Version	Surface	Color	Assembly Set	N	Weight [g]	Part #
Cover cap: Black	Plain			- / 8 / 10	45.0	<a href="#">093WS30145N0810RS02</a>
	Plain		incl. assembly set	- / 8 / 10	95.0	<a href="#">093WS30145N0810RS01</a>
	Powder coated	Alu color		- / 8 / 10	45.0	<a href="#">093WS30145N0810S02</a>
Cover cap: alu color	Powder coated	Alu color		- / 8 / 10	47.0	<a href="#">093WS30145N0810S03</a>
Cover cap: Black	Powder coated	Alu color	incl. assembly set	- / 8 / 10	95.0	<a href="#">093WS30145N0810S01</a>
Cover cap: alu color	Powder coated	Alu color	incl. assembly set	- / 8 / 10	96.5	<a href="#">093WS30145N0810S04</a>

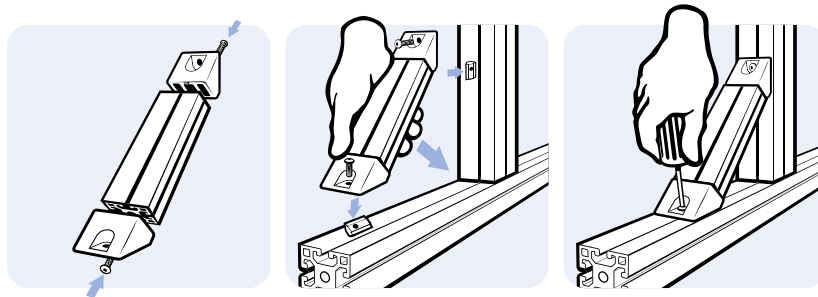
**ANGLE CONNECTOR 38 - 1.5", 45°**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



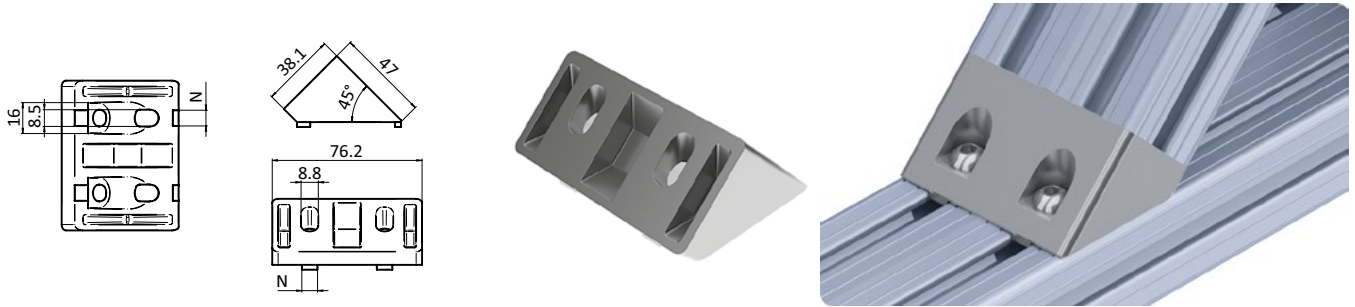
Surface	Color	for Screw	N	Weight [g]	Part #
Plain		5/16"-18	8	69.1	<b>093WS38145N08R</b>
Powder coated	Alu color	5/16"-18	8	69.1	<b>093WS38145N08</b>

4



**ANGLE CONNECTOR 76 X 38 - 3" X 1.5", 45°**

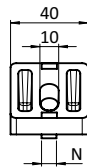
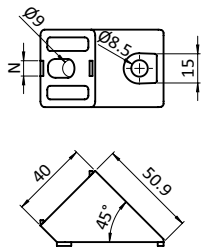
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Surface	Color	for Screw	N	Weight [g]	Part #
Powder coated	Alu color	5/16"-18	8	135.2	<b>093WS76145N08</b>

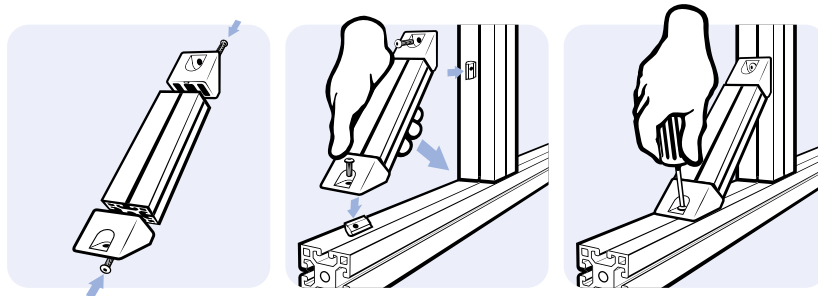
**ANGLE CONNECTOR 40, 45°**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



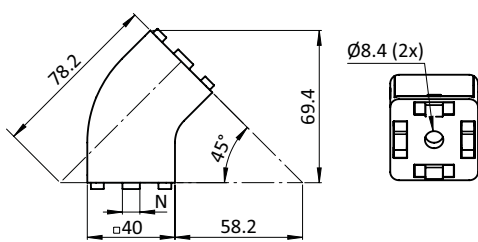
Surface	Color	for Screw	N	Weight [g]	Part #
Plain		M8	8	209.0	<a href="#">093WS40145N08R</a>
Powder coated	Alu color	M8	8	214.0	<a href="#">093WS40145N08</a>

4



**ANGLE CONNECTOR I 40, 45° (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Angle connector: Aluminum die-cast Centering pieces: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Angle connector: Powder coated
<b>COLOR</b>	Angle connector: Alu color Cover cap: Gray ≈ RAL 7042
<b>SET</b>	1x angle connector, 4x centering pieces, 1x cover cap
<b>PACK QUANTITY</b>	10 sets



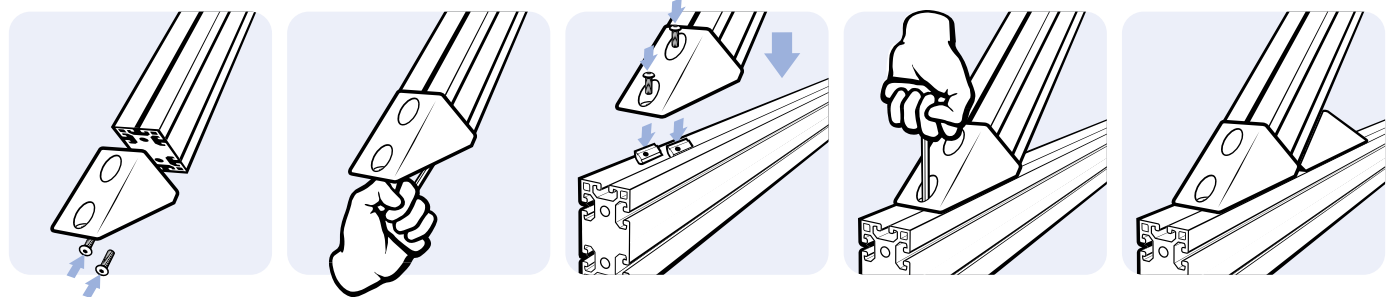
	N	Weight [g]	Part #
	8 / 10	138.0	<b>093WS40545N08S01</b>

**ANGLE CONNECTOR 40 X 80, 45°**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces

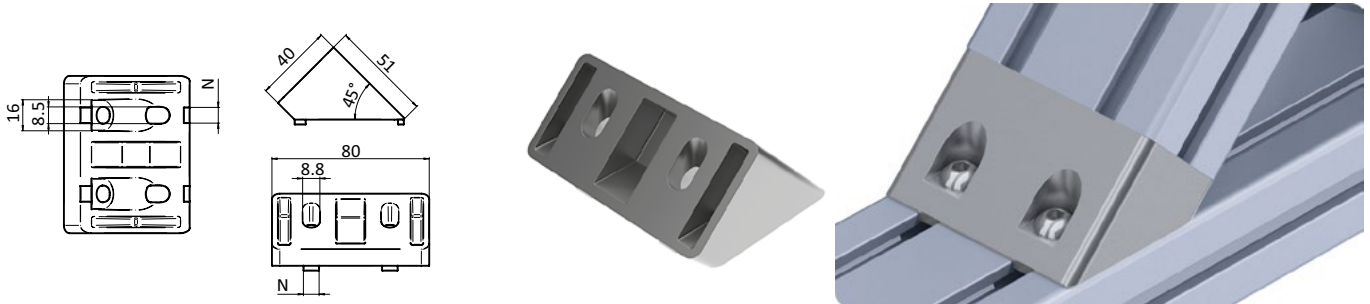


Surface	Color	for Screw	Weight [g]	Part #
Plain		M8	350.0	<a href="#">093WS40245R</a>
Powder coated	Alu color	M8	350.0	<a href="#">093WS40245</a>



**ANGLE CONNECTOR 80 X 40, 45°**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

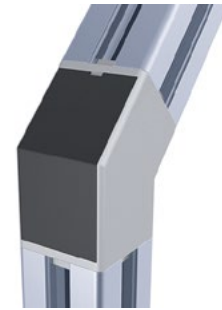
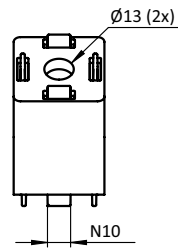
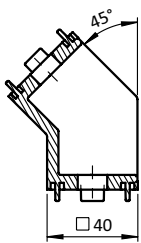


Surface	Color	for Screw	N	Weight [g]	Part #
Plain		M8	8	166.2	<a href="#">093WS80145N08R</a>
Powder coated	Alu color	M8	8	166.2	<a href="#">093WS80145N08</a>



**ANGLE CONNECTOR B 40, 45° (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Angle connector: Aluminum die-cast Cover caps: Plastic PA, glass fibre reinforced Assembly set: Steel
<b>SURFACE</b>	Angle connector: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Cover caps: Black / gray
<b>SET</b>	1 Angle connector, 1 Cover cap, 2 Self-forming screws - S12 x 30 - with Torx, 1 Hammer head screw M8 x 20 - slot 10, 1 Flange nut M8
<b>PACK QUANTITY</b>	10 sets

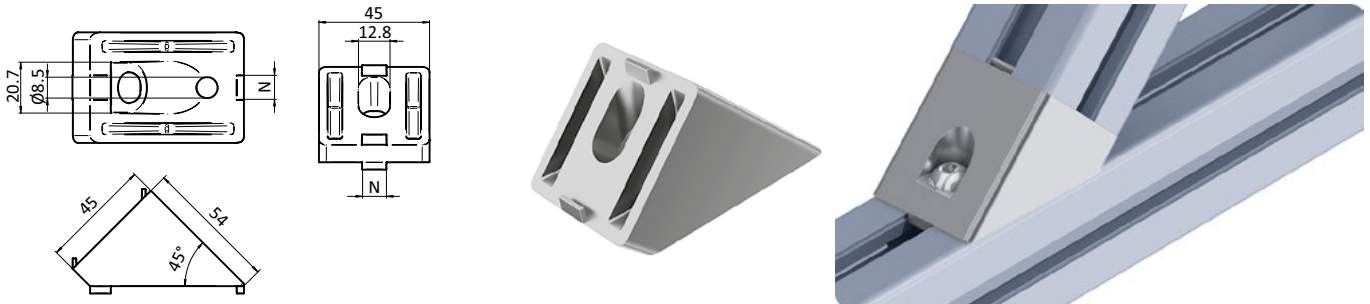


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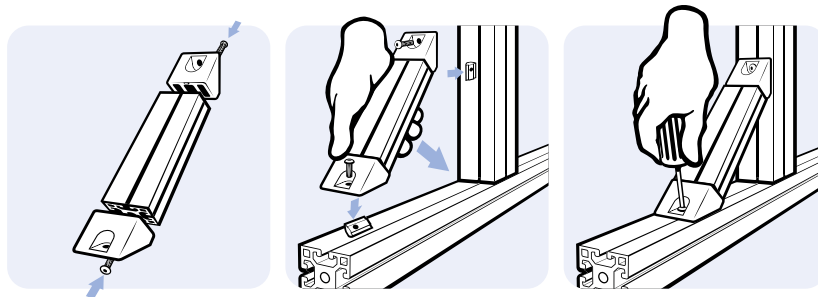
Version	Surface	Color	N	Weight [g]	Part #
Cover cap: Black	Plain		10	149.8	<a href="#">093WS40345N10RS01</a>
Cover cap gray ≈ RAL 7004	Powder coated	Alu color	10	149.8	<a href="#">093WS40345N10S03</a>

**ANGLE CONNECTOR 45, 45°**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

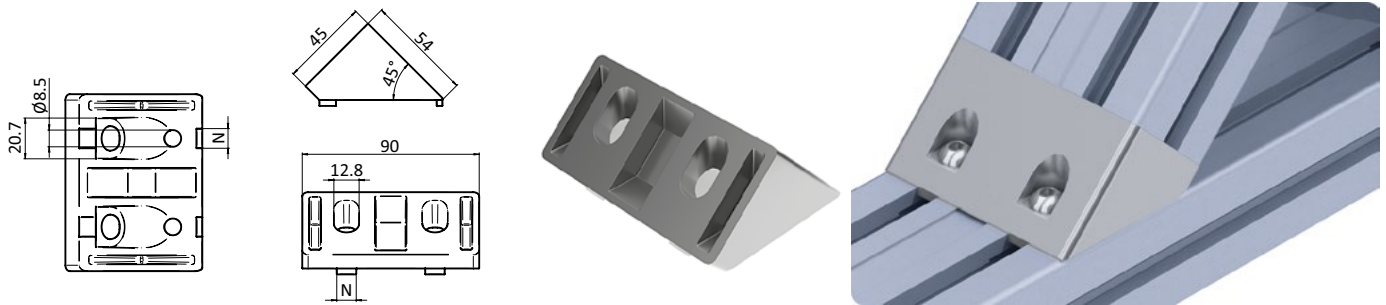


Surface	Color	for Screw	N	Weight [g]	Part #
Plain		M12	10	112.4	<a href="#">093WS45245N10R</a>
Powder coated	Alu color	M12	10	112.4	<a href="#">093WS45245N10</a>



**ANGLE CONNECTOR 90 X 45, 45°**

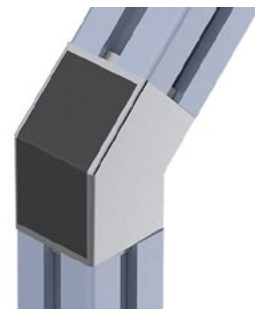
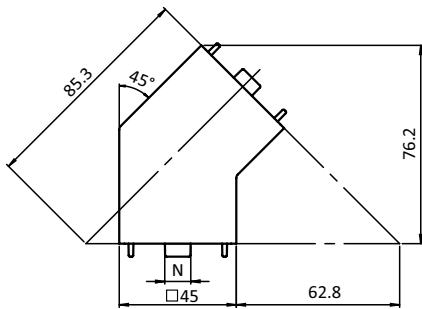
<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain / powder coated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Surface	Color	for Screw	N	Weight [g]	Part #
Plain		M12	10	216.2	<a href="#">093WS90145N10R</a>
Powder coated	Alu color	M12	10	216.2	<a href="#">093WS90145N10</a>

**ANGLE CONNECTOR B 45, 45°**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect two aluminum profiles at 45°
<b>MATERIAL</b>	Angle connector: Aluminum die-cast Cover caps: Plastic PA, glass fibre reinforced Assembly set: Steel
<b>SURFACE</b>	Angle connector: Plain / Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Cover caps: Black / gray
<b>ASSEMBLY SET</b>	2 self-forming screws - S12 x 30 - with Torx, 1 hammer head screw M8 x 20 - slot 10, 1 flange nut M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



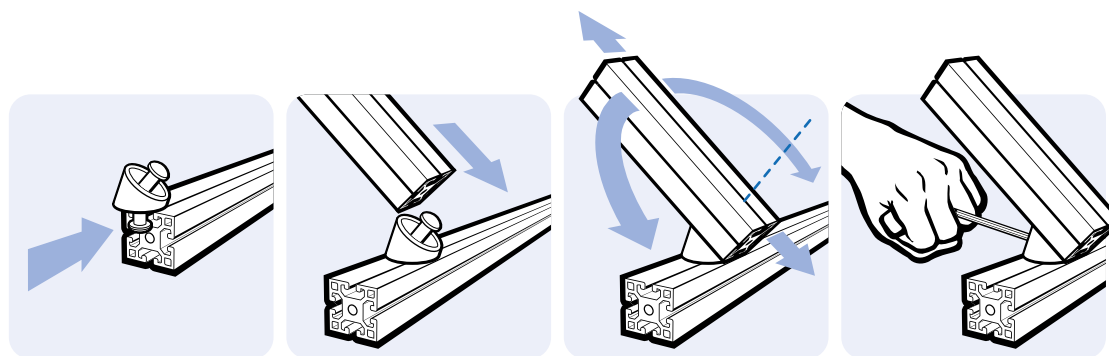
Version	Surface	Color	Assembly Set	N	Weight [g]	Part #
Cover cap: Black	Plain		incl. assembly set	10	228.0	<a href="#">093WS45145N10RS01</a>
	Powder coated	Alu color	incl. assembly set	10	228.0	<a href="#">093WS45145N10S01</a>
Cover cap: alu color	Powder coated	Alu color	incl. assembly set	10	231.0	<a href="#">093WS45145N10S02</a>

**CLAMP CONNECTOR 45°**

<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To connect two aluminum profiles, no mechanical preparation needed
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	1 piece

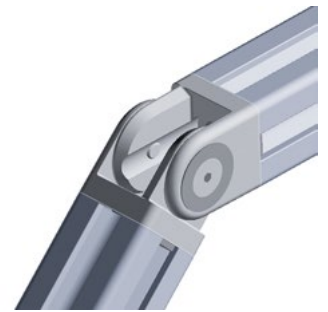
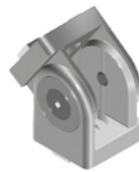
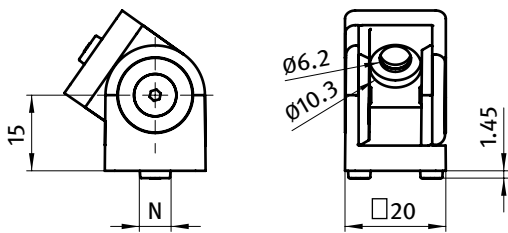


Weight [g]	Part #
65	099SV45

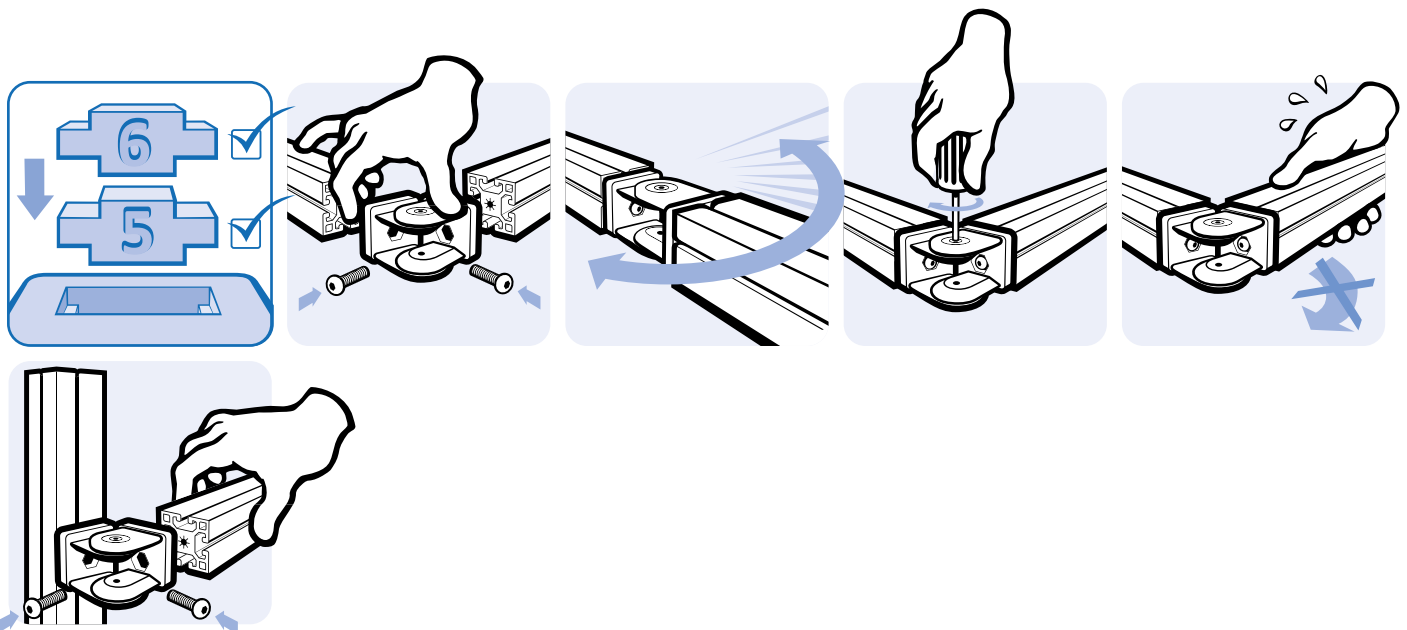


**PIVOT JOINT 20**

<b>MODEL</b>	With adjustable friction, aluminum die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; with separate locating pins for slot 5 and slot 6; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces



Opening Angle	N	Weight [g]	Part #
190°	- / 5 / 6	18.0	<b>093GA20AN</b>



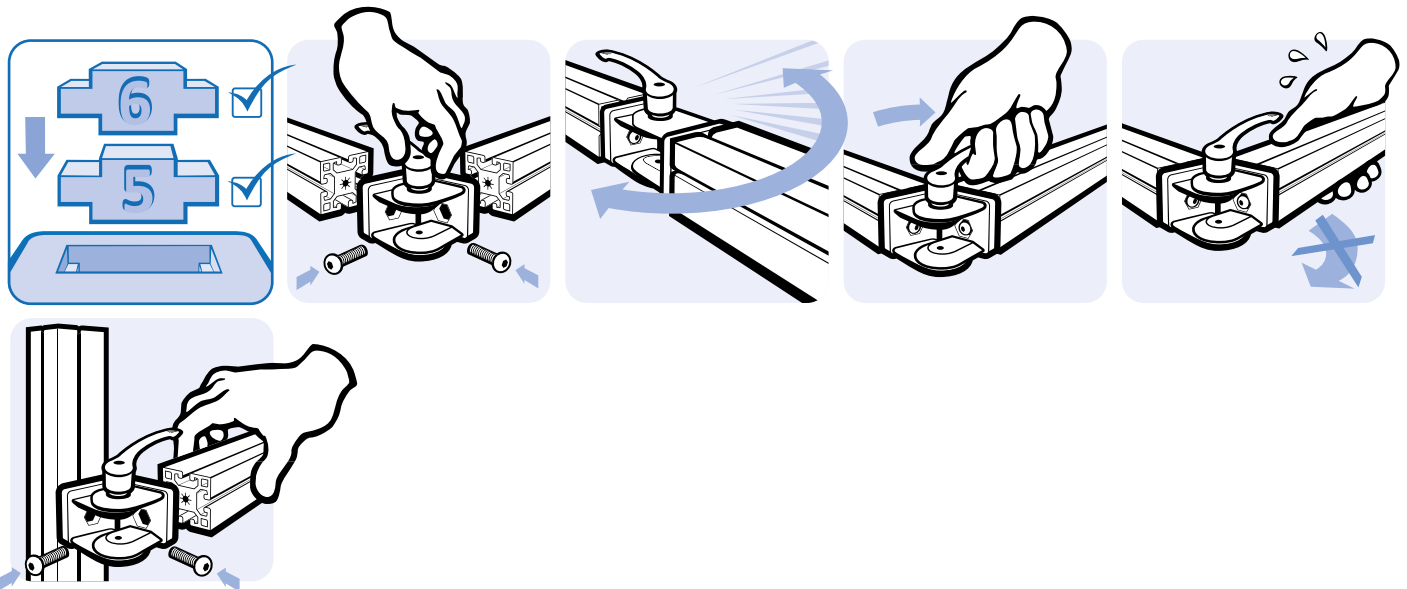
**PIVOT JOINT 20 WITH LOCKING LEVER**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	For connection of two profiles or panels, with attachment at any angle, with separate slot fixing for slot 5 and slot 6; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Aluminum die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces



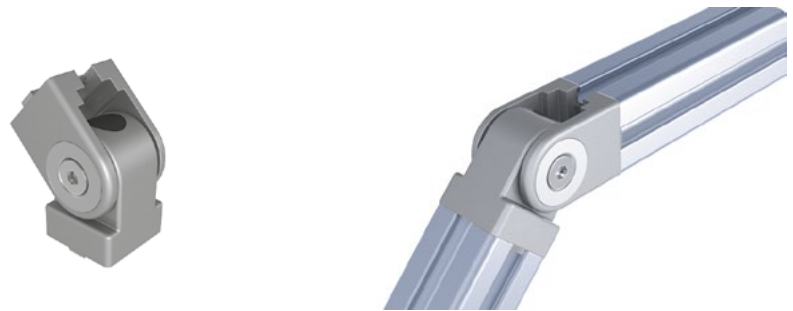
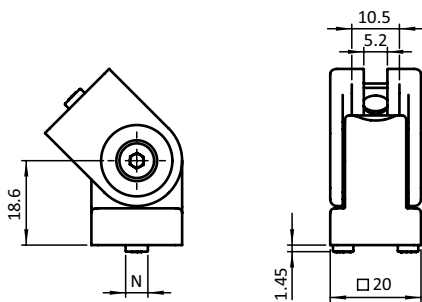
Opening Angle	N	Weight [g]	Part #
182°	- / 5 / 6	25.0	<b>093GAF20AN</b>

4

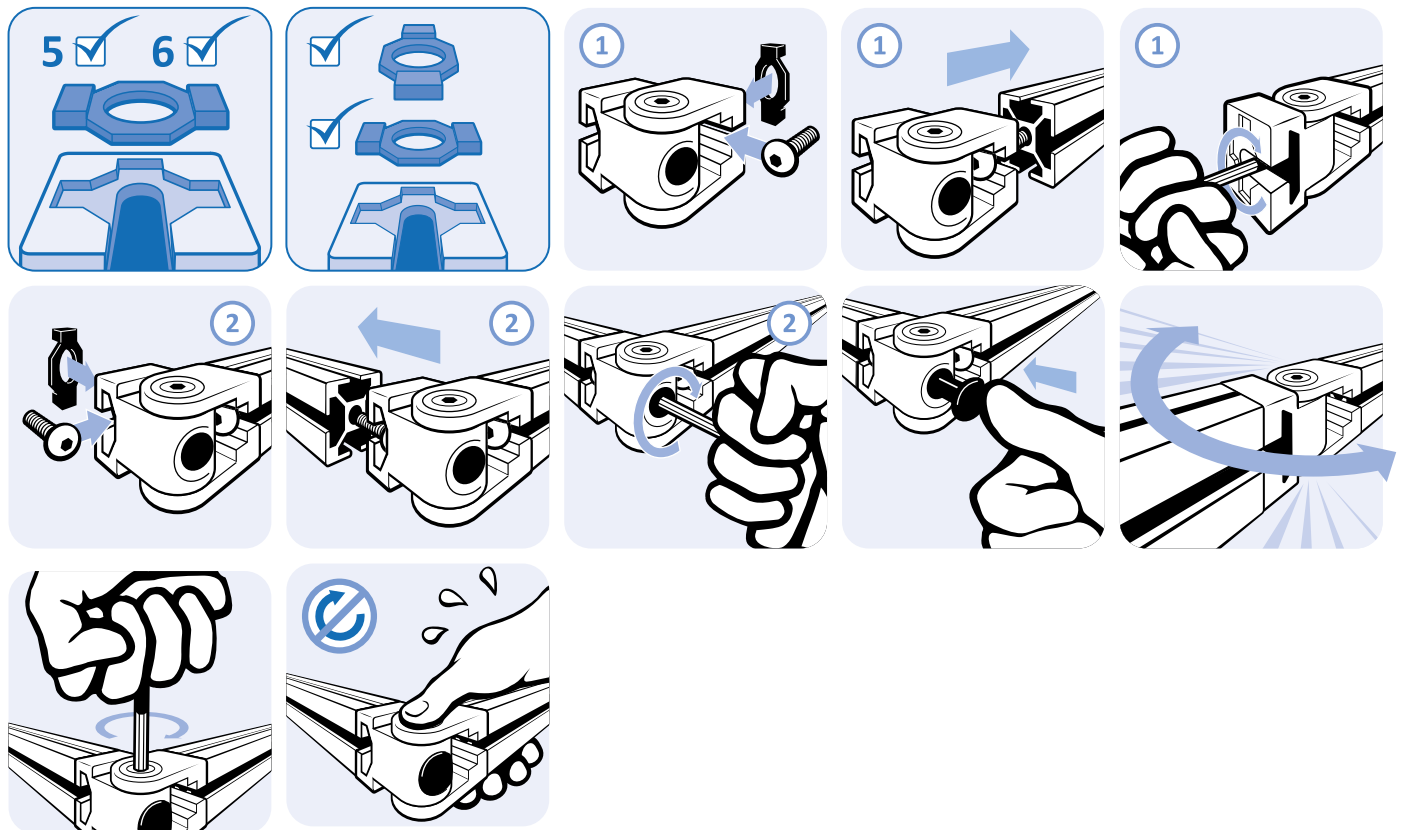


**PIVOT JOINT B 20**

<b>MODEL</b>	Bearing block, with adjustable friction, aluminum die-cast
<b>DESCRIPTION</b>	For connection of two profiles or panels, with attachment at any angle, fixed locating pins for slot 5 or 6 optional; by tightening or loosening the screws you can adjust the frictional resistance of the joint continuously, or you can fix it at a defined position; thicker walls for stronger locking
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Screw of the pivot joint fork must be mounted first in the straight position of the joint through the hole in the bearing block.



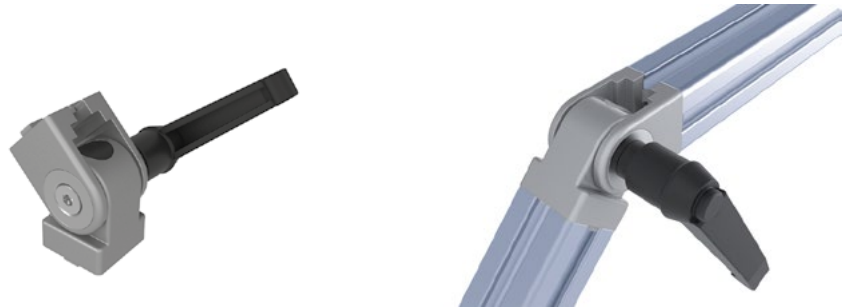
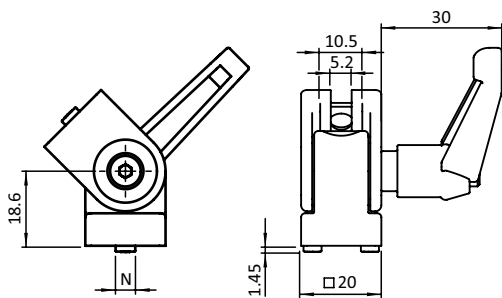
Opening Angle	N	Weight [g]	Profile	Part #
185°	5	33.0	I	093GAB20AN05
185°	6	33.0	B	093GAB20AN06





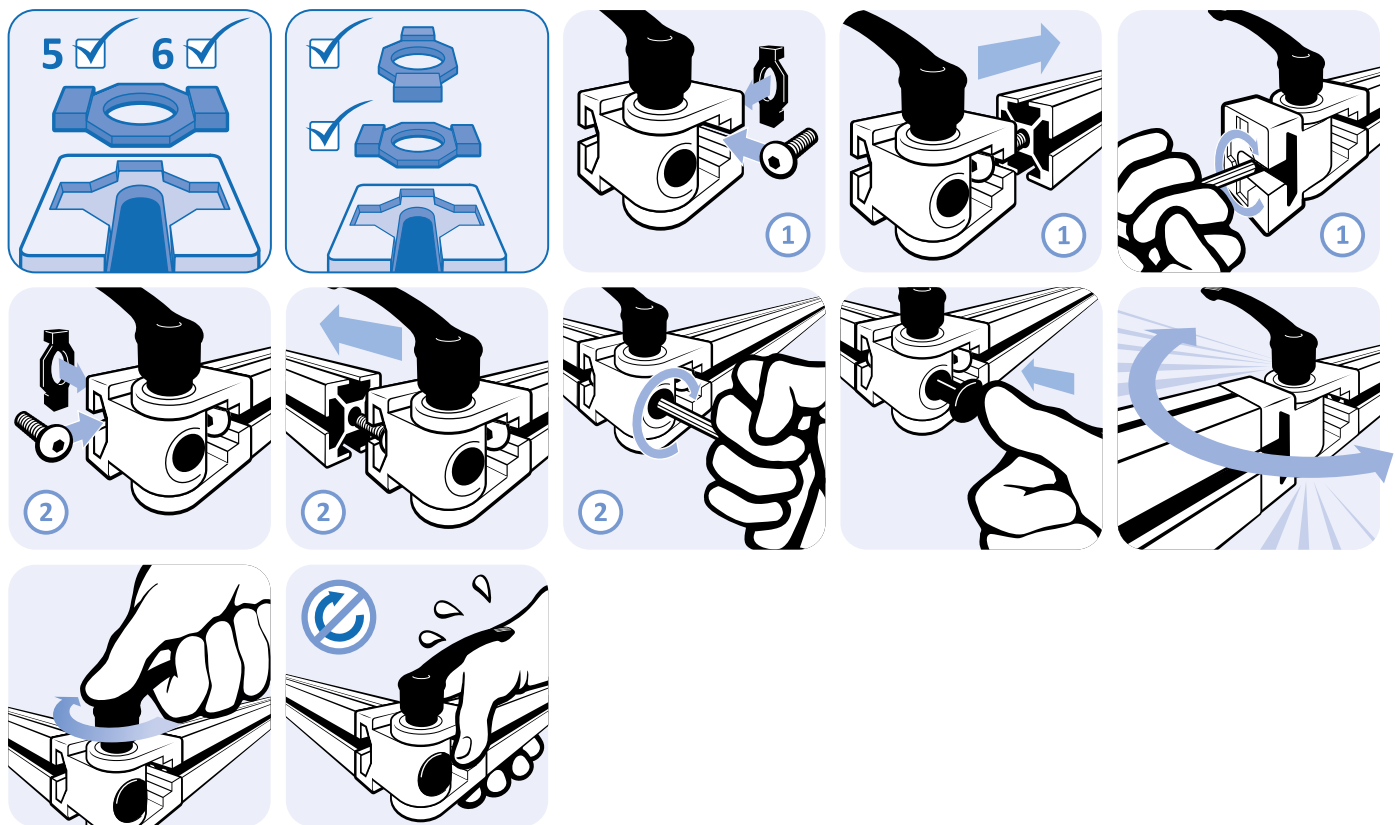
**PIVOT JOINT B 20 WITH LOCKING LEVER**

<b>MODEL</b>	Bearing block, with adjustable friction, aluminum die-cast
<b>DESCRIPTION</b>	For connection of two profiles or panels, with attachment at any angle, fixed locating pins for slot 5 or 6 optional; by tightening or loosening the screws and the KIPP-locking lever you can adjust the frictional resistance of the joint continuously, or you can fix it at a defined position; thicker walls for stronger locking
<b>MATERIAL</b>	Joint: Aluminum die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Screw of the pivot joint fork must be mounted first in the straight position of the joint through the hole in the bearing block.



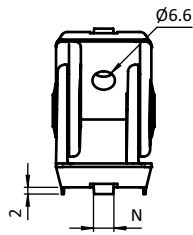
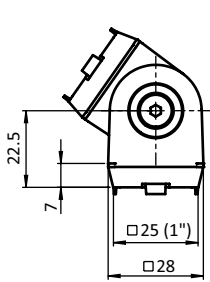
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Opening Angle	N	Weight [g]	Profile	Part #
185°	5	47.0	I	<a href="#">093GABF20AN05</a>
185°	6	47.0	B	<a href="#">093GABF20AN06</a>

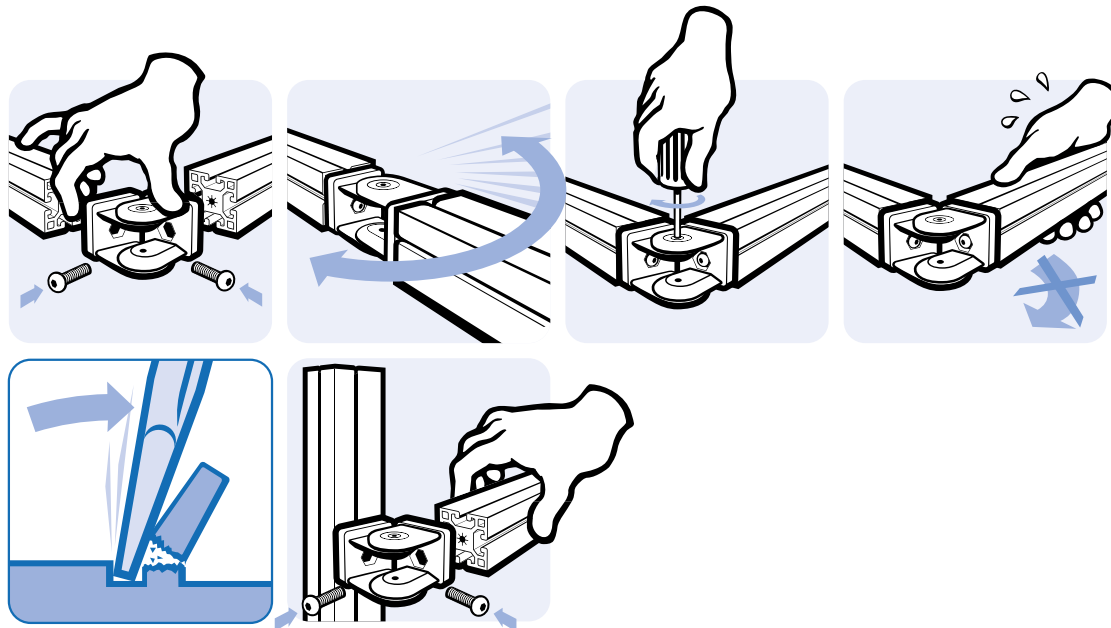


**PIVOT JOINT 25 - 1"**

<b>MODEL</b>	With adjustable friction, zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; fixed locating pins for slot 6 optional; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Opening Angle	N	Weight [g]	Part #
190°	6	116.0	<a href="#">093G25AN06</a>

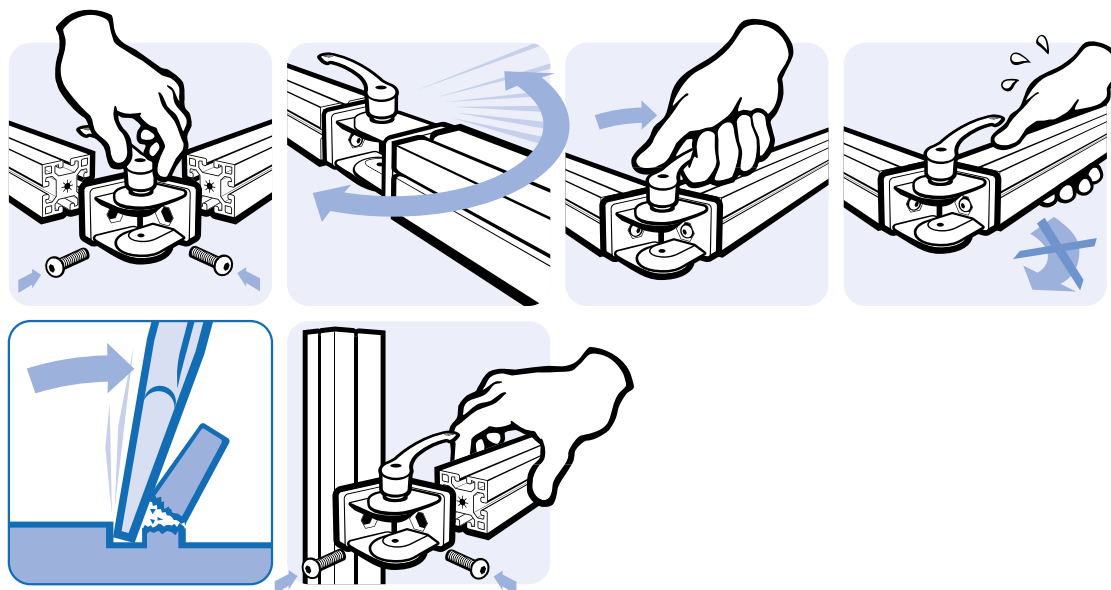


**PIVOT JOINT 25 - 1" WITH LOCKING LEVER**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between 2 profiles or panels which can be fixed at any angle; fixed locating pins for slot 6 optional; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Zinc die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

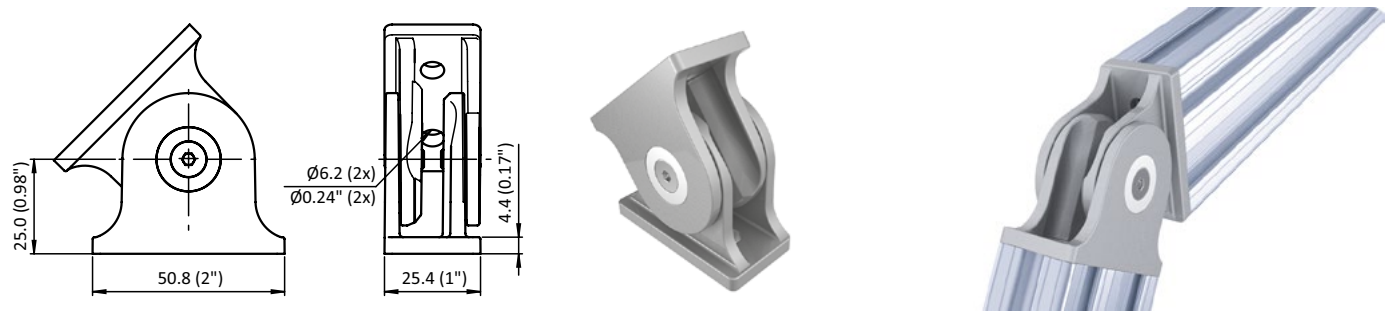


Opening Angle	N	Weight [g]	Part #
190°	6	138.0	093GF25AN06

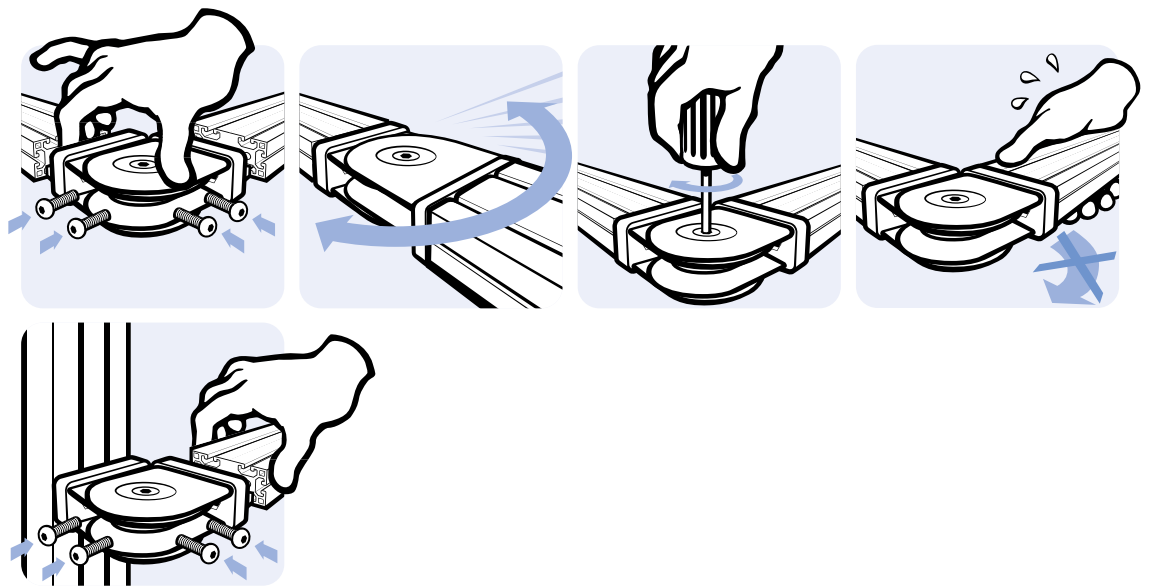


**PIVOT JOINT 25 X 51 - 1" X 2"**

<b>MODEL</b>	With adjustable friction, aluminum die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Opening Angle	Weight [g]	Part #
156°	83.0	<b>093GA2551A</b>

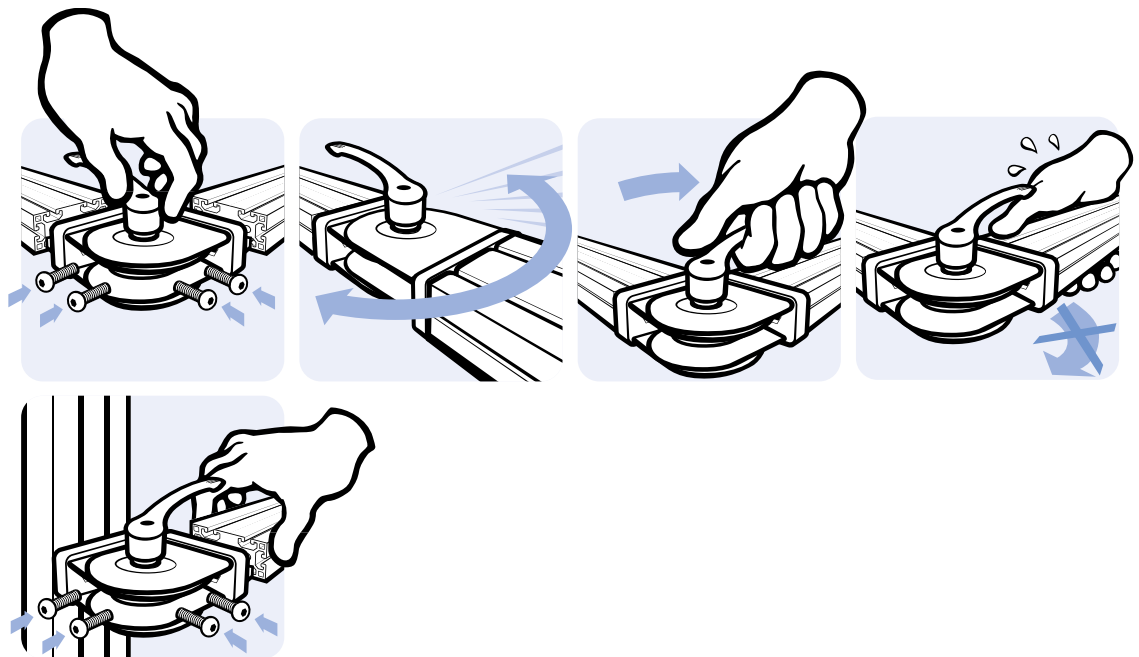


**PIVOT JOINT 25 X 51 - 1" WITH LOCKING LEVER**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels which can be fixed at any angle; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Aluminum die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

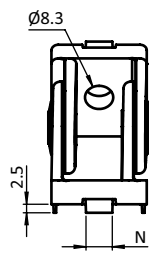
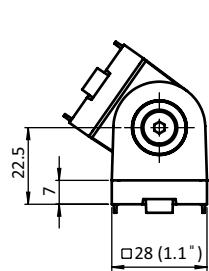


Opening Angle	Weight [g]	Part #
156°	98.0	093GAF2551A

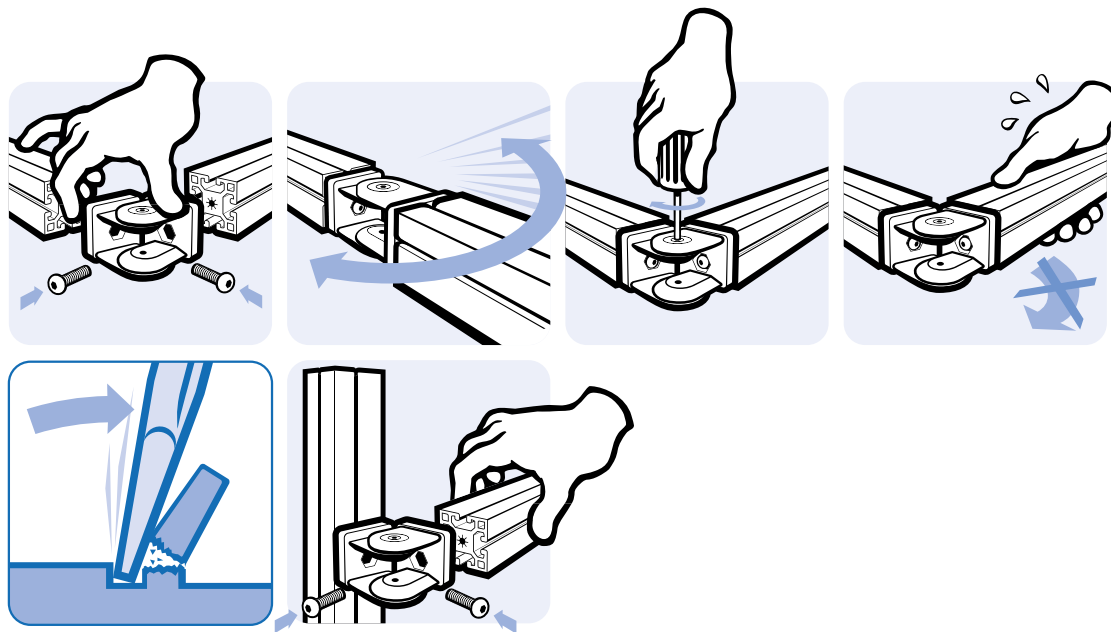


**PIVOT JOINT 28 - 1.1"**

<b>MODEL</b>	With adjustable friction, zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; fixed locating pins for slot 8 optional; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Laquered
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Opening Angle	N	Weight [g]	Part #
190°		128.0	<b>093G28A</b>
190°	8	128.0	<b>093G28AN08</b>

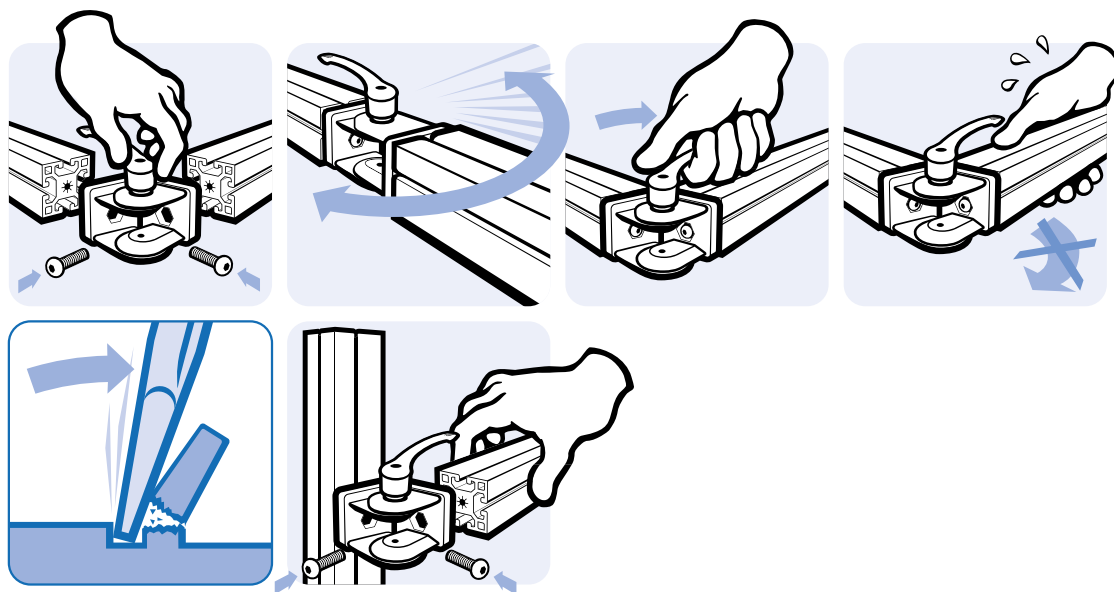


**PIVOT JOINT 28 - 1.1" WITH LOCKING LEVER**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels which can be fixed at any angle; fixed locating pins for slot 8 optional; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Zinc die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

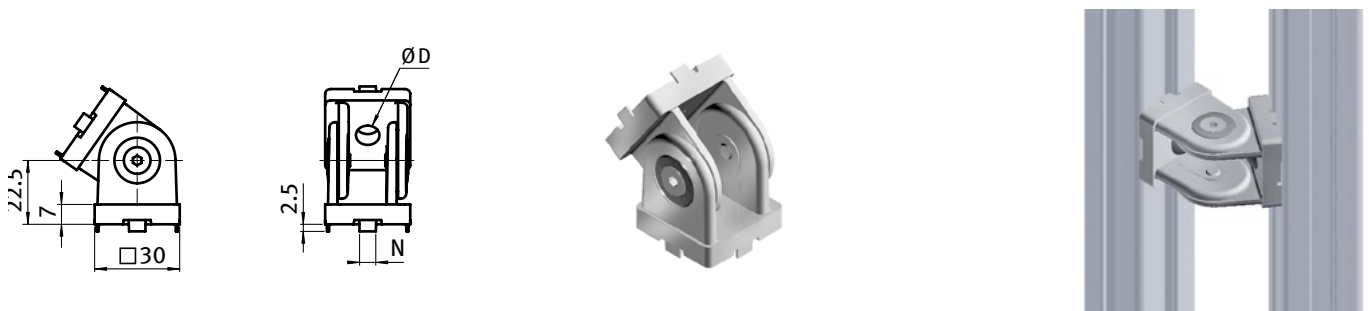


Opening Angle	N	Weight [g]	Part #
190°	8	150.0	093GF28AN08

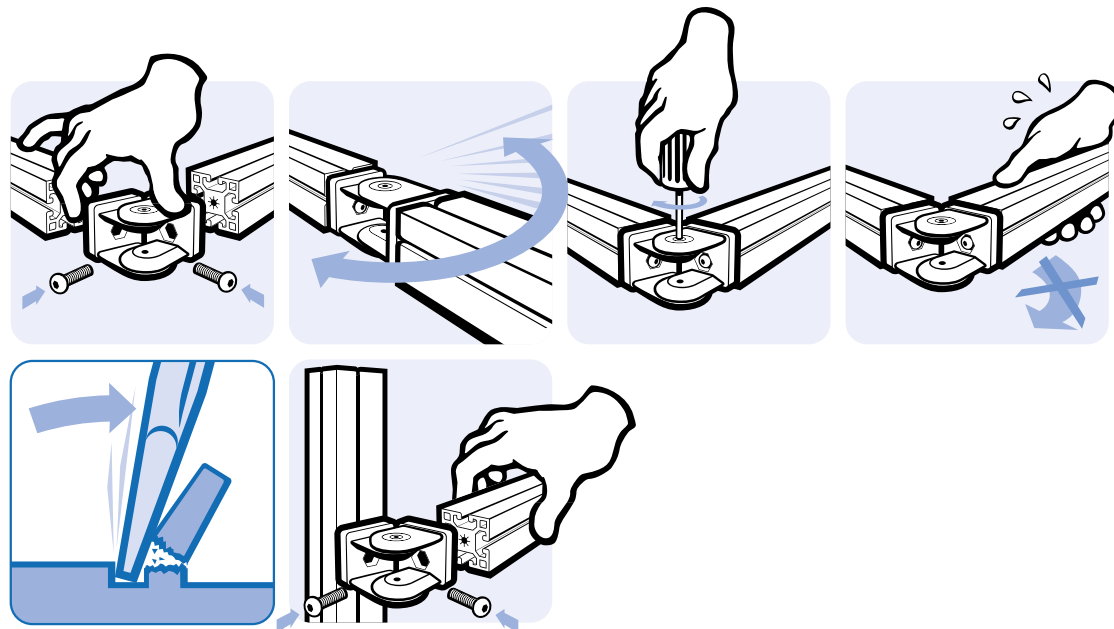


**PIVOT JOINT 30**

<b>MODEL</b>	With adjustable friction, zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between 2 profiles or panels, fixed locating pins for slot 6 or 8 optional; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



	ØD [mm]	Opening Angle	N	Weight [g]	Part #
	8.3	183°		134.0	<b>093G30A</b>
	6.6	183°	6	136.0	<b>093G30AN06</b>
	8.3	183°	8	134.0	<b>093G30AN08</b>



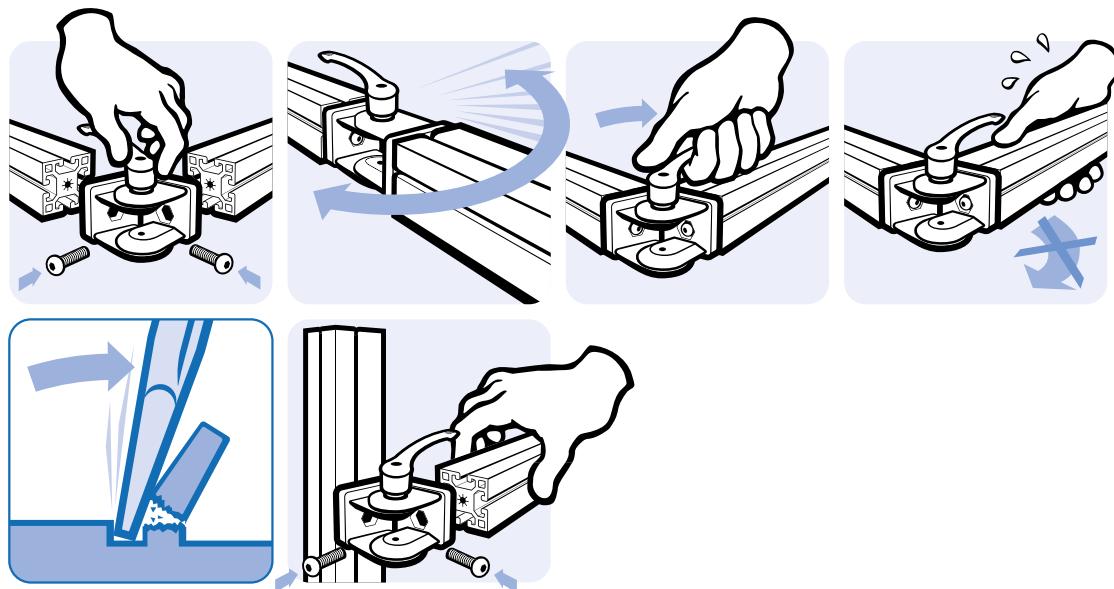


**PIVOT JOINT 30 WITH LOCKING LEVER**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between 2 profiles or panels which can be fixed at any angle; fixed locating pins for slot 8 optional; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Zinc die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



ØD [mm]	Opening Angle	N	Weight [g]	Part #
8.3	182°		156.0	<b>093GF30A</b>
6.6	182°	6	158.0	<b>093GF30AN06</b>
8.3	182°	8	156.0	<b>093GF30AN08</b>

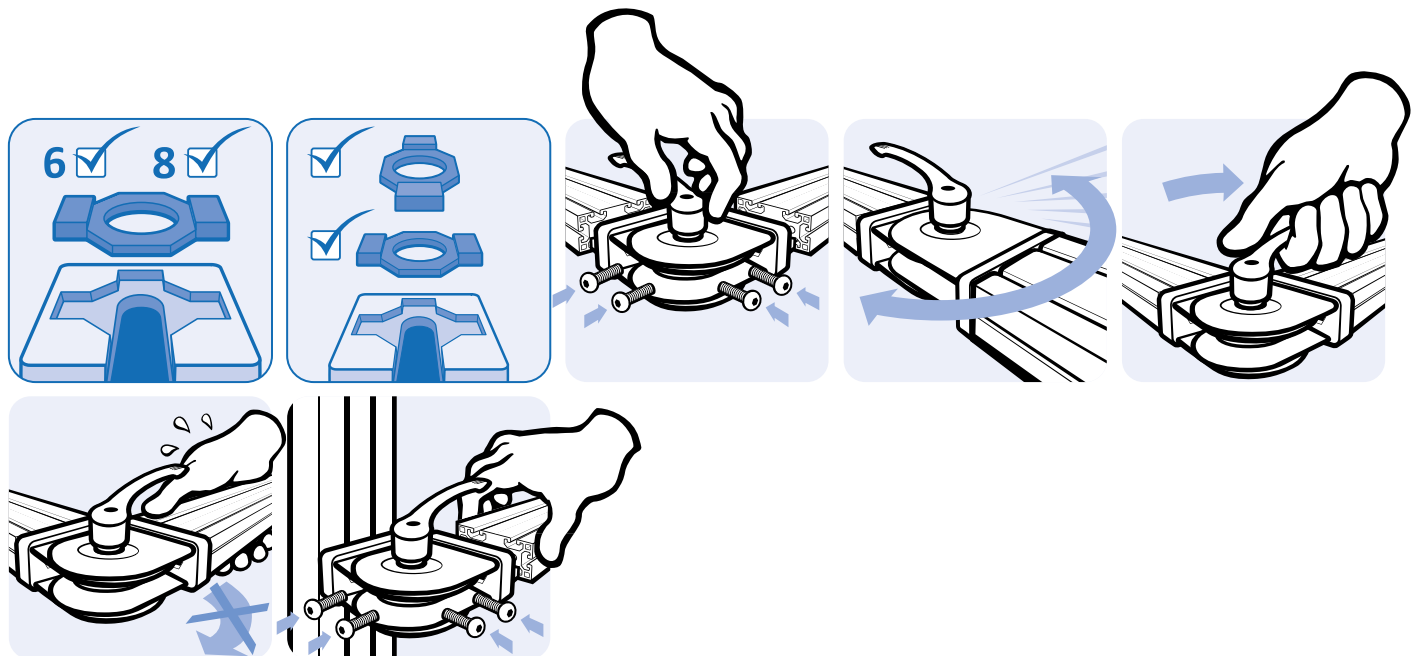


**PIVOT JOINT 30 X 60 WITH LOCKING LEVER**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	For connection of two profiles or panels, with attachment at any angle, with separate slot fixing for slot 6 and slot 8; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Aluminum die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

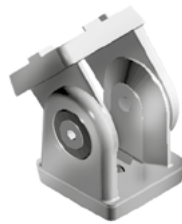
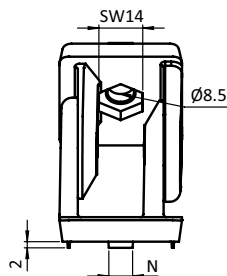
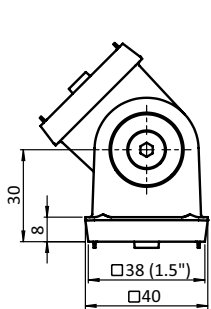


Opening Angle	N	Weight [g]	Part #
158°		139.0	<a href="#">093GAF3060A</a>
158°	6	143.0	<a href="#">093GAF3060AN06</a>
158°	8	143.0	<a href="#">093GAF3060AN08</a>



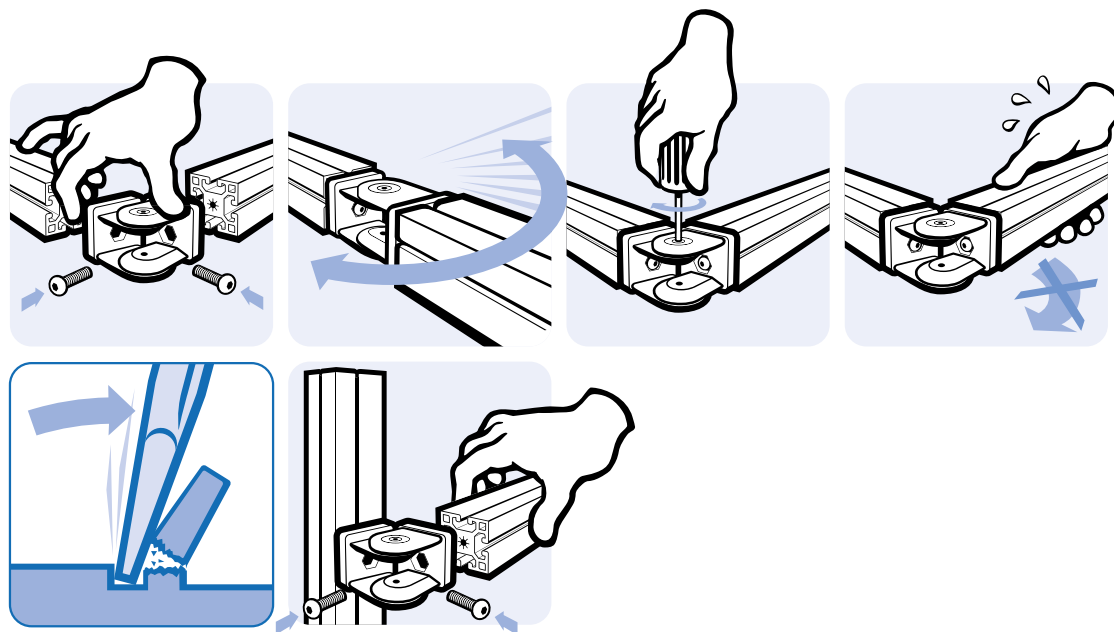
PIVOT JOINT 38 - 1.5"

<b>MODEL</b>	With adjustable friction, zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; fixed locating pins for slot 8 optional; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



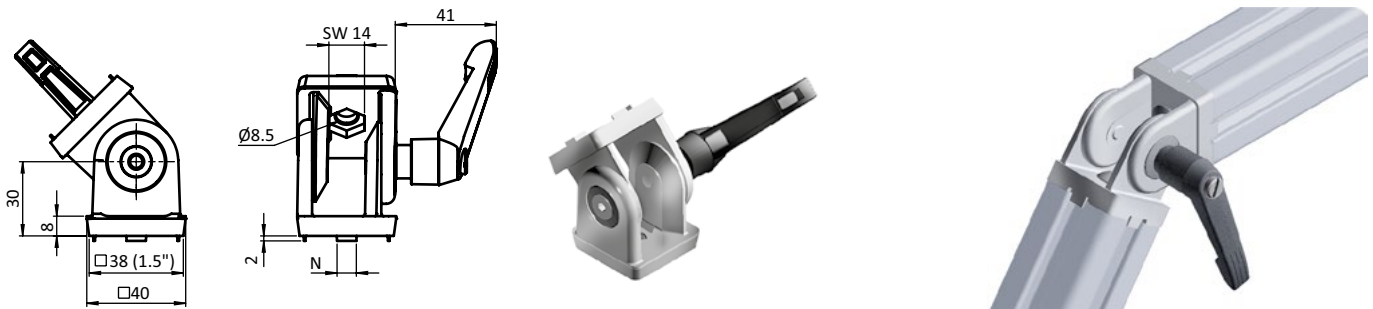
Opening Angle	N	Weight [g]	Part #
190°		321.0	093G38A
190°	8	321.0	093G38AN08

4

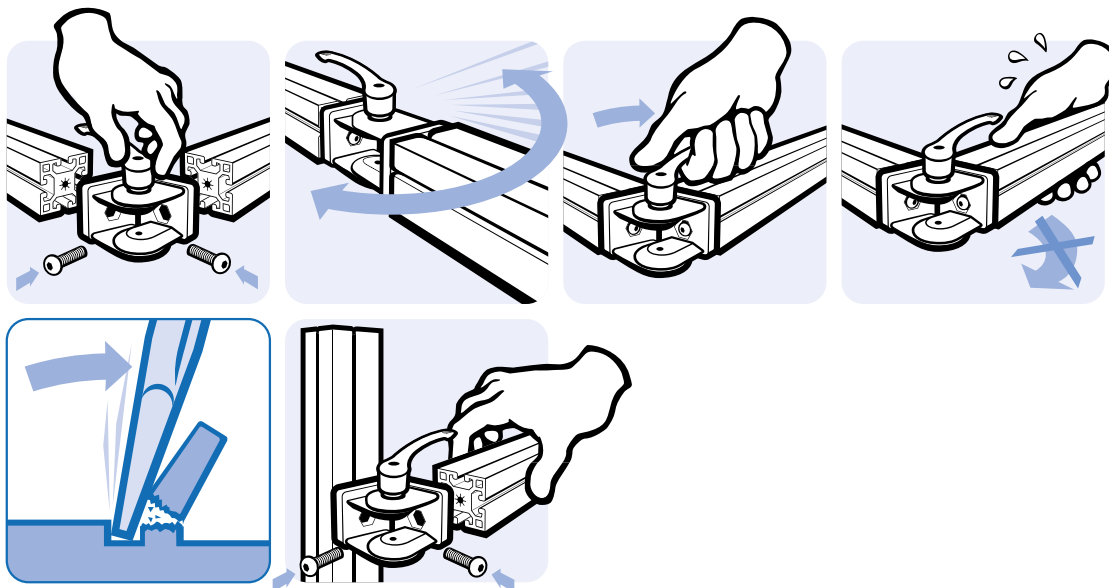


**PIVOT JOINT 38 - 1.5" WITH LOCKING LEVER**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between 2 profiles or panels which can be fixed at any angle; fixed locating pins for slot 8 optional; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Zinc die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

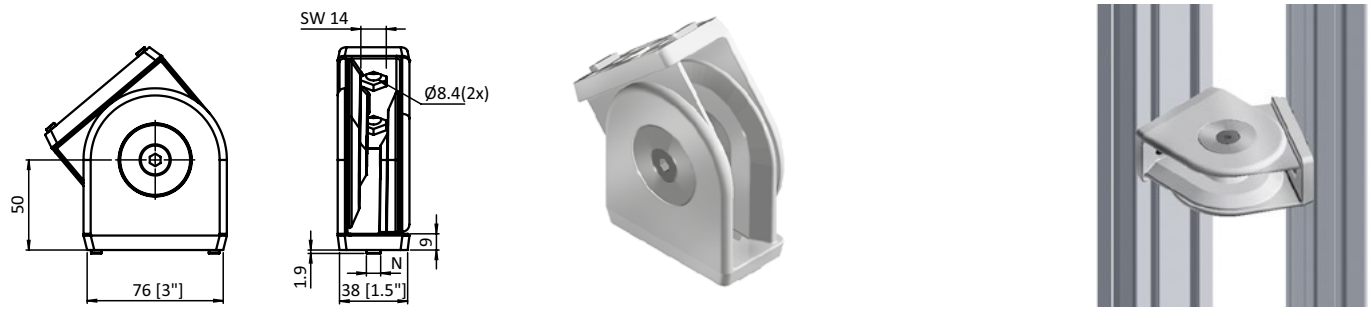


Opening Angle	N	Weight [g]	Part #
190°		365.1	<b>093GF38A</b>
190°	8	365.1	<b>093GF38AN08</b>



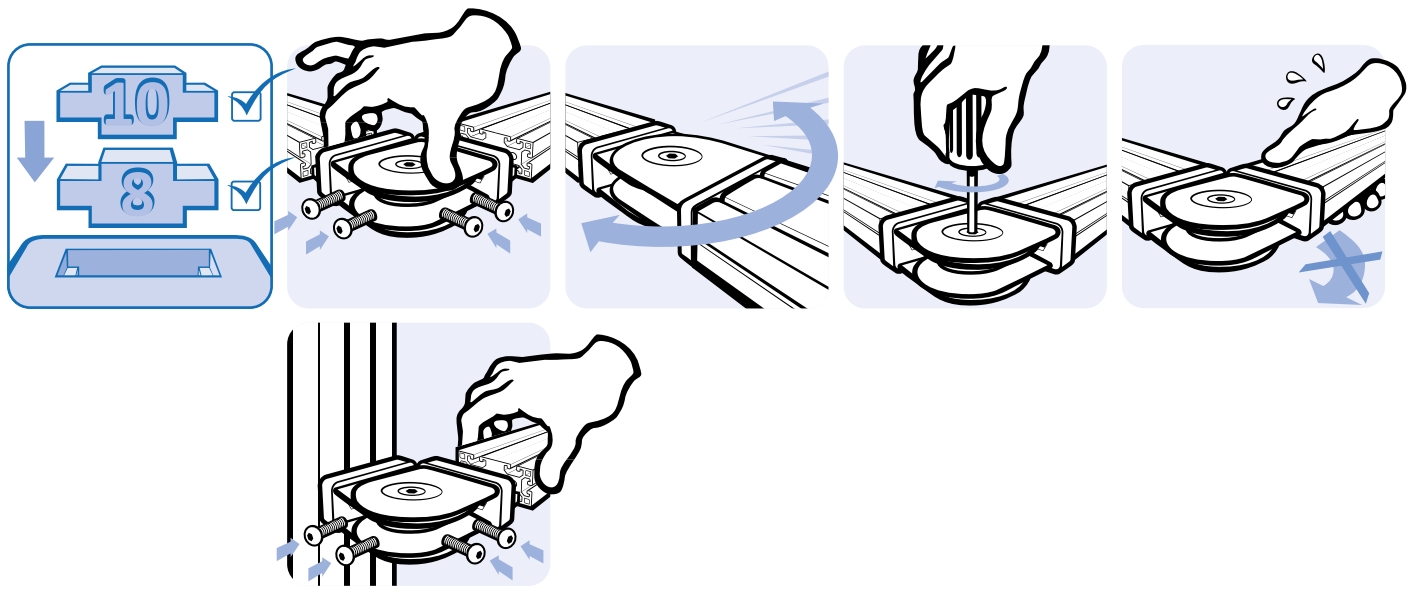
**PIVOT JOINT 38 X 76 - 1.5" X 3"**

<b>MODEL</b>	With adjustable friction, zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; with separate locating pins for slot 8 and 10; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



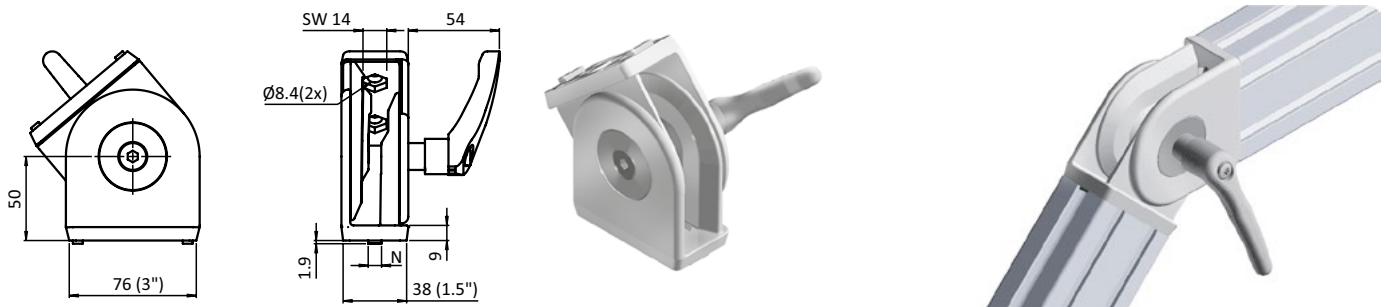
Opening Angle	N	Weight [g]	Part #
184°	- / 8 / 10	947.0	<b>093G3876AN</b>

4

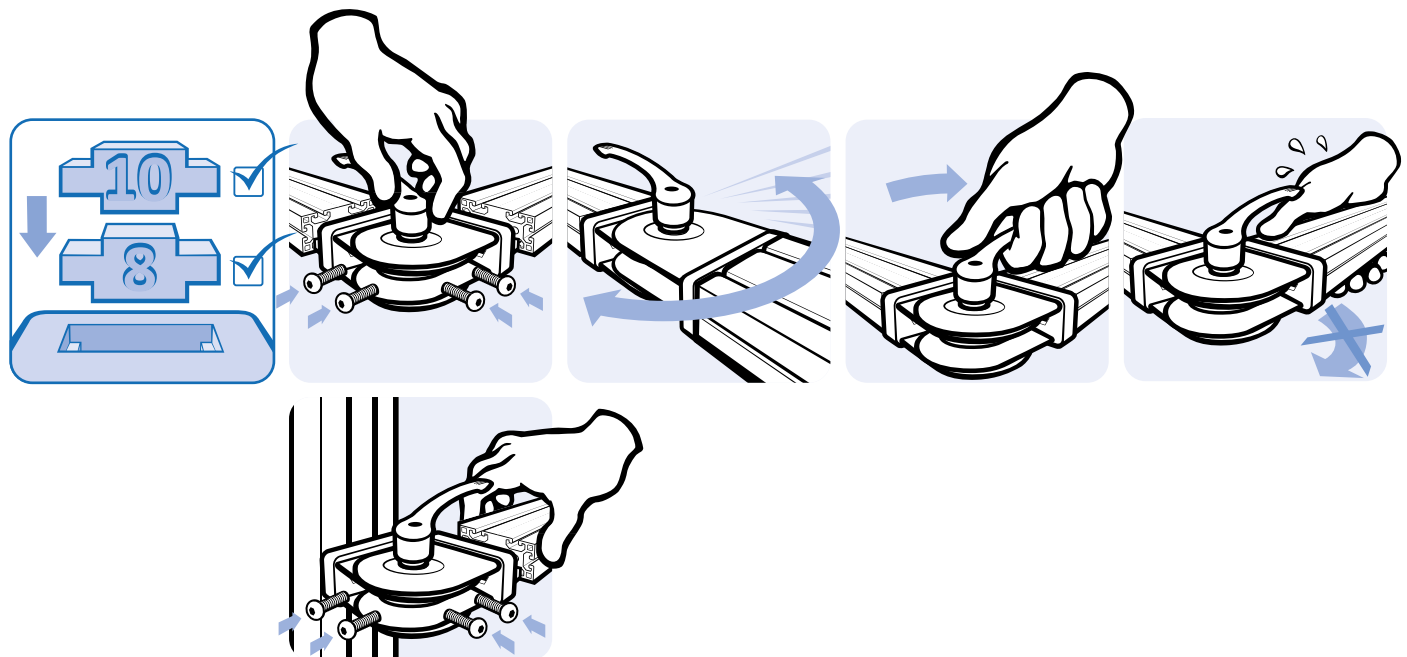


**PIVOT JOINT 38 X 76 - 1.5" X 3" WITH LOCKING LEVER**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels which can be fixed at any angle; with separate locating pins for slot 8 and 10; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Zinc die-cast KIPP-locking lever: Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

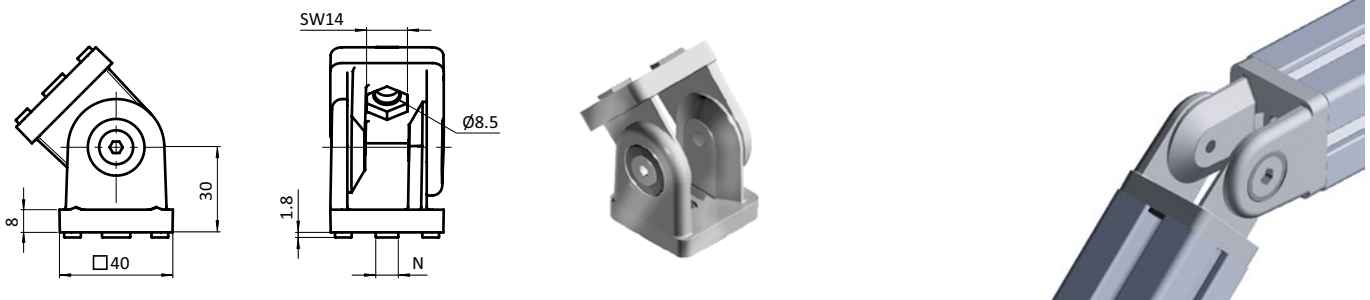


Opening Angle	N	Weight [g]	Part #
184°	- / 8 / 10	970.0	<a href="#">093GF3876AN</a>



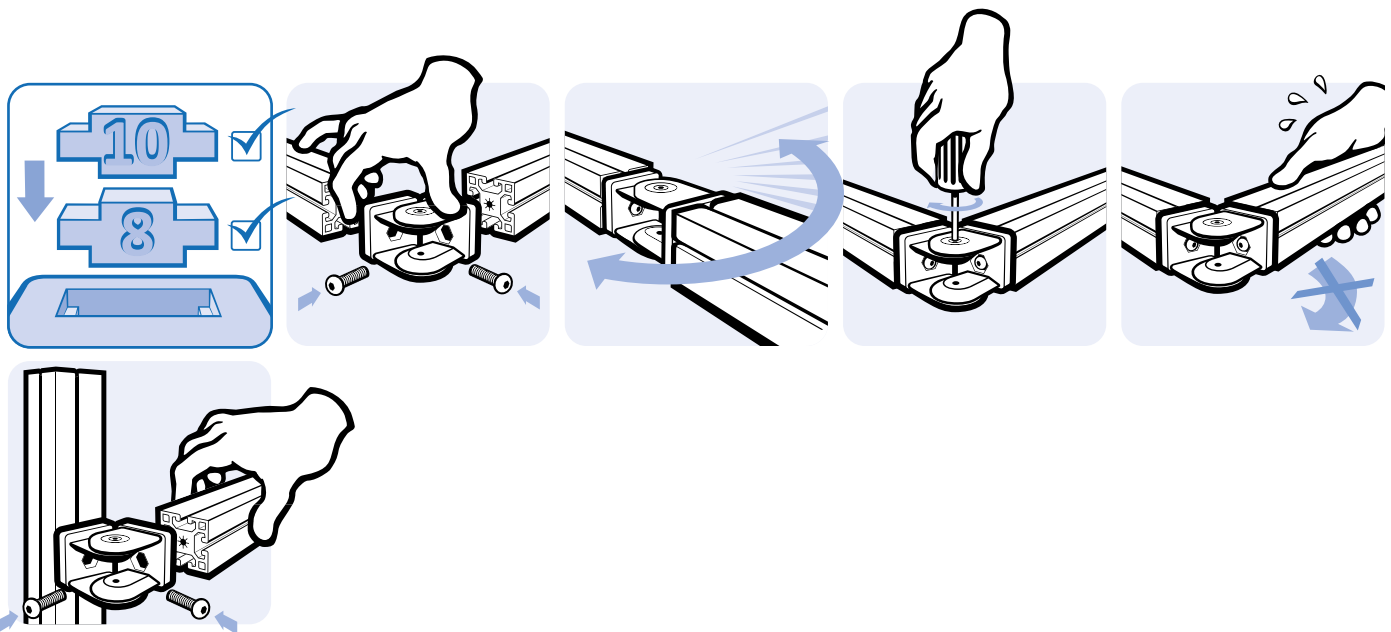
**PIVOT JOINT 40**

<b>MODEL</b>	With adjustable friction, zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; with separate locating pins for slot 8 and 10; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Cutting bush for the reduction of the $\varnothing$ 10.2 mm core hole to thread size M8 see 09308801



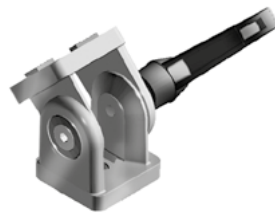
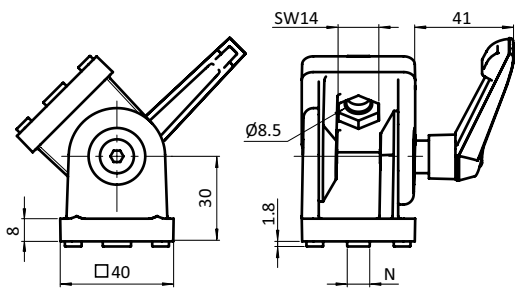
4

Opening Angle	N	Weight [g]	Part #
192°	- / 8 / 10	305.0	093G40AN

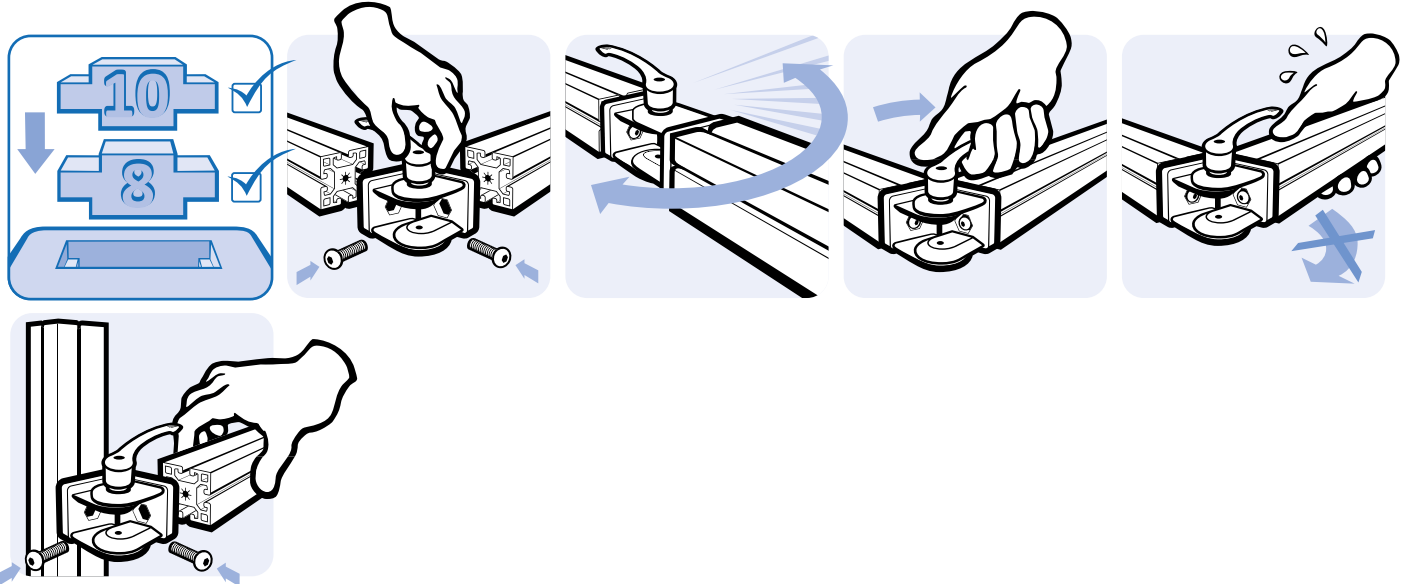


**PIVOT JOINT 40 WITH LOCKING LEVER**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels which can be fixed at any angle; with separate locating pins for slot 8 and 10; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Zinc die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Cutting bush for the reduction of the $\varnothing$ 10.2 mm core hole to thread size M8 see 09308801



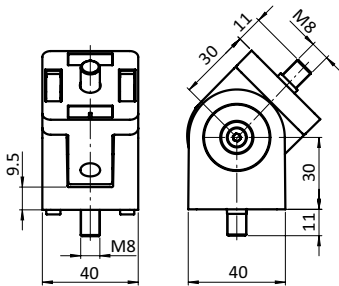
Opening Angle	N	Weight [g]	Part #
192°	- / 8 / 10	338.0	<b>093GF40AN</b>





**PIVOT JOINT B 40**

<b>MODEL</b>	V_Bearing block, with ball bearings, aluminum die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles, with separate locating pins for slot 8 and slot 10
<b>MATERIAL</b>	Pivot bearing: Aluminum die-cast Bearing shims: Steel Ball bearings: Steel Screws: Steel Cover cap: Plastic PA
<b>SURFACE</b>	Pivot bearing: Powder coated, Bearing shims: Zinc plated Ball bearings: Zinc plated Screws: Zinc plated
<b>COLOR</b>	Pivot bearing: White aluminum ≈ RAL 9006 Cover cap: Gray ≈ RAL 7042
<b>SET</b>	1 pivot bearing 4 locating pins slot 8 / slot 10 2 screws M8 (pre-assembled)
<b>PACK QUANTITY</b>	10 pieces

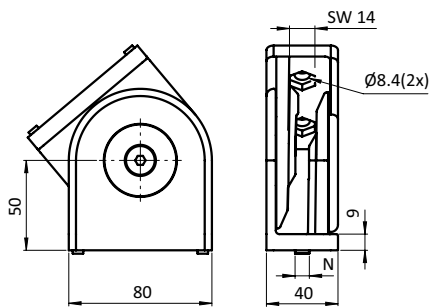


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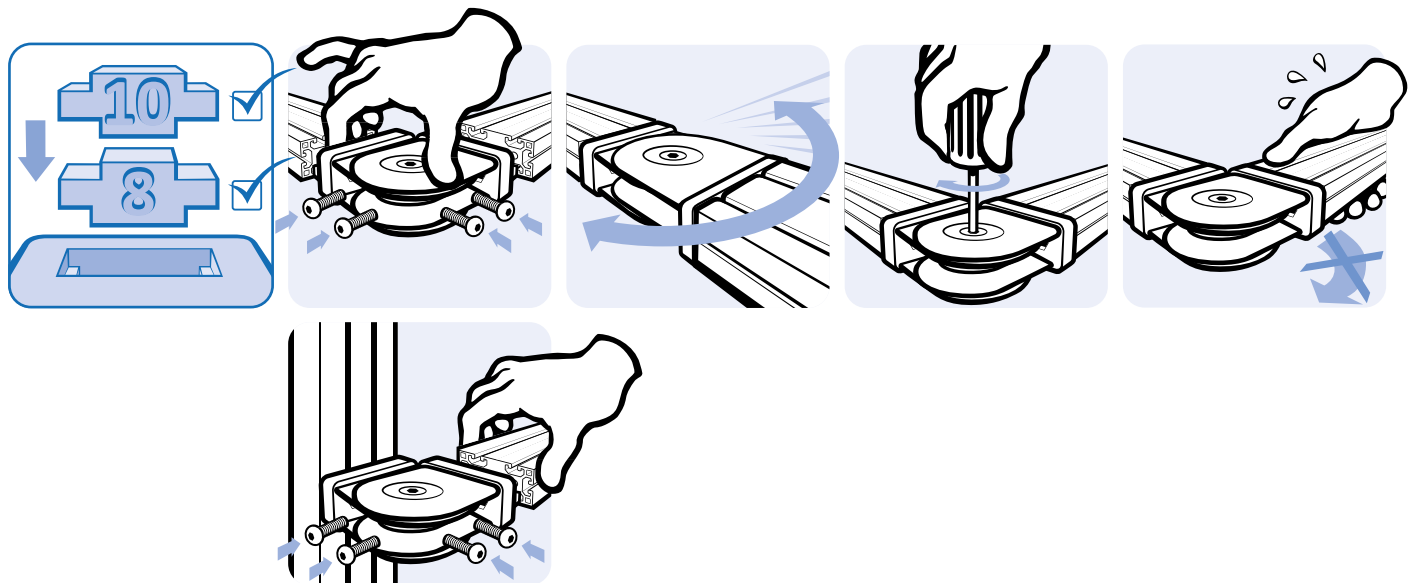
Slot	Opening Angle	Weight [g]	Part #
- / 8 / 10	180°	267.5	<b>093GBA40</b>

**PIVOT JOINT 40 X 80**

<b>MODEL</b>	With adjustable friction, aluminum die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; with separate locating pins for slot 8 and 10; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Cutting bush for the reduction of the $\varnothing$ 10.2 mm core hole to thread size M8 see 09308801

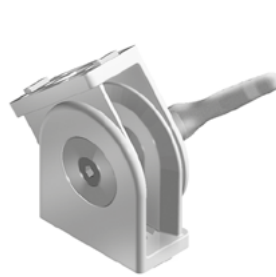
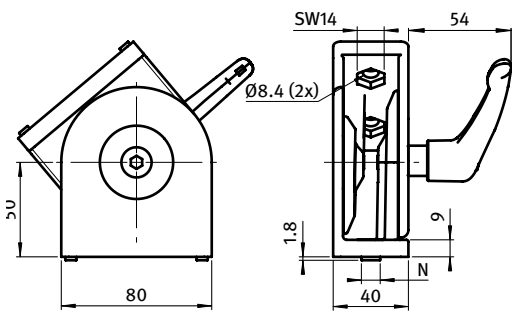


Opening angle	N	Weight [g]	Part #
184°	- / 8 / 10	500.2	<b>093GA4080AN</b>



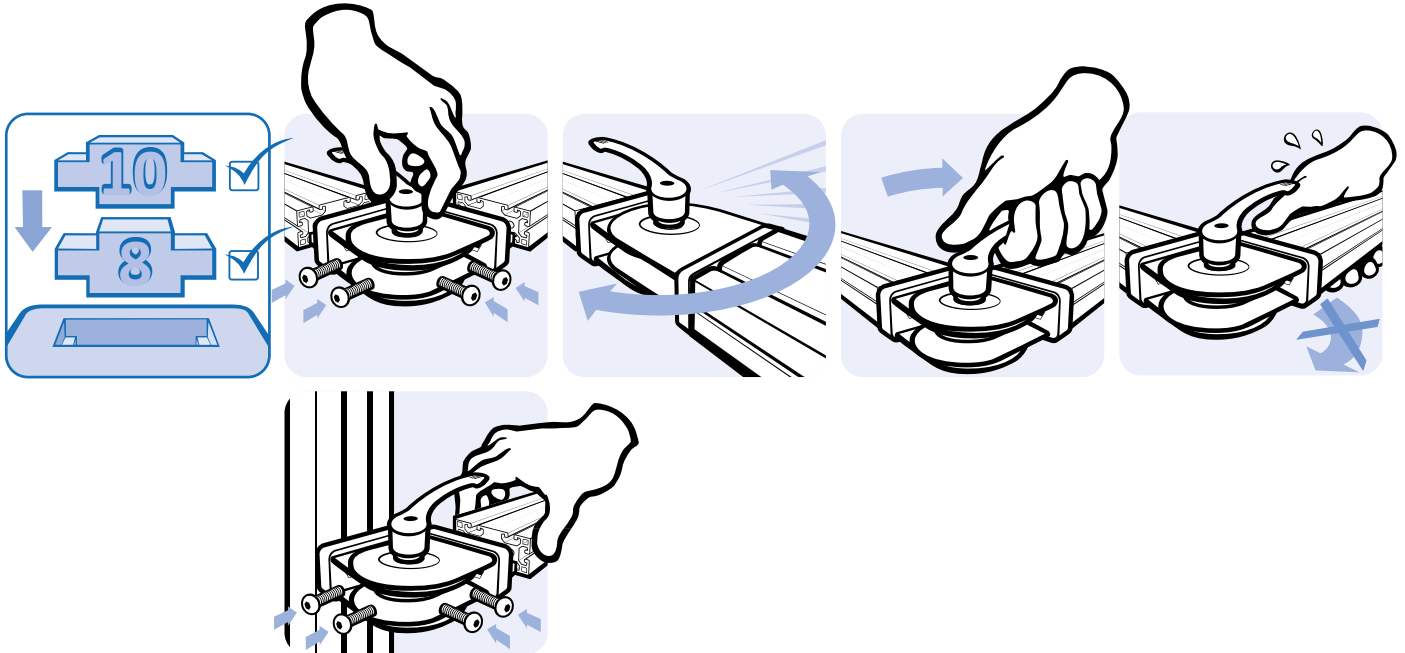
**PIVOT JOINT 40 X 80 WITH LOCKING LEVER**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels which can be fixed at any angle; with separate locating pins for slot 8 and 10; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Aluminum die-cast KIPP-locking lever: Zinc die-cast
<b>SURFACE</b>	Joint: Powder coated KIPP-locking lever: silver metallic plastic coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Cutting bush for the reduction of the $\varnothing$ 10.2 mm core hole to thread size M8 see 09308801



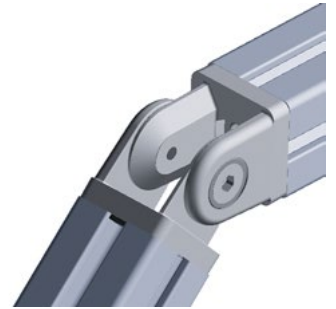
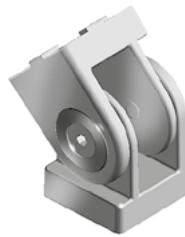
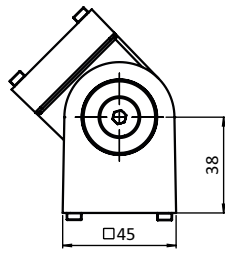
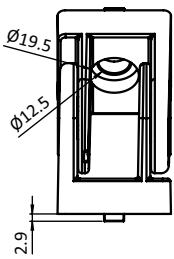
4

Opening Angle	N	Weight [g]	Part #
184°	- / 8 / 10	542.1	<b>093GAF4080AN</b>

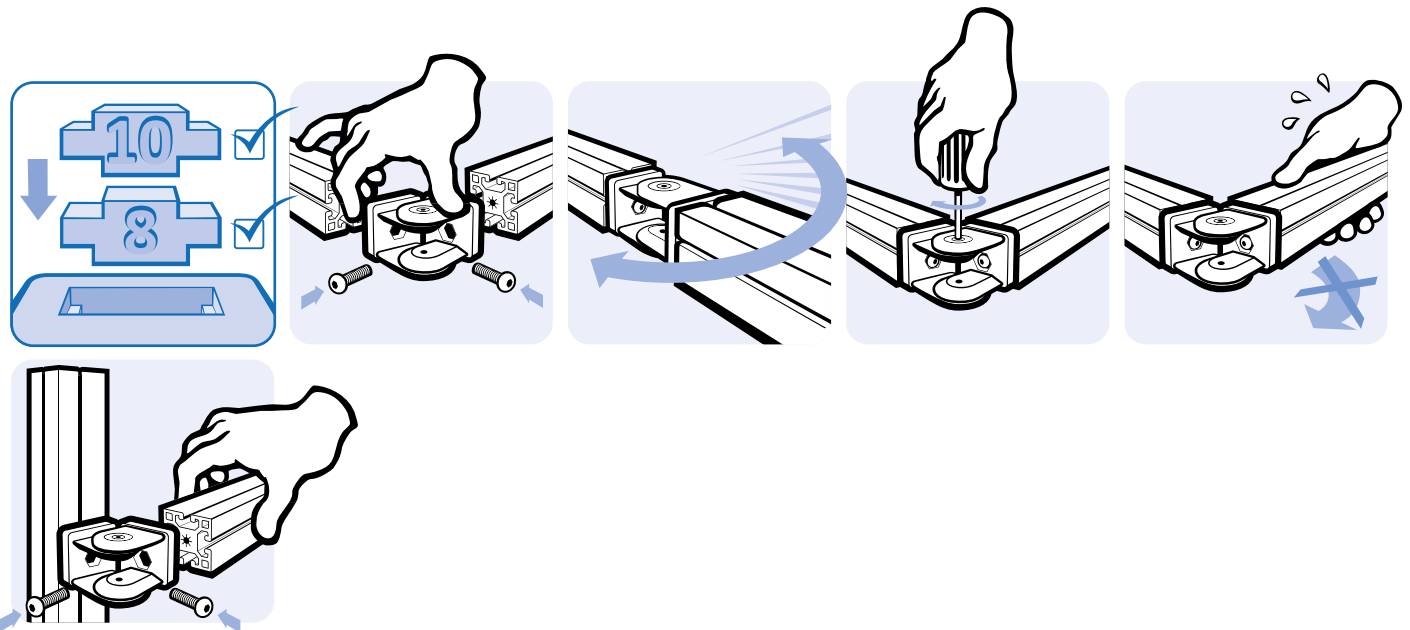


**PIVOT JOINT 45**

<b>MODEL</b>	With adjustable friction, aluminum die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; with separate locating pins for slot 8 and 10; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces



Opening Angle	N	Weight [g]	Part #
190°	- / 8 / 10	264.0	<a href="#">093GA45AN</a>



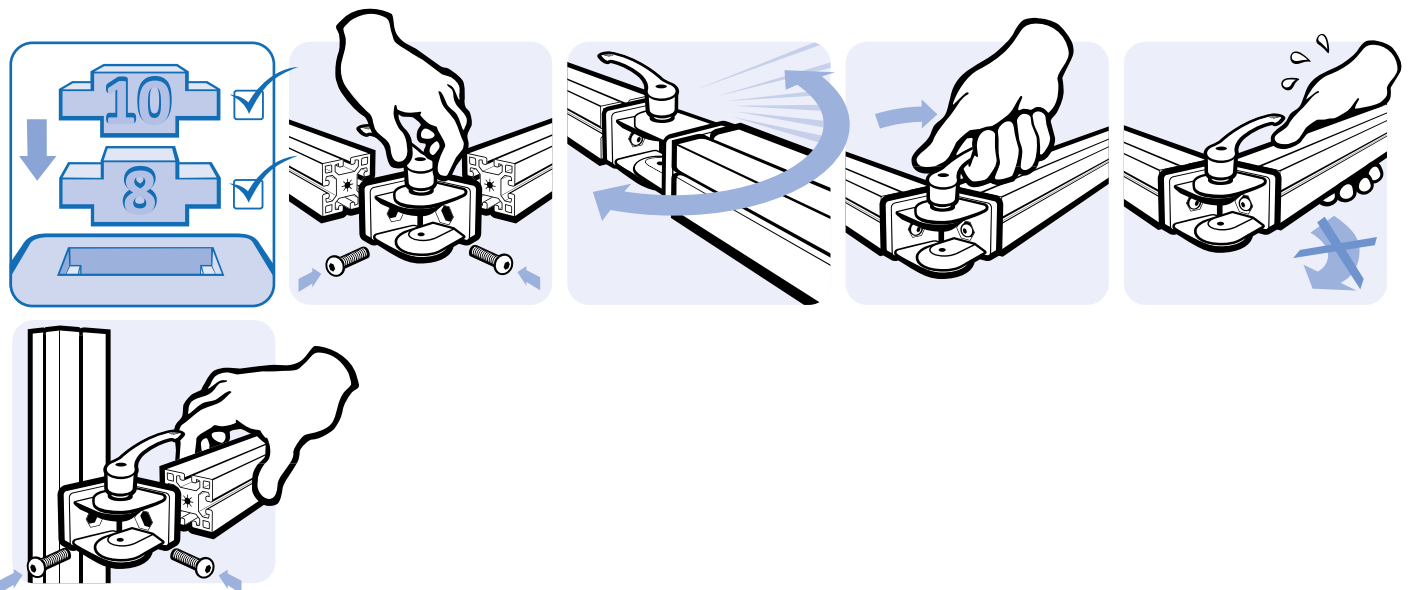
**PIVOT JOINT 45 WITH LOCKING LEVER**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels which can be fixed at any angle; with separate locating pins for slot 8 and 10; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Aluminum die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces



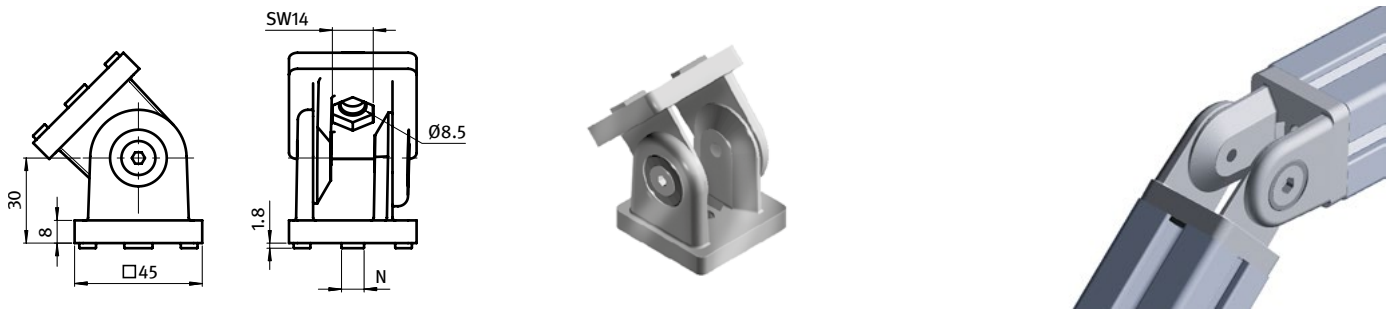
Opening Angle	N	Weight [g]	Part #
190°	- / 8 / 10	289.0	<b>093GAF45AN</b>

4

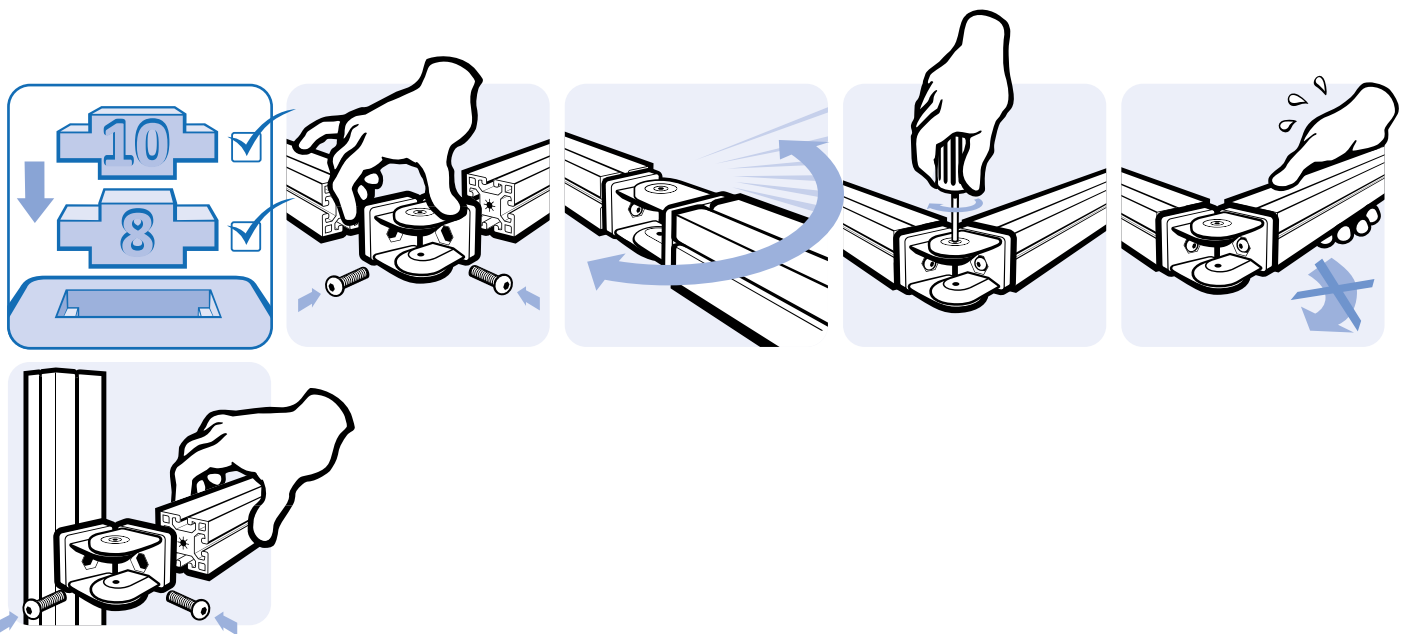


**PIVOT JOINT ZN 45**

<b>MODEL</b>	With adjustable friction, zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; with separate locating pins for slot 8 and 10; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Cutting bush for the reduction of the $\varnothing$ 10.2 mm core hole to thread size M8 see 09308801

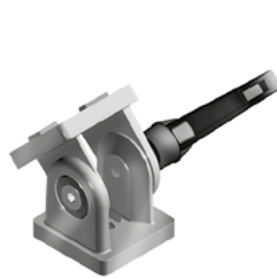
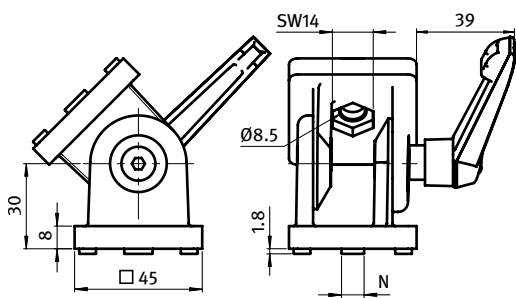


Opening Angle	N	Weight [g]	Part #
178°	- / 8 / 10	339.0	<b>093G45AN</b>



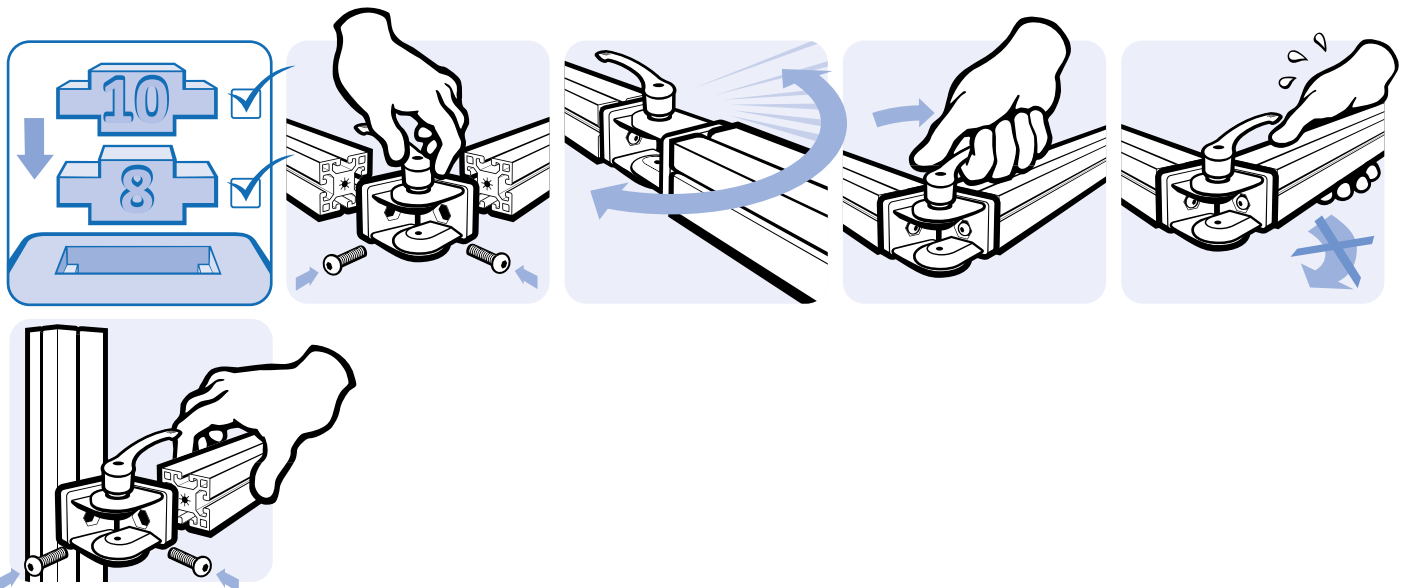
**PIVOT JOINT ZN 45 WITH LOCKING LEVER**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels which can be fixed at any angle; with separate locating pins for slot 8 and 10; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Zinc die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Cutting bush for the reduction of the $\varnothing$ 10.2 mm core hole to thread size M8 see 09308801



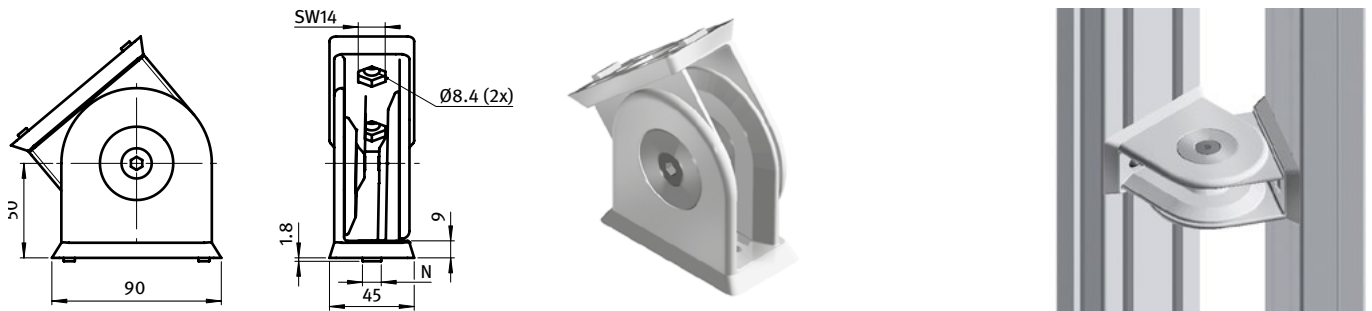
4

Opening Angle	N	Weight [g]	Part #
178°	- / 8 / 10	387.0	093GF45AN

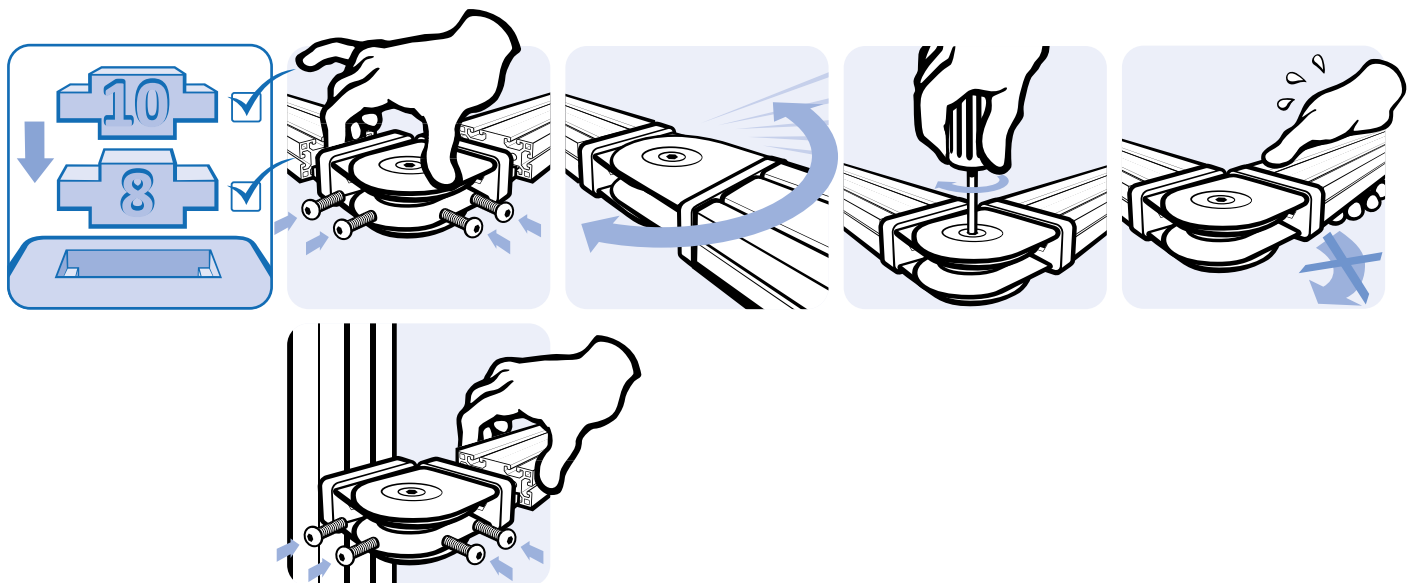


**PIVOT JOINT 45 X 90**

<b>MODEL</b>	With adjustable friction, aluminum die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels; with separate locating pins for slot 8 and 10; by tightening or loosening the screws you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Cutting bush for the reduction of the $\varnothing$ 10.2 mm core hole to thread size M8 see 09308801



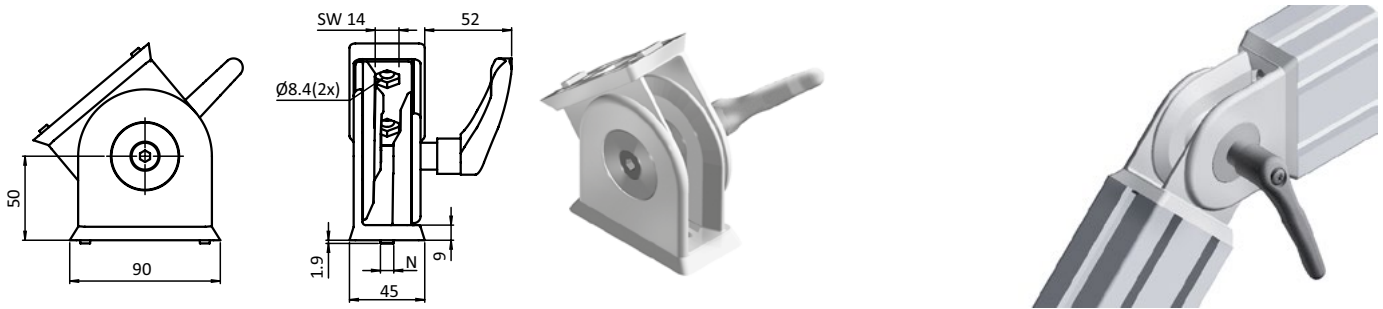
Opening angle	N	Weight [g]	Part #
184°	- / 8 / 10	504.5	<b>093GA4590AN</b>



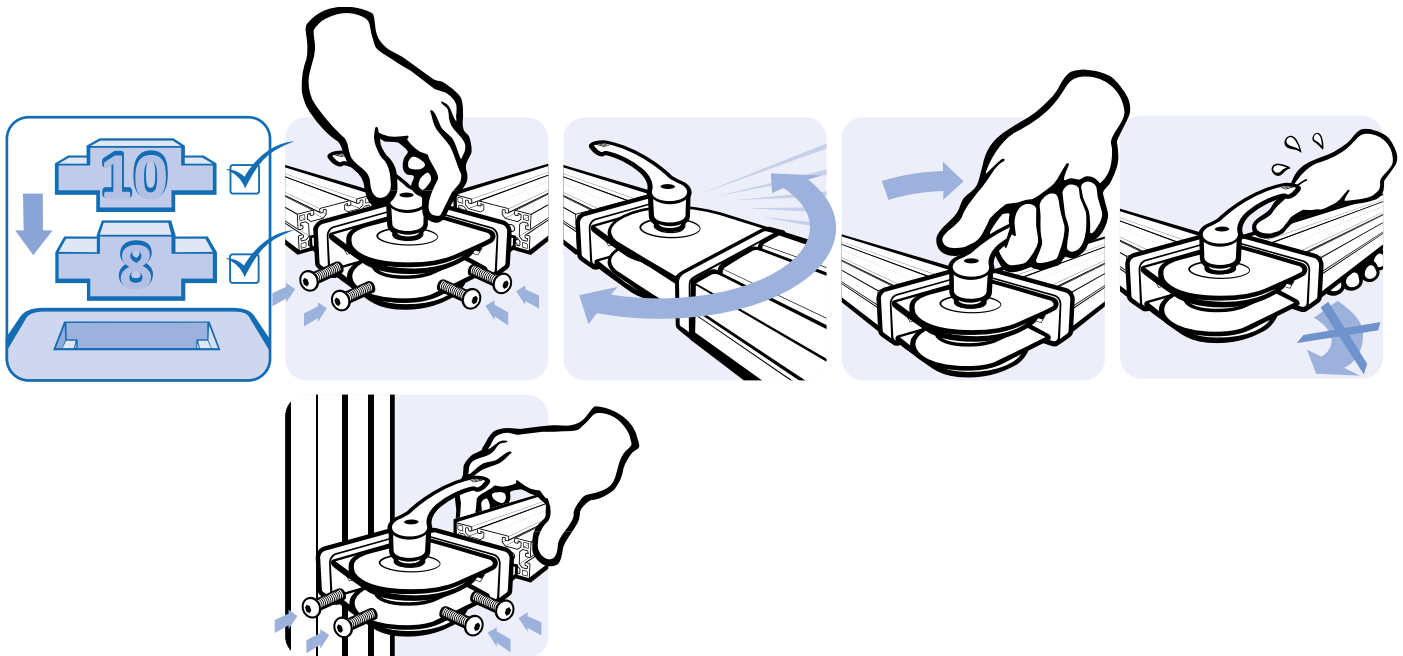


**PIVOT JOINT 45 X 90 WITH LOCKING LEVER**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles or panels which can be fixed at any angle; with separate locating pins for slot 8 and 10; by tightening or loosening the screws and the KIPP-locking lever you can seamlessly regulate the functionality of the joint or you can fix it in one position
<b>MATERIAL</b>	Joint: Aluminum die-cast KIPP-locking lever: Zinc die-cast
<b>SURFACE</b>	Joint: Powder coated KIPP-locking lever: silver metallic plastic coated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Cutting bush for the reduction of the $\varnothing$ 10.2 mm core hole to thread size M8 see 09308801

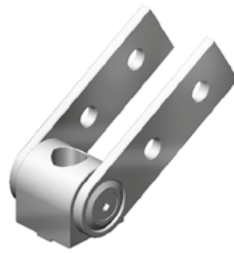
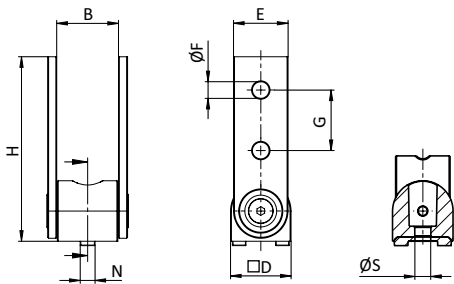


Opening Angle	N	Weight [g]	Part #
184°	- / 8 / 10	500.0	<b>093GAF4590AN</b>



**PIVOT JOINT 180°, 1 SLOT**

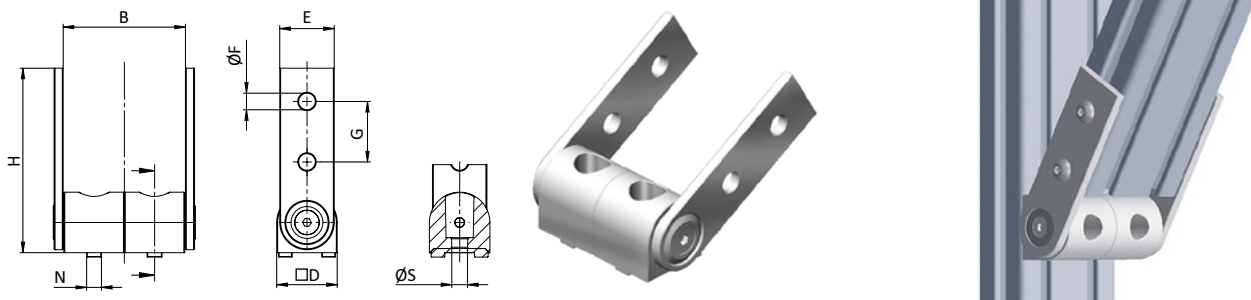
<b>MODEL</b>	Aluminum die-cast, plastic, zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles, with separate locating pins
<b>MATERIAL</b>	Joint: Aluminum die-cast Centering piece 5/6 and 6/8: Plastic PA Centering piece 8/10: Zinc die-cast
<b>SURFACE</b>	Joint: Powder coated Centering piece: Plain
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



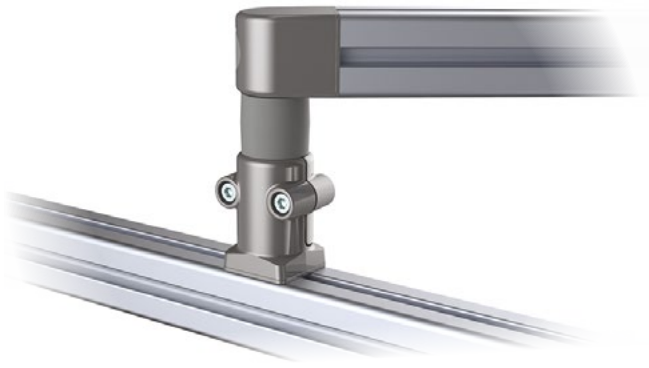
D [mm]	B [mm]	H [mm]	for Profile	ØF [mm]	ØS [mm]	E [mm]	G [mm]	N	Weight [g]	Part #
20.0	20.4	61.0	20	5.5	5.2	18.0	20.0	5 / 6	32.0	093GV20
30.0	30.4	86.0	30	6.5	6.4	28.0	30.0	6 / 8	92.2	093GV30
40.0	40.6	121.5	40	8.5	8.5	37.0	40.0	8 / 10	255.0	093GV40
45.0	45.6	141.5	45	8.5	8.5	42.0	45.0	8 / 10	363.0	093GV45

**PIVOT JOINT 180°, 2 SLOTS**

<b>MODEL</b>	Aluminum die-cast, plastic, zinc die-cast
<b>DESCRIPTION</b>	To make a pivoting connection between two profiles, with separate locating pins
<b>MATERIAL</b>	Joint: Aluminum die-cast Centering piece 5/6 and 6/8: Plastic PA Centering piece 8/10: Zinc die-cast
<b>SURFACE</b>	Joint: Powder coated Centering piece: Plain
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



D [mm]	B [mm]	H [mm]	for Profile	ØF [mm]	ØS [mm]	E [mm]	G [mm]	N	Weight [g]	Part #
20.0	40.4	61.0	20	5.5	5.2	18.0	20.0	5 / 6	45.0	093GV2040
30.0	60.4	86.0	30	6.5	6.4	28.0	30.0	6 / 8	129.0	093GV3060
40.0	80.6	121.5	40	8.5	8.5	37.0	40.0	8 / 10	358.0	093GV4080
45.0	90.6	141.5	45	8.5	8.5	42.0	45.0	8 / 10	524.0	093GV4590



# FATH

## FRICION JOINTS FOR SYSTEM ARMS (SET)

**FATH Friction Joints:**  
Endless possibilities for your assembly workstations



- Fixed friction torque in 6 levels
- Freely adjustable friction torque
- Easy to assemble
- Can be mounted lengthwise, crosswise and on the front
- Finished system arms can be adjust multi-dimensionally

### HIGHLIGHTS

Build your swivel arms in individual lengths and designs with **FATH** Friction Joints. The joints feature a permanently set friction torque that is available in 6 levels. Combine the different friction torques to adapt your system arm to your application. Versions with freely adjustable friction torque are also available. You can adjust the friction with a clamping lever or simple tool exactly as your application requires – virtually continuously from light to strong.

The axes of the **FATH** Friction Joints can be positioned both vertically and horizontally. This opens up a wide range of new possibilities for making tools and work materials available in an ergonomic and organized manner.

By a simple turning, the finished system arm can be adapted multi-dimensionally to different working positions and workpiece, product or body sizes.

**FIXED & FREE  
ADJUSTABLE  
FRICION-  
TORQUES**



### Flexible installation

**FATH** Friction Joints can be attached to the profile lengthwise, crosswise or on the front. The sets already contain the installation material for lateral attachment with T-slot nuts in profile slot 8 or 10 as well as for front attachment on a profile piece with an M8 core hole. To reduce a  $\varnothing$  10.2 mm core hole to thread size M8, you can use a **FATH** Cutting Bush with Shank 09308801.

For installation on flat surfaces, the supplied slot fixing plates are simply omitted.

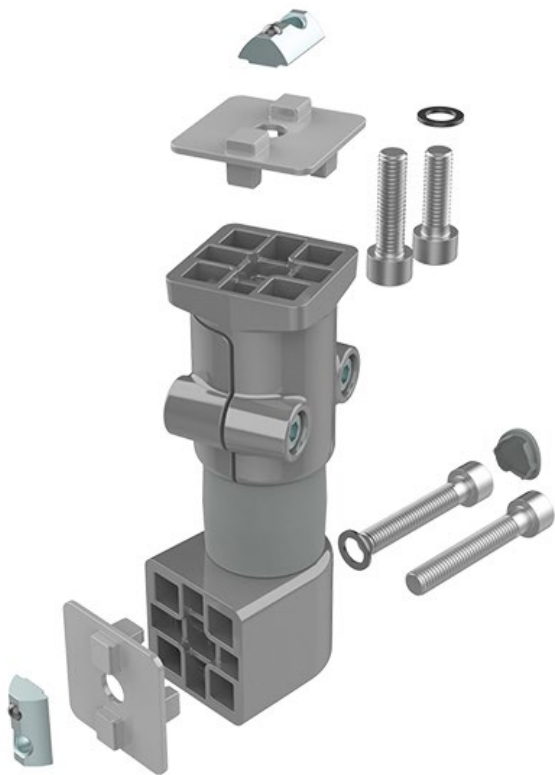
# ERGONOMIC PROVISION

## Easy to install and with different versions to suit your needs

Assembling the **FATH** Friction Joints is incredibly easy. The openings for the fixing screws are easily accessible from the outside – simply insert the screws through the joint halves and tighten the profile in the desired position. The mounting holes of the **FATH** Friction Joints are hidden with cover caps.

## Optional M8 connection adapter

This stable connection to profiles with slot 8 or slot 10 is ideally suited for the construction of customized solutions. The M8 connection adapter can be attached to the profile both longitudinally and on the front. When using the centering piece, the central M8 screw connection can be secured against twisting. A friction joint half and an assembly set suitable for the profile size are required to install the M8 connection adapter at the end of your system arm.



## Versions:

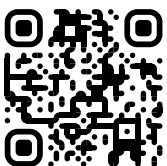
Available in 7 different versions: with a fixed friction torque of...

- 0,5 Nm
- 3 Nm
- 6 Nm
- 9 Nm
- 12 Nm
- 15 Nm

and with freely adjustable friction torque from light to strong.



4

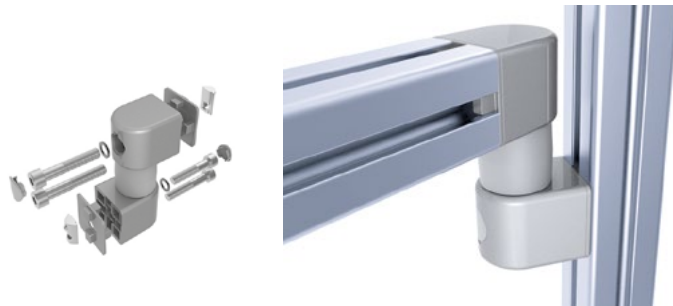
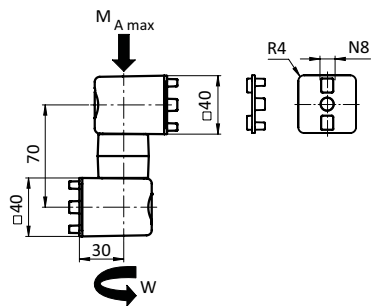


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**FRICITION JOINT I40L FOR SYSTEM ARM (SET)**

<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 2 cover caps 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 2 washers 8-FSt 2 centering plates 2 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 set



	W [Nm]	MAmax [Nm]	B [mm]	R [mm]	N	Weight [g]	Profile	Part #
	0.5	45.0	40	4.0	8	782.0	I	<a href="#">061FGZ40LN08</a>
	3.0	45.0	40	4.0	8	783.0	I	<a href="#">061FGN40LN08</a>
	6.0	45.0	40	4.0	8	785.0	I	<a href="#">061FGS40LN08</a>
	9.0	45.0	40	4.0	8	786.0	I	<a href="#">061FGM40LN08</a>
	12.0	45.0	40	4.0	8	787.0	I	<a href="#">061FGB40LN08</a>
	15.0	45.0	40	4.0	8	789.0	I	<a href="#">061FGL40LN08</a>

**END FRICTION JOINT I40L FOR SYSTEM ARM (SET)**

<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; End side can be attached lateral or transverse on the profile slot, friction axis is positioned at right angles to the profile; Friction joint side can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 end friction joint 1 cover cap, 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 25 (for T-slot nut end side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 30 (for core hole end side), 2 washers 8-FSt, 2 centering plates, 2 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 set

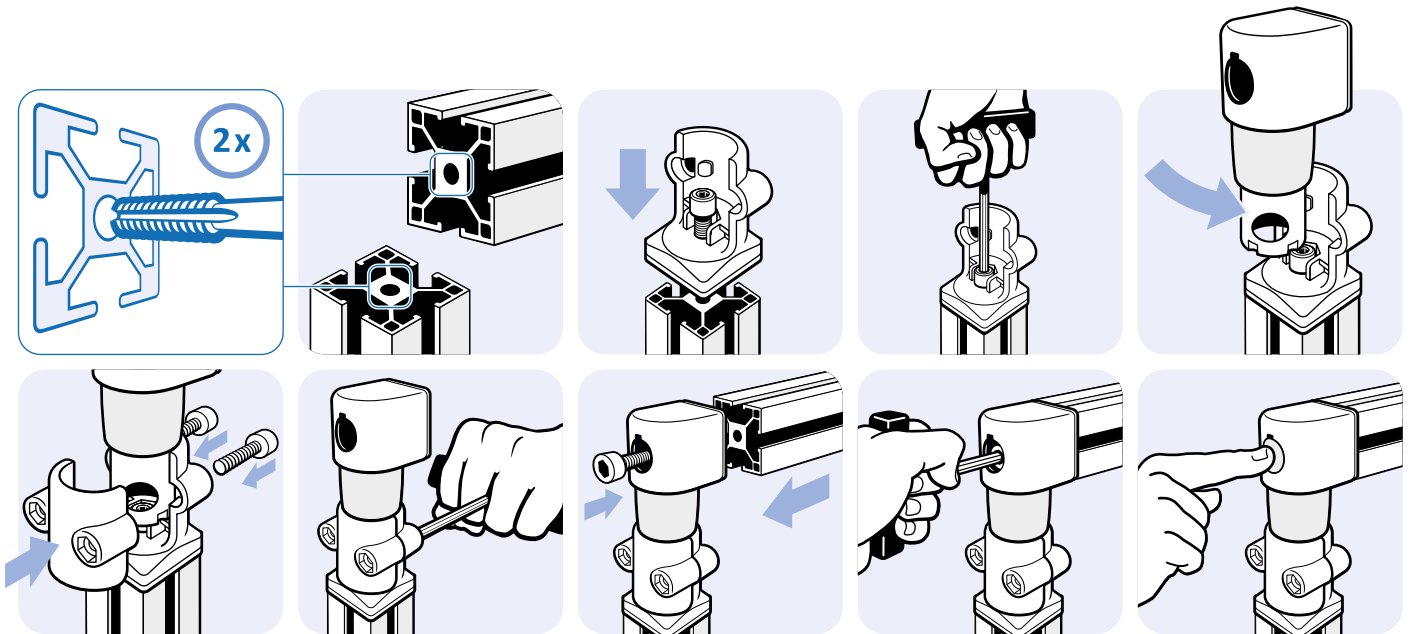
4



W [Nm]	MAMax [Nm]	B [mm]	R [mm]	N	Weight [g]	Profile	Part #
0.5	45.0	40	4.0	8	758.6	I	061FAZ40LN08
3.0	45.0	40	4.0	8	759.6	I	061FAN40LN08
6.0	45.0	40	4.0	8	761.6	I	061FAS40LN08
9.0	45.0	40	4.0	8	762.6	I	061FAM40LN08
12.0	45.0	40	4.0	8	764.6	I	061FAB40LN08
15.0	45.0	40	4.0	8	765.6	I	061FAL40LN08



END FRICTION JOINT I40L FOR SYSTEM ARM (SET)

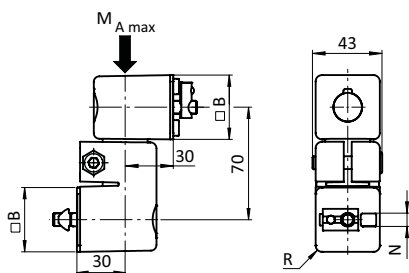




**ADJUSTABLE FRICTION JOINT I40L FOR SYSTEM ARM (SET)**

<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°, friction is continuously adjustable via clamping screw (or optional locking lever); End side can be attached lateral or transverse on the profile slot, friction axis is positioned at right angles to the profile; Friction joint side can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Powder coated Centering plates: Powder coated Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 2 cover caps 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 35 (for clamping) 2 washers 8-FSt 2 centering plates 2 T-slot nuts - slot 10 - M8
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Locking Lever for Adjustable Friction Joint see 041LL065K91M0840MS01

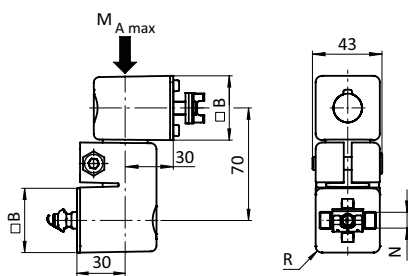
4



M <sub>Amax</sub> [Nm]	B [mm]	R [mm]	N	Weight [g]	Profile	Part #
45.0	40.0	4.0	8	876.3	I	061FFZ40LN08

**ADJUSTABLE FRICTION JOINT B40L FOR SYSTEM ARM (SET)**

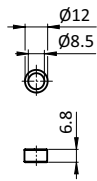
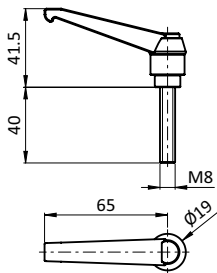
<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°, friction is continuously adjustable via clamping screw (or optional locking lever); End side can be attached lateral or transverse on the profile slot, friction axis is positioned at right angles to the profile; Friction joint side can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Powder coated Centering plates: Powder coated Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 2 cover caps 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 35 (for clamping) 2 washers 8-FSt 2 centering plates 2 T-slot nuts - slot 10 - M8
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Cutting bush for the reduction of the Ø 10.2 mm core hole to thread size M8 see 09308801
<b>TIP 2</b>	Compatible Locking Lever for Adjustable Friction Joint see 041LL065K91M0840MS01



MAMax [Nm]	B [mm]	R [mm]	N	Weight [g]	Profile	Part #
45.0	40.0	3.0	10	879.0	B	061FFZ40LN10

**LOCKING LEVER FOR ADJUSTABLE FRICTION JOINT (SET)**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To adjust the friction without tools
<b>MATERIAL</b>	Locking lever: Plastic PA Bush: Copper
<b>COLOR</b>	Locking lever: Black
<b>ASSEMBLY SET</b>	1 locking lever M8 x 40 1 bush
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Adjustable Friction Joints see 061FFZ40LN08 and 061FFZ40LN10



Weight [g]

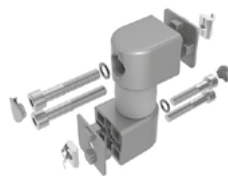
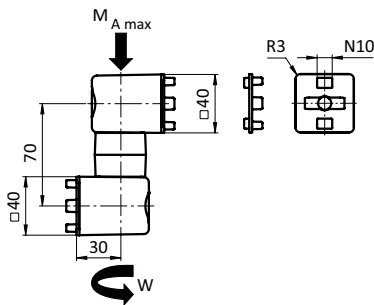
Part #

48.4

041LL065K91M0840MS01

**FRICITION JOINT B40L FOR SYSTEM ARM (SET)**

<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 2 cover caps 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 2 washers 8-FSt 2 centering plates 2 T-slot nuts - slot 10 - M8
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Cutting bush for the reduction of the Ø 10.2 mm core hole to thread size M8 see 09308801



	W [Nm]	MAmax [Nm]	B [mm]	R [mm]	N	Weight [g]	Profile	Part #
	0.5	45.0	40	3.0	10	774.0	B	<a href="#">061FGZ40LN10</a>
	3.0	45.0	40	3.0	10	775.0	B	<a href="#">061FGN40LN10</a>
	6.0	45.0	40	3.0	10	777.0	B	<a href="#">061FGS40LN10</a>
	9.0	45.0	40	3.0	10	778.0	B	<a href="#">061FGM40LN10</a>
	12.0	45.0	40	3.0	10	779.0	B	<a href="#">061FGB40LN10</a>
	15.0	45.0	40	3.0	10	781.0	B	<a href="#">061FGL40LN10</a>

**END FRICTION JOINT B45-B45L FOR SYSTEM ARM (SET)**

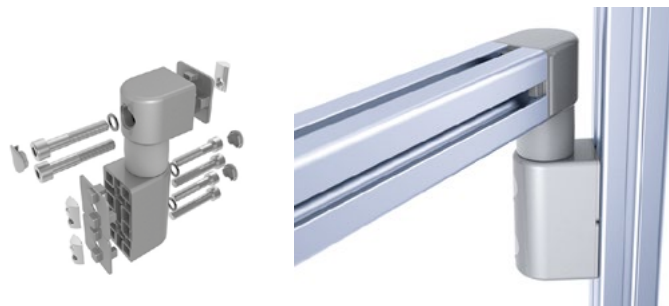
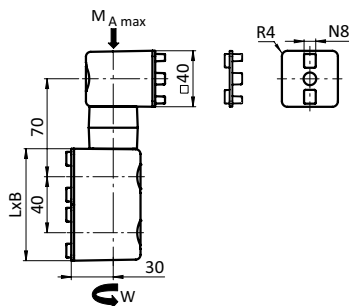
<b>MODEL</b>	45 to 40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; End side can be attached lateral or transverse on the profile slot, friction axis is positioned at right angles to the profile; Friction joint side can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 20 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 end friction joint 1 cover cap, 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 25 (for T-slot nut end side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 30 (for core hole end side), 2 washers 8-FSt, 1 centering plate - slot 10 - 45 x 45, 1 centering plate - slot 10 - 40 x 40, 2 T-slot nuts - slot 10 - M8
<b>PACK QUANTITY</b>	1 set



W [Nm]	MAmax [Nm]	R [mm]	B1 [mm]	B2 [mm]	N	Weight [g]	Profile	Part #
0.5	45.0	3.0	45	40	10	761.2	B	<a href="#">061FAZ4540LN10</a>
3.0	45.0	3.0	45	40	10	771.7	B	<a href="#">061FAN4540LN10</a>
6.0	45.0	3.0	45	40	10	773.2	B	<a href="#">061FAS4540LN10</a>
9.0	45.0	3.0	45	40	10	774.6	B	<a href="#">061FAM4540LN10</a>
12.0	45.0	3.0	45	40	10	776.1	B	<a href="#">061FAB4540LN10</a>
15.0	45.0	3.0	45	40	10	777.6	B	<a href="#">061FAL4540LN10</a>

**FRICITION JOINT I80L FOR SYSTEM ARM (SET)**

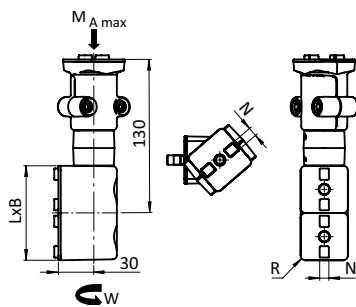
<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 3 cover caps 3 screws DIN 912 - M8 x 45 (for T-slot nut) 3 screws DIN 912 - M8 x 50 (for core hole) 3 washers 8-FSt 3 centering plates 3 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 set



W [Nm]	MAMax [Nm]	B [mm]	R [mm]	L x B [mm]	N	Weight [g]	Profile	Part #
0.5	75.0	40	4.0	80 x 40	8	1073.0	I	<a href="#">061FGZ80LN08</a>
3.0	75.0	40	4.0	80 x 40	8	1075.0	I	<a href="#">061FGN80LN08</a>
6.0	75.0	40	4.0	80 x 40	8	1076.0	I	<a href="#">061FGS80LN08</a>
9.0	75.0	40	4.0	80 x 40	8	1077.0	I	<a href="#">061FGM80LN08</a>
12.0	75.0	40	4.0	80 x 40	8	1079.0	I	<a href="#">061FGB80LN08</a>
15.0	75.0	40	4.0	80 x 40	8	1080.0	I	<a href="#">061FGL80LN08</a>

**END FRICTION JOINT I80L FOR SYSTEM ARM (SET)**

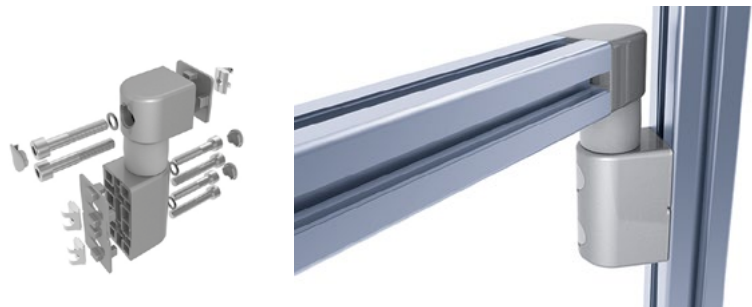
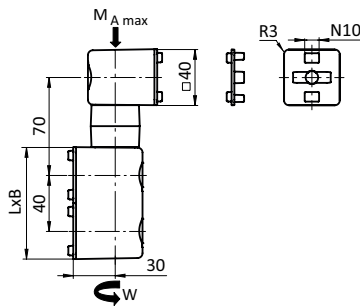
<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; End side can be attached lateral or transverse on the profile slot, friction axis is positioned at right angles to the profile; Friction joint side can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 end friction joint 2 cover caps, 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 25 (for T-slot nut end side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 30 (for core hole end side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 set



	W [Nm]	MAmax [Nm]	R [mm]	L x B [mm]	N	Weight [g]	Profile	Part #
	0.5	70.0	4.0	80 x 40	8	1049.5	I	061FAZ80LN08
	3.0	70.0	4.0	80 x 40	8	1051.5	I	061FAN80LN08
	6.0	70.0	4.0	80 x 40	8	1052.5	I	061FAS80LN08
	9.0	70.0	4.0	80 x 40	8	1054.5	I	061FAM80LN08
	12.0	70.0	4.0	80 x 40	8	1055.5	I	061FAB80LN08
	15.0	70.0	4.0	80 x 40	8	1057.5	I	061FAL80LN08

**FRICITION JOINT B80L FOR SYSTEM ARM (SET)**

<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 3 washers 8-FSt 3 centering plates 3 T-slot nuts - slot 10- M8
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Cutting bush for the reduction of the Ø 10.2 mm core hole to thread size M8 see 09308801



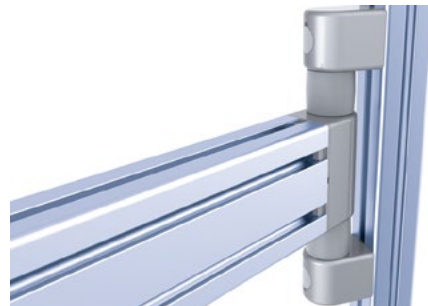
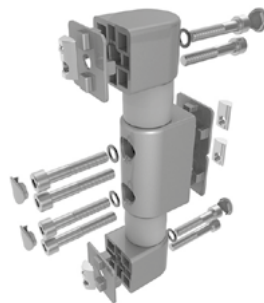
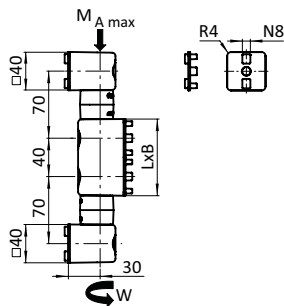
W [Nm]	M <sub>A</sub> max [Nm]	B [mm]	R [mm]	L x B [mm]	N	Weight [g]	Profile	Part #
0.5	70.0	40	3.0	80 x 40	10	1061.0	B	<a href="#">061FGZ80LN10</a>
3.0	70.0	40	3.0	80 x 40	10	1063.0	B	<a href="#">061FGN80LN10</a>
6.0	70.0	40	3.0	80 x 40	10	1064.0	B	<a href="#">061FGS80LN10</a>
9.0	70.0	40	3.0	80 x 40	10	1065.0	B	<a href="#">061FGM80LN10</a>
12.0	70.0	40	3.0	80 x 40	10	1067.0	B	<a href="#">061FGB80LN10</a>
15.0	70.0	40	3.0	80 x 40	10	1068.0	B	<a href="#">061FGL80LN10</a>



**FRICITION JOINT I80H FOR SYSTEM ARM (SET)**

<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 4 cover caps 4 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 4 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 4 washers 8-FSt 4 centering plates 4 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 set

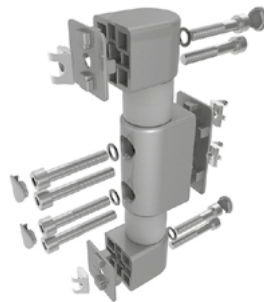
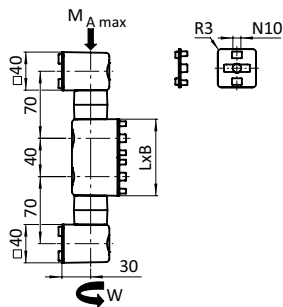
4



W [Nm]	MAmax [Nm]	B [mm]	R [mm]	L x B [mm]	N	Weight [g]	Profile	Part #
2x 0.5	200.0	40	4.0	80 x 40	8	1575.0	I	<a href="#">061FGZ80HN08</a>
2x 3.0	200.0	40	4.0	80 x 40	8	1581.0	I	<a href="#">061FGN80HN08</a>
2x 6.0	200.0	40	4.0	80 x 40	8	1584.0	I	<a href="#">061FGS80HN08</a>
2x 9.0	200.0	40	4.0	80 x 40	8	1587.0	I	<a href="#">061FGM80HN08</a>
2x 12.0	200.0	40	4.0	80 x 40	8	1578.0	I	<a href="#">061FGB80HN08</a>
2x 15.0	200.0	40	4.0	80 x 40	8	1590.0	I	<a href="#">061FGL80HN08</a>

**FRICITION JOINT B80H FOR SYSTEM ARM (SET)**

<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 4 cover caps 4 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 4 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 4 washers 8-FSt 4 centering plates 4 T-slot nuts - slot 10 - M8
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Cutting bush for the reduction of the Ø 10.2 mm core hole to thread size M8 see 09308801

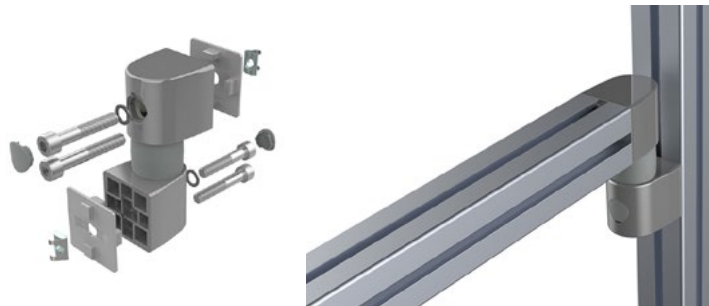
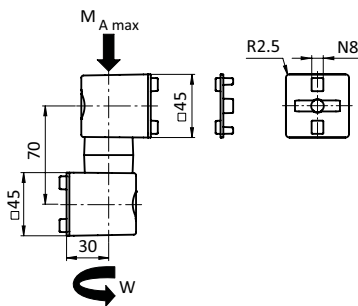


W [Nm]	MAmax [Nm]	B [mm]	R [mm]	L x B [mm]	N	Weight [g]	Profile	Part #
2x 0.5	200.0	40	3.0	80 x 40	10	1562.0	B	<a href="#">061FGZ80HN10</a>
2x 3.0	200.0	40	3.0	80 x 40	10	1565.0	B	<a href="#">061FGN80HN10</a>
2x 6.0	200.0	40	3.0	80 x 40	10	1568.0	B	<a href="#">061FGS80HN10</a>
2x 9.0	200.0	40	3.0	80 x 40	10	1571.0	B	<a href="#">061FGM80HN10</a>
2x 12.0	200.0	40	3.0	80 x 40	10	1574.0	B	<a href="#">061FGB80HN10</a>
2x 15.0	200.0	40	3.0	80 x 40	10	1577.0	B	<a href="#">061FGL80HN10</a>

**FRICITION JOINT M45L FOR SYSTEM ARM (SET)**

<b>MODEL</b>	45 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 2 cover caps 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 2 washers 8-FSt 2 centering plates 2 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 set

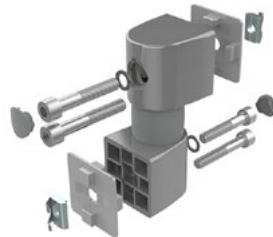
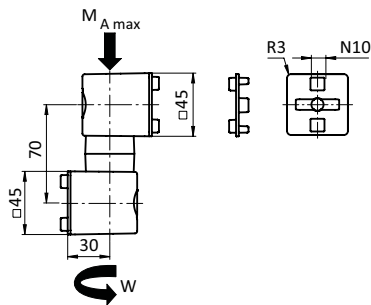
4



	W [Nm]	M <sub>Amax</sub> [Nm]	B [mm]	R [mm]	N	Weight [g]	Part #
	0.5	45.0	45	2.5	8	814.9	<a href="#">061FGZ45LN08</a>
	3.0	45.0	45	2.5	8	816.4	<a href="#">061FGN45LN08</a>
	6.0	45.0	45	2.5	8	817.9	<a href="#">061FGS45LN08</a>
	9.0	45.0	45	2.5	8	819.3	<a href="#">061FGM45LN08</a>
	12.0	45.0	45	2.5	8	820.8	<a href="#">061FGB45LN08</a>
	15.0	45.0	45	2.5	8	822.3	<a href="#">061FGL45LN08</a>

**FRICITION JOINT B45L FOR SYSTEM ARM (SET)**

<b>MODEL</b>	45 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 2 cover caps 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 2 washers 8-FSt 2 centering plates 2 T-slot nuts - slot 10 - M8
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Cutting bush for the reduction of the Ø 10.2 mm core hole to thread size M8 see 09308801

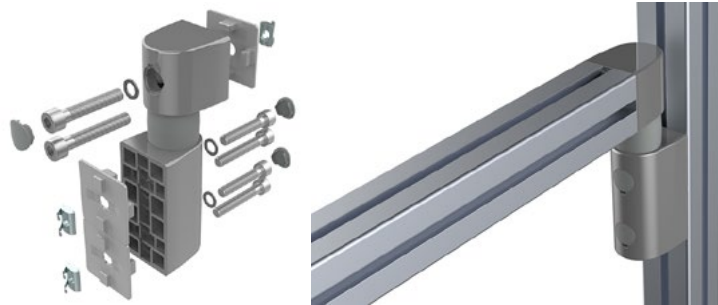
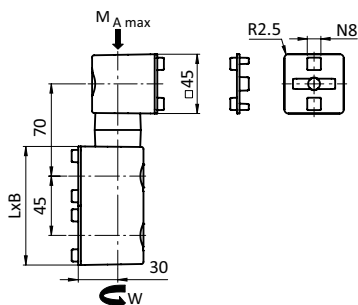


	W [Nm]	MAmax [Nm]	B [mm]	R [mm]	N	Weight [g]	Profile	Part #
	0.5	45.0	45	3.0	10	813.5	B	<a href="#">061FGZ45LN10</a>
	3.0	45.0	45	3.0	10	823.9	B	<a href="#">061FGN45LN10</a>
	6.0	45.0	45	3.0	10	825.4	B	<a href="#">061FGS45LN10</a>
	9.0	45.0	45	3.0	10	826.8	B	<a href="#">061FGM45LN10</a>
	12.0	45.0	45	3.0	10	828.3	B	<a href="#">061FGB45LN10</a>
	15.0	45.0	45	3.0	10	829.8	B	<a href="#">061FGL45LN10</a>

**FRICITION JOINT M90L FOR SYSTEM ARM (SET)**

<b>MODEL</b>	45 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 3 cover caps 3 screws DIN 912 - M8 x 45 (for T-slot nut) 3 screws DIN 912 - M8 x 50 (for core hole) 3 washers 8-FSt 3 centering plates 3 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 set

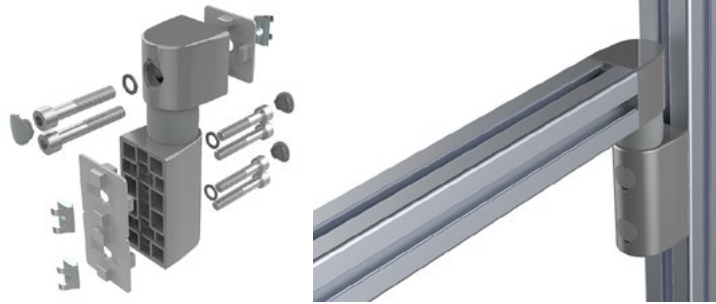
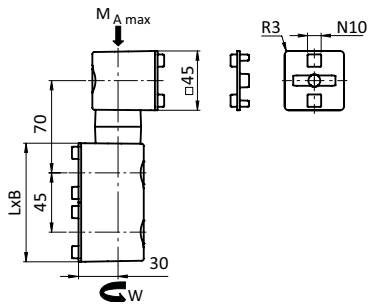
4



	W [Nm]	MAmax [Nm]	B [mm]	R [mm]	L x B [mm]	N	Weight [g]	Part #
	0.5	70.0	45	2.5	90 x 45	8	1145.8	061FGZ90LN08
	3.0	70.0	45	2.5	90 x 45	8	1147.3	061FGN90LN08
	6.0	70.0	45	2.5	90 x 45	8	1148.8	061FGS90LN08
	9.0	70.0	45	2.5	90 x 45	8	1150.2	061FGM90LN08
	12.0	70.0	45	2.5	90 x 45	8	1151.7	061FGB90LN08
	15.0	70.0	45	2.5	90 x 45	8	1153.2	061FGL90LN08

**FRICITION JOINT B90L FOR SYSTEM ARM (SET)**

<b>MODEL</b>	45 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 3 washers 8-FSt 3 centering plates 3 T-slot nuts - slot 10- M8
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Cutting bush for the reduction of the Ø 10.2 mm core hole to thread size M8 see 09308801

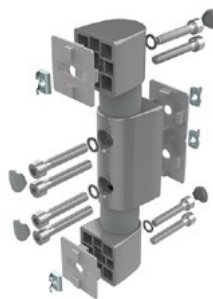
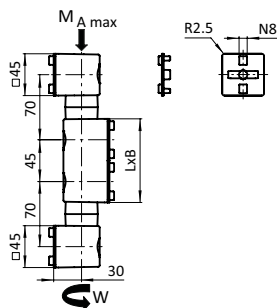


W [Nm]	MAMax [Nm]	B [mm]	R [mm]	L x B [mm]	N	Weight [g]	Profile	Part #
0.5	70.0	45	3.0	90 x 45	10	1156.2	B	<a href="#">061FGZ90LN10</a>
3.0	70.0	45	3.0	90 x 45	10	1157.7	B	<a href="#">061FGN90LN10</a>
6.0	70.0	45	3.0	90 x 45	10	1159.2	B	<a href="#">061FGS90LN10</a>
9.0	70.0	45	3.0	90 x 45	10	1160.6	B	<a href="#">061FGM90LN10</a>
12.0	70.0	45	3.0	90 x 45	10	1162.1	B	<a href="#">061FGB90LN10</a>
15.0	70.0	45	3.0	90 x 45	10	1163.6	B	<a href="#">061FGL90LN10</a>

**FRICITION JOINT M90H FOR SYSTEM ARM (SET)**

<b>MODEL</b>	45 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 4 cover caps 4 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 4 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 4 washers 8-FSt 4 centering plates 4 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 set

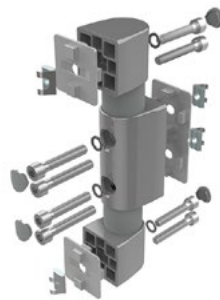
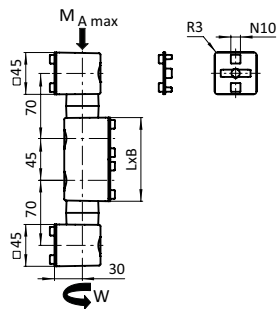
4



W [Nm]	MAMax [Nm]	B [mm]	R [mm]	L x B [mm]	N	Weight [g]	Part #
2x 0.5	200.0	45	2.5	90 x 45	8	1646.6	<a href="#">061FGZ90HN08</a>
2x 3.0	200.0	45	2.5	90 x 45	8	1649.7	<a href="#">061FGN90HN08</a>
2x 6.0	200.0	45	2.5	90 x 45	8	1652.7	<a href="#">061FGS90HN08</a>
2x 9.0	200.0	45	2.5	90 x 45	8	1655.5	<a href="#">061FGM90HN08</a>
2x 12.0	200.0	45	2.5	90 x 45	8	1658.5	<a href="#">061FGB90HN08</a>
2x 15.0	200.0	45	2.5	90 x 45	8	1661.5	<a href="#">061FGL90HN08</a>

**FRICITION JOINT B90H FOR SYSTEM ARM (SET)**

<b>MODEL</b>	45 mm modular dimension
<b>DESCRIPTION</b>	Connection joint with friction for the creation of system arms using profile pieces; pivotable 360°; Friction joint can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Housing: Laquered Centering plates: Laquered Screws: Zinc plated Washers: Zinc plated T-slot nuts: Zinc plated
<b>COLOR</b>	Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>SET</b>	1 friction joint 4 cover caps 4 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 4 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 4 washers 8-FSt 4 centering plates 4 T-slot nuts - slot 10 - M8
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Cutting bush for the reduction of the Ø 10.2 mm core hole to thread size M8 see 09308801

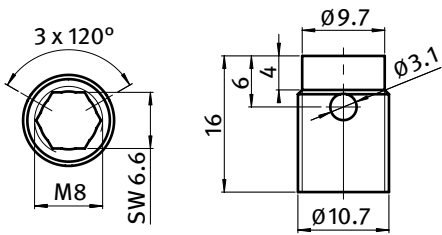


W [Nm]	MAmax [Nm]	B [mm]	R [mm]	L x B [mm]	N	Weight [g]	Profile	Part #
2x 0.5	200.0	45	3.0	90 x 45	10	1660.6	B	<a href="#">061FGZ90HN10</a>
2x 3.0	200.0	45	3.0	90 x 45	10	1663.6	B	<a href="#">061FGN90HN10</a>
2x 6.0	200.0	45	3.0	90 x 45	10	1666.6	B	<a href="#">061FGS90HN10</a>
2x 9.0	200.0	45	3.0	90 x 45	10	1669.4	B	<a href="#">061FGM90HN10</a>
2x 12.0	200.0	45	3.0	90 x 45	10	1672.4	B	<a href="#">061FGB90HN10</a>
2x 15.0	200.0	45	3.0	90 x 45	10	1675.4	B	<a href="#">061FGL90HN10</a>

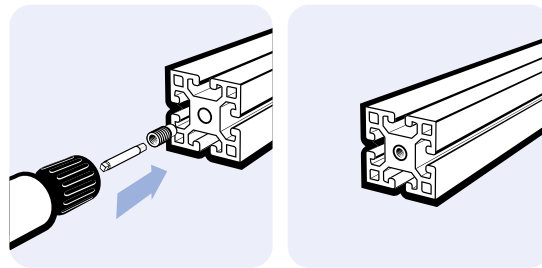


**CUTTING BUSH WITH SHANK**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	For reduction from core hole 10.2 mm to M8 thread
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces

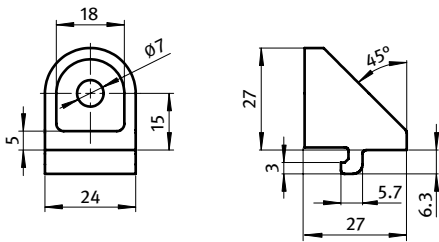


Version	Surface	Material	Weight [g]	Part #
Cutting Bush with Shank	Zinc plated	Steel	3.8	<a href="#">09308801</a>
Tool	Zinc plated	Steel	31.5	<a href="#">09308802</a>

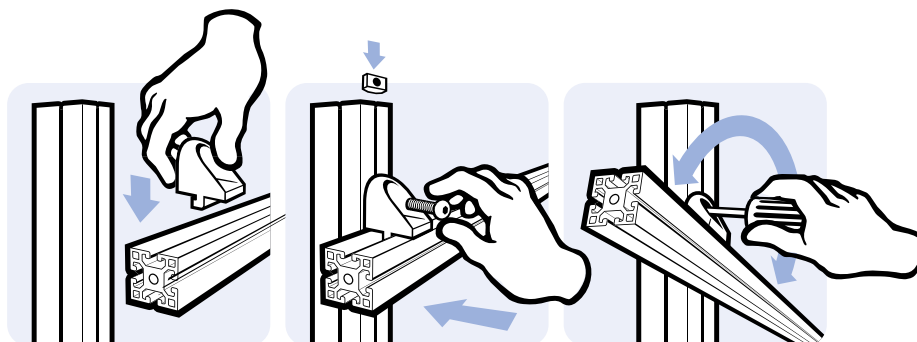


**CLAMPING ANGLE | 30, SLOT 6**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect aluminum profiles easily and with flexibility
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>FASTENING</b>	Using M6 screw
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Other slots on request

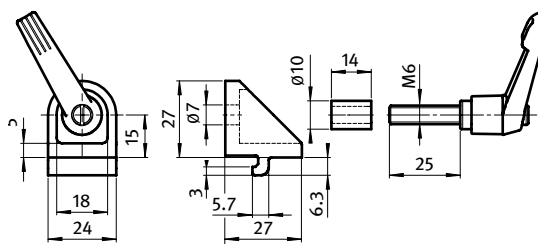


Surface	Color	Slot	Weight [g]	Profile	Part #
Plain		6	44.0	I	<b>093WK301N06R</b>
Powder coated	Alu color	6	44.0	I	<b>093WK301N06A</b>



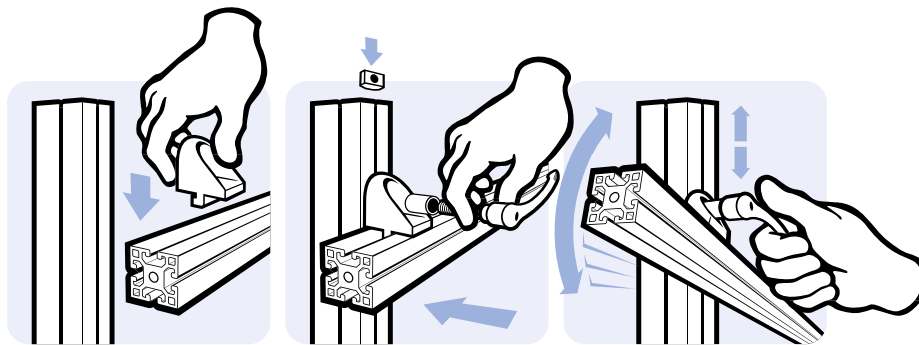
**CLAMPING ANGLE | 30 WITH LOCKING LEVER, SLOT 6**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect aluminum profiles easily and with flexibility
<b>MATERIAL</b>	Bracket: Zinc die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced Mechanic: Blue-galvanised steel (RoHS conform)
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>FASTENING</b>	Using M6 screw
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Other slots on request



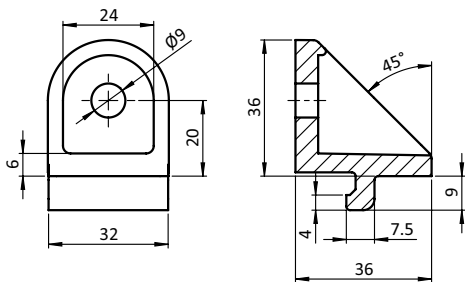
4

Surface	Color	Slot	Weight [g]	Profile	Part #
Plain		6	64.0	I	<a href="#">093WKF301N06R</a>
Powder coated	Alu color	6	64.0	I	<a href="#">093WKF301N06A</a>

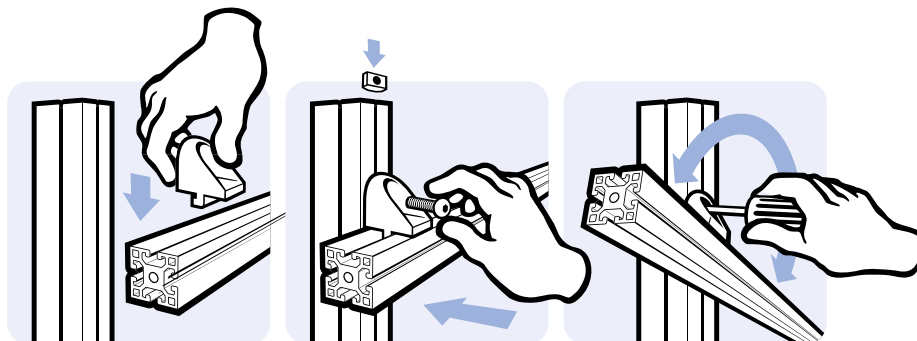


**CLAMPING ANGLE | 40, SLOT 8**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect aluminum profiles easily and with flexibility
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>FASTENING</b>	Using M8 screw
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Other slots on request

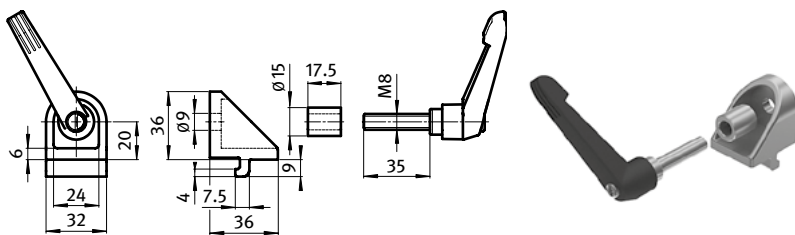


Surface	Color	Slot	Weight [g]	Profile	Part #
Plain		8	44.0	I	<a href="#">093WK401N08R</a>
Powder coated	Alu color	8	44.0	I	<a href="#">093WK401N08A</a>



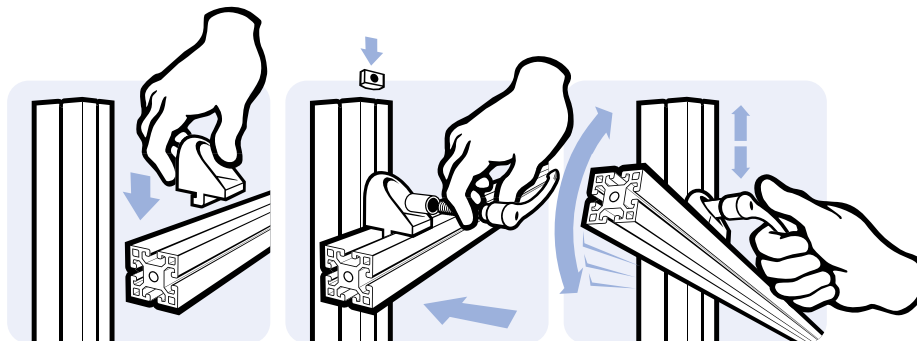
**CLAMPING ANGLE | 40 WITH LOCKING LEVER, SLOT 8**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect aluminum profiles easily and with flexibility
<b>MATERIAL</b>	Bracket: Zinc die-cast KIPP-locking lever: Plastic PA, glass fiber reinforced Mechanic: Blue-galvanised steel (RoHS conform)
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>FASTENING</b>	Using M8 screw
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Other slots on request



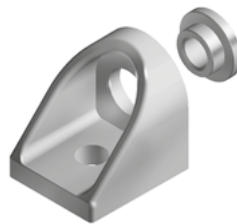
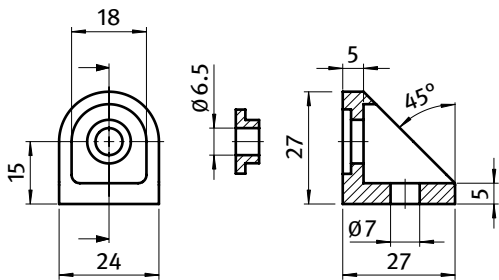
4

Surface	Color	Slot	Weight [g]	Profile	Part #
Plain		8	154.0	I	<a href="#">093WKF401N08R</a>
Powder coated	Alu color	8	154.0	I	<a href="#">093WKF401N08A</a>

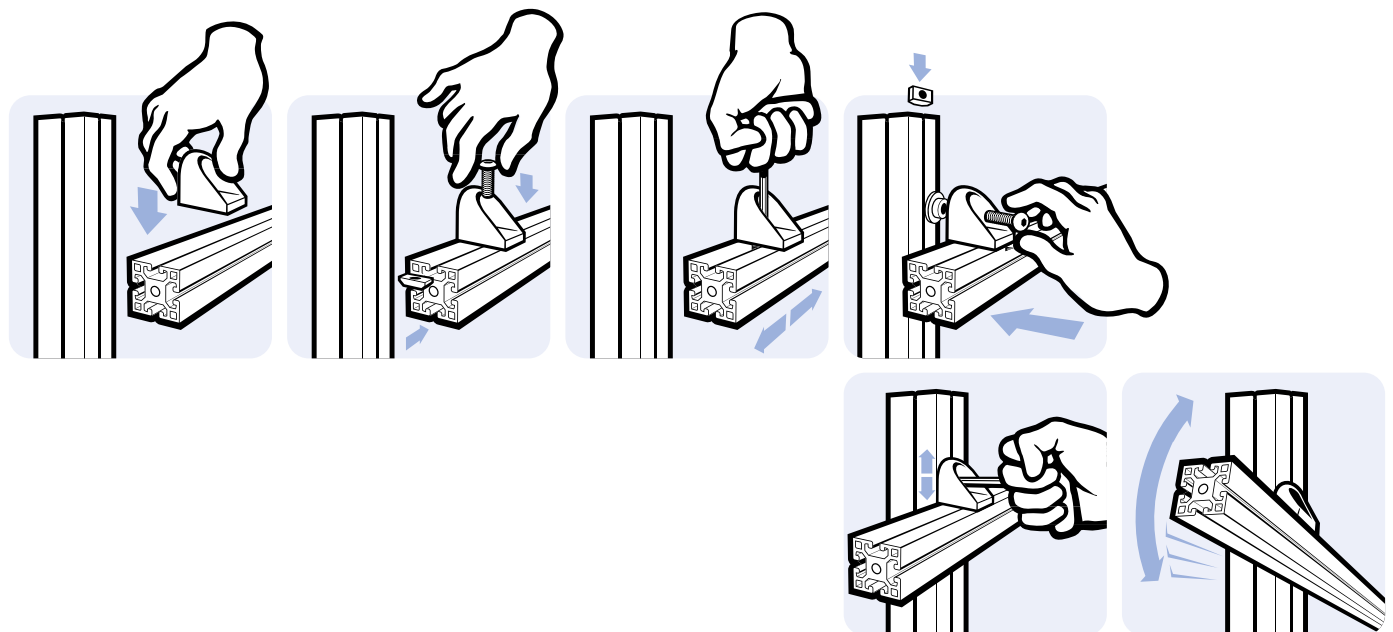


JOINT ANGLE 30

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect aluminum profiles at various angles; can be turned freely when mounted
<b>MATERIAL</b>	Angle: Zinc die-cast Bushing: Steel, zinc plated
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>FASTENING</b>	Using M6 screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

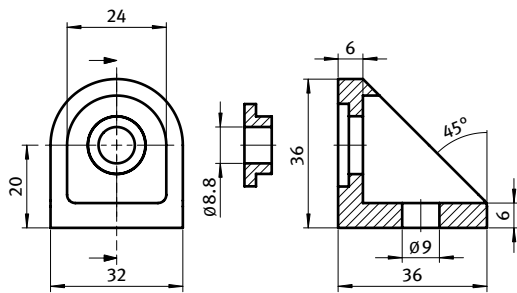


Surface	Color	Weight [g]	Part #
Plain		40.0	093WG301R
Powder coated	Alu color	40.0	093WG301A

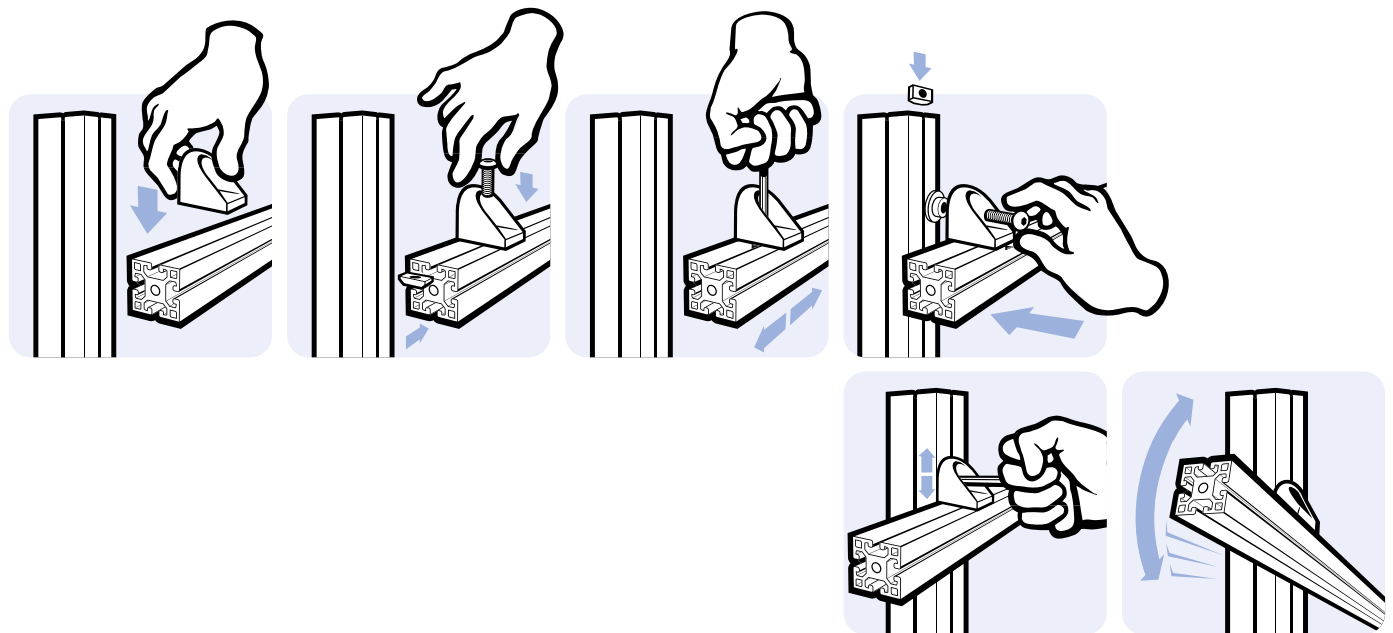


JOINT ANGLE 40

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To connect aluminum profiles at various angles; can be turned freely when mounted
<b>MATERIAL</b>	Angle: Zinc die-cast Bushing: Steel, zinc plated
<b>SURFACE</b>	Plain / powder coated
<b>COLOR</b>	Alu color
<b>FASTENING</b>	Using M8 screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

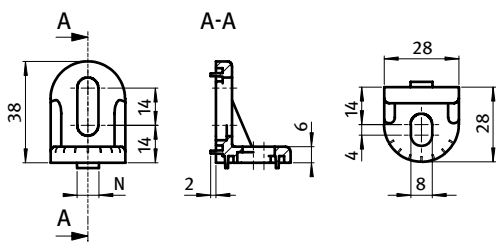


Surface	Color	Weight [g]	Part #
Plain		91.0	093WG401R
Powder coated	Alu color	91.0	093WG401A

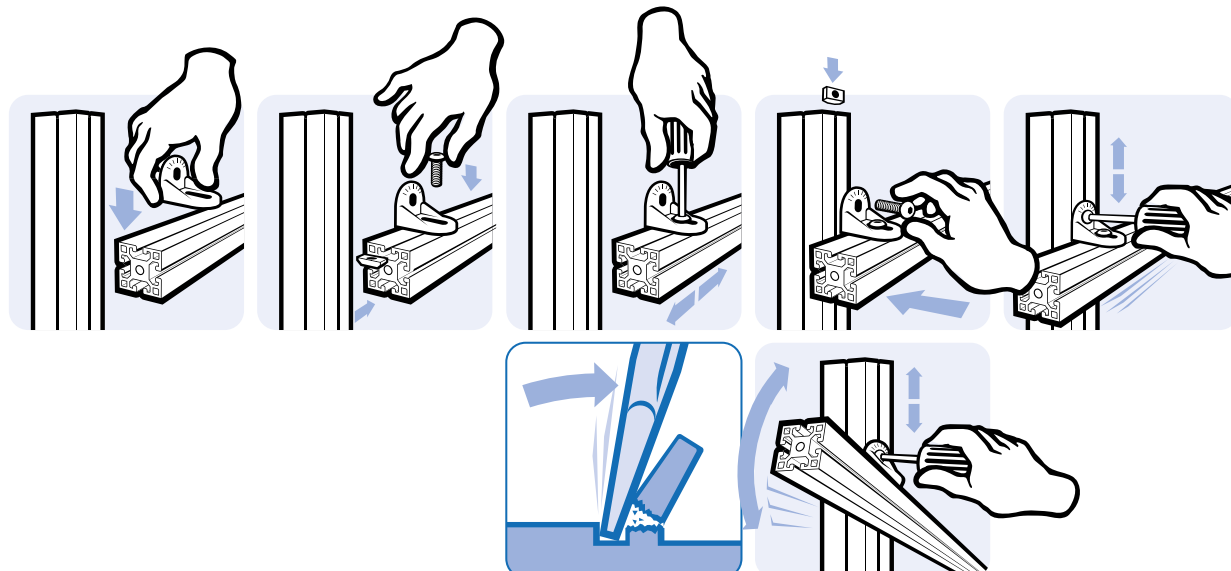


TURNING ANGLE 30

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect aluminum profiles at various angles from 0° to 180°
<b>MATERIAL</b>	Angle: Aluminum die-cast Centering piece: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Turning angle: Plain / powder coated Assembly set: Zinc plated
<b>COLOR</b>	Turning angle: Alu color Centering piece: Black
<b>ASSEMBLY SET 1</b>	1 screw DIN 7984 - M6 x 14, 1 screw DIN 7984 - M8 x 16, 1 washer DIN EN ISO 7089 (DIN 125) - M6, 1 hammer nut - slot 10 - M8, 1 hammer nut - slot 8 - M6, 2 centering pieces - slot 8 to slot 10
<b>ASSEMBLY SET 2</b>	2 screws DIN 7984 - M8 x 16, 2 hammer nuts - slot 10 - M8, 4 centering pieces - slot 8 to slot 10
<b>PACK QUANTITY</b>	10 pieces / 10 set



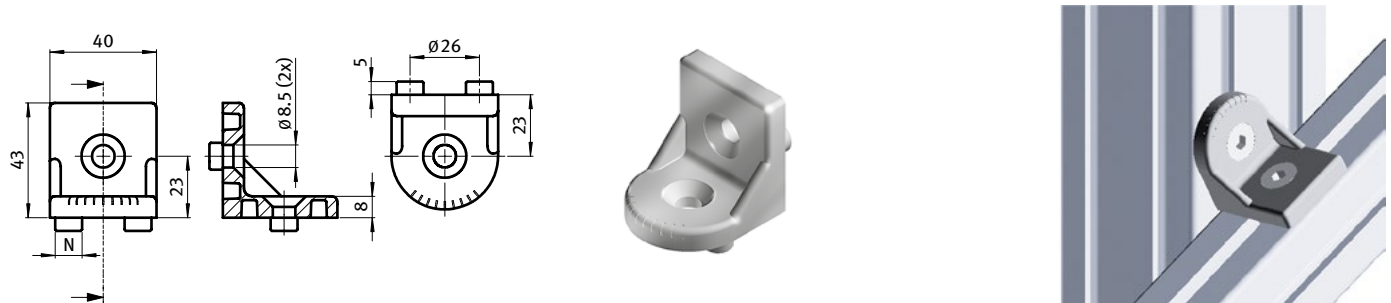
Version	Surface	Color	N	Weight [g]	Part #
	Plain		8	16.8	<a href="#">093WG302N08</a>
	Plain		10	17.2	<a href="#">093WG302N10</a>
	Powder coated	Alu color	8	17.0	<a href="#">093WG302N08S04</a>
Centering piece		Black	8 / 10	1.0	<a href="#">093W02</a>
With assembly set 1	Plain		8	42.0	<a href="#">093WG302N08S05</a>
With assembly set 2	Plain		10	47.4	<a href="#">093WG302N10S01</a>
With assembly set 1	Powder coated	Alu color	8	42.4	<a href="#">093WG302N08S06</a>





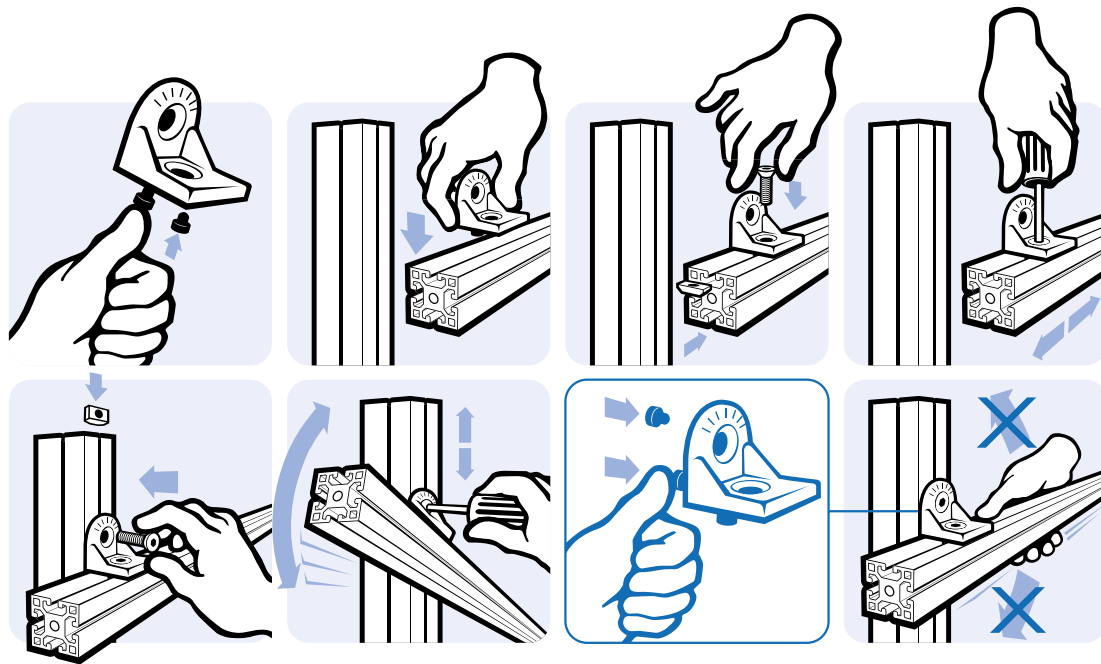
TURNING ANGLE 45

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect aluminum profiles at various angles from 0° to 180°
<b>MATERIAL</b>	Turning Angle: Aluminum die-cast Centering bolts: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Turning angle: Plain / powder coated Assembly set: Zinc plated
<b>COLOR</b>	Turning angle: Alu color Centering bolts: Black
<b>ASSEMBLY SET</b>	2 screws DIN 7991 - M8 x 18, 2 hammer nuts - slot 10 - M8, 4 Centering bolt slot 8, 4 Centering bolt slot 10
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>TIP</b>	* With 4 centering bolts slot 8 and 4 centering bolts slot 10



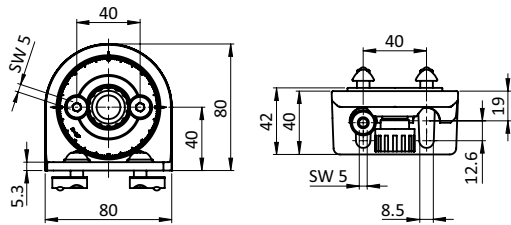
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Version	N	Weight [g]	Part #
		44.2	<b>093WG402</b>
	10	45.0	<b>* 093WG402N</b>
Plain incl. assembly set	10	76.0	<b>* 093WG402NS02</b>
Alu color with assembly set	10	77.0	<b>* 093WG402NS03</b>



**ANGLE LOCKING BRACKET 40 X 80 (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect aluminum profiles at an adjustable angle, can be fixed in 2.5° steps by means of a knurled screw
<b>MATERIAL</b>	Body: Aluminum die-cast Knurled screw: Plastic PA, glass fiber reinforced Assembly material: Steel
<b>SURFACE</b>	Body: Powder coated Assembly material: Zinc plated
<b>COLOR</b>	Body: Alu color Knurled screw: Black
<b>SET</b>	1 angle locking bracket incl. knurled screw, 2 screws DIN 7984 - M8 x 18, 2 screws ISO 7380 - M8 x 18, 2 shims DIN EN ISO 7089 (DIN 125) - 8.4, 4 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	10 sets



**Weight [g]**

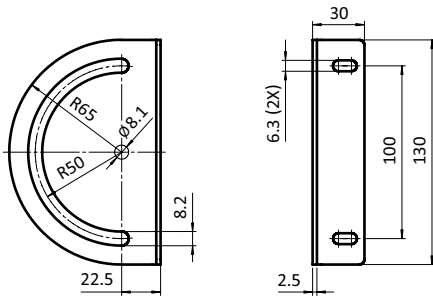
**Part #**

275.0

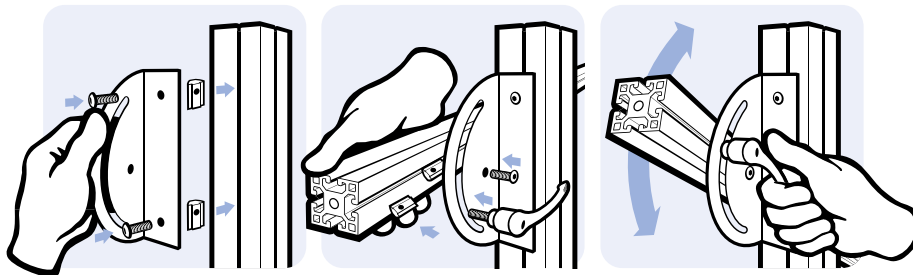
**093WG403**

**PIVOT ANGLE 130**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To connect aluminum profiles at an adjustable angle; can be fixed with a locking lever
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Compatible Locking Levers see 041LL065K91M0815M et seq.

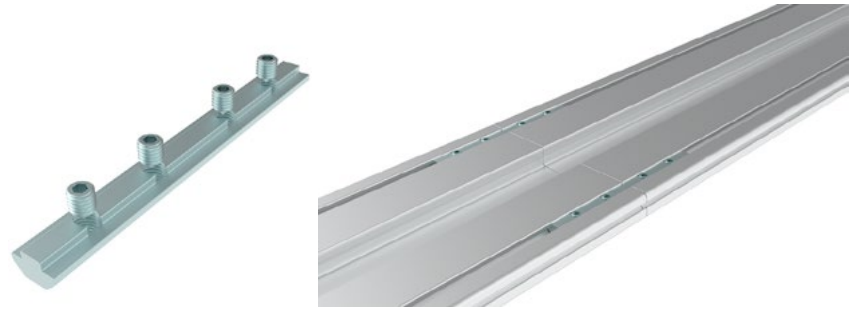
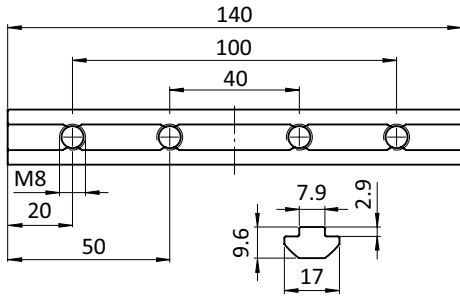


	for Screw	for Locking Lever	Weight [g]	Part #
	M6	M8	221.0	<b>093WG130V</b>



**CONNECTING STRIP 140 I, NUT 8**

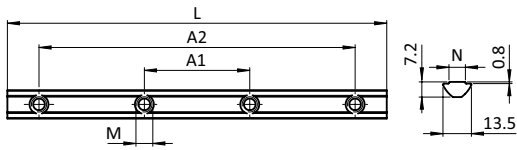
<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles without machining
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET</b>	1 connecting strip 140 - slot 8 4 screws DIN 914 - M8 x 10
<b>PACK QUANTITY</b>	10 sets



L [mm]	Slot	Size	Weight [g]	Profile	Part #
140.0	8	M8	121.0	I	<a href="#">096060S02</a>

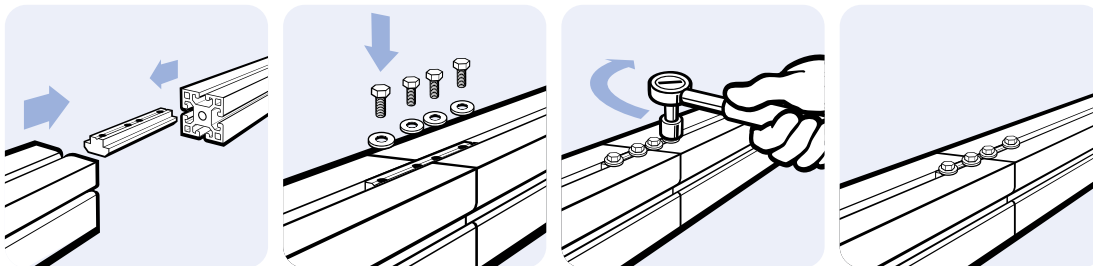
**CONNECTING STRIP 180 I, SLOT 8**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles without machining
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET</b>	4 screws DIN 933 (ISO 4017) - M8 x 16 4 washers DIN EN ISO 7089 (DIN 125)
<b>PACK QUANTITY</b>	10 pieces



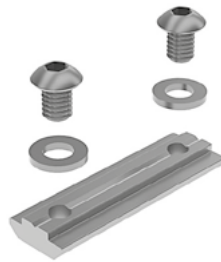
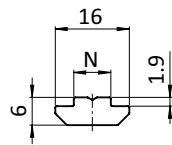
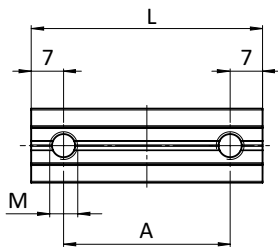
Version	L [mm]	Slot	Size	A1 [mm]	A2 [mm]	Weight [g]	Profile	Part #
	180.0	8	M8	50.0	150.0	89.0	I	<a href="#">096020S46</a>
incl. assembly set	180.0	8	M8	50.0	150.0	133.0	I	<a href="#">096020S74</a>

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**CONNECTING STRIP 50 B, SLOT 8**

<b>MODEL</b>	Zinc plated / plain
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles without machining
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET 1</b>	1 connecting strip 50, slot 8, 2 screws ISO 7380 Form B - M6 x 8, 2 washers DIN EN ISO 7089 (DIN 125)
<b>SET 2</b>	2 connecting strip 50, slot 8, 2 hexagon socket set screws DIN 913 - M6 x 10
<b>PACK QUANTITY</b>	10 pieces



Set	A [mm]	L [mm]	Size	N	Weight [g]	Profile	Part #
Set 1	36.0	50.0	M6	8	35.0	B	<a href="#">096010S46</a>
Set 2	36.0	50.0	M6	8	29.0	B	<a href="#">096010S05</a>

**CONNECTING STRIP 180 B, SLOT 8**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles without machining
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET</b>	4 screws DIN EN ISO 4762 (DIN 912) - M6 x 12, 4 washers DIN 7349 - 6.4
<b>PACK QUANTITY</b>	10 pieces / sets

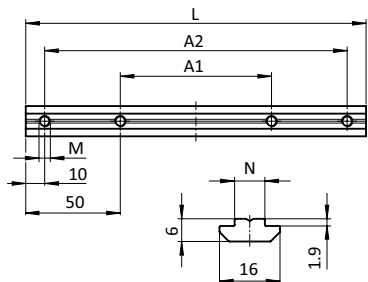
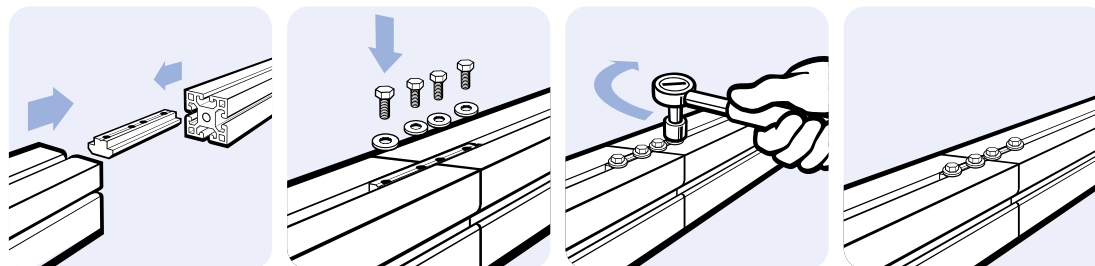


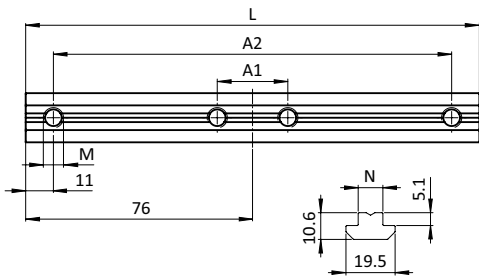
Fig.	Version	L [mm]	Size	A1 [mm]	A2 [mm]	N	Weight [g]	Profile	Part #
①		180.0	M6	80.0	160.0	8	99.8	B	<a href="#">096010S10</a>
②	With assembly set	180.0	M6	80.0	160.0	8	134.0	B	<a href="#">096010S11</a>

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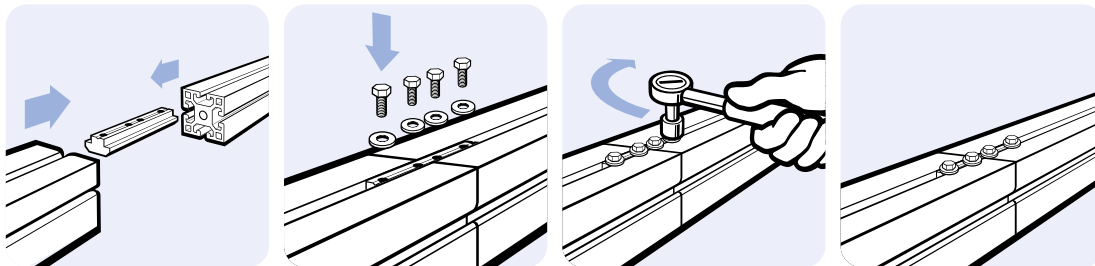


**CONNECTING STRIP 180 B, SLOT 10 (SET)**

<b>MODEL</b>	Zinc plated / plain
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles without machining
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET</b>	1 connecting strip 180, slot 10, 4 screws DIN 933 (ISO 4017) - M8 x 16, 4 washers 8-FSt, 4 washers DIN 7349 - 8.4
<b>PACK QUANTITY</b>	10 sets



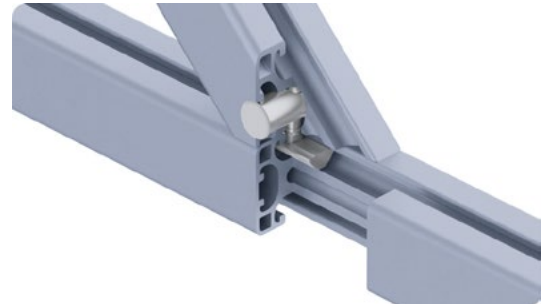
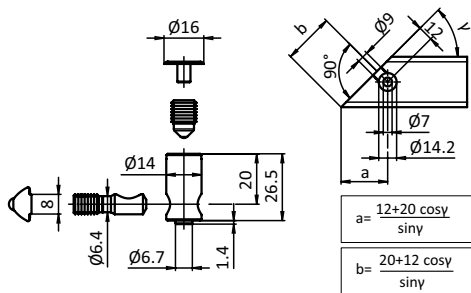
L [mm]	Size	A1 [mm]	A2 [mm]	N	Weight [g]	Profile	Part #
180.0	M8	28.0	158.0	10	264.0	B	<a href="#">096030S38</a>



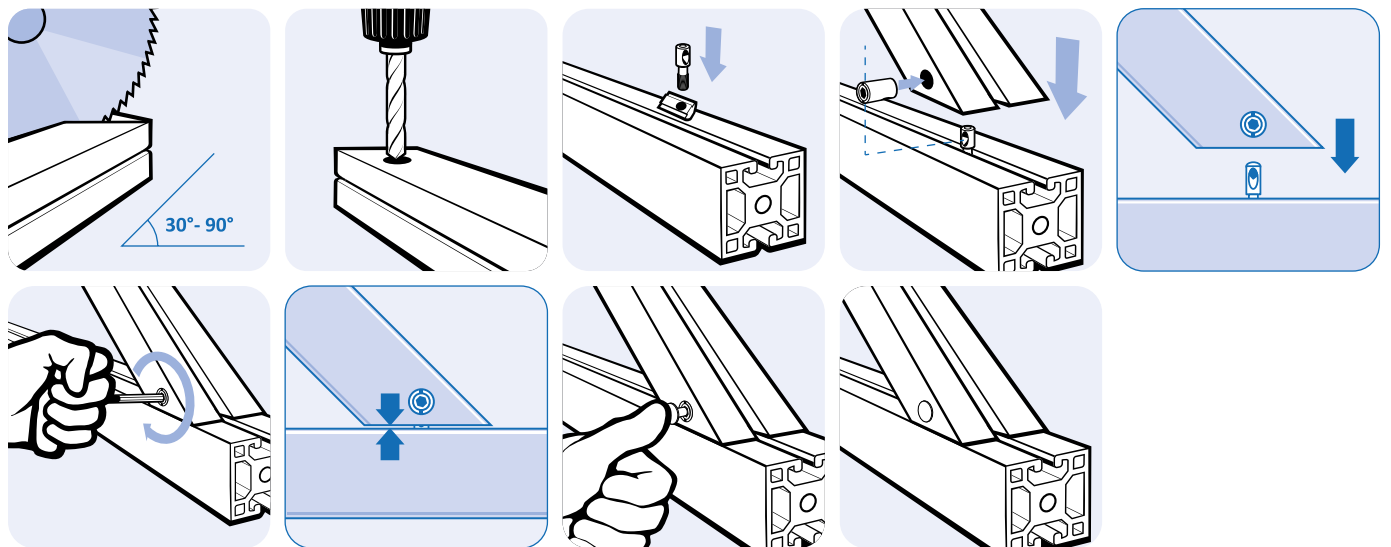


**MITRE CONNECTOR | 30°-90°, SLOT 8**

<b>MODEL</b>	Steel, profile 40, slot 8
<b>DESCRIPTION</b>	End-to-end connection of an aluminum profile with a mitre cut (cut $\gamma = 30^\circ - 90^\circ$ ) to another aluminum profile; before the application each a hole with $\varnothing 14.2$ mm lateral and $\varnothing 9.0$ mm frontal must be drilled; with T-slot nut and cover cap
<b>MATERIAL</b>	Connector and T-slot nut: Steel Cover caps: Plastic PP
<b>SURFACE</b>	Connector and T-slot nut: Zinc plated
<b>COLOR</b>	Cover cap: gray $\approx$ RAL 7042
<b>PACK QUANTITY</b>	10 pieces



Slot	Weight [g]	Profile	Part #
8	42.0	I	099BG081429

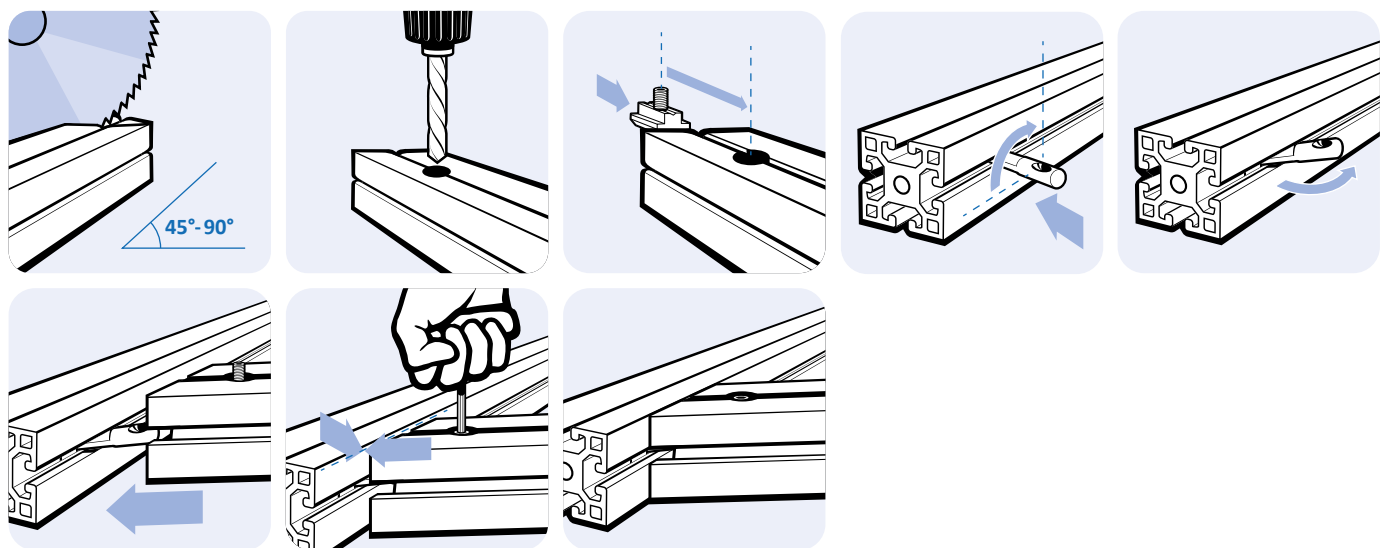


**MITRE CONNECTOR B 45°-90°, SLOT 10**

<b>MODEL</b>	Steel, profile 45, slot 10 deep
<b>DESCRIPTION</b>	End-to-end connection of an aluminum profile with a mitre cut (cut $\gamma = 45^\circ - 90^\circ$ ) to another aluminum profile; before the application a hole with $\varnothing 8.2$ mm lateral must be drilled; with T-slot nut and threaded pin with AF 4
<b>MATERIAL</b>	Zinc plated / plain
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces

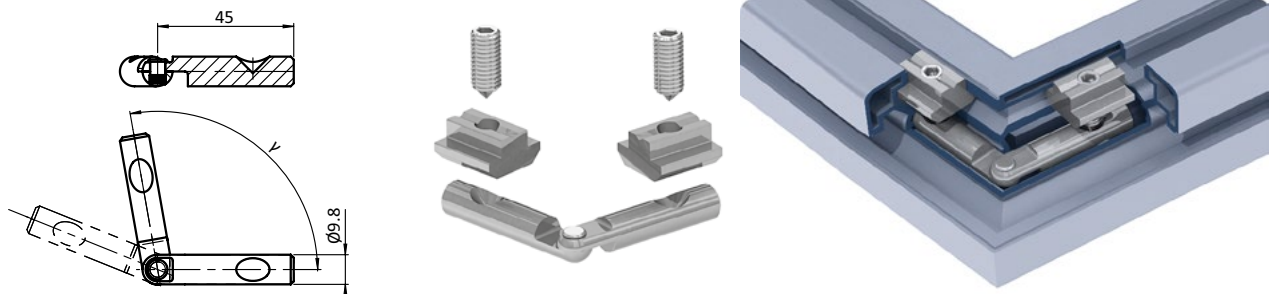


Slot	Weight [g]	Profile	Part #
10	57.0	B	099BG10081090

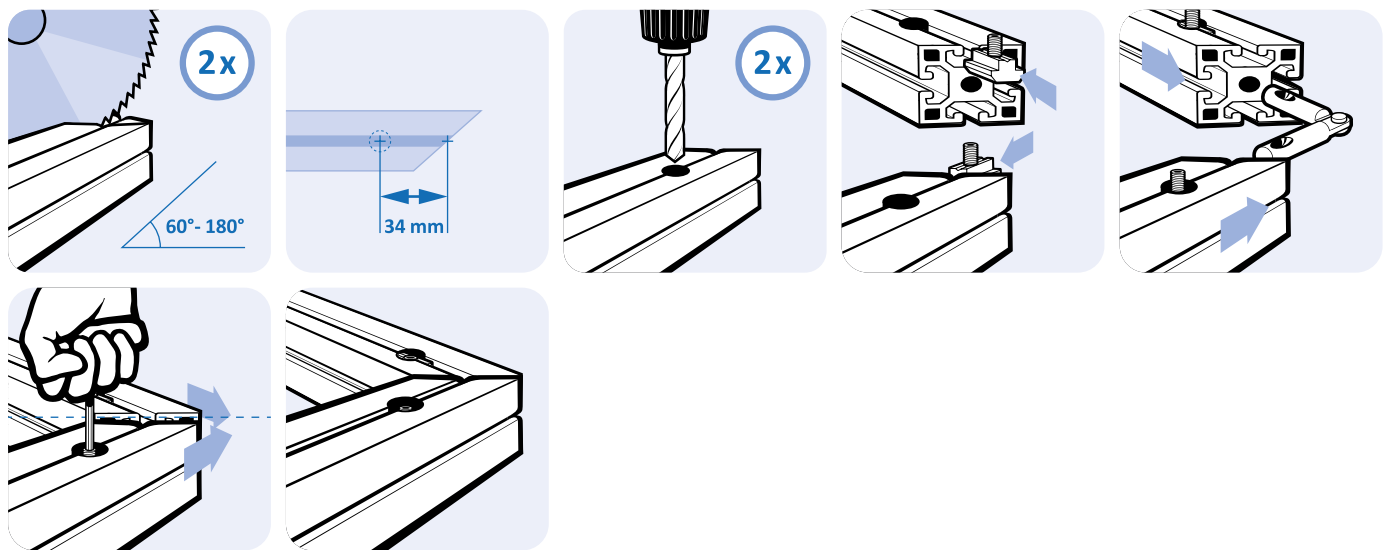


**MITRE CONNECTOR B 60°-180°, SLOT 10**

<b>MODEL</b>	Steel, slot 10
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles with a mitre cut (cut each $\gamma = 60^\circ - 90^\circ$ ); before the application a hole with $\varnothing 8.2$ mm in a distance of 34 mm of the profile end must be drilled; with T-slot nut and threaded pin with AF 4
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces

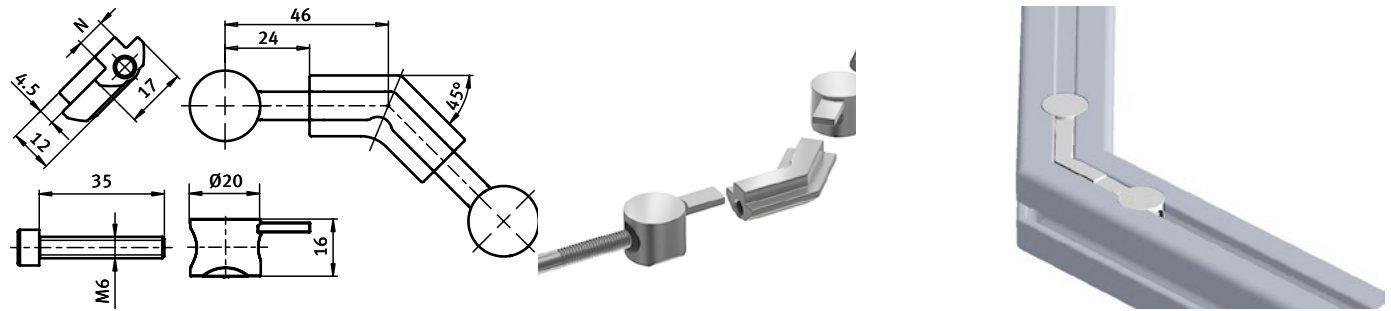


Slot	Weight [g]	Profile	Part #
10	96.0	B	099BG100810180

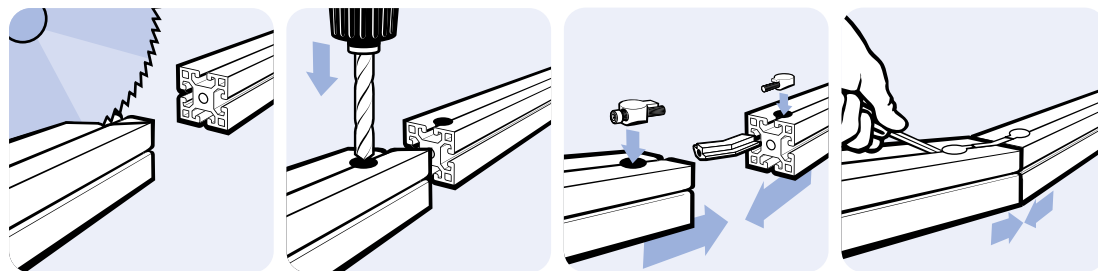


**UNIVERSAL MITRE CONNECTOR I (SET)**

<b>MODEL</b>	Zinc die-cast, slot 8
<b>DESCRIPTION</b>	End-to-end connection of two aluminum profiles with a mitre cut
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Zinc plated
<b>SET</b>	1 mitre connector, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 35
<b>PACK QUANTITY</b>	10 sets

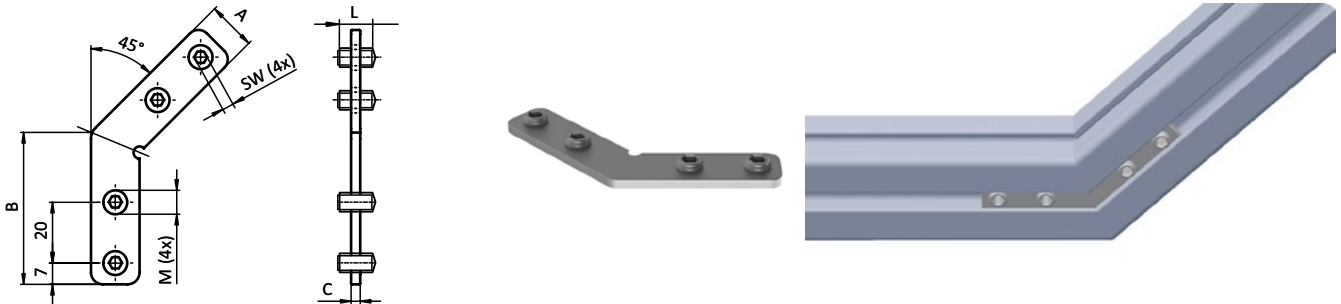


Slot	Weight [g]	Part #
8	104.0	099A0840W45



**MITRE CONNECTOR 45°**

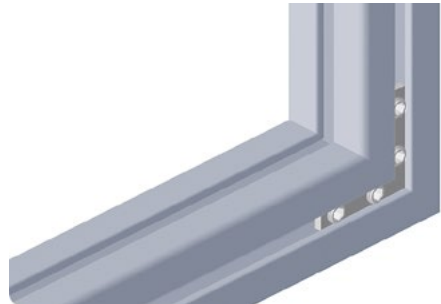
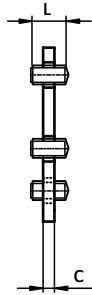
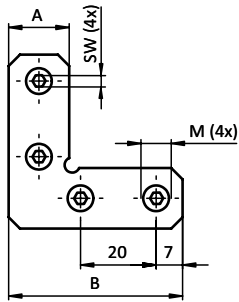
<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



A [mm]	B [mm]	L [mm]	SW	C [mm]	Hexagon socket set screw	Weight [g]	Part #
16.0	46.0	7.9	4	3.0	M8	40.0	099GV0845
20.2	60.0	10.0	5	3.0	M10	64.5	099GV1045

**MITRE CONNECTOR 90°**

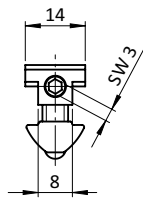
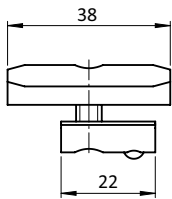
<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To connect two aluminum profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



A [mm]	B [mm]	L [mm]	SW	C [mm]	Hexagon socket set screw	Weight [g]	Part #
16.0	46.0	7.9	4	3.0	M8	33.0	<a href="#">099GV0890</a>
20.2	60.0	10.0	5	3.0	M10	59.0	<a href="#">099GV1090</a>

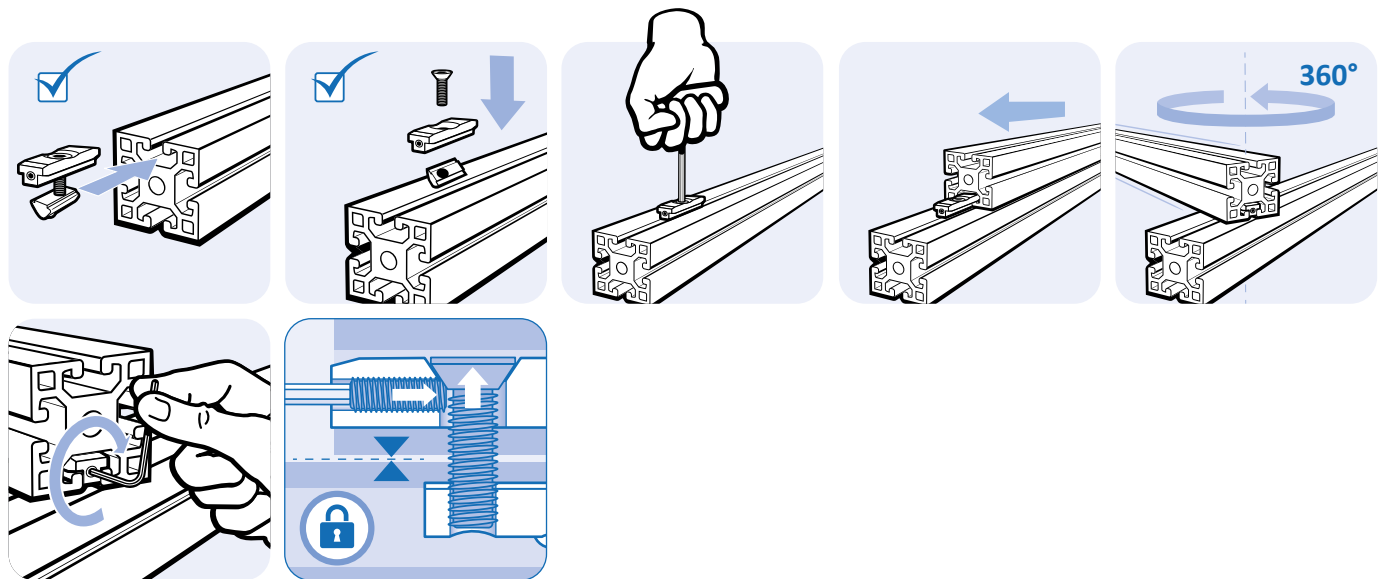
**DIRECT CONNECTOR I, SLOT 8**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To cross or parallelly connect two aluminum profiles; assembly without machining
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>MAX. WEIGHT DOOR</b>	Load recommendation for each mounting point with even load spreading: $F_{max} = 400\text{ N}$
<b>PACK QUANTITY</b>	10 pieces



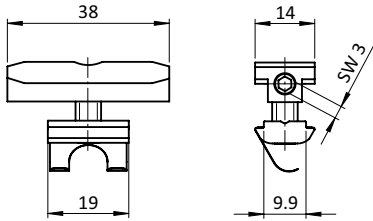
N [mm]	Weight [g]	Profile	Part #
8	38.3	I	099DC084040N08

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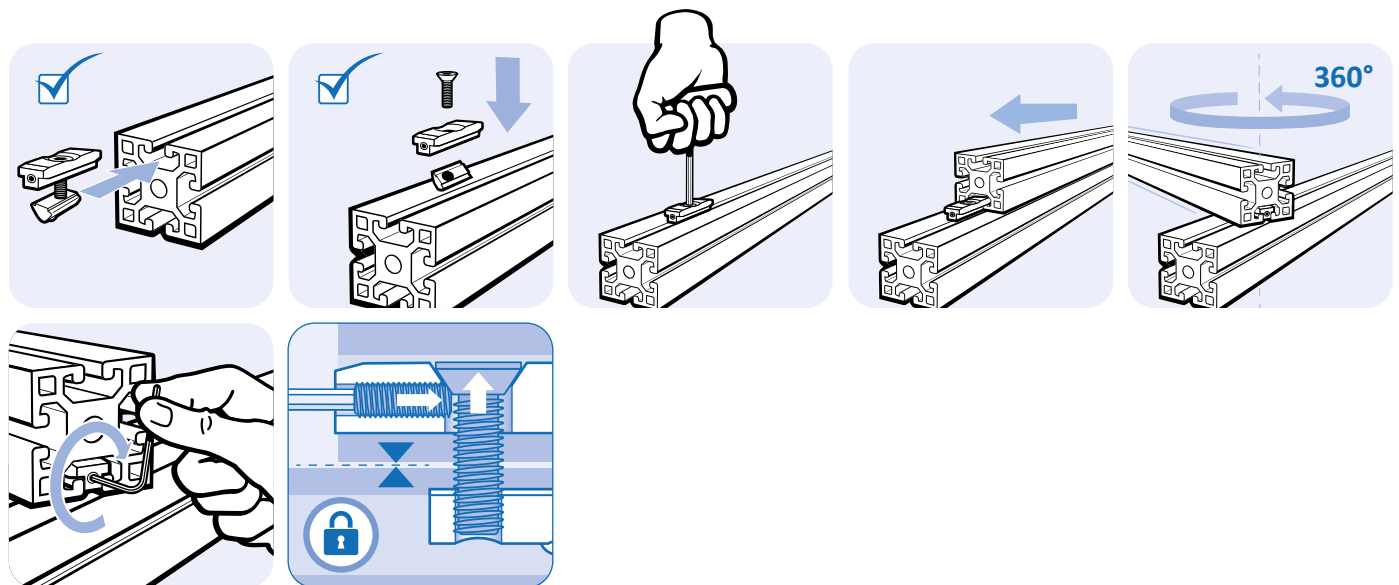


**DIRECT CONNECTOR I / B, SLOT 8 / 10**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To cross or parallelly connect two aluminum profiles slot 8 with slot 10; assembly without machining
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>MAX. LOAD</b>	Load recommendation for each mounting point with even load spreading: $F_{max} = 400\text{ N}$
<b>PACK QUANTITY</b>	10 pieces



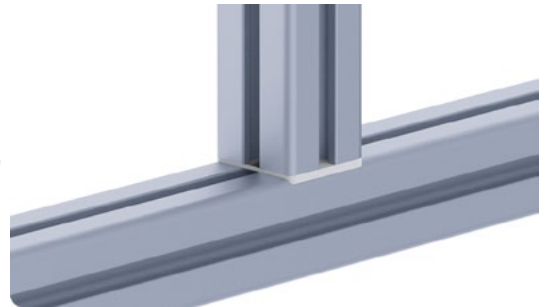
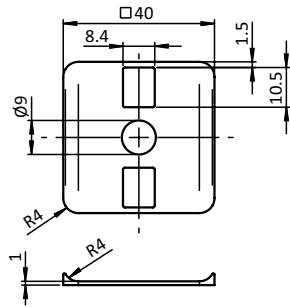
N [mm]	Weight [g]	Profile	Part #
10	36.0	B	099DC084045N10





**RADIUS SEAL 40 X 40**

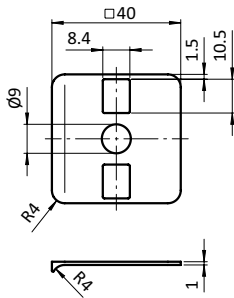
<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To seal the transition between two profiles at a tee connection, especially for clean room applications
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other colors on request



Weight [g]	Profile	Part #
2.0	I	<a href="#">093RD84040R4</a>

**RADIUS SEAL 40 X 40, 90°**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To seal the transition between two profiles at a tee connection, especially for clean room applications
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other colors on request



Weight [g]	Profile	Part #
2.0	I	<a href="#">093RD84040R4S01</a>

1

2

3

4

**HANDLES & LATCHES**

**5**

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14

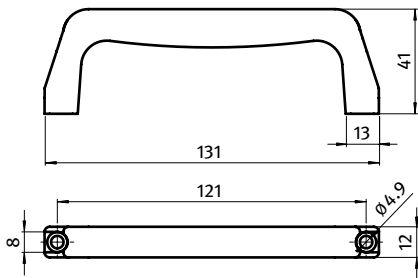
## HANDLES &amp; LATCHES

	FRONT HANDLE	634		HANDLE AL 120 BENDED	652
	BRIDGE HANDLE 122	635		HANDLE AL 200 BENDED	653
	BRIDGE HANDLE 152	636		FASTENING SET FOR HANDLE AL 120	654
	BRIDGE HANDLE WITH COVER CAP	637		FASTENING SET FOR HANDLE AL 200	655
	HANDLE	638		SLAM LATCH ZN	656
	COVER CAP FOR HANDLE	639		SLAM LATCH COMPACT	659
	BRIDGE HANDLE B	640		TWIN SLAM LATCH COMPACT	660
	MACHINE HANDLE 135	641		SLIDE DOOR LATCH COMPACT	661
	COVER CAP FOR MACHINE HANDLE 135 (SET)	642		SLAM LATCH PRO	662
	MACHINE HANDLE 240	643		EMERGENCY OPENER FOR SLAM LATCH	663
	COMFORT HANDLE	644		DOOR LOCK (SET)	664
	SYSTEM HANDLE	645		MAGNETIC CATCH HANDLE COMPACT	665
	COVER CAP FOR COMFORT AND SYSTEM HANDLE (SET)	646		MAGNETIC CATCH 20 (SET)	666
	SYSTEM HANDLE BENT	647		MAGNETIC CATCH 30 (SET)	667
	TUBES FOR SYSTEM HANDLE	648		ANGLE BRACKET FOR MAGNETIC CATCH 30	668
	STRIP HANDLE (SET)	649		BALL CATCH 30	669
	HANDLE AL 120	650		SPACER FOR BALL CATCH 30	670
	HANDLE AL 200	651		ANGLE BRACKET FOR BALL CATCH 30	671

	ANGLE BRACKET FOR BALL CATCH 30 / SAFETY SWITCH AZ 16	672
	DOOR LATCH (SET)	673
	DOUBLE BALL CATCH PA	674
	DOUBLE BALL CATCH MS	675
	DOOR LATCH	676
	DOOR STOP WITH EPDM DAMPER (SET)	677
	DOOR STOP WITH MAGNETIC CATCH (SET)	678
	SEALING STRIP B	679
	SEALING STRIP I	680
	SEALING PROFILE SLOT 8 - 4.5 / 18 X 20	681

**FRONT HANDLE**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



for Screw

Weight [g]

Part #

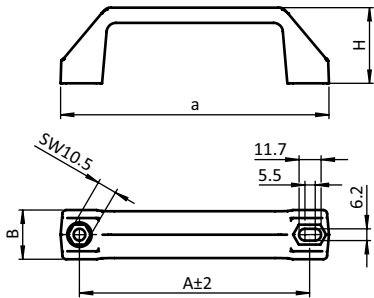
M4

30.0

**092005**

**BRIDGE HANDLE 122**

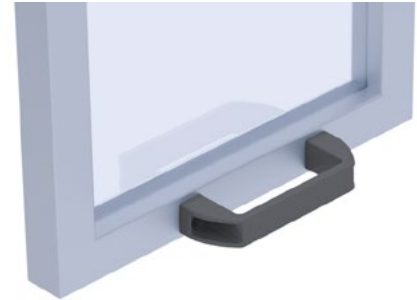
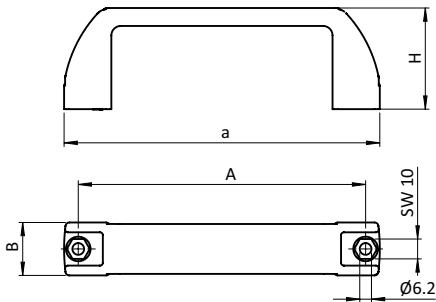
<b>MODEL</b>	Plastic PA, 122 mm
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using socket head screws; from the back using inserted hexagon nuts or hexagon cap screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request



A [mm]	B [mm]	H [mm]	for Nut	for Screw	a [mm]	Weight [g]	Part #
122.0	26.0	40.0	SW10 (M6)	M6	142.0	125.0	092001

**BRIDGE HANDLE 152**

<b>MODEL</b>	Plastic PA, 152 mm
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, yellow
<b>FASTENING</b>	From the front, using socket head screws; from the back using inserted hexagon nuts or hexagon cap screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request



Color	ESD	A [mm]	B [mm]	H [mm]	for Nut	for Screw	a [mm]	Weight [g]	Part #
Black		152.0	28.0	53.5	SW10 (M6)	M6	167.0	83.9	<a href="#">092002</a>
	ESD electrostatical discharging	152.0	28.0	53.5	SW10 (M6)	M6	167.0	75.9	<a href="#">092002S04</a>
Yellow ≈ RAL 1023		152.0	28.0	53.5	SW10 (M6)	M6	167.0	83.9	<a href="#">092002S03</a>



**BRIDGE HANDLE WITH COVER CAP**

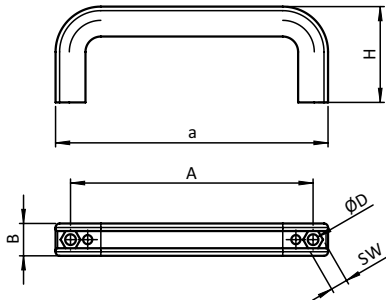
<b>MODEL</b>	Plastic PA, with plain bore and cover caps
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using socket head screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Dimensions in brackets apply when assembled



A [mm]	B [mm]	H [mm]	for Screw	a [mm]	Weight [g]	Part #
94.0	17.0	35.0	M6	120.0	32.0	<a href="#">12093B65</a>
117.0	19.0	40.0	M8	145.0	48.0	<a href="#">12117B85</a>
132.0	20.0	45.0	M8	163.0	58.0	<a href="#">12132B85</a>
179.0	22.0	50.0	M8	213.0	87.0	<a href="#">12179B85</a>

**HANDLE**

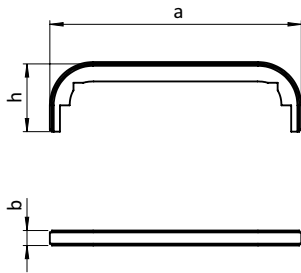
<b>MODEL</b>	Plastic PA, 120 and 160 mm
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, yellow, red, blue, gray
<b>FASTENING</b>	From the front with hexagon cap screws or socket head screws, or from the back using M8 hexagon nuts and bolts
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request



Version	Color	A [mm]	B [mm]	H [mm]	ØD [mm]	SW	for Screw	a [mm]	Weight [g]	Part #
120.0	Black	120.0	16.0	48.0	5.3	8.5	M5	134.0	30.0	<a href="#">092012</a>
120	Gray ≈ RAL 7042	120.0	16.0	48.0	5.3	8.5	M5	134.0	30.0	<a href="#">092012S01</a>
160	Black	160.0	28.0	60.0	8.5	14.0	M8	188.0	91.4	<a href="#">092017</a>
160	Blue ≈ RAL 5010	160.0	28.0	60.0	8.5	14.0	M8	188.0	91.4	<a href="#">092017S03</a>
160	Gray ≈ RAL 7042	160.0	28.0	60.0	8.5	14.0	M8	188.0	91.4	<a href="#">092017S05</a>

**COVER CAP FOR HANDLE**

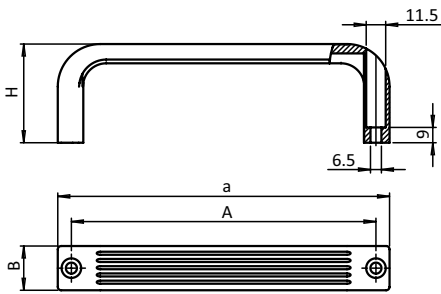
<b>MODEL</b>	Plastic PA, 120 and 160 mm
<b>DESCRIPTION</b>	To cover the open side of the handle
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, yellow, red, blue, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request



Master	Version	Color	b [mm]	a [mm]	h [mm]	Weight [g]	Part #
092019	120	Black	8.0	133.5	37.0	5.7	<b>092019</b>
092019S01	120	Gray ≈ RAL 7042	8.0	133.5	37.0	5.7	<b>092019S01</b>
092018	160	Black	18.0	186.0	47.0	21.4	<b>092018</b>
092018S03	160	Blue ≈ RAL 5010	18.0	186.0	47.0	21.4	<b>092018S03</b>
092018S05	160	Gray ≈ RAL 7042	18.0	186.0	47.0	21.4	<b>092018S05</b>

**BRIDGE HANDLE B**

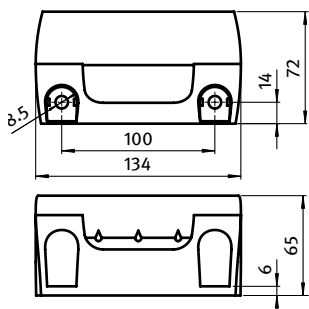
<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>FASTENING</b>	From the front, using socket head screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request



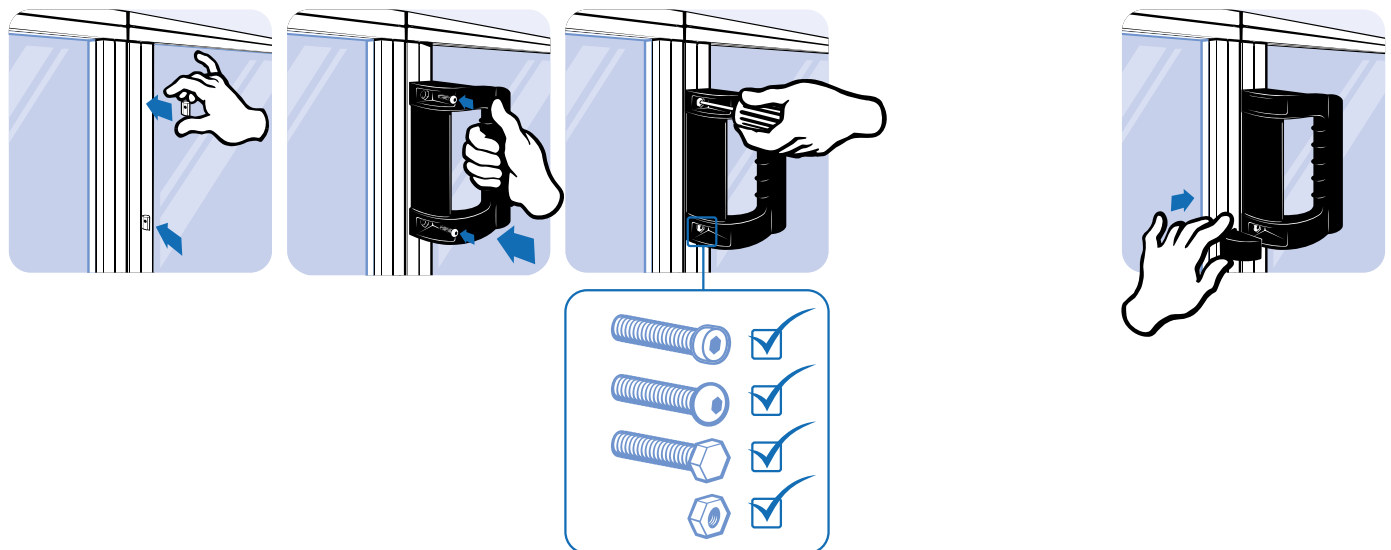
Version	Color	ESD	A [mm]	B [mm]	H [mm]	for Screw	a [mm]	Weight [g]	Part #
133	Black		118.0	26.0	50.0	M6	133.0	52.9	<a href="#">092308</a>
195	Black		179.0	26.0	58.0	M6	195.0	74.4	<a href="#">092307</a>
133	Black	ESD electrostatical discharging	118.0	26.0	50.0	M6	133.0	52.0	<a href="#">092308S01</a>
195	Black	ESD electrostatical discharging	179.0	26.0	58.0	M6	195.0	65.3	<a href="#">092307S01</a>
133	Gray ≈ RAL 7004		118.0	26.0	50.0	M6	133.0	52.9	<a href="#">092308S02</a>
195	Gray ≈ RAL 7004		179.0	26.0	58.0	M6	195.0	74.4	<a href="#">092307S02</a>

**MACHINE HANDLE 135**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Machine handle with ergonomic design and finger protection; to mount on doors, flaps and aluminum profiles; optional with cover caps
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>FASTENING</b>	With hexagon cap screws or socket head screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Please note: 1 set = 2 pieces

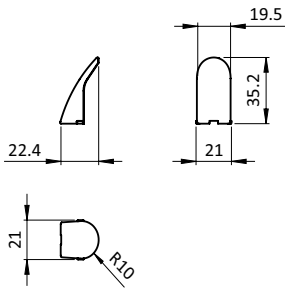


Version	for Screw	Weight [g]	Part #
Optional with cover caps	M8	114.0	092009



**COVER CAP FOR MACHINE HANDLE 135 (SET)**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	For Machine handle with ergonomic design
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Please note: 1 set = 2 pieces



Weight [g]

Part #

3.0

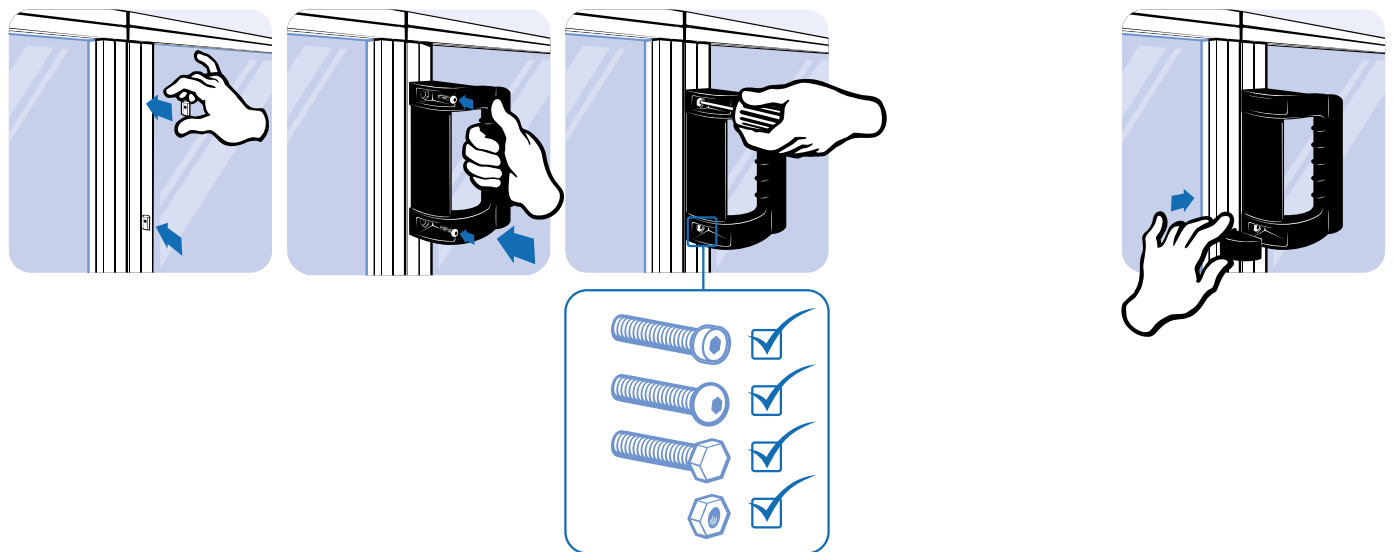
092010

**MACHINE HANDLE 240**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Large machine handle with ergonomic design and finger protection; to mount on doors, flaps and aluminum profiles; with cover caps
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front with hexagon cap screws or socket head screws, or from the back using M8 hexagon nuts and bolts
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Version	for Screw	Weight [g]	Part #
With cover caps	M8	356.0	092008

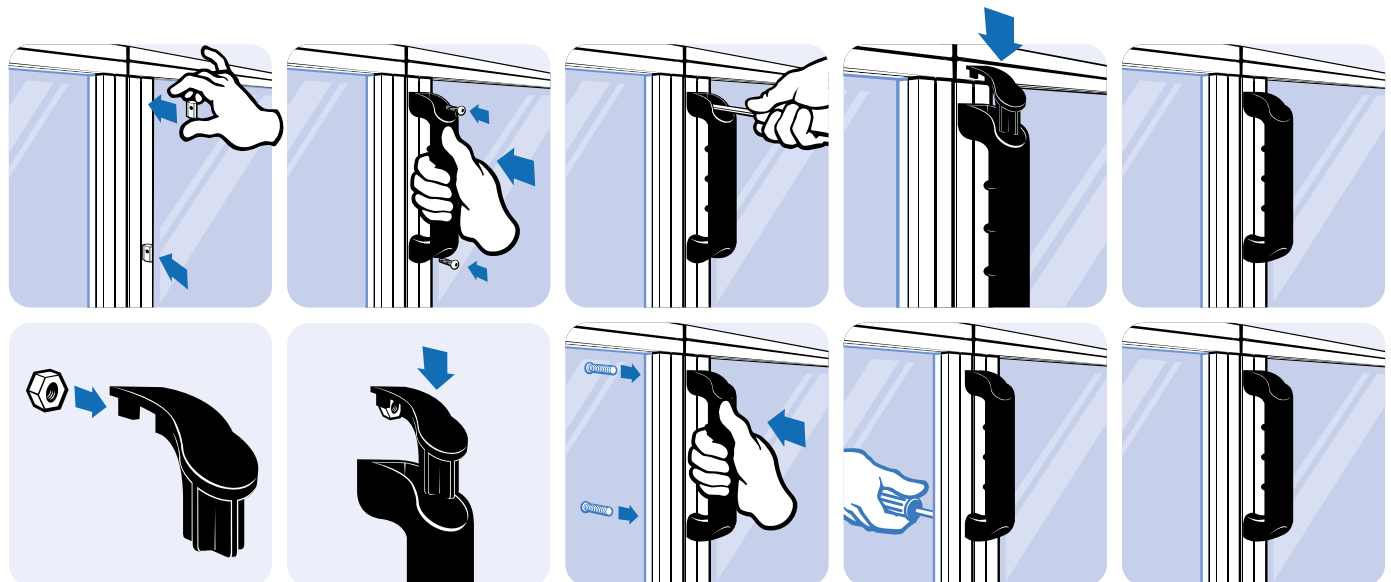


COMFORT HANDLE

<b>MODEL</b>	Plastic PA, 120, 160 and 200 mm
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front with hexagon screws, from the back with screws and with nuts inserted into the cover caps
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: 1 set = 2 pieces
<b>TIP 2</b>	Compatible Cover Cap for Comfort and System Handle (Set) see 092301



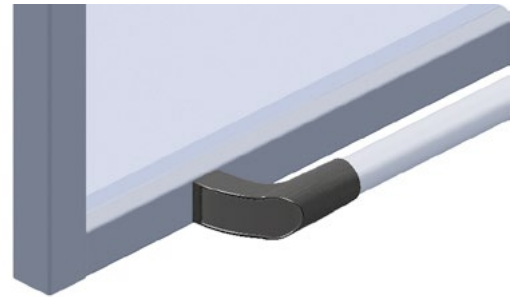
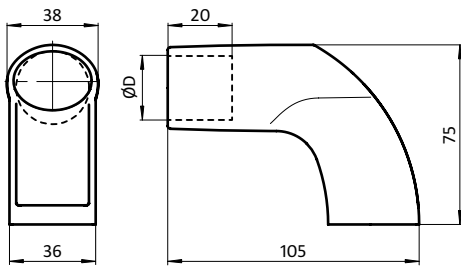
Fig.	Version	A [mm]	D [mm]	b [mm]	B [mm]	H [mm]	for Screw	a [mm]	Weight [g]	Part #
①	120	120.0	6.2	16.0	20.0	48.0	M6	142.0	26.2	092300
②	160	160.0	8.2	26.0	30.0	60.0	M8	188.0	53.8	092302
③	200	200.0	8.2	36.0	38.0	75.0	M8	236.0	117.2	092304





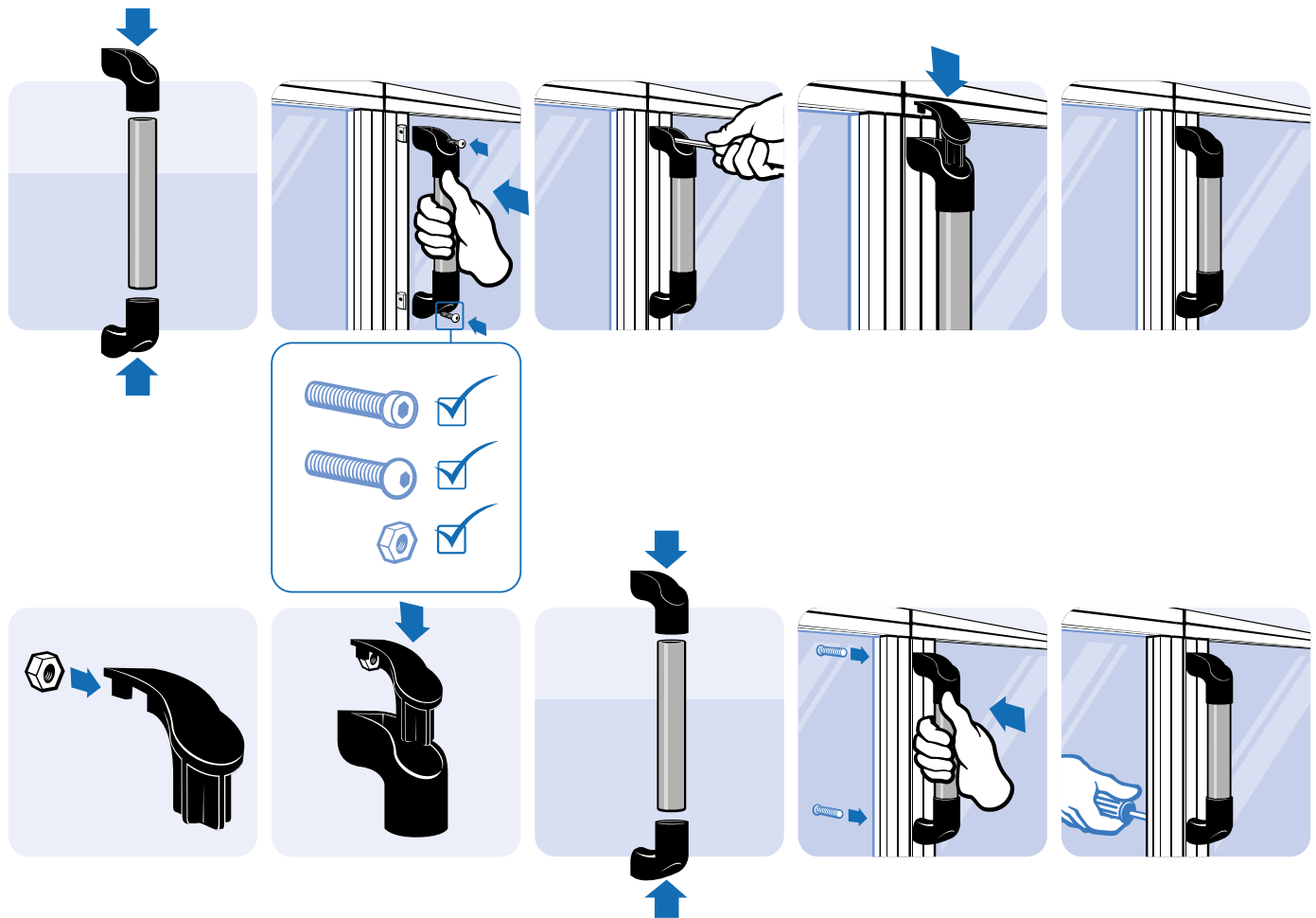
SYSTEM HANDLE

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front with hexagon screws, from the back with screws and with M8 nuts inserted into the cover caps
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: 1 set = 2 pieces
<b>TIP 2</b>	Compatible Cover Cap for Comfort and System Handle (Set) see 092305



Version	ØD [mm]	for Screw	Weight [g]	Part #
Set of end pieces D30*	30.1	M8	123.0	092013
Set of end pieces D28*	28.1	M8	126.0	092321

5



**COVER CAP FOR COMFORT AND SYSTEM HANDLE (SET)**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To cover the end of the handle By inserting a nut into the cover cap, mounting the handle from the back is possible
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: 1 set = 2 pieces
<b>TIP 2</b>	Compatible Comfort Handle see 092300 Compatible System Handle see 092013

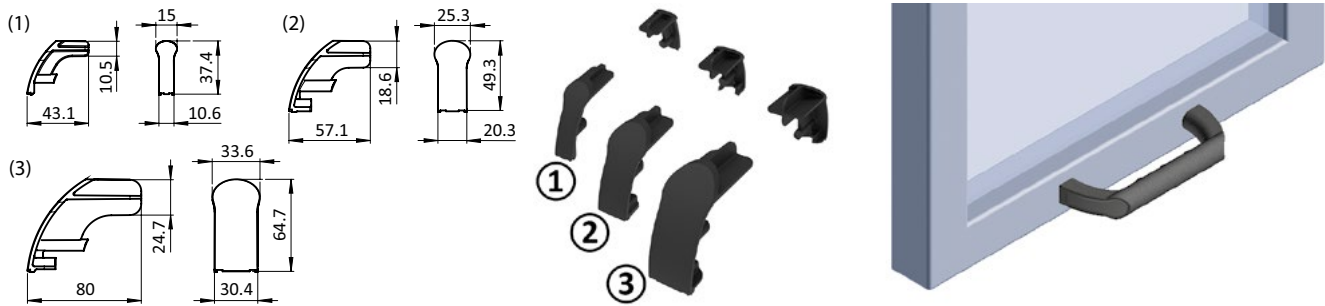
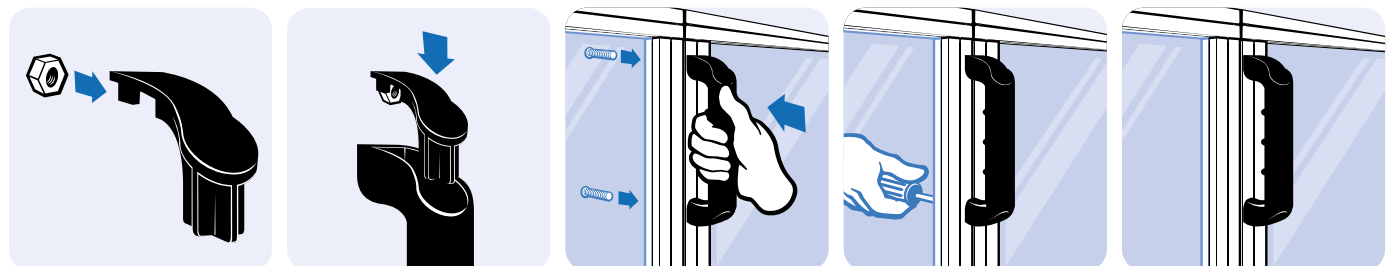
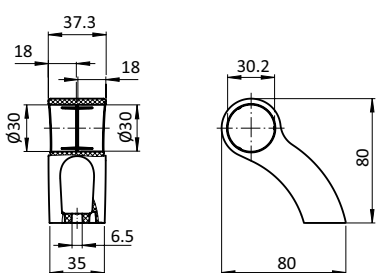


	Fig.	Version	for Nut	Weight [g]	Part #
	①	120	M6	10.6	092301
	②	160	M8	20.5	092303
	③	200	M8	50.6	092305

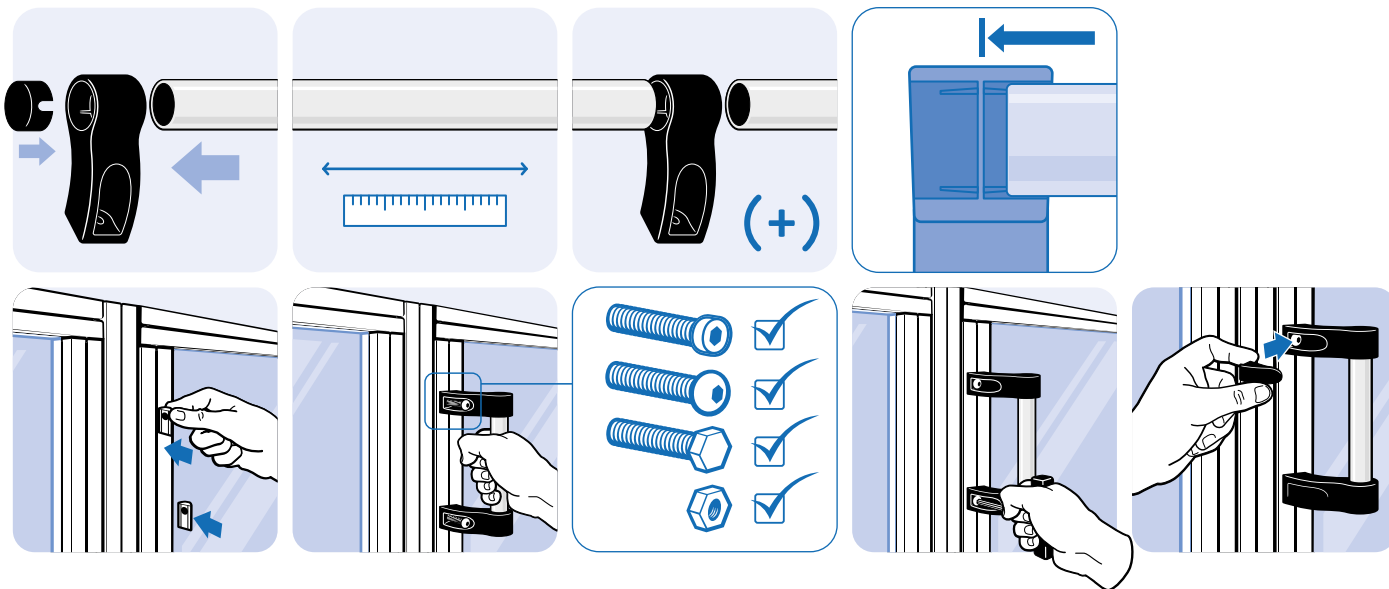


**SYSTEM HANDLE BENT**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles, can be used as an end or middle piece
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>SET</b>	2 system handle legs 2 cover caps for screw-on point 2 cover caps for open hole in system handle leg as end piece
<b>FASTENING</b>	From the front, using M6 screws
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Please note: 1 set = 2 pieces
<b>TIP 2</b>	Compatible Cover Cap for Comfort and System Handle (Set) see 092305



for Screw	Weight [g]	Part #
M6	118.0	092550

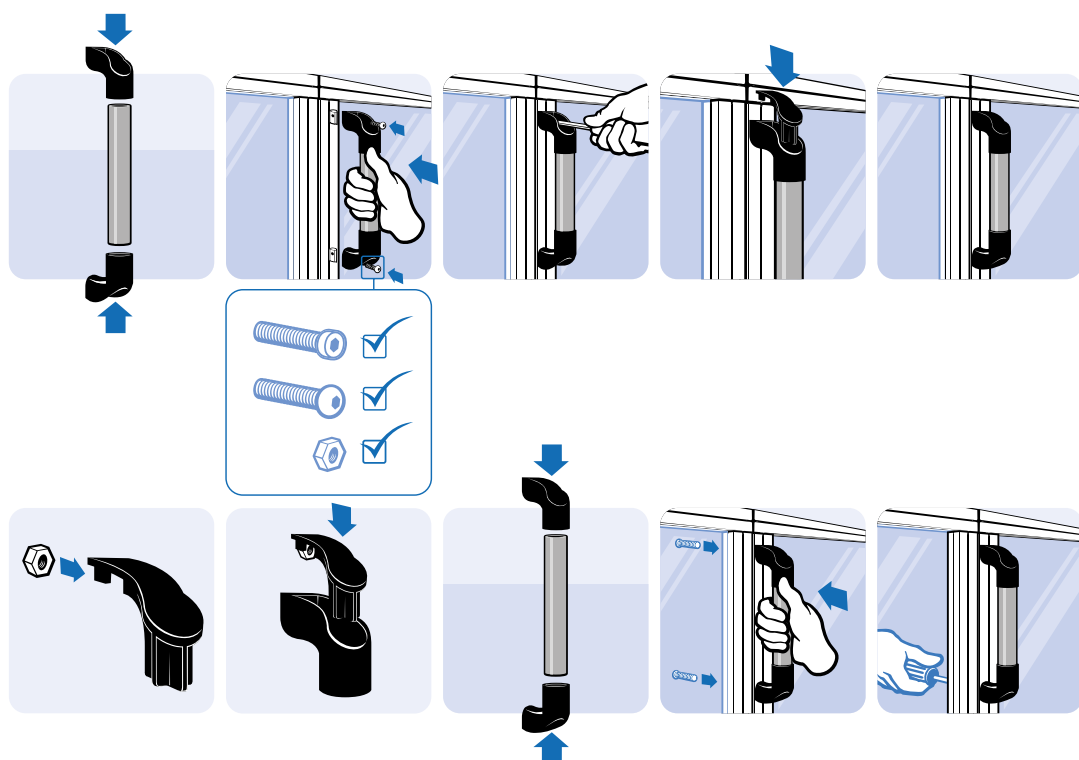


TUBES FOR SYSTEM HANDLE

<b>MODEL</b>	For combining with the end pieces
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Carbon fiber, aluminum, stainless steel, steel
<b>SURFACE</b>	Glossy finish, anodized, plain, plastic covered
<b>FASTENING</b>	End pieces for system handle
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	* For cut to length For the steel tube, please remove the plastic cover at the ends for installation in the end pieces



Fig.	Version	A [mm]	B [mm]	L [mm]	Weight [g]	Part #
②	Aluminum, anodized	200.0	240.8	70.0	17.0	092013A200
②	Aluminum, anodized	300.0	340.8	170.0	42.0	092013A300
②	Aluminum, anodized	400.0	440.8	270.0	67.0	092013A400
②	Aluminum, anodized	500.0	540.8	370.0	91.0	092013A500
②	Aluminum, anodized			*2000.0	490.0	092013A.2000
③	Stainless steel			*2000.0	1400.0	092013E.2000
④	Steel, plastic covered	400.0	440.8	270.0	203.0	092013S400
④	Steel, plastic covered	500.0	540.8	370.0	279.0	092013S500
④	Steel, plastic covered			*2000.0	1500.0	092013S.2000



**STRIP HANDLE (SET)**

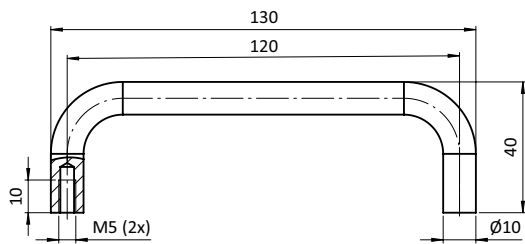
<b>MODEL</b>	Aluminum, anodized
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Strip handle: Aluminum Cover caps: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Strip handle: Anodized
<b>COLOR</b>	Cover caps: Black
<b>SET</b>	1 strip handle in length L [mm], 1 cover cap left, 1 cover cap right
<b>FASTENING</b>	From the front with holes drilled into the slot base, from the back with T-slot nuts in the strip handle
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other lengths on request
<b>TIP</b>	* Please note: You are ordering in meters! ** Please note: 1 set = 2 pieces



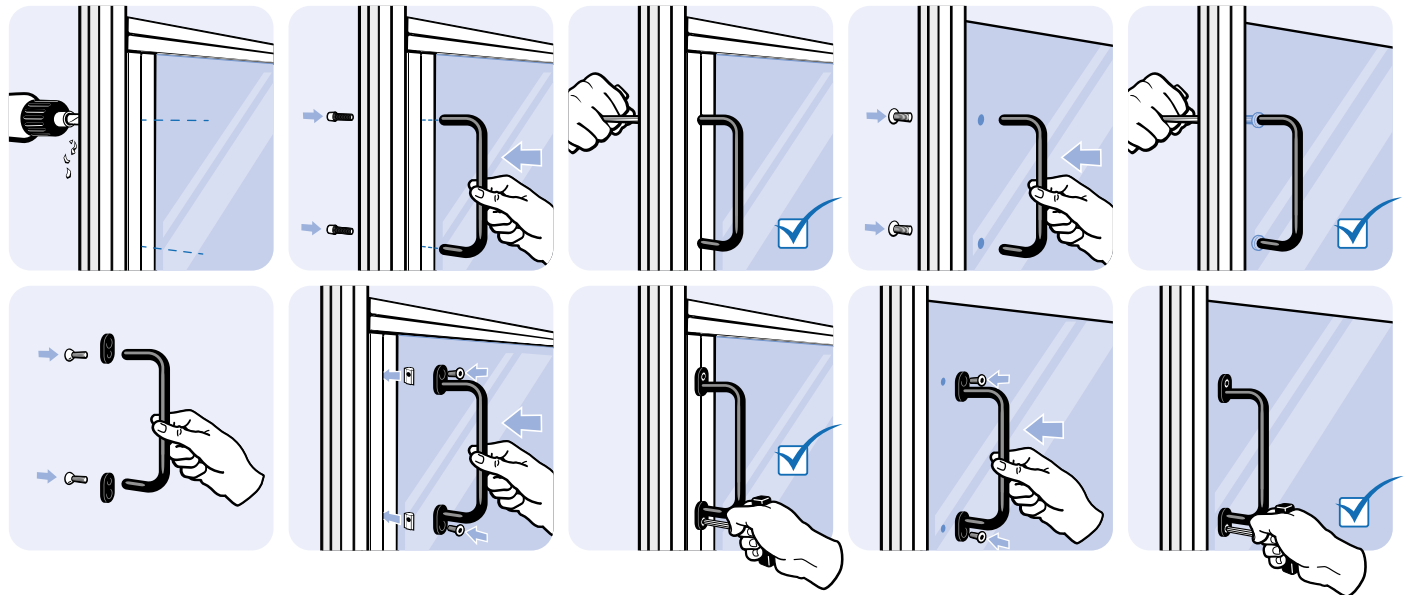
Fig.	Version	L [mm]	N	Weight [g]	Part #
①	Strip Handle*	1500.0	5	1152.0	092024
②	Set cover caps**			2.9	092021
	Strip handle 160 (set)	160.0	5	127.0	092023

**HANDLE AL 120**

<b>MODEL</b>	Aluminum, 120 mm
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Powder coated / anodized
<b>COLOR</b>	Black, aluminum color
<b>FASTENING</b>	From the back, using M5 screws; From the front with optional fastening set
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Fastening Set see 092330

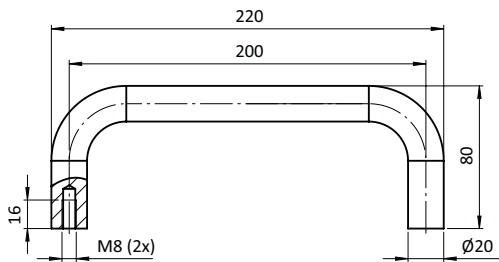


Surface	Color	Weight [g]	Profile	Part #
Powder coated	Black	36.0	I	<a href="#">092326</a>
Anodized	Alu color	36.0	I	<a href="#">092339</a>

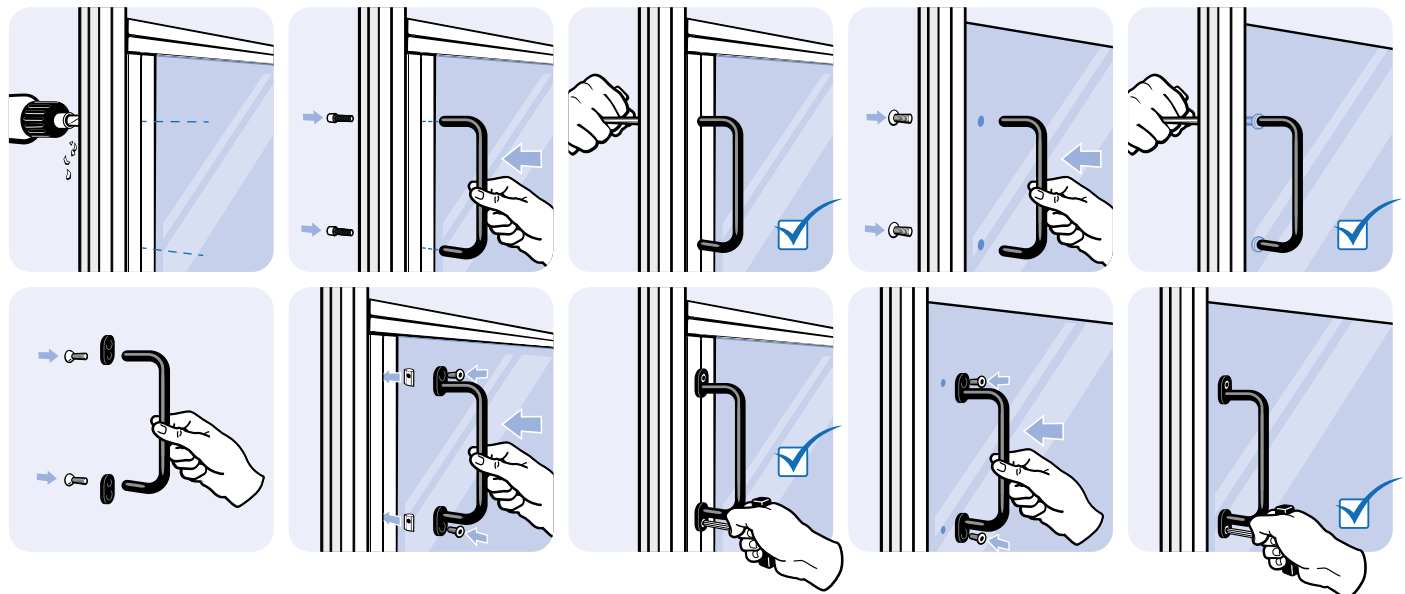


**HANDLE AL 200**

<b>MODEL</b>	Aluminum, 200 mm
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Powder coated / anodized
<b>COLOR</b>	Black, aluminum color
<b>FASTENING</b>	From the back, using M8 screws; From the front with optional fastening set
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Fastening Set see 092331

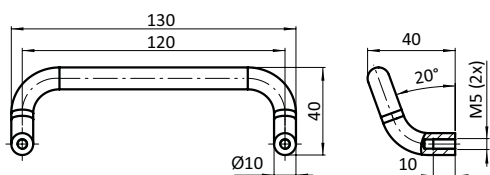


Surface	Color	Weight [g]	Profile	Part #
Powder coated	Black	261.0	I	092328
Anodized	Alu color	261.0	I	092338

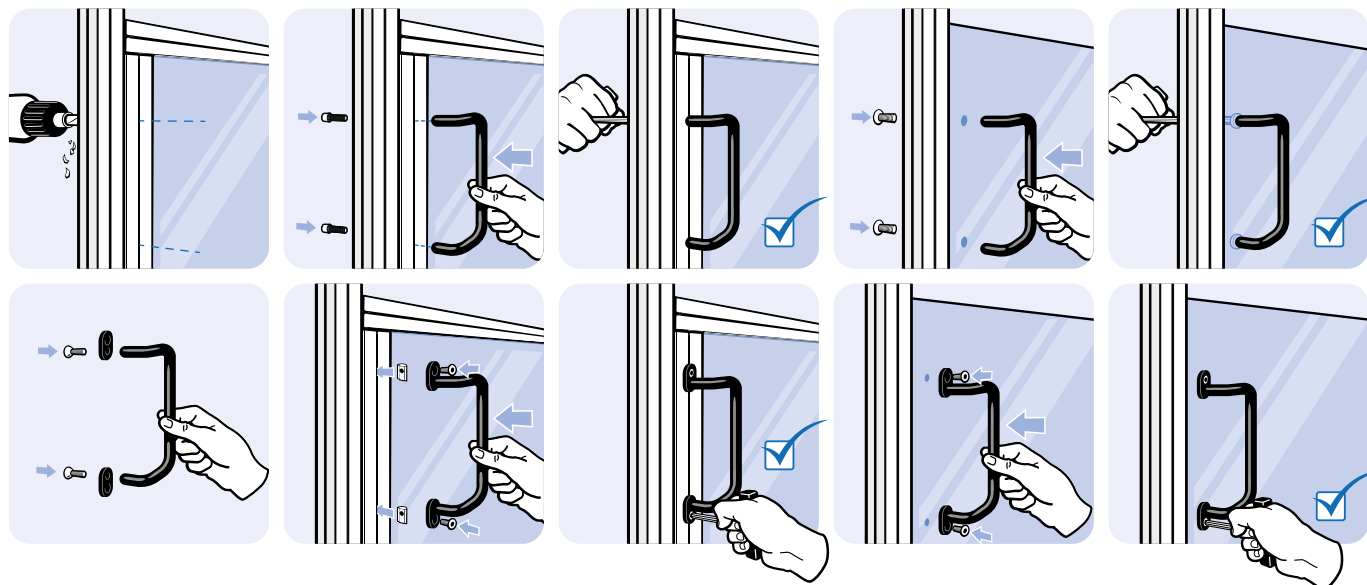


**HANDLE AL 120 BENDED**

<b>MODEL</b>	Aluminum, 120 mm
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Powder coated / anodized
<b>COLOR</b>	Black, aluminum color
<b>FASTENING</b>	From the back, using M5 screws; From the front with optional fastening set
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Fastening Set see 092330



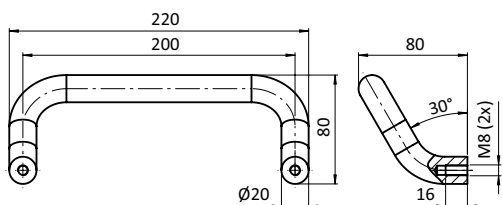
Surface	Color	Weight [g]	Profile	Part #
Powder coated	Black	44.0	I	<a href="#">092327</a>
Anodized	Alu color	44.0	I	<a href="#">092335</a>



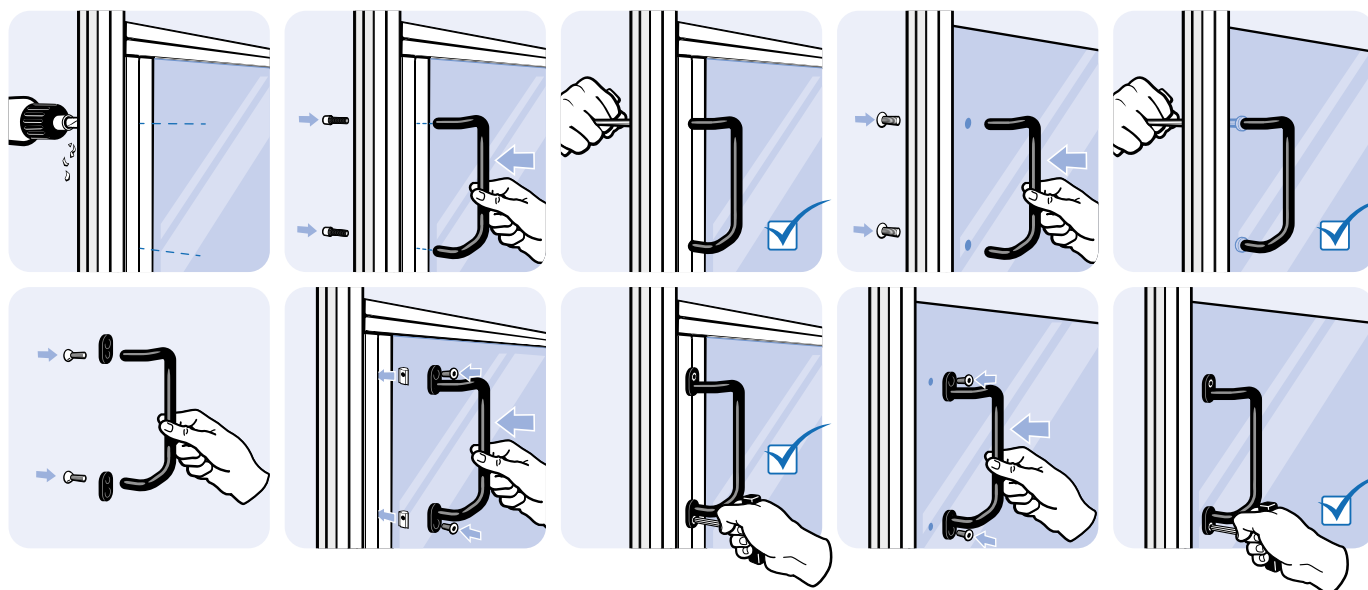


**HANDLE AL 200 BENDED**

<b>MODEL</b>	Aluminum, 200 mm
<b>DESCRIPTION</b>	To mount on doors, flaps and aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Powder coated / anodized
<b>COLOR</b>	Black, aluminum color
<b>FASTENING</b>	From the back, using M8 screws; From the front with optional fastening set
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Fastening Set see 092331

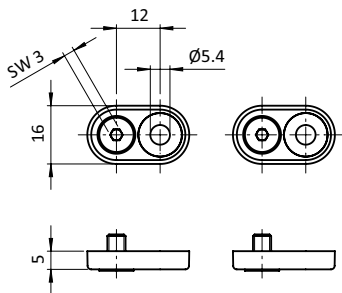


Surface	Color	Weight [g]	Profile	Part #
Powder coated	Black	314.0	I	092329
Anodized	Alu color	314.0	I	092337



**FASTENING SET FOR HANDLE AL 120**

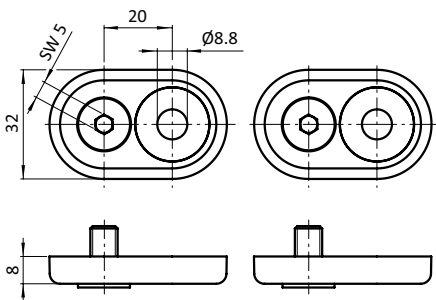
<b>MODEL</b>	Zinc die-cast, 120 mm
<b>DESCRIPTION</b>	For front mounting of the handles AL 120
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>SET</b>	2 fastenings 2 screws DIN 7991 - M5 x 10
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Handles AL 200 see 092326 and 092330



Color	Weight [g]	Profile	Part #
Black	24.0	I	<a href="#">092330</a>
Alu color	24.0	I	<a href="#">092334</a>

**FASTENING SET FOR HANDLE AL 200**

<b>MODEL</b>	Zinc die-cast, 200 mm
<b>DESCRIPTION</b>	For front mounting of the handles AL 200
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>SET</b>	2 fastenings, 2 screws DIN 7991 - M8 x 18
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Handles AL 200 see 092328 and 092329



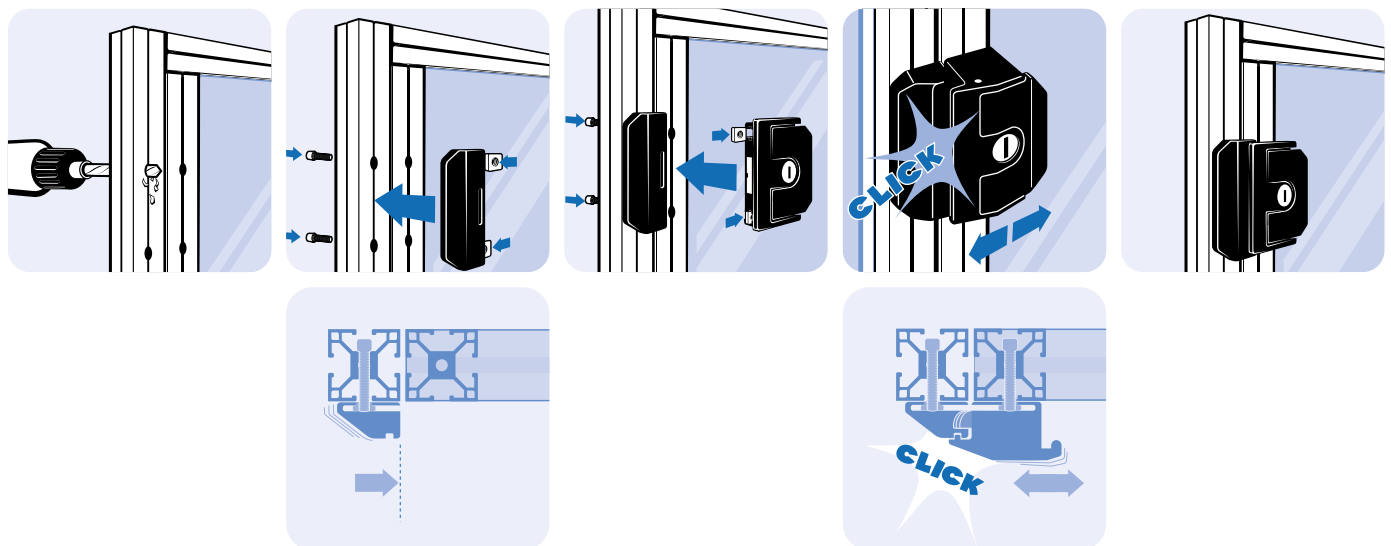
Color	Weight [g]	Profile	Part #
Black	141.0	I	<a href="#">092331</a>
Alu color	141.0	I	<a href="#">092336</a>

**SLAM LATCH ZN**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	To securely close doors and flaps
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the back, using M6 screws
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	* Universal: One key fits all slam latches Unique: Each slam latch has a different key



	Lock	Weight [g]	Part #
	Universal*	560.0	<a href="#">0957101</a>
	Unique*	560.0	<a href="#">0957201</a>
	without	560.0	<a href="#">0957301</a>





## SLAM LATCHES COMPACT + PRO

### Everything Under Control – Slam Latches by FATH



- Modern, symmetrical **FATH** design
- Ideal for assembly on aluminum profiles
- Simple and flexible mounting without mechanical effort
- Lockable
- Sturdy aluminum housing for harsh environments
- Also available with integrated safety function
- Protection of safety doors and flaps up to Cat. 4 / PLe

### HIGHLIGHTS

**FATH** Slam Latches are multifunctional door handles for protecting safety guards such as doors and flaps on machines and installations.

The compact and symmetrical design permits simple mounting on profile rails and allows use on doors hinged on the left and right. The metal housing suitable for industrial use features a sturdy door stop and is ideal for use in a harsh environment.

**SIMPLE  
SECURE &  
PROTECT**



#### Protected from disassembly

All Slam Latches designed by **FATH** can be mounted from the front side, in particular on aluminum profiles, using T-slot nuts or hammer nuts. The cover caps attached are safe against removal as long as the latch is locked, thus preventing an unwanted disassembly of the slam latch.

# AVAILABLE IN DIFFERENT VERSIONS

## Double door? No problem for the twin version!

You have a double door with center mullion and want to lock it? Then we have the solution: The **FATH Slam Latch Compact** is also available in the twin version. This allows simultaneous and selective opening of both doors.



## Different locks to choose from

The **FATH Slam Latch Compact** is available in different versions. The following locks are available:

- without lock
- same lock
- different locks
- square lock
- double-bit lock



## Also suitable for sliding doors

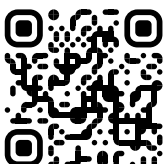
With the Slide Door Latch Compact you can also provide for the locking of sliding doors. We also offer this version with different locks in black powder-coated.



## Powder coated Versions

**FATH Slam Latches** are available as die-cast aluminum or die-cast zinc parts. The die-cast aluminum versions are also available in black powder-coated or aluminum powder-coated.

An emergency opener is also available for emergencies. With this, the latch locks can be emergency unlocked on the back.

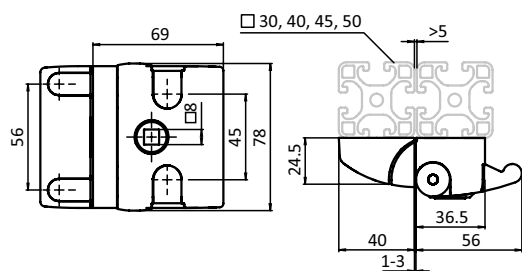


Get to know it  
better now!

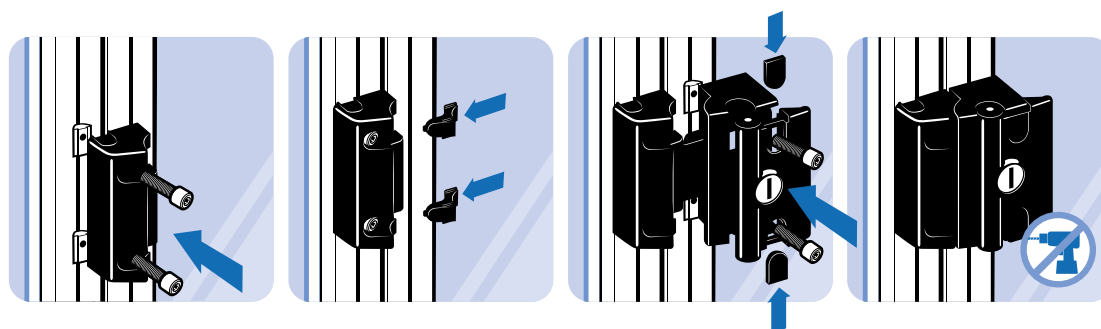
[slam-latch.fath24.com](http://slam-latch.fath24.com)

**SLAM LATCH COMPACT**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	For an easy and secure latching and locking of doors and flaps, no mechanical preparation needed for the assembly; safe against disassembling in the locked position
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black, aluminum color
<b>FASTENING</b>	From the front, using M6 socket head or pan head screws
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	* Universal: One key fits all slam latches Unique: Each slam latch has a different key; ** With double-bitted key Compatible Emergency Opener for Slam Latch see 0957409 et sq.

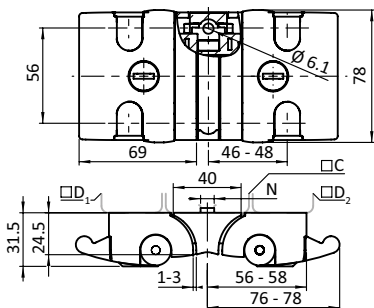


Version	Color	Lock	Weight [g]	Part #
Black powder coated	Black	Universal*	235.5	<a href="#">0957408</a>
	Black	Unique*	235.5	<a href="#">0957411</a>
	Black	without	204.0	<a href="#">0957410</a>
	Black	Square lock	220.0	<a href="#">0957431</a>
	Black	Double-bit lock**	220.0	<a href="#">0957432</a>
Alu color powder coated	Alu color	Universal*	235.5	<a href="#">0957408S01</a>
	Alu color	Unique*	235.5	<a href="#">0957411S01</a>
	Alu color	without	204.0	<a href="#">0957410S01</a>

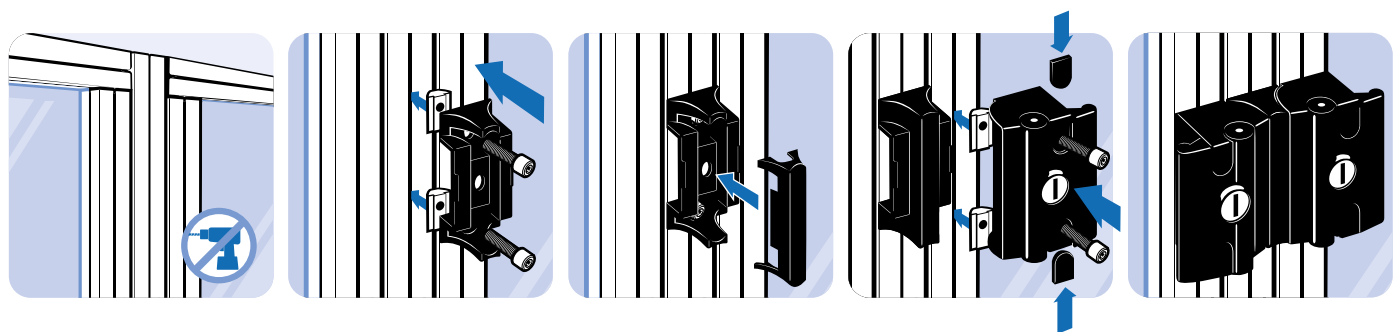


TWIN SLAM LATCH COMPACT

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	For an easy and secure latching and locking of doors and flaps, no mechanical preparation needed for the assembly; Safe against disassembling in the locked position; Provides selective access by use of a single post; With separate locating pins for slot 8 and slot 10
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 socket head or pan head screws
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other combinations of slam latches on request
<b>TIP</b>	* Universal: One key fits all slam latches; Unique: Each slam latch has a different key Compatible Emergency Opener for Slam Latch see 0957409 et sq.



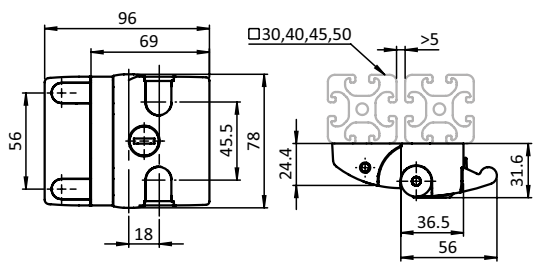
C (D1/D2) [mm]	Lock	N	Weight [g]	Part #
40 (30, 38 - 1.5", 40, 45); 45 (30, 38 - 1.5", 40, 45); 50 (30, 38 - 1.5", 40, 45); 60 (30)	Universal*	- / 8 / 10	448.0	<b>0957420S01</b>
40 (30, 38 - 1.5", 40, 45); 45 (30, 38 - 1.5", 40, 45); 50 (30, 38 - 1.5", 40, 45); 60 (30)	Unique*	- / 8 / 10	448.0	<b>0957420S02</b>



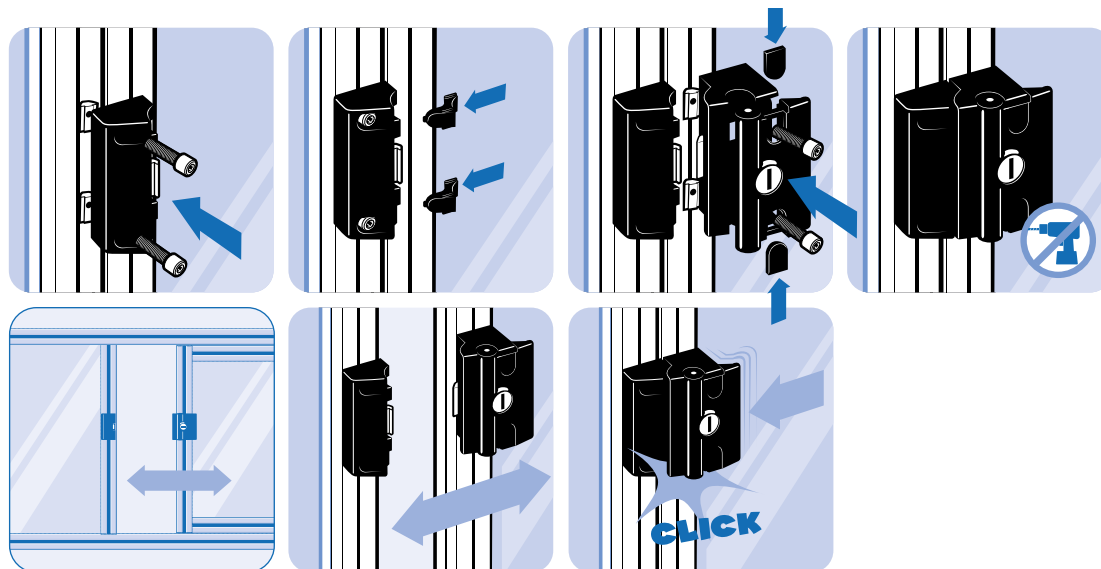


**SLIDE DOOR LATCH COMPACT**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	For an easy and secure latching and locking of sliding doors, no mechanical preparation needed for the assembly; safe against disassembling in the locked position
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 socket head or pan head screws
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	* Universal: One key fits all slam latches Unique: Each slam latch has a different key Compatible Emergency Opener for Slam Latch with Safety Catch see 0957409S02, additional inside mounted handle recommended



Lock	Weight [g]	Part #
Universal*	246.0	<a href="#">0957415</a>
Unique*	246.0	<a href="#">0957416</a>
without	216.0	<a href="#">0957417</a>

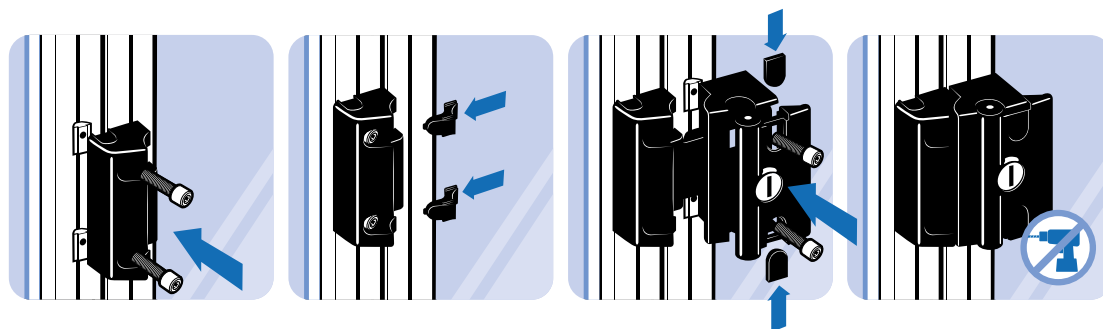


**SLAM LATCH PRO**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	For an easy and secure latching and locking of doors and flaps, no mechanical preparation needed for the assembly; Safe against disassembling in the locked position
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M6 socket head or pan head screws
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	* Universal: One key fits all slam latches Unique: Each slam latch has a different key Compatible Emergency Opener for Slam Latch see 0957409 et sq.

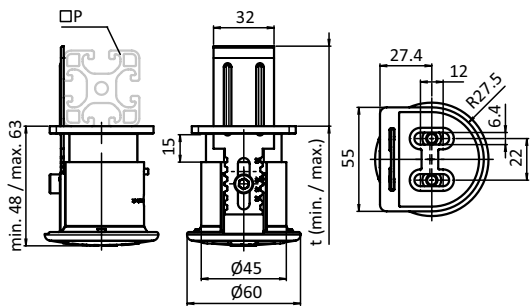


Lock	Weight [g]	Part #
Universal*	370.0	<a href="#">0957404</a>
Unique*	370.0	<a href="#">0957405</a>
without	340.0	<a href="#">0957406</a>

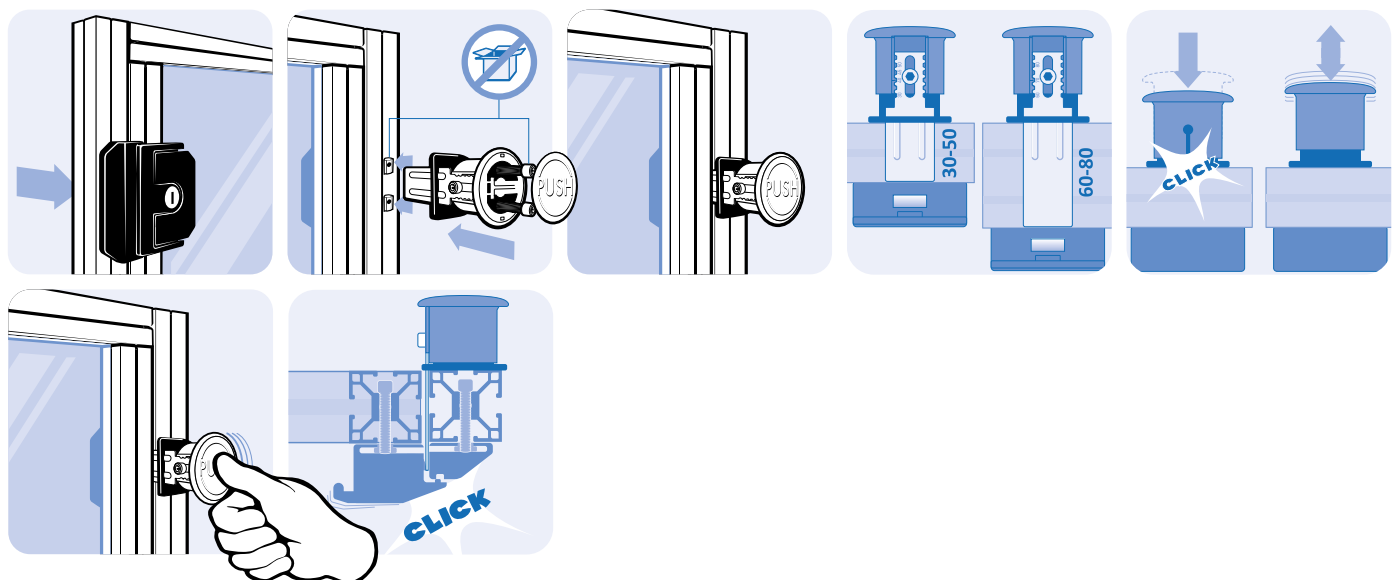


**EMERGENCY OPENER FOR SLAM LATCH**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Inside emergency release for slam latches PRO and Compact; with or without safety catch
<b>MATERIAL</b>	Base part: Plastic PA, glass fiber reinforced Push button: Plastic PA, glass fiber reinforced Unlocking plate: Steel
<b>SURFACE</b>	Unlocking plate: Zinc plated
<b>COLOR</b>	Base part: Black Push button: Red ≈ RAL 3020
<b>FASTENING</b>	From the front, using two socket head screws DIN EN ISO 4762 (DIN 912) M6 x 20
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Recommendation for slide door latch Compact 0957415 et sq.: Emergency opener for slam latch with safety catch and an inside mounted handle; Not compatible with slam latch 0957101 et sq.

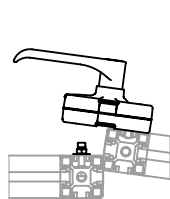
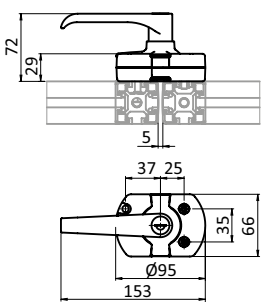


Version	t (max.) [mm]	t (min.) [mm]	P [mm]	Weight [g]	Part #
With safety catch	50	30	30-50	110.8	0957409
	80	60	60-80	115.4	0957409S03
Without safety catch	50	30	30-50	110.8	0957409S02

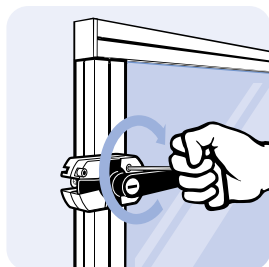
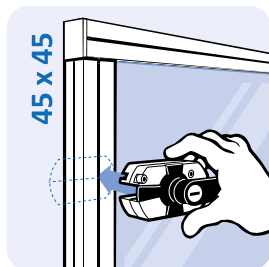
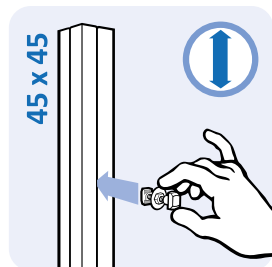


**DOOR LOCK (SET)**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	For an easy and secure latching and locking of swing and sliding doors, no mechanical preparation needed for the assembly
<b>MATERIAL</b>	Housing: Aluminum die-cast Cross: Aluminum die-cast Handle: Zinc die-cast Fastening material: Steel
<b>SURFACE</b>	Housing: Lacquered Cross: Powder coated Handle: Plastic coated Fastening material: Zinc plated
<b>COLOR</b>	Housing: Alu color Cross: Lack Handle: Black
<b>SET</b>	1 door lock, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 30, 1 washer 6-FSt, 1 anchor - M6, 1 nut DIN 934 - M6, 1 washer DIN 9021 form A - 6.4, 3 hammer nut - slot 8 - M6, 3 hammer nut - slot 10 - M6
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	* Universal: One key fits all slam latches Unique: Each door lock has a different key ** With double-bitted key

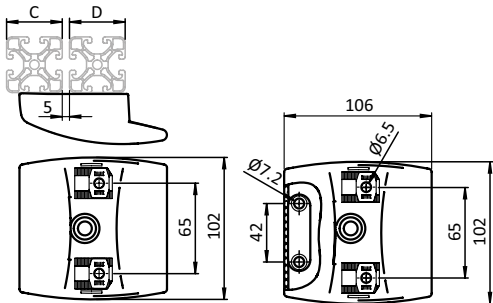


	Lock	Weight [g]	Part #
	Unique*	407.0	0957505
	Universal*	407.0	0957504
	Double-bit lock **	407.0	0957506



**MAGNETIC CATCH HANDLE COMPACT**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Quick fastener for doors; adjustable
<b>MATERIAL</b>	Catch handle: Plastic PA, glass fiber reinforced Buffer: TPE, ≈ 90 Shore A Magnet: Neodymium Spring: Stainless steel Counter plate: Steel
<b>SURFACE</b>	Spring: Plain Counter plate: Zinc plated
<b>COLOR</b>	Catch handle: Black Buffer: Black
<b>FASTENING</b>	Catch handle: From the front with using cylinder or button head screws M6 Counter plate: From the front with countersunk M5
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request



5

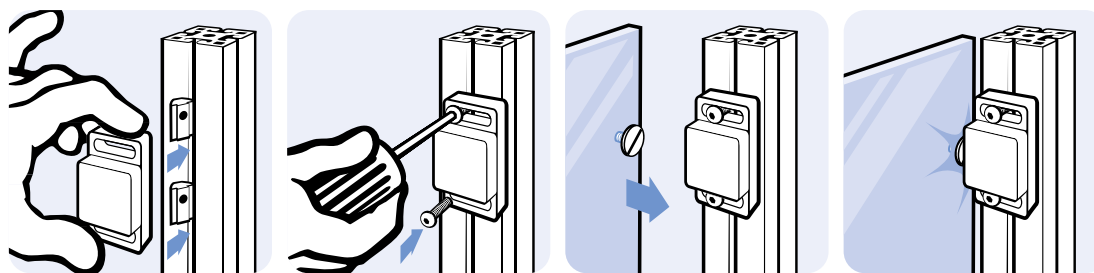
Locking Force	C (D) [mm]	Weight [g]	Part #
25 N	30 (38 - 1.5", 40, 45, 50, 60); 40 (38 - 1.5", 40, 45, 50, 60); 45 (38 - 1.5", 40, 45, 50); 50 (38 - 1.5", 40, 45, 50); 60 (30, 38 - 1.5", 40)	168.0	<b>0957601</b>

**MAGNETIC CATCH 20 (SET)**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	A quick locking device for doors, adaptable to the thickness of the panel units
<b>MATERIAL</b>	Magnetic catch: Plastic PA, glass fiber reinforced Assembly set: Steel Angle bracket: Aluminum
<b>COLOR</b>	Magnetic catch: Black
<b>SET 1</b>	1 magnetic catch 20, 1 pan head screw DIN 921 - M4 x 5
<b>SET 2</b>	1 magnetic catch 20, 1 counter plate 14 x 41 x 2 mm, 2 screws ISO 7380 - M4 x 10, 1 angle bracket
<b>FASTENING</b>	Using screws M4
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

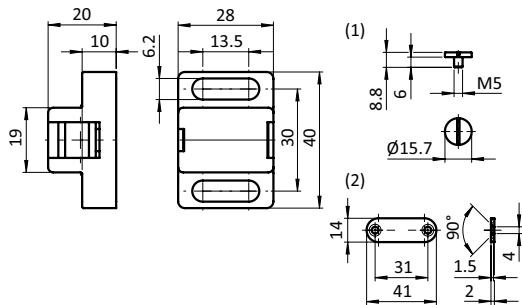


Fig.	Set	Locking Force	Weight [g]	Part #
①	Set 1	Approx. 5 N front / 3 N back	9.0	<b>093094</b>
②	Set 2	Approx. 5 N front / 3 N back	33.0	<b>093046</b>



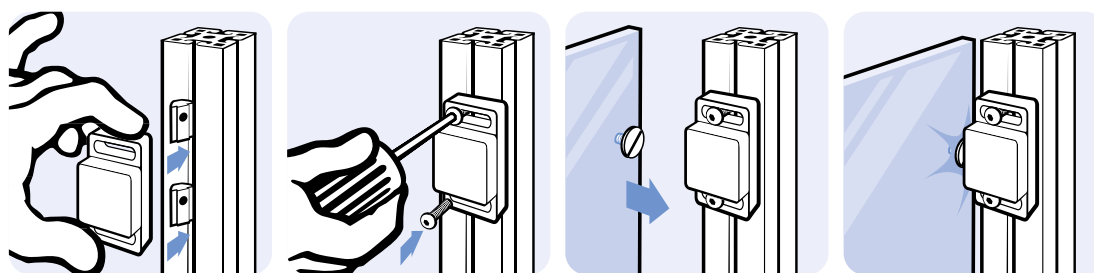
**MAGNETIC CATCH 30 (SET)**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	A quick locking device for doors, adaptable to the thickness of the panel units
<b>MATERIAL</b>	Magnetic catch: Plastic PA, glass fiber reinforced Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>COLOR</b>	Magnetic catch: Black, gray
<b>SET 1</b>	1 magnetic catch 30, 1 flat head screw DIN 921 - M5 x 6
<b>SET 2</b>	1 magnetic catch 30, 1 flat head screw DIN 921 - M5 x 6, 1 counter plate 14 x 41 x 2 mm
<b>FASTENING</b>	Magnetic catch: using M6 screws Counter plate: using M4 countersunk screws
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



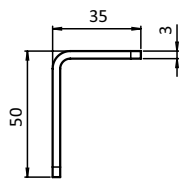
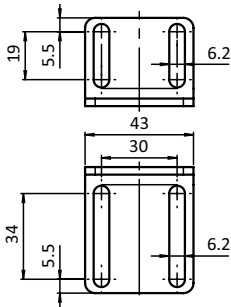
5

Color	Set	Locking Force	Weight [g]	Part #
Black	Set (2)	Approx. 20 N front / 10 N back	45.9	<b>093040</b>
Gray ≈ RAL 7042	Set (2)	Approx. 20 N front / 10 N back	45.9	<b>093040S09</b>
Black	Set (1)	Approx. 20 N front / 10 N back	39.0	<b>093044</b>
Gray ≈ RAL 7042	Set (1)	Approx. 20 N front / 10 N back	39.0	<b>093044S01</b>



**ANGLE BRACKET FOR MAGNETIC CATCH 30**

<b>MODEL</b>	Steel, zinc plated
<b>DESCRIPTION</b>	To versatile position the magnetic catch 30
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

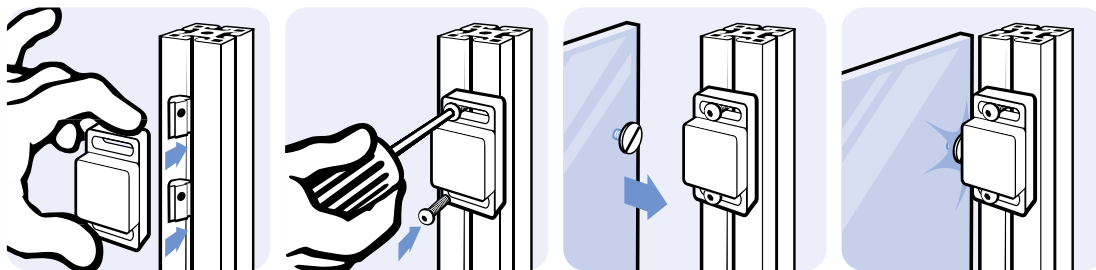


Weight [g]

Part #

62.0

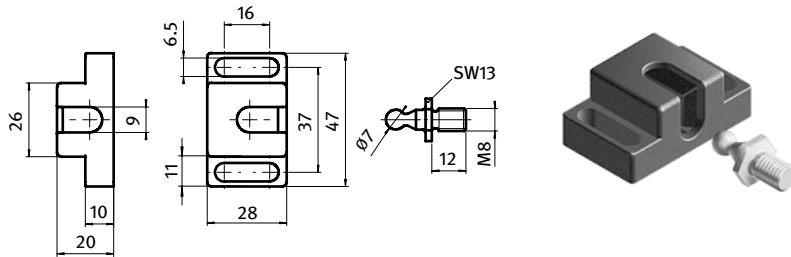
093040W





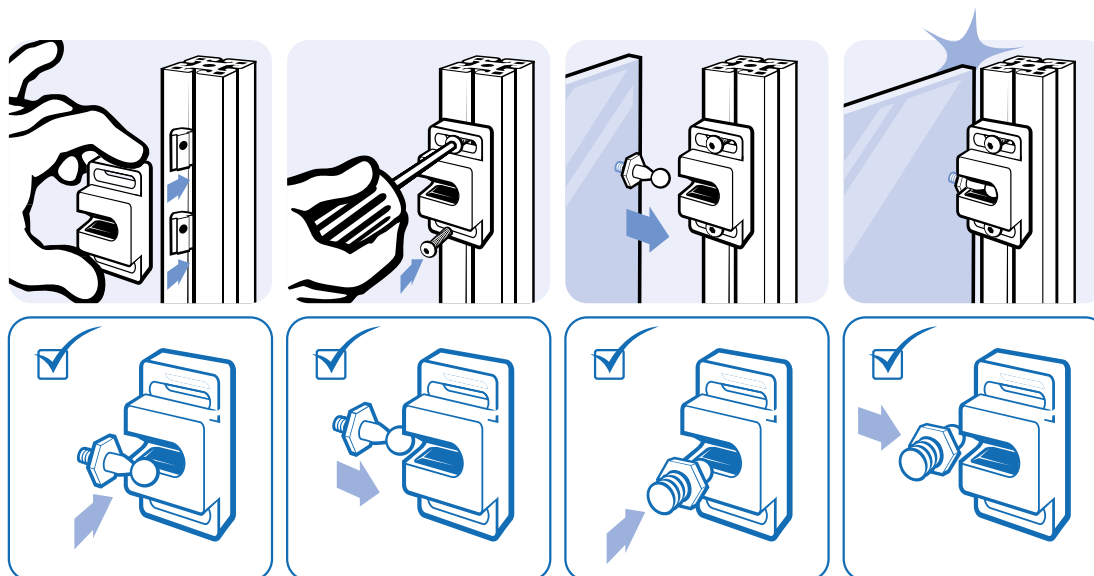
**BALL CATCH 30**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	A quick locking device for doors, adaptable to the thickness of the panel units
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>FASTENING</b>	Using screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



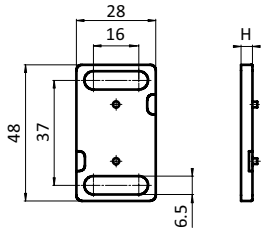
Version	Color	Locking Force	Counter Screw	Weight [g]	Part #
Light	Black	~ 40 N	Zinc plated steel	45.0	<a href="#">093045</a>
	Black	~ 40 N	Stainless steel	45.0	<a href="#">093045S03</a>
	Gray ≈ RAL 7042	~ 40 N	Zinc plated steel	45.0	<a href="#">093045S06</a>
	Gray ≈ RAL 7042	~ 40 N	Stainless steel	45.0	<a href="#">093045S07</a>
Strong	Black	~ 50 N	Zinc plated steel	45.0	<a href="#">093043</a>
	Black	~ 50 N	Stainless steel	45.0	<a href="#">093043S02</a>
	Gray ≈ RAL 7042	~ 50 N	Zinc plated steel	45.0	<a href="#">093043S03</a>
	Gray ≈ RAL 7042	~ 50 N	Stainless steel	45.0	<a href="#">093043S04</a>

5

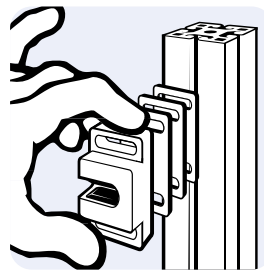


**SPACER FOR BALL CATCH 30**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To increase the distance to the aluminum profile
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

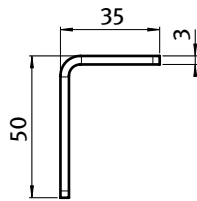
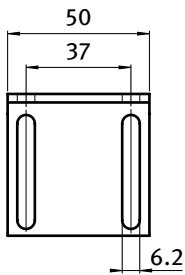


H [mm]	Weight [g]	Part #
4.0	5.0	<a href="#">093043A4</a>

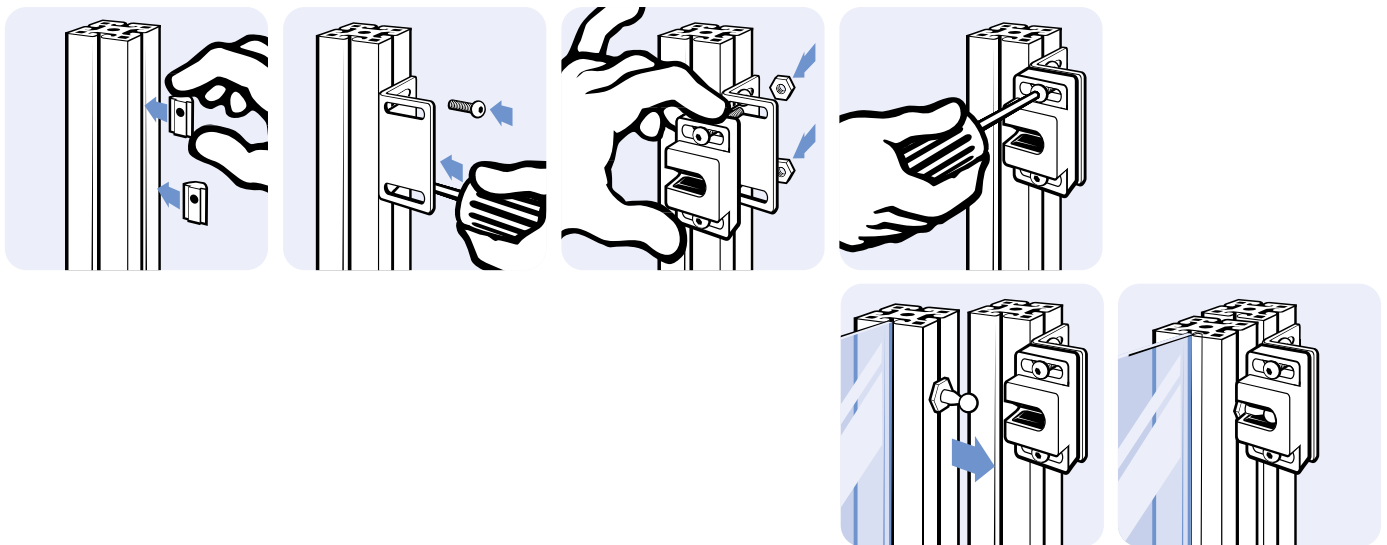


**ANGLE BRACKET FOR BALL CATCH 30**

<b>MODEL</b>	Steel, zinc plated
<b>DESCRIPTION</b>	To position the ball catch
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

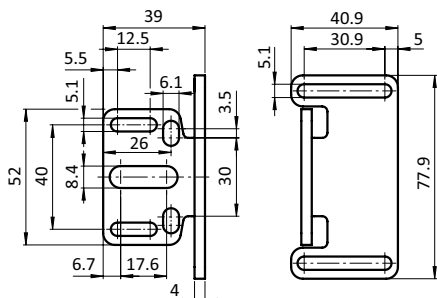


Weight [g]	Dimensions [mm]	Part #
72.4	50 x 50 x 35	093043W

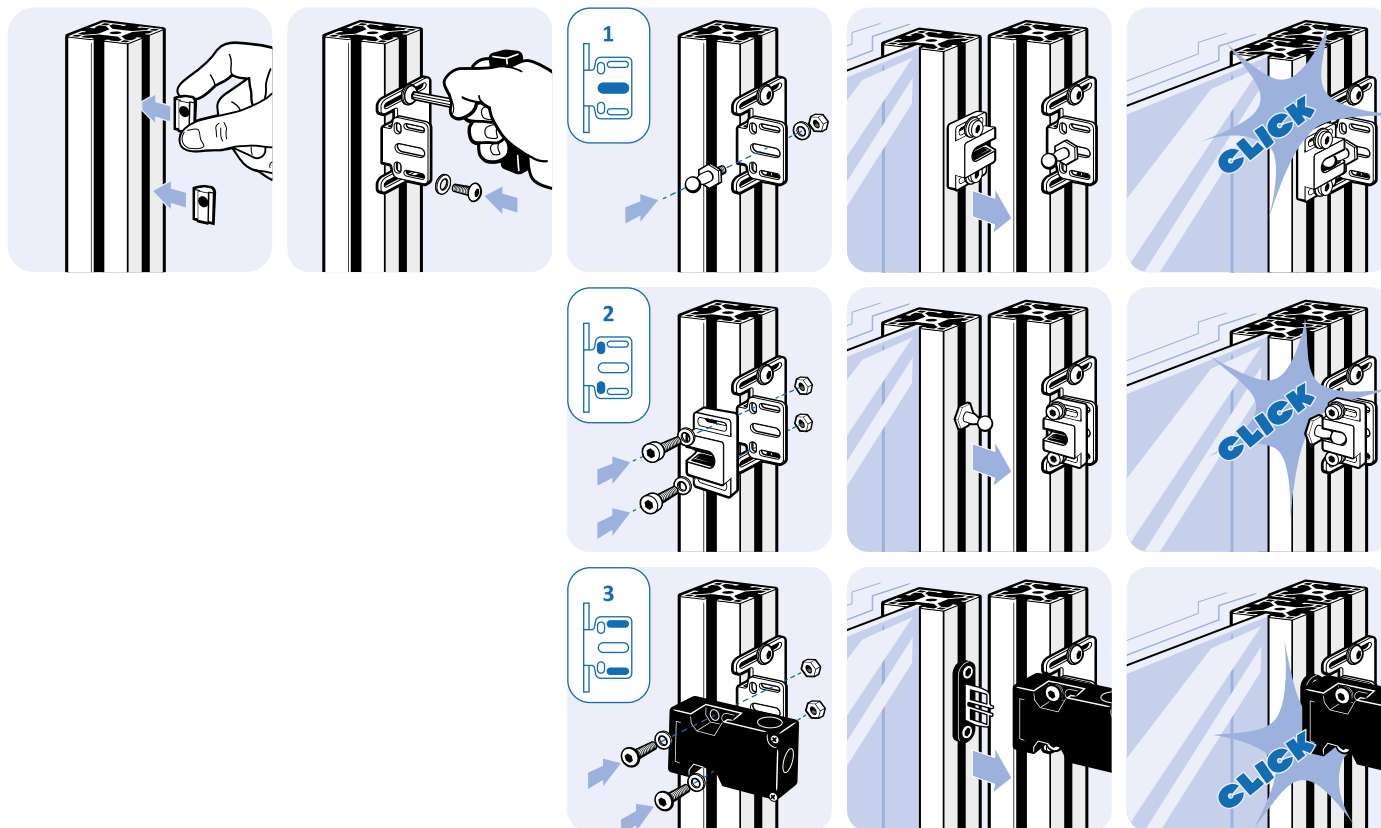


ANGLE BRACKET FOR BALL CATCH 30 / SAFETY SWITCH AZ 16

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To flexibly position the housing or ball pin of the ball catch 30 or a safety switch Schmersal AZ 16
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other sizes, other surfaces on request
<b>TIP</b>	Compatible Ball Catch 093043, 093043S02, 093045, 093045S03

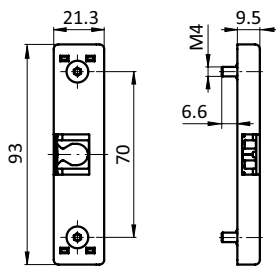


Weight [g]	Profile	Part #
111.0	I	093043WS02



**DOOR LATCH (SET)**

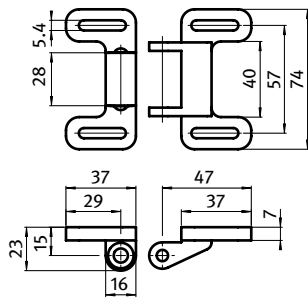
<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	Quick fastener for swing doors, to be mountend in a min. 12 mm gap between door and post
<b>MATERIAL</b>	Door latch: Zinc die-cast Cover cap: Plastic PA, glass fiber reinforced 2 countersunk screws M4: Steel
<b>SURFACE</b>	Door latch: Plain 2 countersunk screws M4: Zinc plated
<b>COLOR</b>	Black
<b>SET</b>	1 door latch, 2 screws DIN 7991 (ISO 10642) - M4 x 16
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other materials, other colors on request



Locking Force	Weight [g]	Part #
≈ 50 N	51.0	<b>093039</b>

**DOUBLE BALL CATCH PA**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	A quick locking device for doors and flaps with and without frame
<b>MATERIAL</b>	Housing standard version: Plastic PA, glass fibre reinforced Housing ESD electrostatical discharging version: Plastic PA, carbon fiber reinforced Ball: Stainless steel Bushing: Steel, zinc plated
<b>COLOR</b>	Black, gray
<b>FASTENING</b>	Using M5 screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request



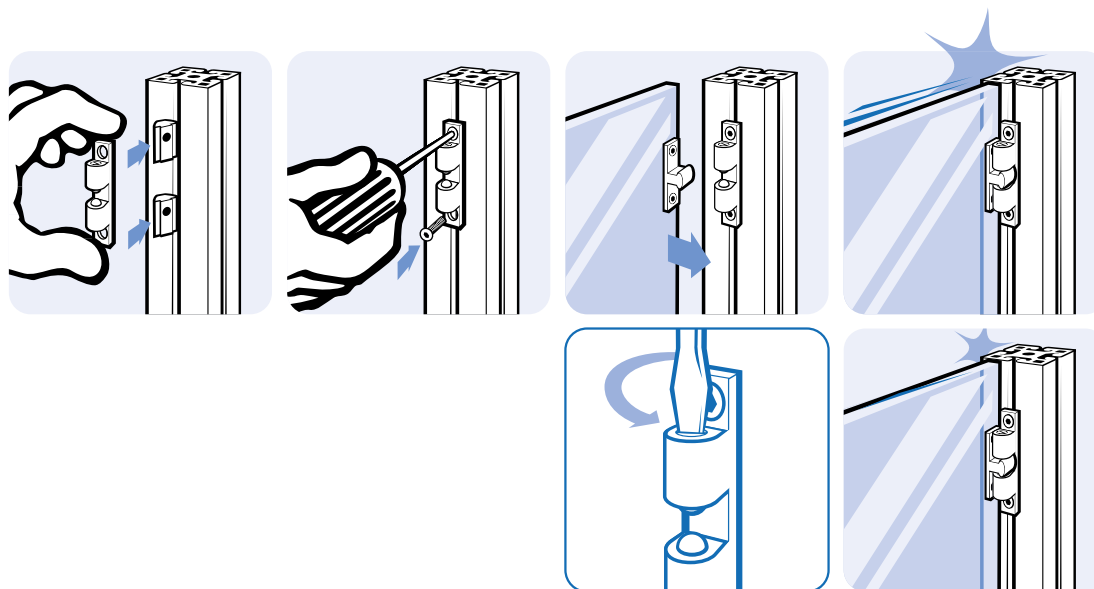
Color	ESD	Locking Force [N]	Weight [g]	Part #
Black		25	38.0	<a href="#">09304701</a>
	ESD electrostatical discharging	25	38.0	<a href="#">09304702</a>
Gray ≈ RAL 7004		25	38.0	<a href="#">09304701S02</a>

**DOUBLE BALL CATCH MS**

<b>MODEL</b>	Brass
<b>DESCRIPTION</b>	Quick catch for doors, adjustable clamping force, 2 possible positions (sideways / from the front)
<b>MATERIAL</b>	Body: Brass Threaded pin: Steel Spring: Stainless steel Ball: Stainless steel
<b>SURFACE</b>	Chrome plated
<b>COLOR</b>	Chrome
<b>FASTENING</b>	From the front, using countersunk screws
<b>PACK QUANTITY</b>	10 pieces

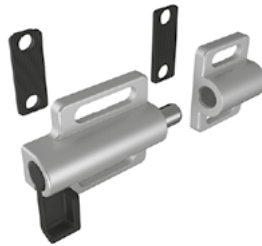
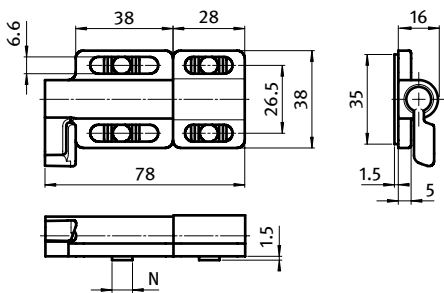


Screw	A1 [mm]	A2 [mm]	B1 [mm]	B2 [mm]	C1 [mm]	C2 [mm]	D1 [mm]	D2 [mm]	Weight [g]	Part #
M3	44.0	25.0	7.9	7.0	35.0	15.0	11.8	10.0	15.60	<a href="#">0930461</a>
M3	49.0	29.5	8.8	7.9	40.0	20.0	13.0	10.8	23.60	<a href="#">0930462</a>
M4	60.0	36.0	11.0	9.0	50.0	24.0	15.9	13.5	40.00	<a href="#">0930463</a>
M4	68.4	40.0	13.0	12.0	58.0	30.0	18.5	16.0	65.00	<a href="#">0930464</a>

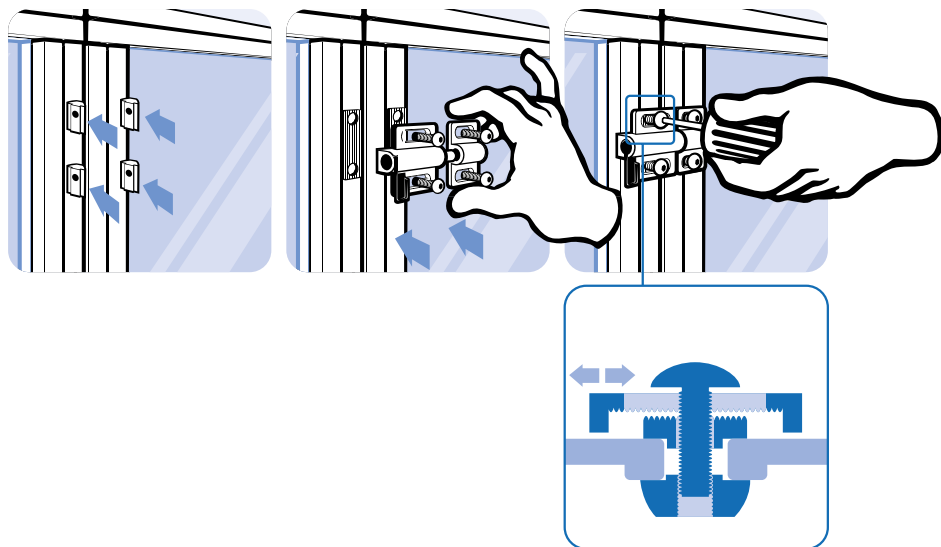


**DOOR LATCH**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	For easy closing of doors and flaps, with spring-loaded clamp; including separate slot fixation strips
<b>MATERIAL</b>	Housing: Zinc die-cast Pull handle: Plastic PA, Bolt: Stainless steel
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Housing: Alu color Handle: Black
<b>PACK QUANTITY</b>	10 pieces



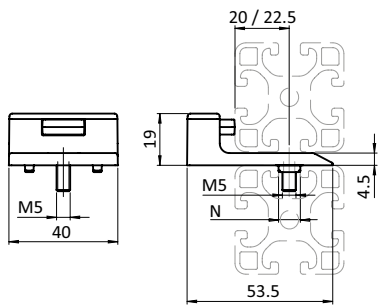
N	Weight [g]	Part #
- / 8 / 10	120.0	093082



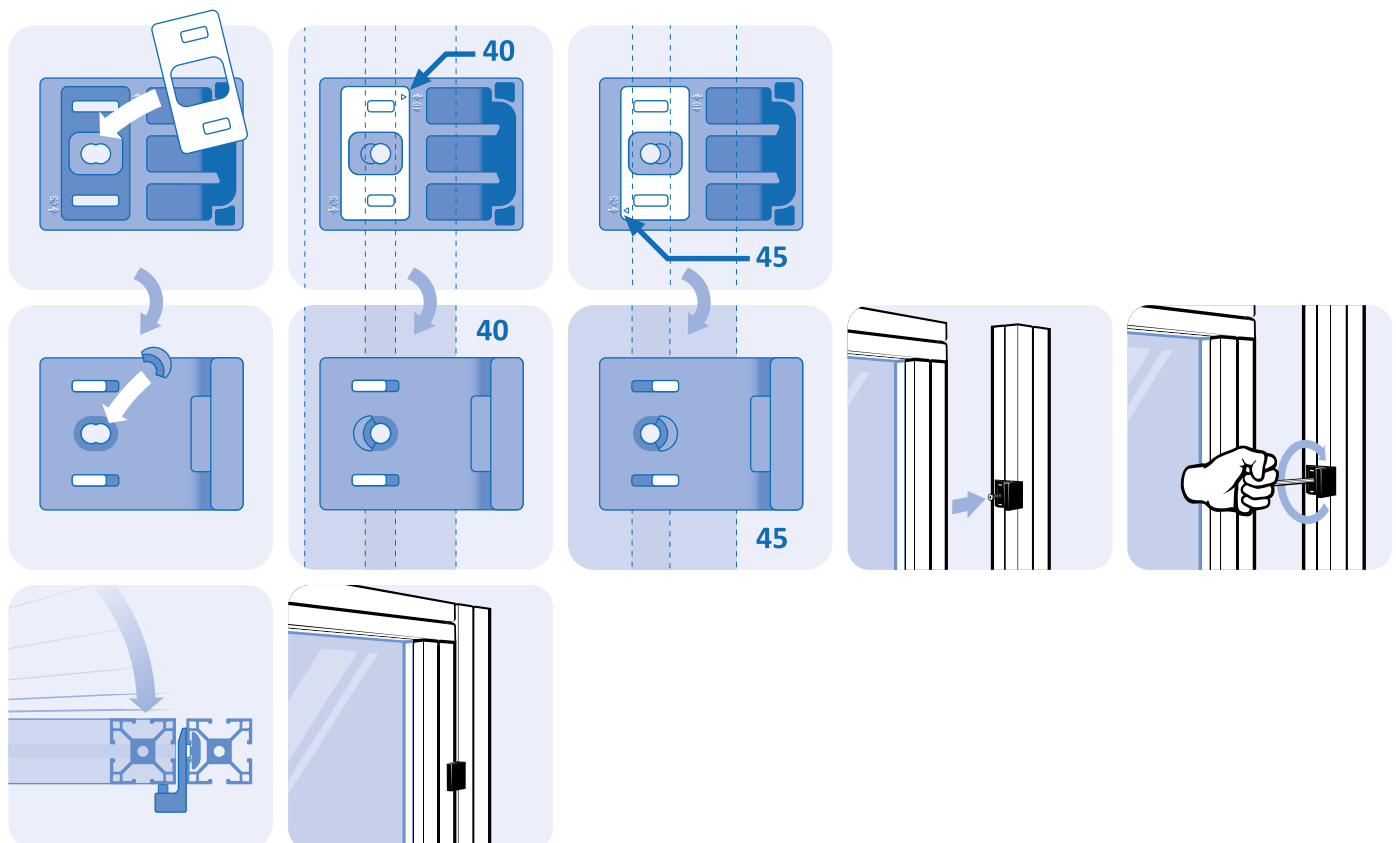


**DOOR STOP WITH EPDM DAMPER (SET)**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Easy to mount stop for doors and flaps
<b>MATERIAL</b>	Door stop: Plastic PA, glass fiber reinforced Damper: EPDM, ≈ 70 Shore A Locating pin: Zinc die-cast Screw: Steel Fixation element: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Locating pins: Plain Screw: Zinc plated
<b>COLOR</b>	Door stop: Black Damper: Black Fixation element: Black
<b>SET</b>	1 Door stop with EPDM Damper 1 Locating pin 1 Screw ISO 7991 - M5 x 14, 1 Fixation element
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other colors on request

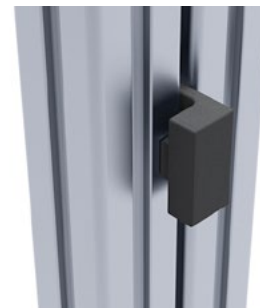
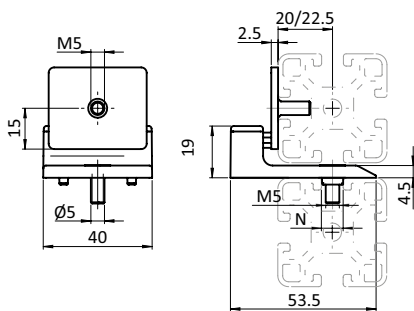


N	Weight [g]	Part #
8 / 10	26.0	093110

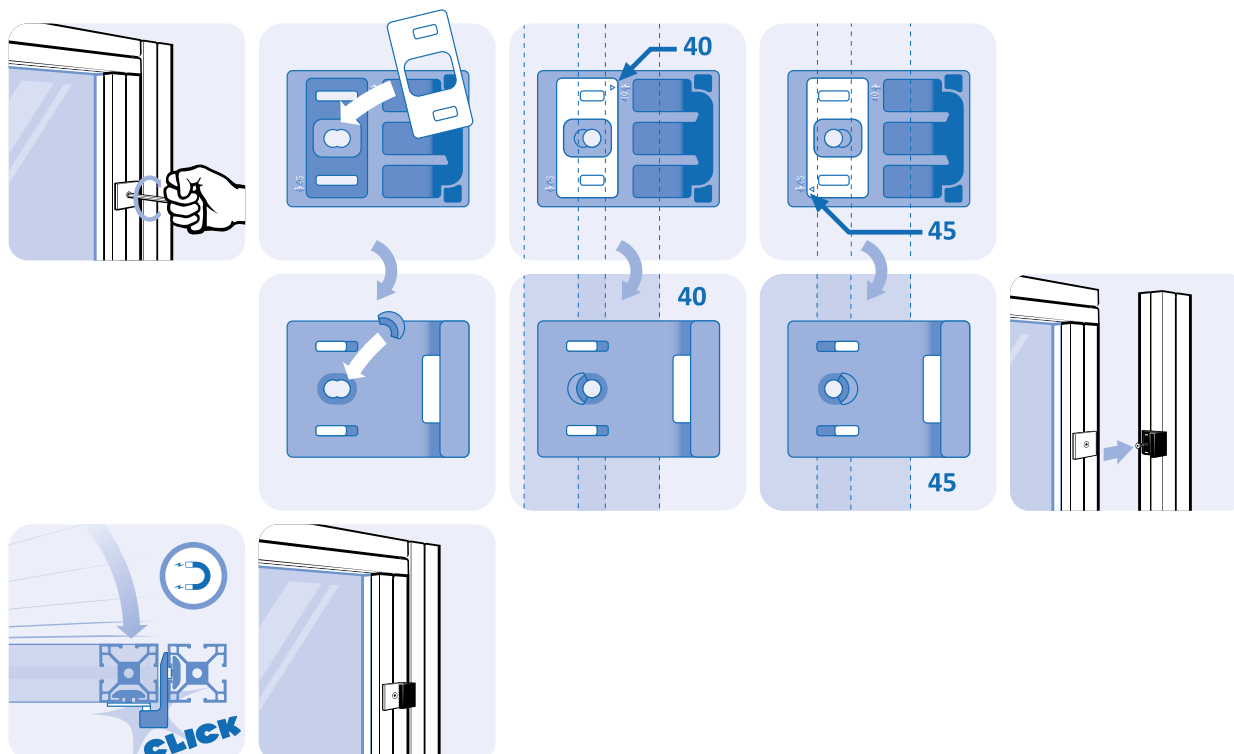


**DOOR STOP WITH MAGNETIC CATCH (SET)**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Easy to mount stop for doors and flaps
<b>MATERIAL</b>	Door stop: Plastic PA, glass fiber reinforced Magnet: Neodym Counter Plate: Steel Locating pin: Zinc die-cast Screws: Steel Fixation element: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Magnet: Plain Counter Plate: Zinc plated Locating pins: Plain Screws: Zinc plated
<b>COLOR</b>	Door stop: Black Fixation element: Black
<b>SET</b>	1 door stop 1 counter Plate 1 locating pin 2 screws ISO 7991 - M5 x 14, 1 fixation element
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other colors on request



Locking Force [N]	N	Weight [g]	Part #
30	8 / 10	53.0	093111



**SEALING STRIP B**

<b>MODEL</b>	Plastic PVC + TPE, Slot 8, 10
<b>DESCRIPTION</b>	To close doors sealed, flush, and non see through; with elastic sealing lip, covers the door gap
<b>MATERIAL</b>	Plastic PVC + TPE
<b>COLOR</b>	Gray ≈ RAL 7004
<b>PACK QUANTITY</b>	20 meters (10 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters!

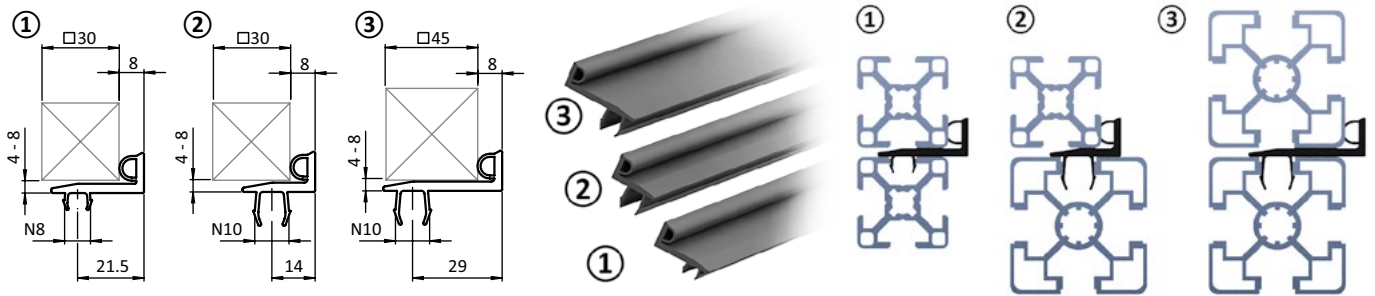
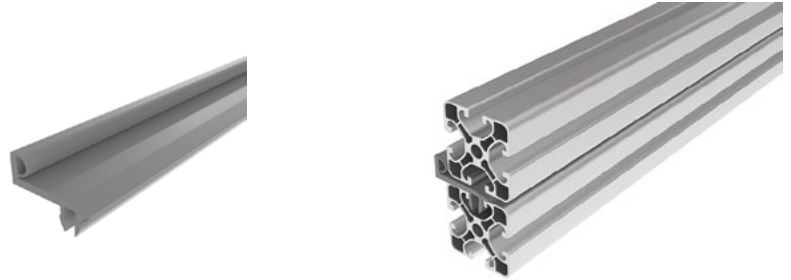
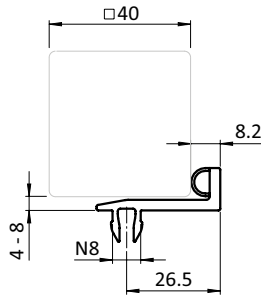


Fig.	Version	Slot	Weight [g/m]	Profile	Part #
①	For profile combination 30 / 30	8	140.0	B	<a href="#">092257</a>
②	For profile combination 45 / 30	10	134.0	B	<a href="#">092258</a>
③	For profile combination 45 / 45	10	180.0	B	<a href="#">092259</a>

**SEALING STRIP I**

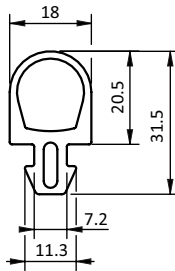
<b>MODEL</b>	Plastic PVC + TPE; slot 8
<b>DESCRIPTION</b>	To close doors sealed, flush, and non see through; with elastic sealing lip, covers the door gap
<b>MATERIAL</b>	Plastic PVC + TPE
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	20 meters (10 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters!



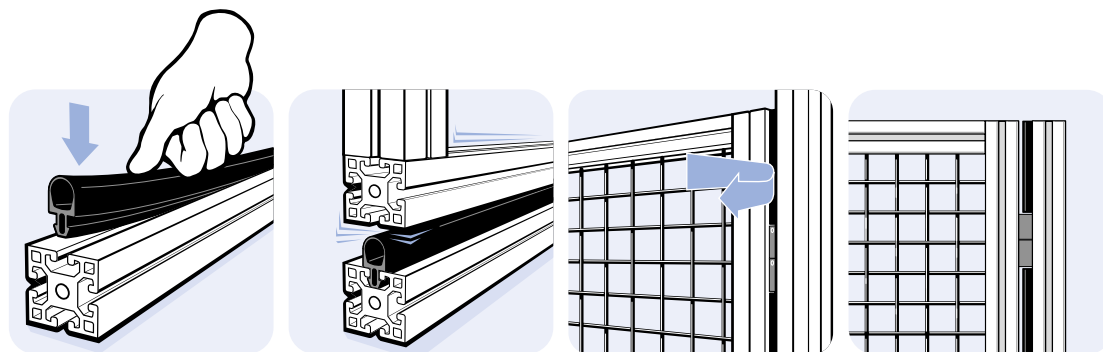
Slot	Weight [g/m]	Profile	Part #
8	239.0	I	<a href="#">092264</a>

**SEALING PROFILE SLOT 8 - 4.5 / 18 X 20**

<b>MODEL</b>	Plastic NBR, slot 8
<b>DESCRIPTION</b>	To close lifting and sliding doors sealed and non see through, can be used as stop; reduces the gap width of safety fences and partition walls
<b>MATERIAL</b>	Plastic NBR, ≈ 70 Shore A
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	20 meters (spool)
<b>TIP</b>	Please note: You are ordering in meters!



Slot	Weight [g/m]	Profile	Part #
8	252.0	I	092273





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**COMPONENTS WORK STATION**

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















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## COMPONENTS WORK STATION

	<b>MONITOR WORK STATION SIT / STAND 4-AXIS, PROFILE ATTACHMENT (SET)</b>	<b>688</b>		<b>ADHESIVE CLIP SLOT 8 - 4.5</b>	<b>719</b>
	<b>MONITOR SUSPENSION ARM SKY 600, HEIGHT ADJUSTABLE WITH LOCKING (SET)</b>	<b>692</b>		<b>ADHESIVE CLIP SLOT 10 - 6.0</b>	<b>720</b>
	<b>MONITOR SUPPORT 4-AXIS, HEIGHT ADJUSTABLE (SET)</b>	<b>693</b>		<b>CUP HOLDER</b>	<b>721</b>
	<b>MONITOR SUPPORT 5-AXIS, HEIGHT ADJUSTABLE (SET)</b>	<b>695</b>		<b>TOOL HANGER 5/6, 1 HOLE</b>	<b>722</b>
	<b>MONITOR MOUNT</b>	<b>697</b>		<b>TOOL HANGER 8, 1 HOLE</b>	<b>723</b>
	<b>MONITOR MOUNT ZN WITH LOCKING LEVER (SET)</b>	<b>698</b>		<b>TOOL HANGER 8/10, 1 HOLE</b>	<b>724</b>
	<b>MONITOR MOUNTING PLATE</b>	<b>699</b>		<b>TOOL HANGER 8/10, 3 HOLE</b>	<b>725</b>
	<b>ADAPTER PLATE 40 HEIGHT ADJUSTABLE</b>	<b>700</b>		<b>SNAP HOOK FOR TOOL HANGERS</b>	<b>726</b>
	<b>TABLET MOUNT FRAME</b>	<b>701</b>		<b>MAGNETIC HOLDER I, SLOT 8</b>	<b>727</b>
	<b>MAGNET FOR TABLET MOUNT FRAME (SET)</b>	<b>702</b>		<b>TOOL HOOK FX 24/16 - 12 FOR PROFILES 40 / 45, SLOT 8 / 10</b>	<b>730</b>
	<b>SYSTEM ARM I40L 370 (SET)</b>	<b>705</b>		<b>TOOL HOOK FX 66/27 - 13, RUBBERIZED FOR PROFILES 40 / 45, SLOT 8 / 10</b>	<b>731</b>
	<b>SYSTEM ARM I40H 370 (SET)</b>	<b>707</b>		<b>TOOL HOOK FX 66/27 - 13 FOR PROFILES 40 / 45, SLOT 8 / 10</b>	<b>732</b>
	<b>SYSTEM ARM I80H 370 (SET)</b>	<b>709</b>		<b>TOOL HOOK FX 7/38 - 24 FOR PROFILES 40 / 45, SLOT 8 / 10</b>	<b>733</b>
	<b>DOUBLE SYSTEM ARM I40L 695 (SET)</b>	<b>711</b>		<b>TOOL HOOK FX 59/19 - 24 FOR PROFILES 40 / 45, SLOT 8 / 10</b>	<b>734</b>
	<b>DOUBLE SYSTEM ARM I40H 695 (SET)</b>	<b>713</b>		<b>TOOL HOOK FX 17/57 - 24 FOR PROFILES 40 / 45, SLOT 8 / 10</b>	<b>735</b>
	<b>DOUBLE SYSTEM ARM I80H 695 (SET)</b>	<b>715</b>		<b>TOOL HOLDER FX D80 FOR PROFILES 40 / 45, SLOT 8 / 10</b>	<b>736</b>
	<b>KEYBOARD HOLDER AL, SLOT 8 (SET)</b>	<b>717</b>		<b>TOOL DOUBLE HOOK FX R35 - 67, RUBBERIZED FOR PROFILES 40 / 45, SLOT 8 / 10</b>	<b>737</b>
	<b>LABEL CLIP</b>	<b>718</b>		<b>TOOL HOOK FX R35 - 27, RUBBERIZED FOR PROFILES 40 / 45, SLOT 8 / 10</b>	<b>738</b>



	CLOTH CLIP FX FOR PROFILES 40 / 45, SLOT 8 / 10	739		MAGNIFYING LAMP D160 WITH JOINTED ARM (SET)	759
	BOTTLE HOLDER FX FOR PROFILES 40 / 45, SLOT 8 / 10	740		SIDE ADAPTER FOR MAGNIFYING LAMP D160 WITH JOINTED ARM (SET)	760
	PACKING TAPE HAND DISPENSER HOLDER FX FOR PROFILE 40 / 45, SLOT 8 / 10	741		LED LAMP MODULE F LINE I 476, INPUT DIMMABLE	765
	TOOL TRAY PARABOL FX FOR PROFILES 40 / 45, SLOT 8 / 10	742		LED LAMP MODULE F LINE I 953	767
	BROOM HOLDER FLEX FX 20 - 30 FOR PROFILES 40 / 45, SLOT 8 / 10	743		LED LAMP MODULE F LINE I 953, INPUT DIMMABLE	769
	TOOL QUIVER FX D50 FOR PROFILES 40 / 45, SLOT 8 / 10	744		POWER STRIP MODULE F LINE 264 4-WAY 4X	771
	DRILL / DRIVER HOLDER FX D50 FOR PROFILE 40 / 45, SLOT 8 / 10	745		POWER STRIP MODULE F LINE 317 5-WAY 4X, OUTPUT DIMMABLE	773
	BAG CUTTER FX FOR PROFILES 40 / 45, SLOT 8 / 10	746		POWER STRIP MODULE F LINE 370 6-WAY 4X + USB, INPUT SWITCHABLE	775
	TRAPEZOIDAL BLADE FOR BAG CUTTER FX	747		POWER STRIP MODULE F LINE 370 6-WAY 4X, INPUT SWITCHABLE, OUTPUT DIMMABLE	777
	GRAB TRAY 105 X 130 X 50 FOR PROFIL SLOT (SET)	748		POWER STRIP MODULE F LINE 370 6-WAY 4X, INPUT SWITCHABLE, OUTPUT SWITCHABLE	779
	GRAB TRAY 105 X 130 X 50 FOR SUSPENSION PROFILE (SET)	749		MAIN POWER CABLE GST1813 FOR MODULE F LINE	781
	GRAB CONTAINER 110 / 210 X 105 X 40	750		CONNECTION CABLE GST1813 FOR MODULE F LINE	782
	GRAB CONTAINER 110 X 210 X 40 (SET)	751		CONNECTION CABLE GST1515 FOR MODULE F LINE	783
	TRAY CONTAINER 110 X 270 X 40 (SET)	752		CONNECTION COUPLING GST1813 FOR MODULE F LINE (SET)	784
	PIVOTING ADAPTER FOR CONTAINERS	753		COVER CAP GST1813 FOR MODULE F LINE	785
	SHELF BOARD AL 300, SLOT 8	754		TOP ANGLE CLAMP I 40, SLOT 8 (SET)	786
	COVER CAP FOR SHELF BOARD AL 300 (SET)	755			
	PIVOTING UNDER-TABLE STORAGE TRAY	756			



## MONITOR WORK STATION SIT / STAND 4-AXIS, PROFILE ATTACHEMENT (SET)

Ergonomically, efficiently and space-saving working - with the FATH Monitor Work Station SIT / STAND



- Profile mounting on aluminum profiles 40
- Horizontal and vertical mounting on the profile
- Four axis for maximum flexibility
- Steplessly height adjustable, tiltable and swivelable
- Integrated cable routing
- Pre-assembled, ready for use package

### HIGHLIGHTS

The intelligent **FATH** monitor work station SIT / STAND with integrated holder for monitor, keyboard, mouse, scanner and small parts is the ideal Lean solution for workstations where monitors are in use. Profile mounting offers you completely new possibilities for the use of space.

Four axis allow maximum flexibility: monitor and keyboard are infinitely height adjustable. Because the friction adjustment also makes tilting and swivelling 360° effortless, the tilt angle of the monitor and keyboard can be changed as desired. The screw-on joint halves can be mounted horizontally and vertically on profile systems 40 mm and higher. A single movement is all it takes to adjust the monitor work station SIT / STAND perfectly to the needs of the employee and the requirements

of the respective job - both during shift changes and during work processes. For adjustments, a practical recessed grip is integrated under the keyboard holder. When not in use, the entire monitor work station SIT / STAND can simply be pushed upwards or sideways, creating space at the workplace for all necessary work. The keyboard holder can also be folded up separately.

### ERGONOMIC & INTELLIGENT



### Clever details for ergonomically optimized work

The keyboard holder is equipped with a wrist-rest that is easy on the joints and supports a fatigue-free movement of hands and arms. A further ergonomic advantage is provided by the mouse rest that can be pulled out to the right or to the left; right and left-handed users can work alternately.

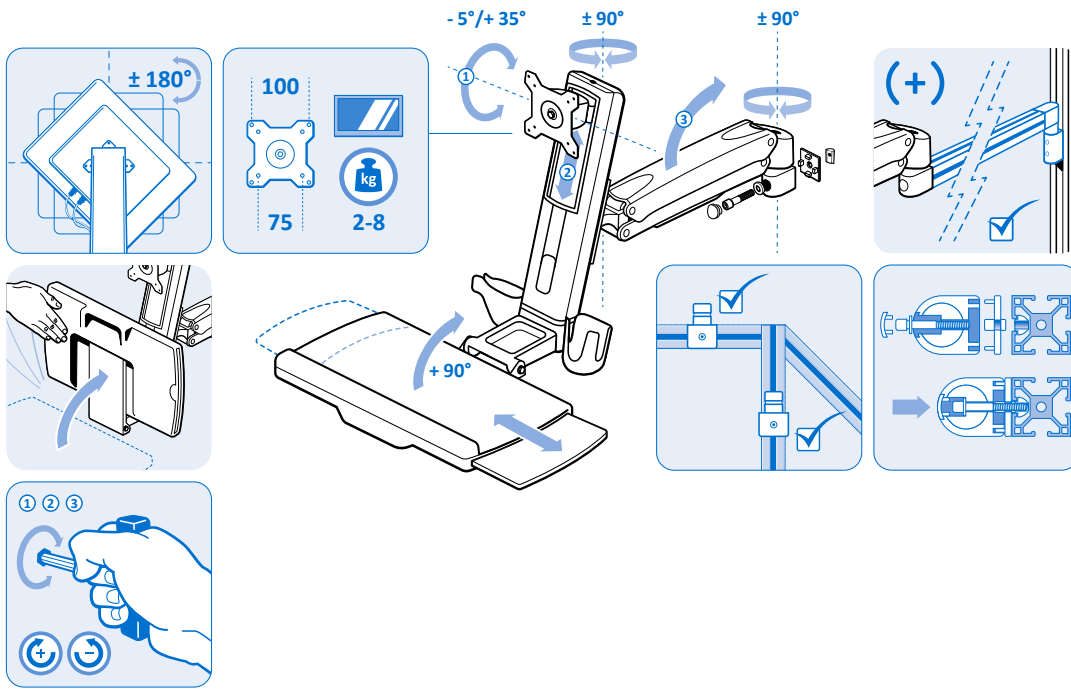
Two holders for scanners and a tray for small parts such as paper clips etc. complete the system. The cable routing is arranged within the system arms.

A VESA plate for mounting a Mini-PC is optionally available.

Simply lean: Adjustable monitor work station SIT / STAND with keyboard holder and mouse tray: The new highlight for ergonomic work station systems and more efficient working. The **FATH** monitor work station SIT / STAND is the ideal solution for the efficient and ergonomic provision of information and at the same time the lean use of space. In this way it makes an important contribution to the optimization of your production processes.

IDEAL SOLUTION FOR ERGONOMICS

# AT THE WORKPLACE

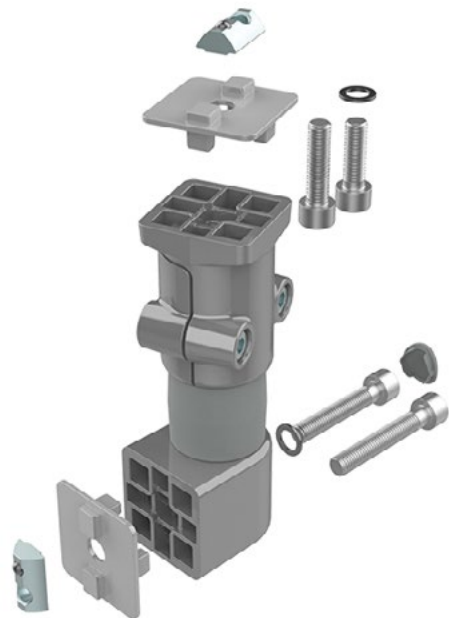


**SIMPLY  
LEAN!**

6

### Even more flexibility due to longer system arm

The system arm can be extended by using **FATH** friction joints. The holders for the work equipment are thus flexibly available to the employee in an even larger radius.



More about **FATH** Friction Joints:  
[frictionjoint.fath24.com](http://frictionjoint.fath24.com)



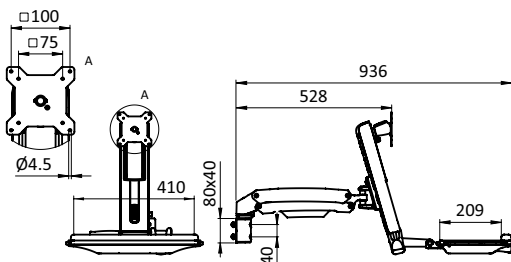
**Get to know it  
better now!**

[sit-or-stand.fath24.com](http://sit-or-stand.fath24.com)



**MONITOR WORK STATION SIT / STAND 4-AXIS, PROFILE ATTACHMENT (SET)**

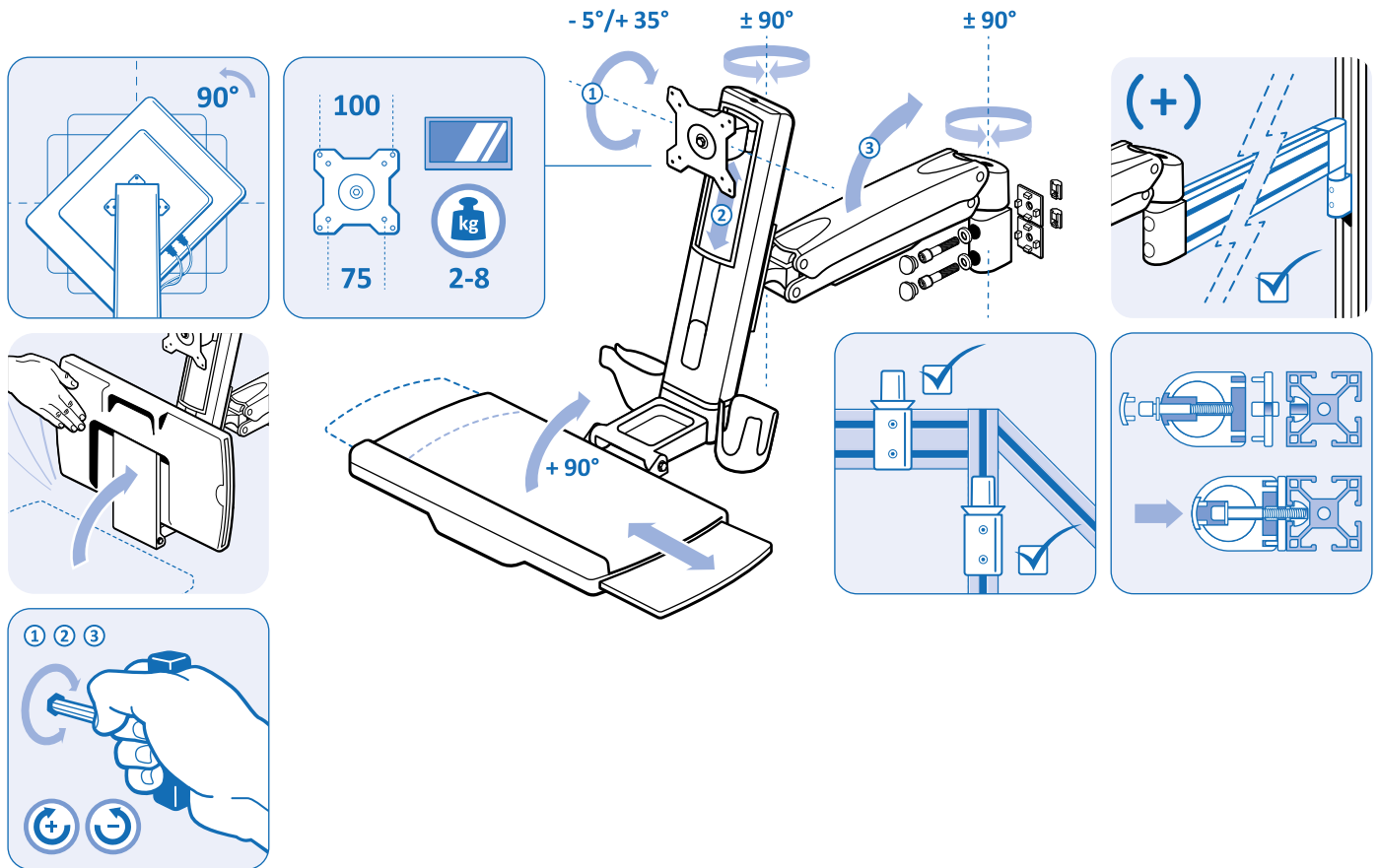
<b>MODEL</b>	4-axis
<b>DESCRIPTION</b>	For mounting of monitors with 2 - 8 kg, mounting plate VESA MIS-D 75/100 compatible, adjustable viewing angle and height; Fold-up holder with wrist rest for keyboard up to 2.5 kg, incl. left or right pull-out shelf for mouse, as well as holders for hand scanner and mouse; 360° mounting flange can be attached lateral, transverse, or on the face of the profile, if attached on the front face, the core hole of the respective profile must be M8 threaded
<b>MATERIAL</b>	Monitor Work Station: Steel / aluminum / plastic Cable management cover: Plastic Mounting flange: Aluminum die-cast Screws: Steel
<b>SURFACE</b>	Monitor Work Station: Powder coated Mounting flange: Powder coated Screws: Zinc plated
<b>COLOR</b>	Monitor Work Station: Gray Cable management cover: Gray Mounting flange: Alu color
<b>SET</b>	1 monitor work station incl. keyboard holder and cable management cover 1 mounting flange incl. bolt and cover cap 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut) 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole) 2 washers 8-FSt 2 centering plates - slot 8 2 centering plates - slot 10 2 T-slot nuts - slot 8 - M8 2 T-slot nuts - slot 10 - M8
<b>PACK QUANTITY</b>	1 set



Slot	Weight [g]	Profile	Part #
- / 8 / 10	9520.0	I / B	<b>6MHM75100S40IT</b>



MONITOR WORK STATION SIT / STAND 4-AXIS, PROFILE ATTACHMENT (SET)





# FATH

## MONITOR SUSPENSION ARM SKY, HEIGHT ADJUSTABLE (SET)

A new dimension for providing information at the workplace:  
the FATH Monitor Suspension Arm SKY



- Wall mounting at any height, also on aluminum profiles
- 100% open space in the work area
- Continuously height-adjustable via a steel bracket
- Can be tilted and swiveled thanks to friction adjustment
- Locking lever for protection against accidental adjustment
- Integrated cable routing
- Pre-assembled, ready for use delivery

### HIGHLIGHTS

The freely swinging **FATH** Monitor Suspension Arm SKY combines effective provision of information with ergonomic work and lean use of space. Your turbo for optimizing production processes in industrial manufacturing and lean production!

The long suspension arm allows a large-scale provisioning of information from above directly at the workstation – without requiring space on the floor or on the assembly table. This offers maximum flexibility in the work area. With the ergonomically positioned steel bracket, the height of the suspension arm can be continuously adjusted, and the friction adjustment integrated in the pivot joints enables tilting and swiveling. If the employee wants to view information such as assembly instructions, they are available in seconds. At the right time and exactly where

they are needed.

The **FATH** Monitor Suspension Arm SKY is the perfect solution for providing information when manufacturing large and very large objects.

### INSTALLATION AT ANY HEIGHT

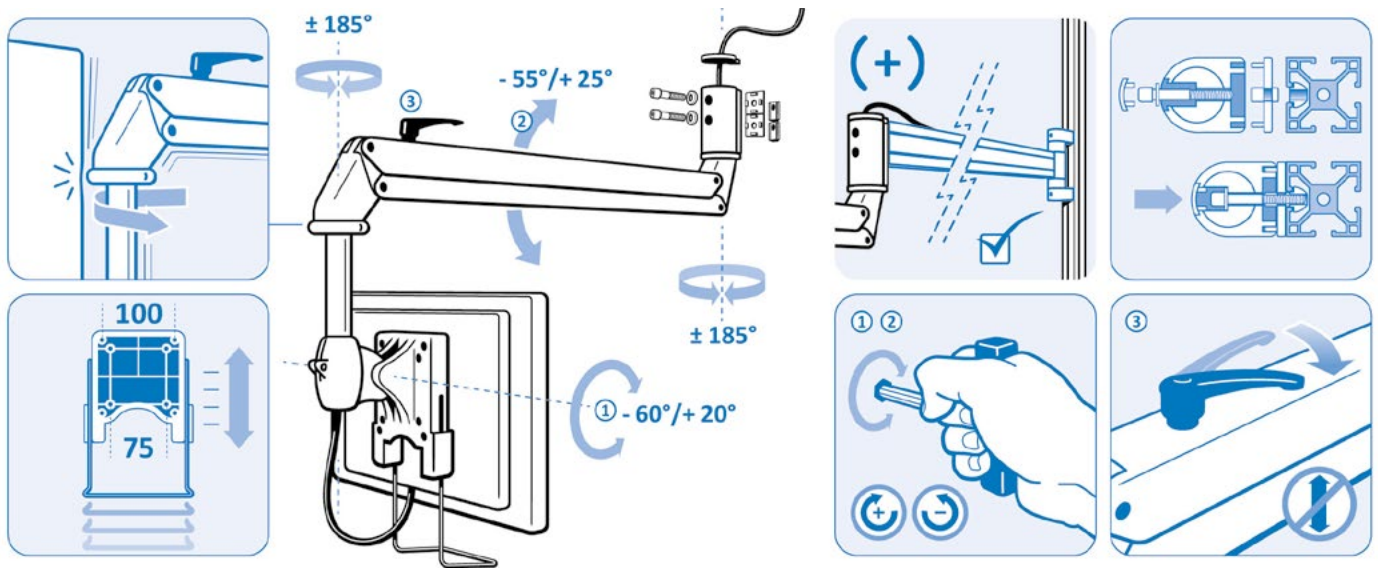


### Maximum open space at the workplace

The **FATH** Monitor Suspension Arm SKY can be mounted on the wall at any height. If the monitor is not needed, the entire suspension arm can easily be pushed up or to the side. The entire space under the suspension arm is open and can be used for all work without restriction – even for space-consuming activities that require standing upright or walking around in the work area. The Monitor Suspension Arm SKY is also equipped with a locking lever. This allows the monitor to be fixed in the ideal position for you.

100% OPEN SPACE

# IN THE WORK AREA

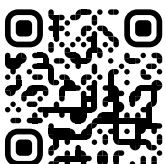


### Even more flexibility

Thanks to the frontal extension with a 40x80 system arm with friction joint 80H, the **FATH** Monitor Suspension Arm SKY achieves an even larger radius of action.



More about the **FATH** Friction Joints:  
[frictionjoint.fath24.com](http://frictionjoint.fath24.com)



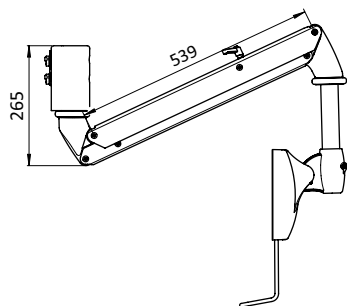
Get to know it better now!

[sky.fath24.com](http://sky.fath24.com)

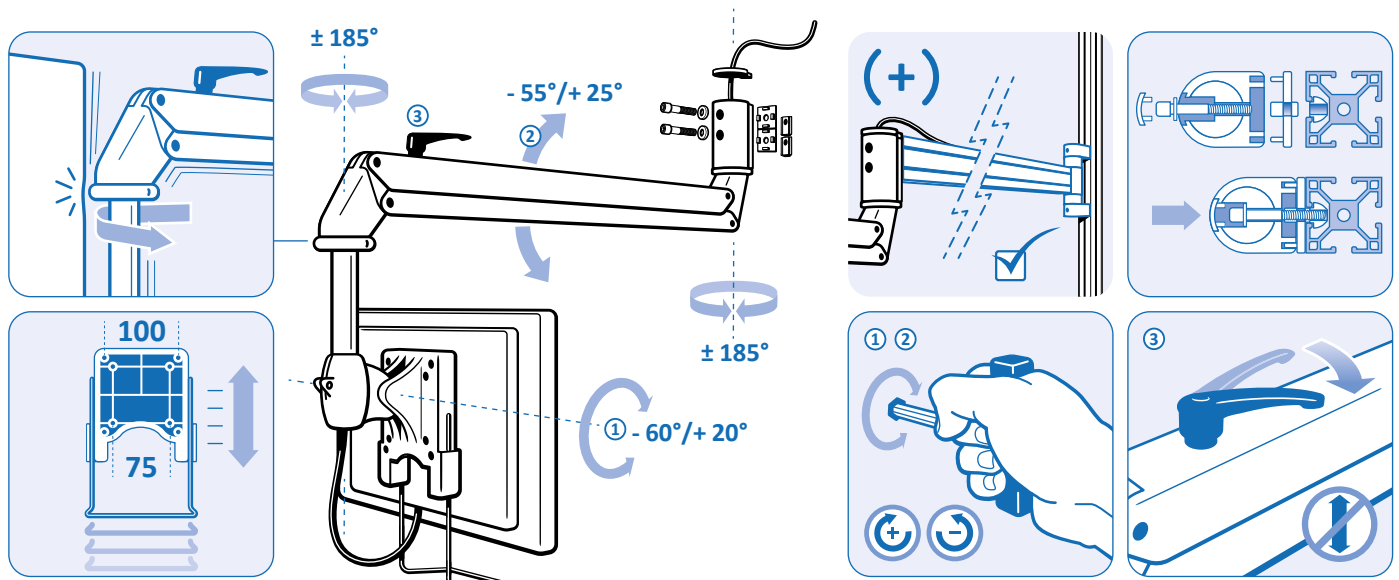


**MONITOR SUSPENSION ARM SKY 600, HEIGHT ADJUSTABLE WITH LOCKING (SET)**

<b>MODEL</b>	4-axis
<b>DESCRIPTION</b>	For mounting of heavy monitors with 6 - 12 kg, mounting plate VESA MIS-D 75/100 compatible, adjustable viewing angle and height; 360° mounting flange can be attached lateral or transverse to the profile
<b>MATERIAL</b>	Monitor suspension arm: Steel / aluminum / plastic Cable management cover: Plastic Mounting flange: Aluminum die-cast Screws: Steel
<b>SURFACE</b>	Monitor suspension arm: Lacquered Mounting flange: Lacquered Screws: Zinc plated
<b>COLOR</b>	Monitor suspension arm: Gray Cable management cover: Gray Mounting flange: Alu color
<b>SET</b>	1 monitor suspension arm incl. cable management cover 1 mounting flange incl. bolt and cover cap 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 30 (for T-slot nut) 2 centering plates - slot 8 2 centering plates - slot 10 2 anti-loss washers for screws M8 2 T-slot nuts - slot 8 - M8 2 T-slot nuts - slot 10 - M8 1 connecting ring 1 washer 4 screws DIN 799 - M4 x 16
<b>PACK QUANTITY</b>	1 set



Slot	Weight [g]	Profile	Part #
- / 8 / 10	10000.2	I	6SHM75100S40IF





**MONITOR SUPPORT 4-AXIS, HEIGHT ADJUSTABLE (SET)**

<b>MODEL</b>	4-axis
<b>DESCRIPTION</b>	For removable mounting of monitors with 2 - 10 kg or 8 - 20 kg, mounting plate VESA MIS-D 75/100 compatible; Adjustable viewing angle and height, screen rotatable by 90°; 360° mounting flange for horizontal and vertical attachment with mounting adapter
<b>MATERIAL</b>	Mounting plate VESA, removable: Steel / Plastic Monitor mount: Die-cast aluminum Cable management cover: Plastic Bearing shims and bushes: Plastic Mounting flange: Die-cast aluminum Mounting adapter: Die-cast aluminum Screws: Steel
<b>SURFACE</b>	Mounting plate VESA, removable: Lacquered Monitor mount: Lacquered Mounting flange: Lacquered Mounting adapter: Lacquered Screws: Zinc plated
<b>COLOR</b>	Mounting plate VESA, removable: Alu color / black Monitor mount: Alu color Cable management cover: Black Bearing shims and bushes: Black Mounting flange: Alu color Mounting adapter: alu color
<b>SET</b>	1 mounting plate VESA with 4 screws – M4 × 12, Phillips 1 monitor support 4-axis with cable management cover 1 mounting flange 1 mounting screw DIN 6912 – M8 × 25 1 mounting adapter 2 mounting screws DIN 6912 – M8 × 16 1 hexagon key, AF 3 1 hexagon key, AF 4
<b>PACK QUANTITY</b>	1 set

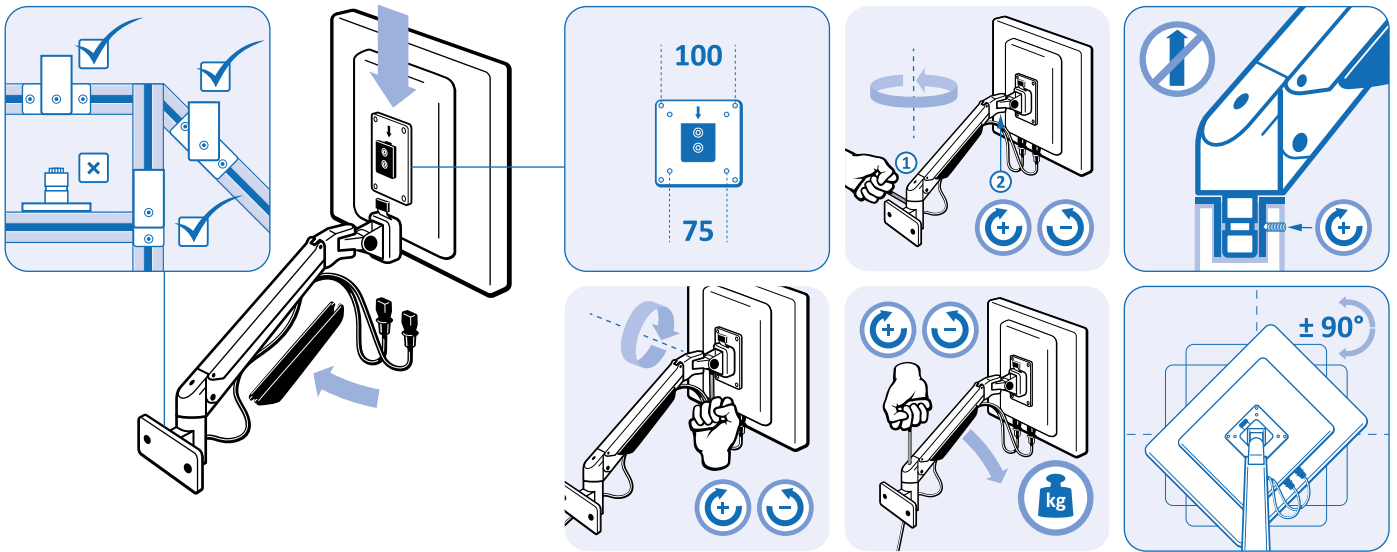
6



Version	Max. Load [kg]	Weight [g]	Part #
2 - 10 kg	10.0	2200.0	<b>6MHM75100S40</b>
8 - 20 kg	20.0	2200.0	<b>6MHM75100S40S03</b>



MONITOR SUPPORT 4-AXIS, HEIGHT ADJUSTABLE (SET)



**MONITOR SUPPORT 5-AXIS, HEIGHT ADJUSTABLE (SET)**

<b>MODEL</b>	5-axis
<b>DESCRIPTION</b>	For removable mounting of monitors with 2 - 10 kg or 8 - 20 kg, mounting plate VESA MIS-D 75/100 compatible; Adjustable viewing angle and height, screen rotatable by 90°; 360° mounting flange for horizontal and vertical attachment with mounting adapter
<b>MATERIAL</b>	Mounting plate VESA, removable: Steel / Plastic Monitor mount: Die-cast aluminum Cable management cover: Plastic Bearing shims and bushes: Plastic Mounting flange: Die-cast aluminum Mounting adapter: Die-cast aluminum Screws: Steel
<b>SURFACE</b>	Mounting plate VESA, removable: Lacquered Monitor mount: Lacquered Mounting flange: Lacquered Mounting adapter: Lacquered Screws: Zinc plated
<b>COLOR</b>	Mounting plate VESA, removable: Alu color / black Monitor mount: Alu color Cable management cover: Black Bearing shims and bushes: Black Mounting flange: Alu color Mounting adapter: alu color
<b>SET</b>	1 mounting plate VESA with 4 screws – M4 × 12, Phillips 1 monitor support 5-axis with cable management cover 1 mounting flange 1 mounting screw DIN 6912 – M8 × 25 1 mounting adapter 2 mounting screws DIN 6912 – M8 × 16 1 hexagon key, AF 3 1 hexagon key, AF 4
<b>PACK QUANTITY</b>	1 set

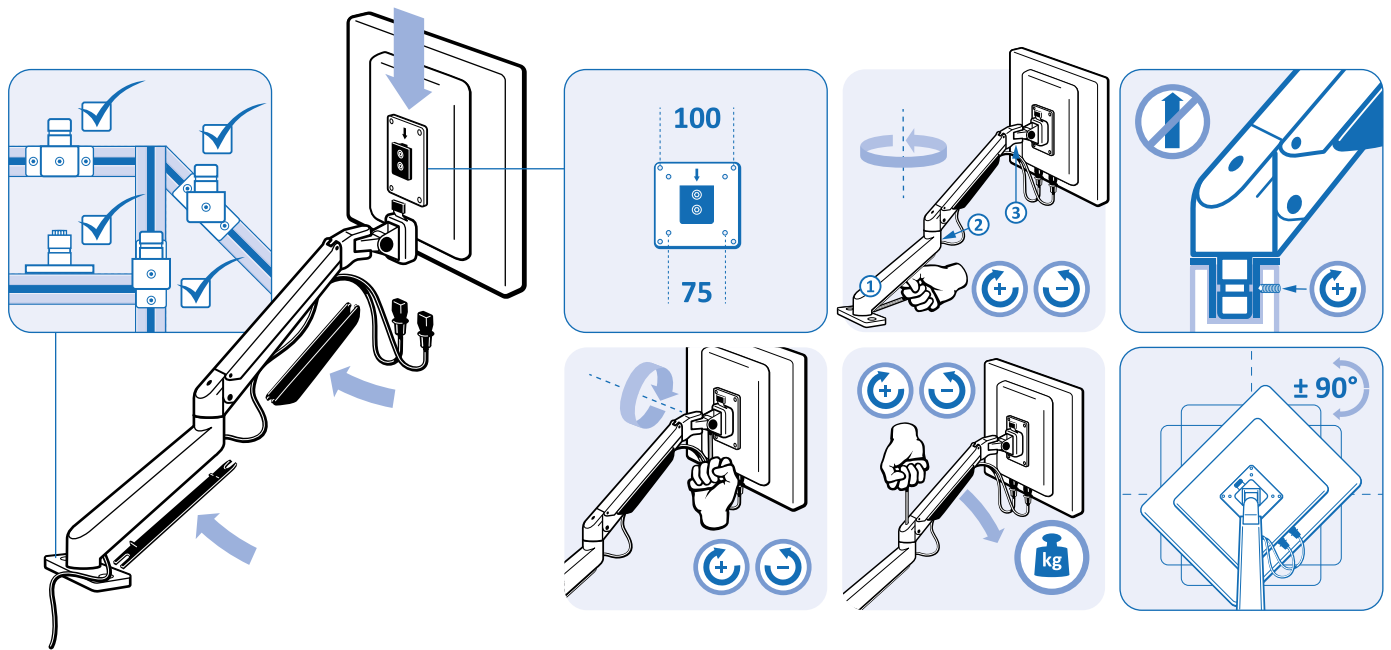
6



Version	Max. Load [kg]	Weight [g]	Part #
2 - 10 kg	10.0	2930.0	<b>6MHM75100D40</b>
8 - 20 kg	20.0	2930.0	<b>6MHM75100D40S09</b>



MONITOR SUPPORT 5-AXIS, HEIGHT ADJUSTABLE (SET)



**MONITOR MOUNT**

<b>MODEL</b>	Swivelling
<b>DESCRIPTION</b>	To fix flat screens to aluminum profile structures, VESA MIS-D 75/100 compatible, can be adjusted horizontally and vertically for optimum visibility
<b>MATERIAL</b>	Monitor bracket: Plastic PA, glass fiber reinforced Articulation piece: Plastic PA, glass fiber reinforced Centering piece: Plastic PA, glass fibre reinforced Mounting material: Steel
<b>SURFACE</b>	Mounting material: Zinc plated
<b>COLOR</b>	Monitor bracket: Black Articulation piece: Gray Centering piece: Plain
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors, other sizes on request
<b>TIP</b>	Compatible Adapter Plate see 061SAP40H



F [N]	N	Weight [g]	Part #
48	- / 8 / 10	200.0	061SM7510040

**MONITOR MOUNT ZN WITH LOCKING LEVER (SET)**

<b>MODEL</b>	Swivelling
<b>DESCRIPTION</b>	To fix flat screens to aluminum profile structures, VESA MIS-D 75/100 compatible, can be adjusted horizontally or vertically for optimum visibility, can be fixed with KIPP locking lever at any angle; with separate locating pins for slot 8 and slot 10
<b>MATERIAL</b>	Monitor mounting plate: Plastic PA, glas fiber reinforced Pivot joint: Zinc die-cast KIPP locking lever: Plastic PA, glas fiber reinforced
<b>SURFACE</b>	Pivot joint: Laquered
<b>COLOR</b>	Monitor mounting plate: Black Pivot joint: Alu colored Locking lever: Black
<b>SET 1</b>	1 monitor mounting plate 1 assembly set for monitor: 4 cylinder head screws M4 x 12, 4 washers 1 pivot joint 40 with locking lever 1 assembly set for profile: 1 screw M8 x 25 (frontal), 1 screw M8 x 16 (lateral), 2 locating pins
<b>SET 2</b>	1 monitor mounting plate 1 assembly set for monitor: 4 cylinder head screws M4 x 12, 4 washers 1 pivot joint 45 with locking lever 1 assembly set for profile: 1 screw M8 x 25 (frontal), 1 screw M8 x 16 (lateral), 2 locating pins
<b>PACK QUANTITY</b>	1 set
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Cutting bush for the reduction of the Ø 10.2 mm core hole to thread size M8 see 09308801



Set	Profile Width	Opening Angle	N	Weight [g]	Part #
Set 1	40	192°	- / 8 / 10	434.0	<a href="#">061SM7510040FS03</a>
Set 2	45	190°	- / 8 / 10	481.0	<a href="#">061SM7510045FS01</a>

**MONITOR MOUNTING PLATE**

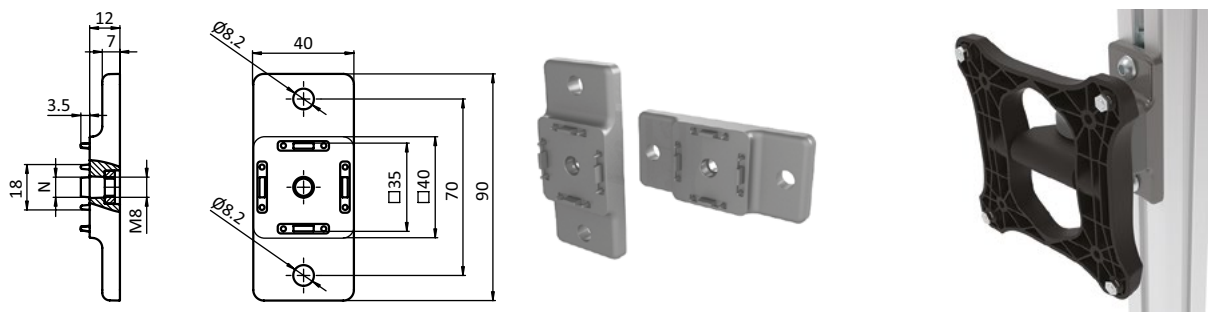
<b>DESCRIPTION</b>	To fix flat screens to aluminum profile structures, VESA MIS-D 75/100 compatible; with separate locating pins for slot 8 and slot 10
<b>MATERIAL</b>	Monitor mounting plate: Plastic PA, glass fiber reinforced
<b>COLOR</b>	Monitor mounting plate: Black
<b>SET</b>	1 monitor mounting plate 1 assembly set for monitor: 4 cylinder head screws M4x12, 4 washers assembly set for profile: M8x25 frontal and M8x16 slot side, 2 centering pieces
<b>PACK QUANTITY</b>	1 set
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Cutting bush for the reduction of the $\varnothing$ 10.2 mm core hole to thread size M8 see 09308801



N	Weight [g]	Part #
- / 8 / 10	123.0	<a href="#">061SM751004045</a>

**ADAPTER PLATE 40 HEIGHT ADJUSTABLE**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To connect a monitor mount or an aluminum profile at right angles, as well to tee connect two aluminum profiles; accessible mounting holes allow to adjust the position later
<b>MATERIAL</b>	Adapter plate: Die cast aluminum Pressed nut: Steel
<b>SURFACE</b>	Adapter plate: Powder coated Pressed nut: Zinc plated
<b>COLOR</b>	Alu color
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Monitor Mount see 061SM7510040

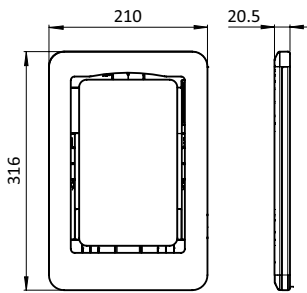


N	Weight [g]	Profile	Part #
8	64.0	I	<a href="#">061SAP40H</a>



**TABLET MOUNT FRAME**

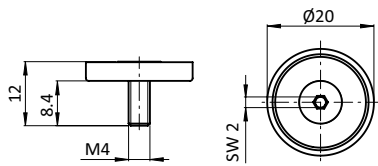
<b>MODEL</b>	Plastic PC
<b>DESCRIPTION</b>	To fix flat screens to aluminum profile structures or magnetic surfaces, VESA MIS-D 75/100 compatible
<b>MATERIAL</b>	Plastic PC
<b>COLOR</b>	Frontside: White ≈ RAL 9001 Backside: Gray
<b>FASTENING</b>	From the back, using M4 screws or magnetic
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Magnet for Tablet Mount FRAME see 6THM20 Compatible Monitor Mounting Plate see 061SM751004045 Compatible Monitor Mount see 061SM7510040 Compatible Monitor Mount ZN with Locking Lever see 061SM7510040FS03



	Version	Weight [g]	Part #
	Samsung Galaxy Tab S4 10.5"	401.5	<a href="#">6THSAM105S4</a>
	Samsung Galaxy Tab A 10.5"	401.5	<a href="#">6THSAM105N</a>
	Samsung Galaxy Tab A7 10.1"	405.2	<a href="#">6THSAM101A7</a>
	Apple iPad Pro 11"	391.4	<a href="#">6THAPP110PRO</a>
	Apple iPad Air 10.5"	401.5	<a href="#">6THAPP105AIR</a>
	Apple iPad 9.7"	412.8	<a href="#">6THAPP097N</a>
	Microsoft Surface GO 10"	410.2	<a href="#">6THMIC100GO</a>

**MAGNET FOR TABLET MOUNT FRAME (SET)**

<b>MODEL</b>	Magnetic (neodymium)
<b>DESCRIPTION</b>	To fix table mounts to magnetic surfaces
<b>MATERIAL</b>	Magnets: Neodym Screws: Steel
<b>SURFACE</b>	Screws: Zinc plated
<b>SET</b>	4 magnets Ø 20 mm 4 screws M4x12
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Tablet Mount FRAME se 6THSAM105S4



**Weight [g]**

**Part #**

56.6

**6THM20**

## SYSTEM ARMS

Ergonomic positioning at the workplace in no time – with FATH System Arms



- Different connections at the end of the system arms
- Connection to profiles with horizontal or vertical slots
- Friction joints with fixed friction torque in six levels
- Easy adjustment depending on need
- Connection adapter and friction joints can be rotated 360°

### HIGHLIGHTS

System Arms from **FATH** enable ergonomic positioning at the workplace in no time at all. Monitors, tool holders, grab trays, container attachments or trays for the provision of workpieces are held steadily in place. All system arms consist of friction joints with a permanently set friction torque and six different levels available for each joint. This means that the mobility can be adapted to fit any need. The system arms are delivered fully assembled ready for direct use at the work table.

Two different types are available: the system arm with 370 mm reach and the double system arm with 695 mm reach. Both types are available in the light version I40L and in the two heavy versions I40H and I80H.

### WIDE RANGE OF CONNECTION OPTIONS



#### Wide range of connection options and optimal ergonomics

Design your assembly workstations ergonomically and achieve higher productivity. Up to four different connections at the end of the system arms provide a wide range of connection options. System Arms from **FATH** are ready for use with connection adapters – for stable connection to profiles with a horizontal or vertical slot. As well as with friction joints or double friction joints for flexible extension of the swivel arm. It is possible to attach a work tool if the system arm is extended by a monitor support. The connection adapter and the friction joints can be rotated 360°.

**FATH System Arms with 370 mm reach:**



**FATH Double System Arms with 695 mm reach:**



**Construct your own system arms**

**FATH** Friction Joints allow you to build your swivel arms in individual lengths and designs to fit your needs and requirements. In addition to the joints with fixed friction torque in six levels, versions with freely adjustable friction torque are available. All **FATH** Friction Joints can be attached to the profile lengthwise, crosswise or on the front. This gives you full flexibility for your tailor-made design.



More on **FATH** Friction Joints:  
[frictionjoint.fath24.com](http://frictionjoint.fath24.com)



**Get to know it better now!**

[system-arm.fath24.com](http://system-arm.fath24.com)

## SYSTEM ARM I40L 370 (SET)

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Stable pivot arm with a reach of approximately 370 mm and various connection options; pivotable 360°; pre-assembled System arm can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Arm: Aluminum Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel Monitor mount: Plastic PA, glas fiber reinforced
<b>SURFACE</b>	Arm: Anodized Housing: Powder coated Screws: Zinc plated Washers: Zinc plated Centering plates: Powder coated T-slot nuts: Zinc plated
<b>COLOR</b>	Arm: Alu color Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color Monitor mount: Black
<b>MAX. LOAD</b>	17 kg
<b>SET 1</b>	1 system arm I40L 370 with end friction joint 2 cover caps 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 2 washers 8-FSt, 2 centering plates, 2 T-slot nuts - slot 8 - M8
<b>SET 2</b>	1 system arm I40L 370 with end friction joint 1 cover cap 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 25 (for T-slot nut end side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 30 (for core hole end side), 2 washers 8-FSt, 2 centering plates, 2 T-slot nuts - slot 8 - M8
<b>SET 3</b>	1 system arm I40L 370 with double friction joint 2 cover caps 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 2 washers 8-FSt, 2 centering plates, 2 T-slot nuts - slot 8 - M8
<b>SET 4</b>	1 system arm I40L 370 with monitor mount 1 cover cap 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 1 washer 8-FSt, 1 centering plate, 1 T-slot nut - slot 8 - M8 1 assembly set for monitor: 4 screws DIN EN ISO 4762 (DIN 912) - M4 x 12, 4 washers
<b>PACK QUANTITY</b>	1 piece

SYSTEM ARM I40L 370 (SET)

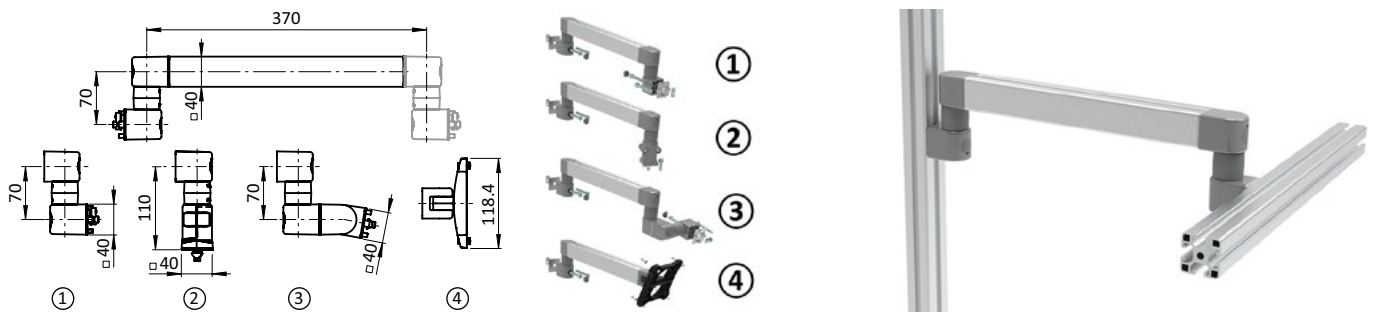


Fig.	Version	Set	Weight [g]	Profile	Part #
①	With Friction Joint	Set 1	1961.5	I	<a href="#">6FG40NL370S40N08</a>
②	With End Friction Joint	Set 2	1986.0	I	<a href="#">6FA40NL370S40N08</a>
③	With Double Friction Joint	Set 3	2820.5	I	<a href="#">6FDG40NL370S40N08</a>
④	With Monitor Mount	Set 4	1446.0	I	<a href="#">6FMVNL370S40N08</a>

## SYSTEM ARM I40H 370 (SET)

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Stable pivot arm with a reach of approximately 370 mm and various connection options; pivotable 360°; pre-assembled System arm can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Arm: Aluminum Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel Monitor mount: Plastic PA, glas fiber reinforced
<b>SURFACE</b>	Arm: Anodized Housing: Powder coated Screws: Zinc plated Washers: Zinc plated Centering plates: Powder coated T-slot nuts: Zinc plated
<b>COLOR</b>	Arm: Alu color Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color Monitor mount: Black
<b>MAX. LOAD</b>	17 kg
<b>SET 1</b>	1 system arm I40H 370 with friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 2</b>	1 system arm I40H 370 with end friction joint 2 cover cap 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 25 (for T-slot nut end side), 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 30 (for core hole end side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 3</b>	1 system arm I40H 370 with double friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 4</b>	1 system arm I40H 370 with monitor mount 2 cover cap 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 2 washer 8-FSt, 2 centering plate, 2 T-slot nut - slot 8 - M8 1 assembly set for monitor: 4 screws DIN EN ISO 4762 (DIN 912) - M4 x 12, 4 washers
<b>PACK QUANTITY</b>	1 piece



SYSTEM ARM I40H 370 (SET)

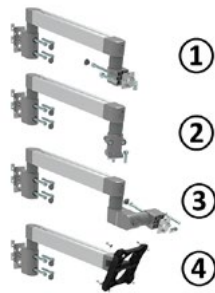
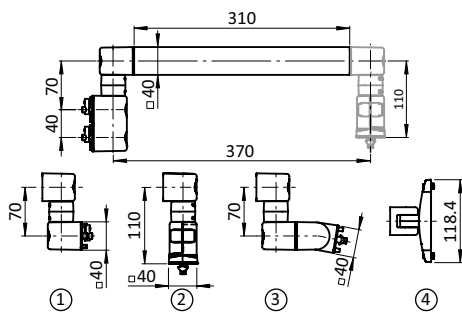


Fig.	Version	Set	Weight [g]	Profile	Part #
①	With Friction Joint	Set 1	2278.0	I	<a href="#">6FG40NH370S40N08</a>
②	With End Friction Joint	Set 2	2253.5	I	<a href="#">6FA40NH370S40N08</a>
③	With Double Friction Joint	Set 3	3112.5	I	<a href="#">6FDG40NH370S40N08</a>
④	With Monitor Mount	Set 4	1738.0	I	<a href="#">6FMVNH370S40N08</a>



## SYSTEM ARM I80H 370 (SET)

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Stable pivot arm with a reach of approximately 370 mm and various connection options; pivotable 360°; pre-assembled System arm can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Arm: Aluminum Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Arm: Anodized Housing: Powder coated Screws: Zinc plated Washers: Zinc plated Centering plates: Powder coated T-slot nuts: Zinc plated
<b>COLOR</b>	Arm: Alu color Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>MAX. LOAD</b>	17 kg
<b>SET 1</b>	1 system arm I80H 370 with friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 2</b>	1 system arm I80H 370 with end friction joint 2 cover cap 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 25 (for T-slot nut end side), 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 30 (for core hole end side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 3</b>	1 system arm I80H 370 with double friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 piece



SYSTEM ARM I80H 370 (SET)

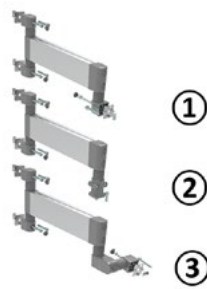
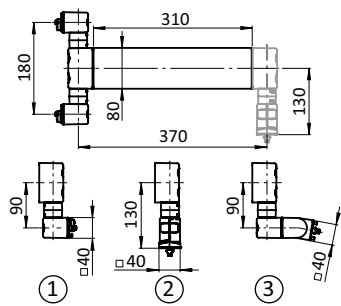


Fig.	Version	Set	Weight [g]	Profile	Part #
①	With Friction Joint	Set 1	3350.3	I	<a href="#">6FG80NH370S80N08</a>
②	With End Friction Joint	Set 2	3325.8	I	<a href="#">6FA80NH370S80N08</a>
③	With Double Friction Joint	Set 3	4184.8	I	<a href="#">6FDG80NH370S80N08</a>

## DOUBLE SYSTEM ARM I40L 695 (SET)

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Stable double pivot arm with a reach of approximately 695 mm and various connection options; pivotable 360°; pre-assembled System arm can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Arm: Aluminum Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel Monitor mount: Plastic PA, glas fiber reinforced
<b>SURFACE</b>	Arm: Anodized Housing: Powder coated Screws: Zinc plated Washers: Zinc plated Centering plates: Powder coated T-slot nuts: Zinc plated
<b>COLOR</b>	Arm: Alu color Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color Monitor mount: Black
<b>MAX. LOAD</b>	12 kg
<b>SET 1</b>	1 double system arm I40L 695 with friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 2</b>	1 double system arm I40L 695 with end friction joint 2 cover cap 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 25 (for T-slot nut end side), 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 30 (for core hole end side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 3</b>	1 double system arm I40L 695 with double friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 4</b>	1 double system arm I40L 695 with monitor mount 2 cover caps 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 2 washers 8-FSt, 2 centering plates, 2 T-slot nuts - slot 8 - M8 1 assembly set for monitor: 4 cylinder head screws M4 x 12, 4 washers
<b>PACK QUANTITY</b>	1 piece



DOUBLE SYSTEM ARM I40L 695 (SET)

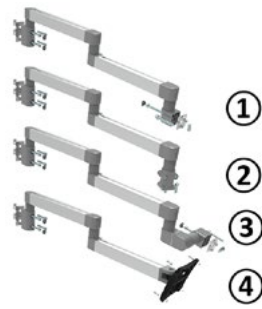
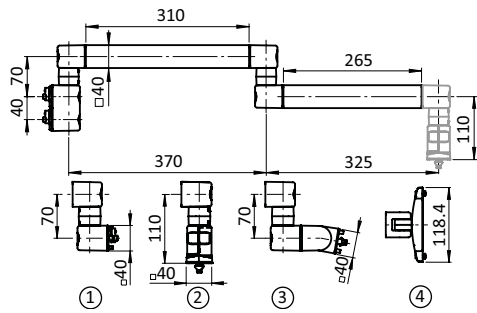


Fig.	Version	Set	Weight [g]	Profile	Part #
①	With Friction Joint	Set 1	3419.2	I	<a href="#">6FG40ND40L695N08</a>
②	With End Friction Joint	Set 2	3394.8	I	<a href="#">6FA40ND40L695N08</a>
③	With Double Friction Joint	Set 3	4253.7	I	<a href="#">6FDG40ND40L695N08</a>
④	With Monitor Mount	Set 4	2879.2	I	<a href="#">6FMVND40L695N08</a>

## DOUBLE SYSTEM ARM I40H 695 (SET)

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Stable double pivot arm with a reach of approximately 695 mm and various connection options; pivotable 360°; pre-assembled System arm can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Arm: Aluminum Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel Monitor mount: Plastic PA, glas fiber reinforced
<b>SURFACE</b>	Arm: Anodized Housing: Powder coated Screws: Zinc plated Washers: Zinc plated Centering plates: Powder coated T-slot nuts: Zinc plated
<b>COLOR</b>	Arm: Alu color Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color Monitor mount: Black
<b>MAX. LOAD</b>	12 kg
<b>SET 1</b>	1 double system arm I40H 695 with friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 2</b>	1 double system arm I40H 695 with end friction joint 2 cover cap 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 25 (for T-slot nut end side), 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 30 (for core hole end side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 3</b>	1 double system arm I40H 695 with double friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 4</b>	1 double system arm I40H 695 with monitor mount 2 cover caps 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 2 washers 8-FSt, 2 centering plates, 2 T-slot nuts - slot 8 - M8 1 assembly set for monitor: 4 cylinder head screws M4 x 12, 4 washers
<b>PACK QUANTITY</b>	1 piece



DOUBLE SYSTEM ARM I40H 695 (SET)

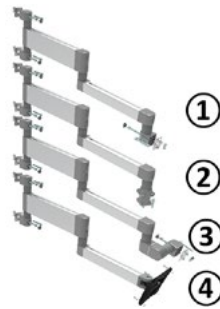
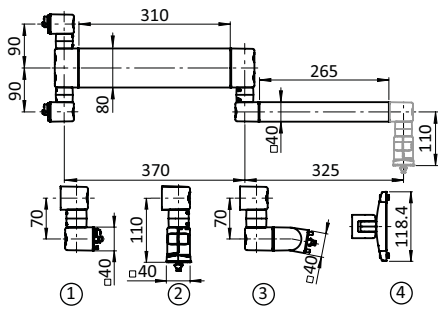


Fig.	Version	Set	Weight [g]	Profile	Part #
①	With Friction Joint	Set 1	4491.5	I	<a href="#">6FG40ND80M695N08</a>
②	With End Friction Joint	Set 2	4467.1	I	<a href="#">6FA40ND80M695N08</a>
③	With Double Friction Joint	Set 3	5326.0	I	<a href="#">6FDG40ND80M695N08</a>
④	With Monitor Mount	Set 4	3951.5	I	<a href="#">6FMVND80M695N08</a>

**DOUBLE SYSTEM ARM I80H 695 (SET)**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Stable double pivot arm with a reach of approximately 695 mm and various connection options; pivotable 360°; pre-assembled System arm can be attached lateral, transverse, or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 15 mm deep)
<b>MATERIAL</b>	Arm: Aluminum Housing: Aluminum die-cast Cover ring: Plastic Inserts: Steel Friction shaft: Steel Cover caps: Plastic Screws: Steel Washers: Steel Centering plates: Aluminum die-cast T-slot nuts: Steel
<b>SURFACE</b>	Arm: Anodized Housing: Powder coated Screws: Zinc plated Washers: Zinc plated Centering plates: Powder coated T-slot nuts: Zinc plated
<b>COLOR</b>	Arm: Alu color Housing: Alu color Cover ring: Gray ≈ RAL 7042 Cover caps: Gray ≈ RAL 7042 Centering plates: Alu color
<b>MAX. LOAD</b>	18 kg
<b>SET 1</b>	1 double system arm I80H 695 with friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 2</b>	1 double system arm I80H 695 with end friction joint 2 cover cap 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 25 (for T-slot nut end side), 2 screw DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 30 (for core hole end side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>SET 3</b>	1 double system arm I40H 695 with double friction joint 3 cover caps 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 45 (for T-slot nut friction joint side), 3 screws DIN EN ISO 4762 (DIN 912) - M8 x 50 (for core hole friction joint side), 3 washers 8-FSt, 3 centering plates, 3 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 piece



DOUBLE SYSTEM ARM 180H 695 (SET)

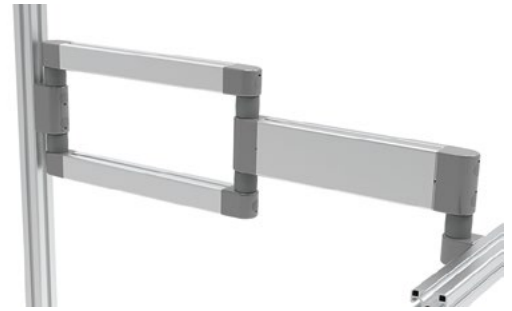
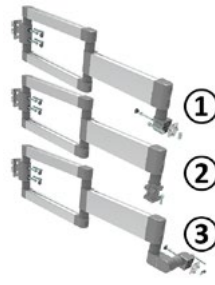
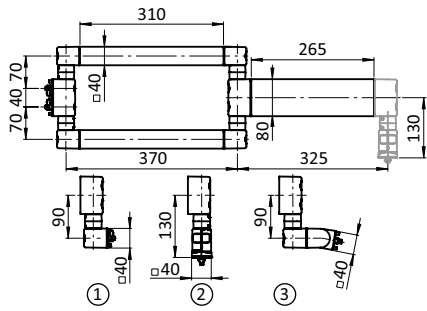
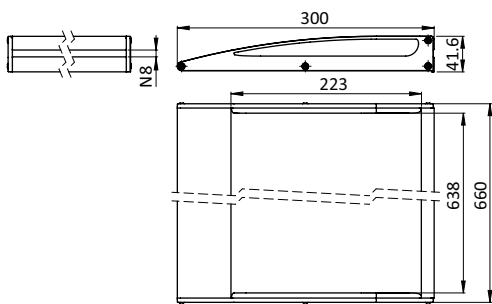


Fig.	Version	Set	Weight [g]	Profile	Part #
①	With Friction Joint	Set 1	5665.3	I	<a href="#">6FG40ND80H695N08</a>
②	With End Friction Joint	Set 2	5641.0	I	<a href="#">6FA40ND80H695N08</a>
③	With Double Friction Joint	Set 3	6500.0	I	<a href="#">6FDG40ND80H695N08</a>

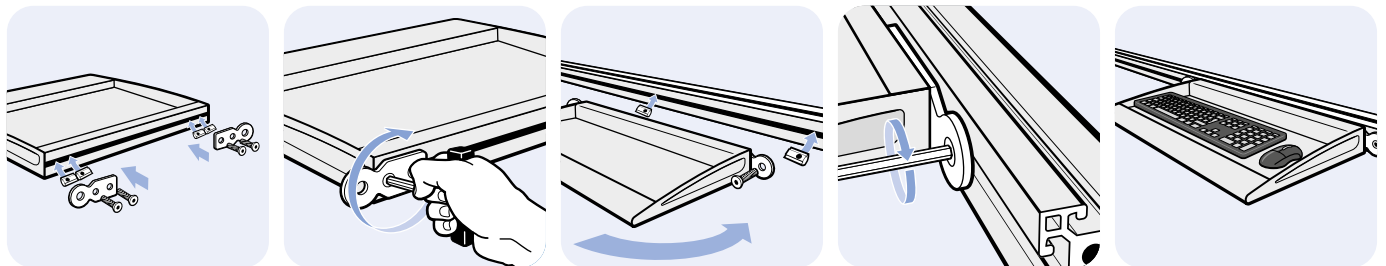


**KEYBOARD HOLDER AL, SLOT 8 (SET)**

<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	For placing the keyboard and mouse, with wrist rest
<b>MATERIAL</b>	Keyboard holder: Aluminum, anodized Cover Caps: Plastic PA, glass ball reinforced Screws: Steel, zinc plated
<b>SURFACE</b>	Keyboard holder: Anodized Screws: Zinc plated
<b>COLOR</b>	Cover Caps: Gray
<b>SET</b>	1 keyboard holder, 2 cover caps, 8 screws 3.9 x 16
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Direct Connectors see 099DC084040N08 and 099DC084045N10



Slot	Weight [g]	Profile	Part #
8	2645.0	I	<a href="#">061KH300N0874.650</a>



**LABEL CLIP**

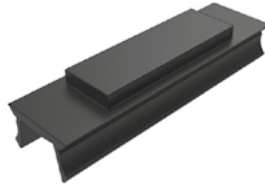
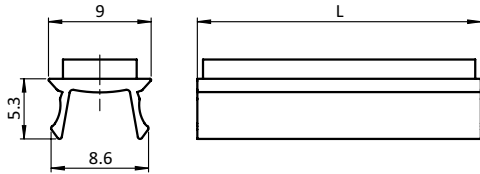
<b>MODEL</b>	For profiles with slot 8, 10
<b>DESCRIPTION</b>	For labelling on profiles - with 30 mm: for labels with 23 mm (max. 26 mm) height - with $\geq 40$ mm: for labels with 36 mm (max. 38 mm) height
<b>MATERIAL</b>	Plastic PVC
<b>COLOR</b>	Gray $\approx$ RAL 7035 / transparent
<b>PACK QUANTITY</b>	20 pieces (at 102 mm / at 160 mm) or 20 meters (10 pieces at 2 m)
<b>TIP</b>	* Please note: You are ordering in meters!



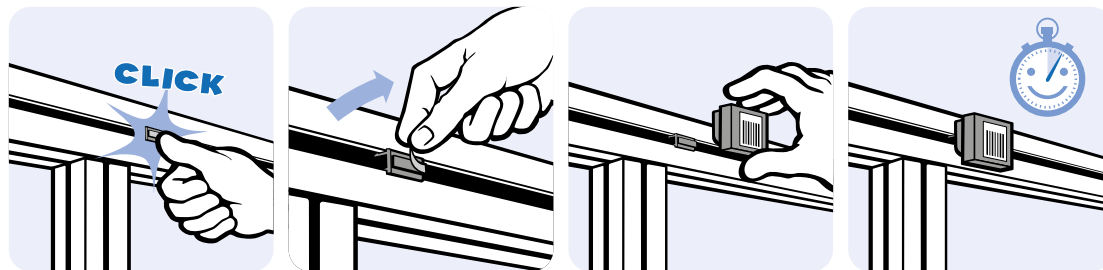
Fig.	H [mm]	L [mm]	for Profile [mm]	E [mm]	N	Weight [g]	Profile	Part #
①	28	102	30	23 ( max. 26)	8	6.0	B	<a href="#">093LC23N08S01.102</a>
①	28	*2000	30	23 ( max. 26)	8	126.0	B	<a href="#">093LC23N08S01.2000</a>
②	40	102	$\geq 40$	36 ( max. 38)	8 + 10	12		<a href="#">093LC36N0810S01.102</a>
②	40	160	$\geq 40$	36 ( max. 38)	8 + 10	16.0		<a href="#">093LC36N0810S01.160</a>
②	40	*2000	$\geq 40$	36 ( max. 38)	8 + 10	190.0		<a href="#">093LC36N0810S01.2000</a>

**ADHESIVE CLIP SLOT 8 - 4.5**

<b>MODEL</b>	Plastic PP, slot 8
<b>DESCRIPTION</b>	For attaching magnetic signs, labels, office supplies etc. in slot 8
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	20 pieces
<b>SPECIALS</b>	Other colors on request

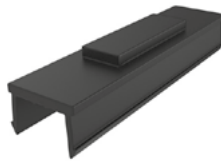
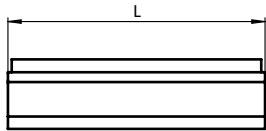
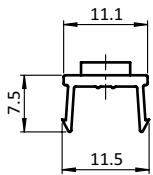


L [mm]	Slot	Weight [g]	Profile	Part #
25.0	8	0.6	I	<a href="#">092080S06.25</a>
50.0	8	1.2	I	<a href="#">092080S06.50</a>

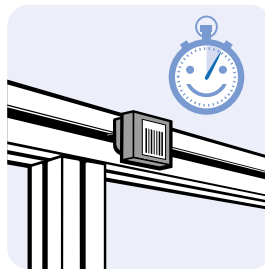
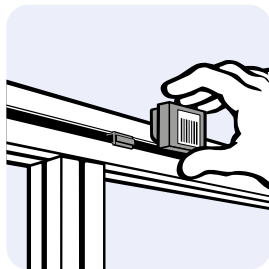
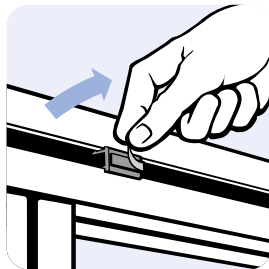
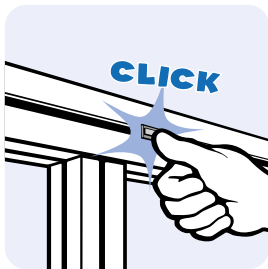


**ADHESIVE CLIP SLOT 10 - 6.0**

<b>MODEL</b>	Plastic PP, slot 10
<b>DESCRIPTION</b>	For attaching magnetic signs, labels, office supplies etc. in slot 10
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	20 pieces
<b>SPECIALS</b>	Other colors on request



L [mm]	Slot	Weight [g]	Profile	Part #
25.0	10	0.9	B	<a href="#">092041S26.25</a>
50.0	10	1.8	B	<a href="#">092041S26.50</a>



CUP HOLDER

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To securely put down a bottle, can or cup, or to park a tool (e.g. a drill)
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, red
<b>FASTENING</b>	M5 countersunk screws
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

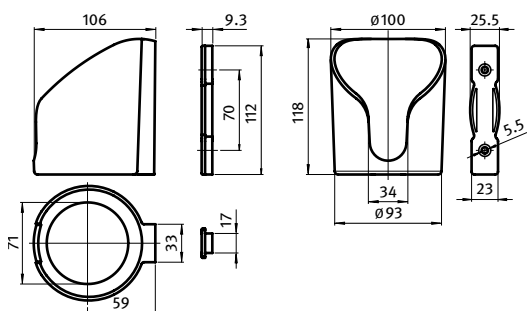
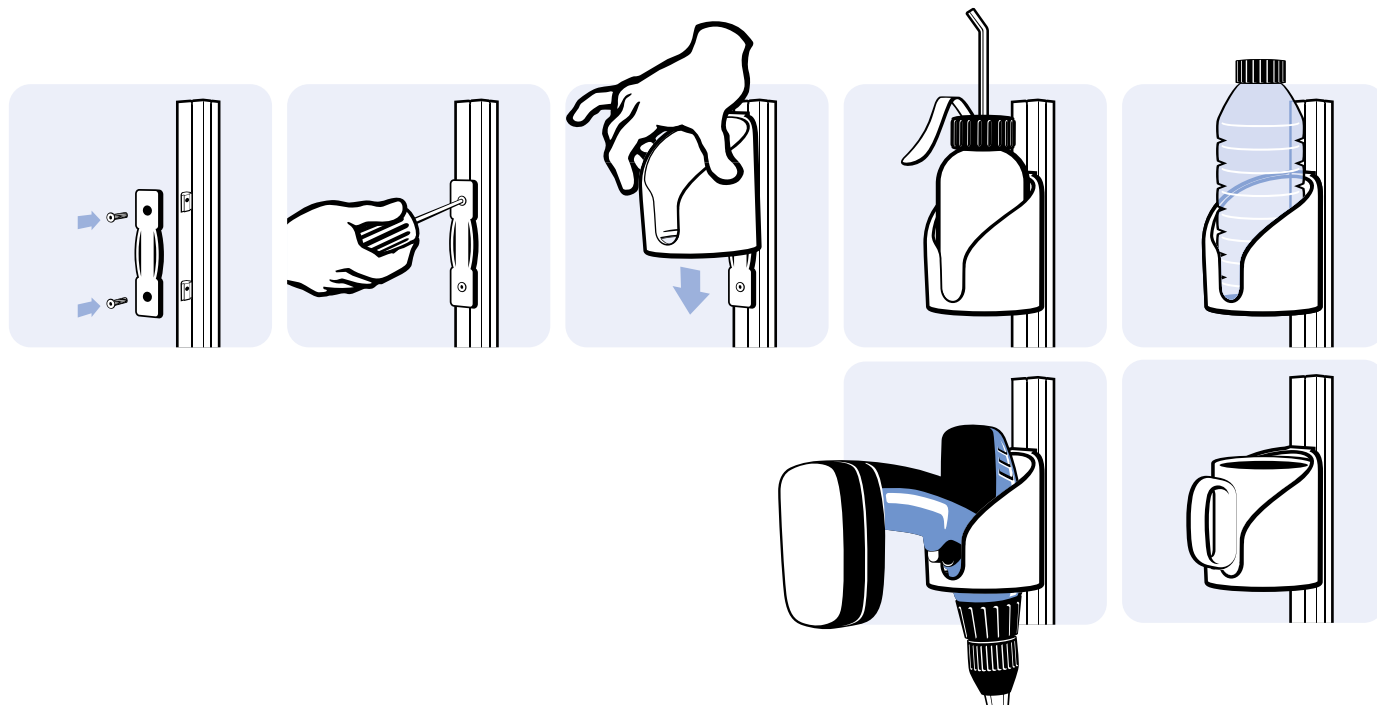
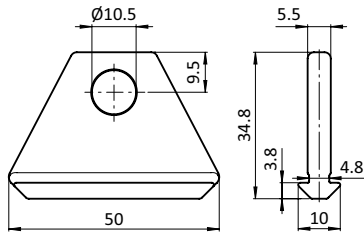


Fig.	Version	Color	ESD	Weight [g]	Part #
②	Open bottom	Black		145.6	09308901
②	Open bottom	Red ≈ RAL 3002		145.6	09308901S01
①	Closed bottom	Black		157.0	09308902
①	Closed bottom	Black	ESD electrostatical discharging	149.5	09308902S01



**TOOL HANGER 5/6, 1 HOLE**

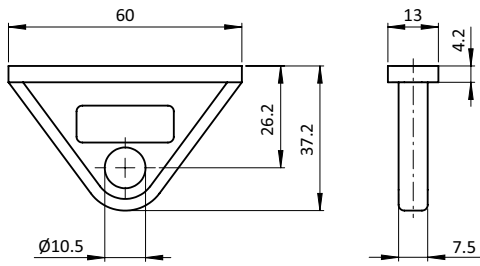
<b>MODEL</b>	Plastic PA, slot 5-6
<b>DESCRIPTION</b>	To hang tools, improves organization at the work station
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Compatible Snap Hooks for Tool Hanger see 092020



Color	Material	Slot	Weight [g]	Part #
Black	Plastic PA	5 / 6	9.0	<a href="#">093009</a>
Gray ≈ RAL 7042	Plastic PA	5 / 6	9.0	<a href="#">093009S01</a>

**TOOL HANGER 8, 1 HOLE**

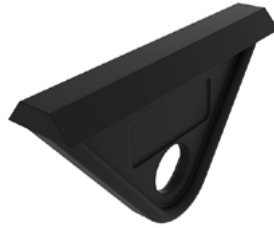
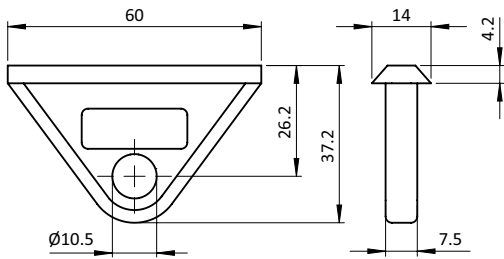
<b>MODEL</b>	Plastic PA, slot 8
<b>DESCRIPTION</b>	To hang tools, improves organization at the work station
<b>MATERIAL</b>	Plastic PA
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Compatible Snap Hooks for Tool Hanger see 092020



Material	N	Weight [g]	Part #
Plastic PA	8	9.9	<a href="#">093003S01</a>

**TOOL HANGER 8/10, 1 HOLE**

<b>MODEL</b>	Plastic PA, Slot 8-10
<b>DESCRIPTION</b>	To hang tools, improves organization at the work station
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Compatible Snap Hooks for Tool Hanger see 092020

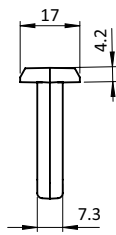
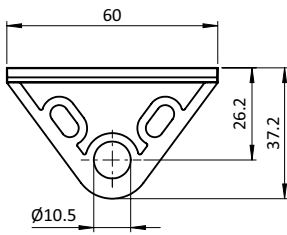


Color	Material	N	Weight [g]	Part #
Black	Plastic PA	8 / 10	9.0	<a href="#">093007</a>
Gray ≈ RAL 7042	Plastic PA	8 / 10	9.0	<a href="#">093007S02</a>



**TOOL HANGER 8/10, 3 HOLE**

<b>MODEL</b>	Plastic PA, Slot 8-10
<b>DESCRIPTION</b>	To hang tools, improves organization at the work station; With additional holes for attaching safety ropes
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Compatible Snap Hooks for Tool Hanger see 092020



Color	Material	N	Weight [g]	Part #
Black	Plastic PA	8 / 10	10.8	<a href="#">093006</a>
Gray ~ RAL 7042	Plastic PA	8 / 10	10.8	<a href="#">093006S02</a>

**SNAP HOOK FOR TOOL HANGERS**

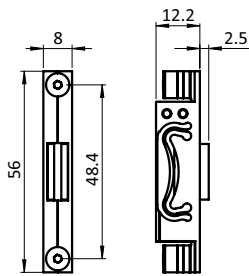
<b>MODEL</b>	Steel / stainless steel
<b>DESCRIPTION</b>	To attach tools to tool hangers
<b>MATERIAL</b>	Steel / stainless steel
<b>SURFACE</b>	Zinc plated / plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Tool Hangers see 093009 et sq.



Fig.	Material	Weight [g]	Dimensions [mm]	Part #
①	Steel	27.0	6 x 60	<a href="#">092020</a>
②	Stainless steel	68.0	8 x 80	<a href="#">092318</a>

**MAGNETIC HOLDER I, SLOT 8**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	For easy storage of metal tools and objects on aluminum profiles, holding force 20 N; Easy installation and positioning in the slot by clipping in and then tightening the expanding clamps
<b>MATERIAL</b>	Magnetic holder: Plastic PA Magnet: Neodymium Assembly material: Steel
<b>SURFACE</b>	Assembly material: Zinc plated
<b>COLOR</b>	Magnetic holder: Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	1 piece



Slot	Weight [g]	Profile	Part #
8	11.2	I	093323



## TOOL HOLDERS FX

**FATH Tool Holders FX 360° for aluminum profile, round tube and perforated sheet metal: Arrange and organize the work environment flexibly**

- All Tool Holders FX can be rotated 360°
- Easy installation and handling
- Function modules can be combined with all adaptations
- For aluminum profiles, round tubes and tubular frame profiles as well as perforated sheet metal
- Ergonomic tool provision
- Also suitable for heavy tools

### HIGHLIGHTS

**FATH** Tool Holders FX are practical shop floor aids for greater efficiency and order in assembly or production environments. Thanks to the wide range of variants and the high degree of flexibility, you can meet almost any requirement for effective and ergonomic tool provision at your industrial workplace. This creates positive work life and increases productivity.

The adaptability, which at the same time brings the advantage of 360° rotatability, allows the use of **FATH** Tool Holders FX with a wide variety of systems. Assembly on aluminum profiles, round tubes and tubular frame profiles D28, D30 or D27.6 is completed in a few simple steps. The tool holder with the rotatable slot inserts is fastened laterally in slot 8 or slot 10 with a T-slot nut or a hammer nut on the aluminum profile with a modular dimension of 40 mm or

larger. With modular dimensions 40, the fastening module is flush on the front and thus replaces the cover cap at the same time. On round tubes D28, D30 or D27.6, the installation is carried out via clamping with the integrated screw.

The two housing parts of the mounting module are spring-mounted for quick adjustment of the desired angle. Screw on, turn into position, tighten. Done!

### OPTIMAL ERGONOMICS



#### Unique: 360° rotability

All **FATH** Tool Holders FX can be rotated 360° in 36 small steps! This enables a straight mounting even on inclined beams.

Thanks to the 360° rotatability, the alignment of the tool holders can be precisely adjusted so that tools and work equipment can be removed conveniently. Stowing also takes place intuitively and without delaying the work processes, even when using larger tools. Numerous function modules are available for this purpose. This enables good ergonomics and increases efficiency - the employees can use the tools with less effort, an straight alignment can be set for each handle and unnecessary fatigue is avoided.

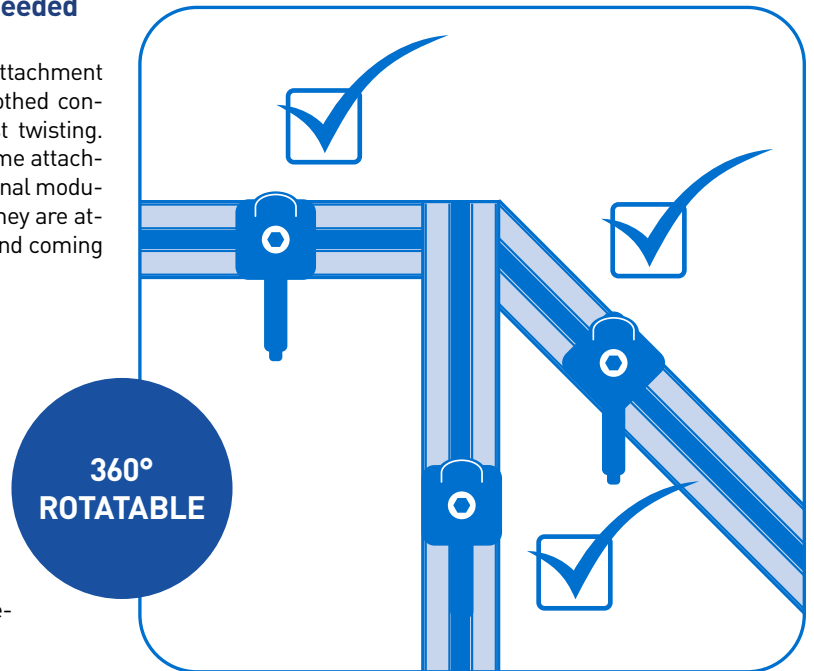
# UNIQUE: 360° ROTABILITY

## Functional modules can be interchanged as needed

All **FATH** Tool Holders FX consist of two modules, the attachment module and the functional module. The circular, 36-toothed connection inside the attachment module protects against twisting. Since all **FATH** Tool Holders FX are mounted with the same attachment module, you can exchange and combine the functional modules as needed, regardless of which tool holder support they are attached to – profile, round tube or tubular frame profile and coming soon: also on perforated plates.

## Refined and truly chic

**FATH** Tool Holders FX are both practical as well as refined and attractive in design. Instead of pure steel constructions, the mounting modules as well as brackets and hooks are available in chic shapes and designs. Additionally, bright plastic adaptations and rubberized hooks visually make a nice impression! For square profile, round tube and tubular frame profile available immediately. The perforated sheet metal variant for opening grid 9 x 9 mm (8.7 x 8.7 mm) will follow shortly.



## Countless possible applications

All **FATH** Tool Holders FX can be flexibly combined and attached to the profile, round tube or tubular frame profile. With the many different versions of brackets and hooks, countless applications can be implemented and virtually all requirements can be covered. Even larger tools such as torque wrenches or locking bolts can be stored safely and at the same time be within easy reach - simply attach two tool hooks at the appropriate distance. The sturdy tool tray is suitable for heavy offset screwdrivers. The sturdy tool tray is suitable for heavy offset screwdrivers.

The quiver holds small tools such as screwdrivers or similar. The practical cloth clip keeps cleaning and dry cloths within easy reach - or even work clothing when you turn the hook upward. The bag cutter allows cutting without scissors, and the bottle holder keeps liquids handy. This saves a lot of time and ensures efficient work processes.



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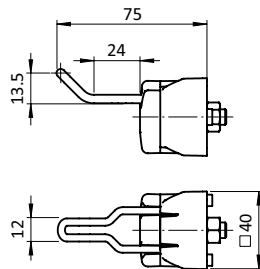


Get to know it  
better now!

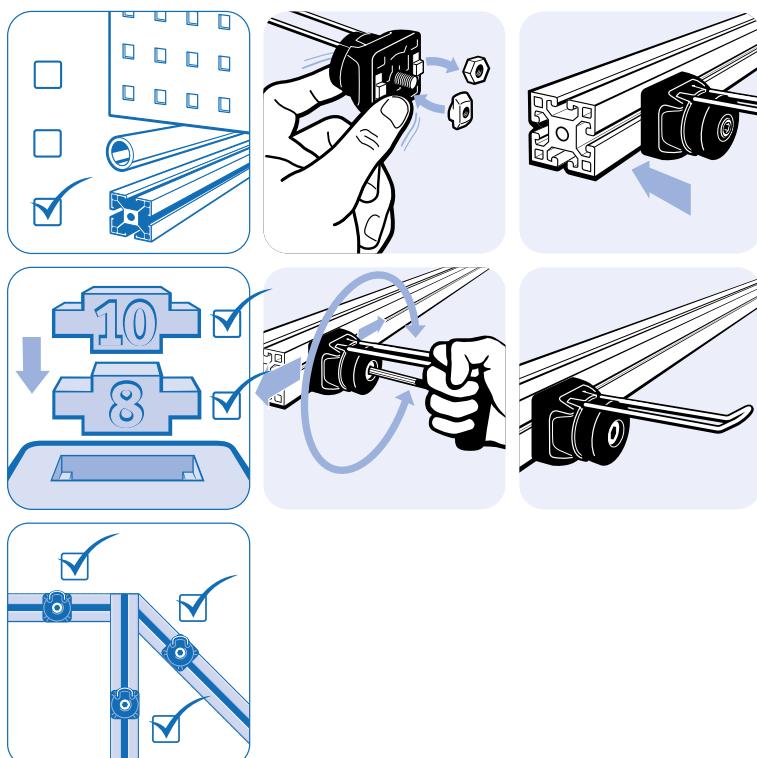
[fx.fath24.com](http://fx.fath24.com)

**TOOL HOOK FX 24/16 - 12 FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for aluminum profiles To organize work stations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TH2D283A5020ESDS01

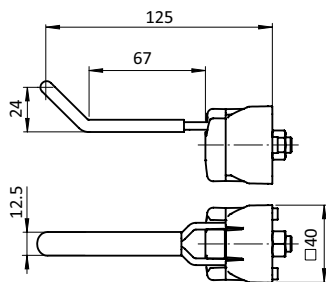


Color	ESD	Weight [g]	Part #
Black		84.5	<a href="#">6TH240NA5020S01</a>
	ESD electrostatical discharging	85.8	<a href="#">6TH240NA5020ESDS01</a>
Gray ≈ RAL 7042		85.8	<a href="#">6TH24074NA5020S01</a>



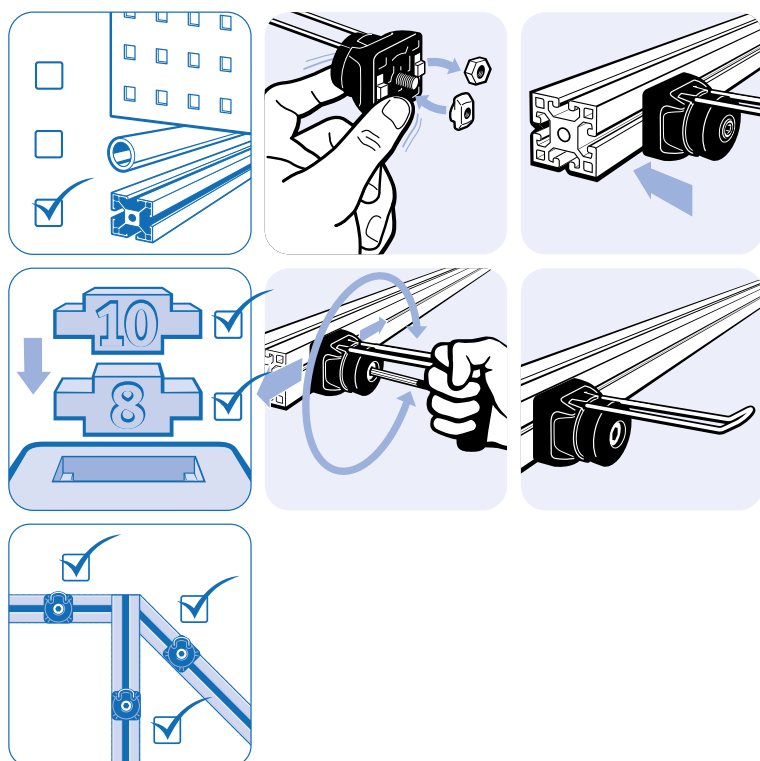
**TOOL HOOK FX 66/27 - 13, RUBBERIZED FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for aluminum profiles; Rubber coated wire to prevent tools from slipping; To organize workstations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Wire: PVC coated Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Wire: Black coated Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TH2D283A903091S01



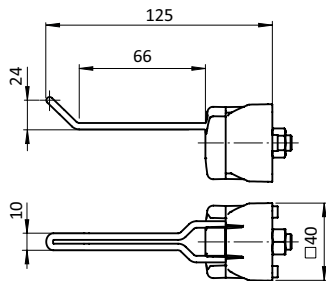
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	Color	Weight [g]	Part #
	Black	124.5	<a href="#">6TH240NA903091S01</a>
	Gray ≈ RAL 7042	95.8	<a href="#">6TH24074NA903091S01</a>

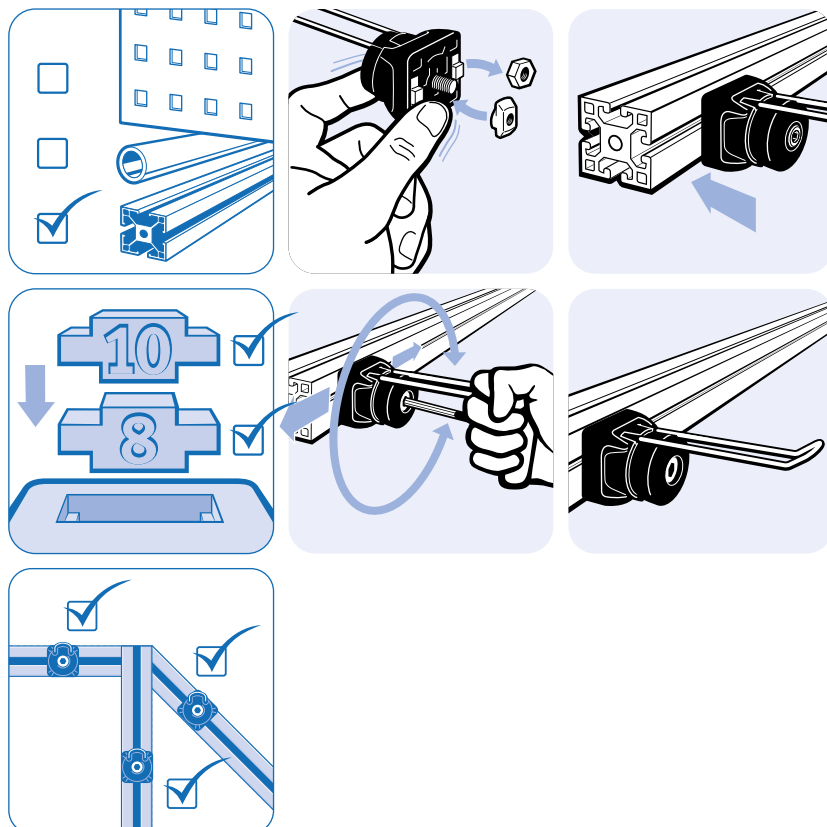


**TOOL HOOK FX 66/27 - 13 FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for aluminum profiles To organize work stations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TH2D283A9030ESDS01



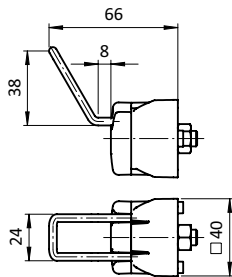
	Color	Weight [g]	Part #
	Black	73.5	<a href="#">6TH240NA9030S01</a>
	Gray ≈ RAL 7042	73.5	<a href="#">6TH24074NA9030S01</a>





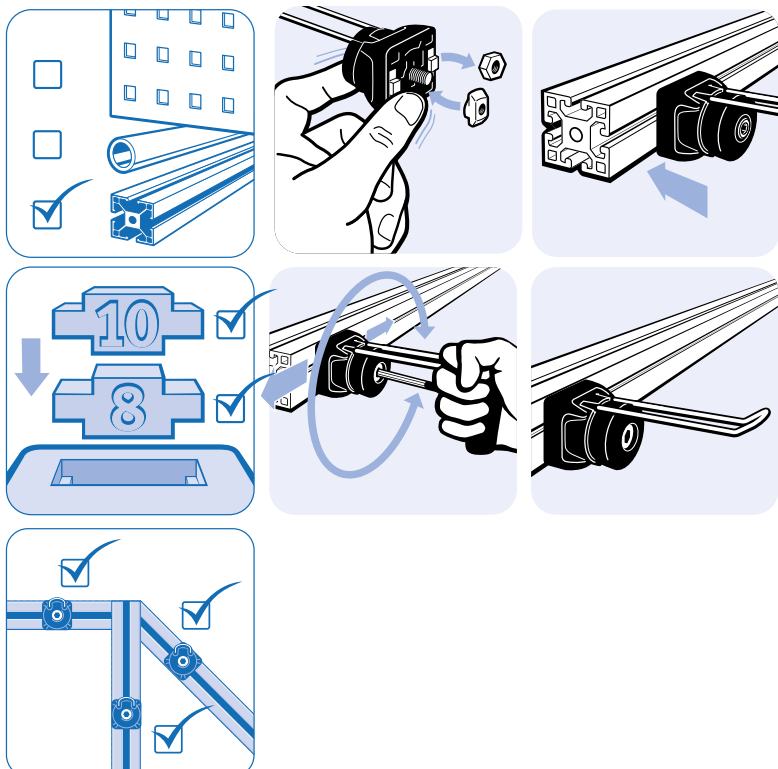
**TOOL HOOK FX 7/38 - 24 FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for aluminum profiles To organize work stations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TH2D283A3040ESDS01



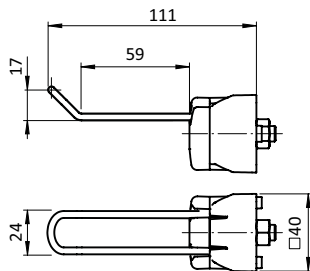
Color	ESD	Weight [g]	Part #
Black		86.5	<a href="#">6TH240NA3040S01</a>
	ESD electrostatical discharging	87.8	<a href="#">6TH240NA3040ESDS01</a>
Gray ~ RAL 7042		87.8	<a href="#">6TH24074NA3040S01</a>

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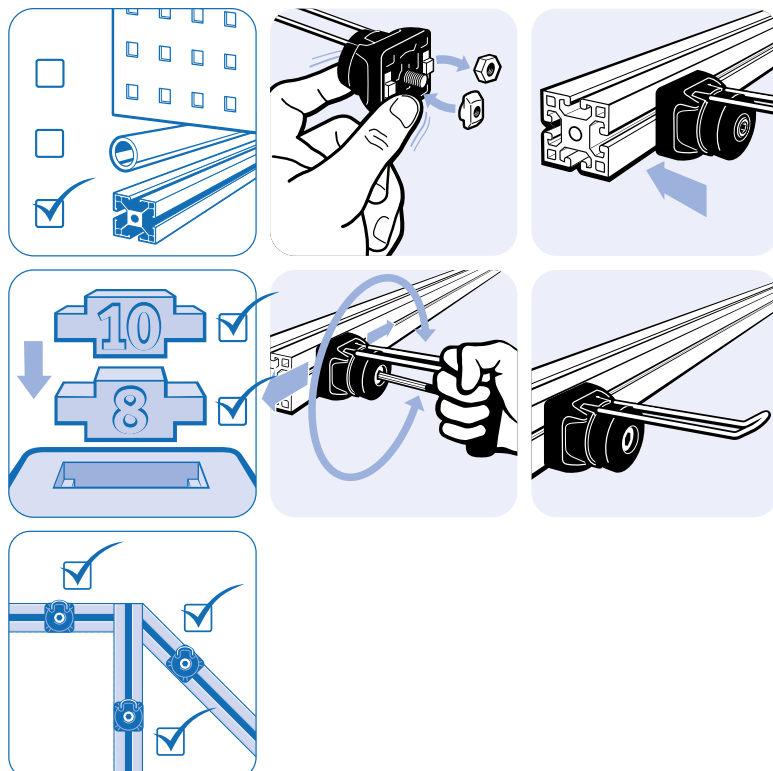


**TOOL HOOK FX 59/19 - 24 FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for aluminum profiles To organize work stations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TH2D283A8020ESDS01

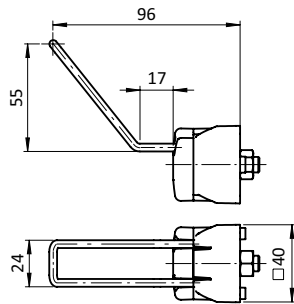


Color	ESD	Weight [g]	Part #
Black		84.5	<a href="#">6TH240NA8020S01</a>
	ESD electrostatical discharging	92.8	<a href="#">6TH240NA8020ESDS01</a>
Gray ≈ RAL 7042		92.8	<a href="#">6TH24074NA8020S01</a>



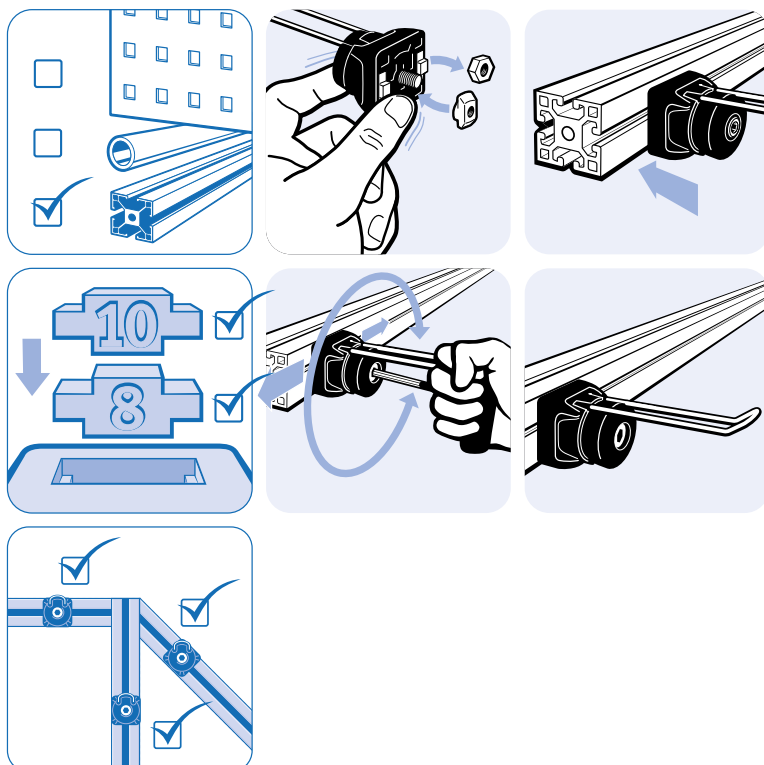
**TOOL HOOK FX 17/57 - 24 FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for aluminum profiles To organize work stations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TH2D283A4060ESDS01



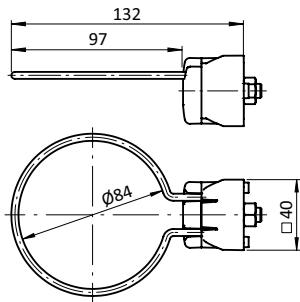
Color	ESD	Weight [g]	Part #
Black		92.3	<a href="#">6TH240NA4060S01</a>
	ESD electrostatical discharging	93.8	<a href="#">6TH240NA4060ESDS01</a>
Gray ≈ RAL 7042		93.8	<a href="#">6TH24074NA4060S01</a>

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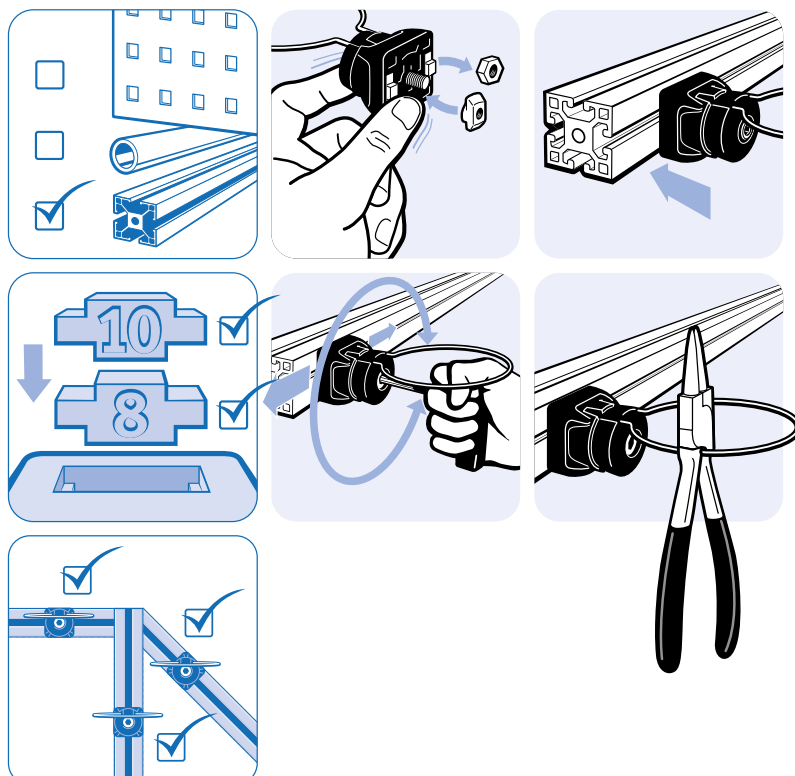


**TOOL HOLDER FX D80 FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool holder ring with 80 mm diameter, 360° turnable, for aluminum profiles; To organize workstations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TH2D283D80ESDS01

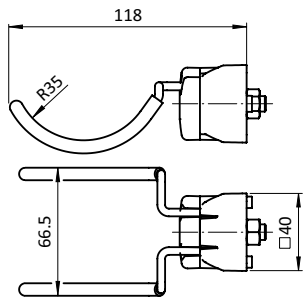


Color	ESD	Weight [g]	Part #
Black		99.3	<a href="#">6TH240ND80S01</a>
	ESD electrostatical discharging	100.8	<a href="#">6TH240ND80ESDS01</a>
Gray ≈ RAL 7042		100.8	<a href="#">6TH24074ND80S01</a>



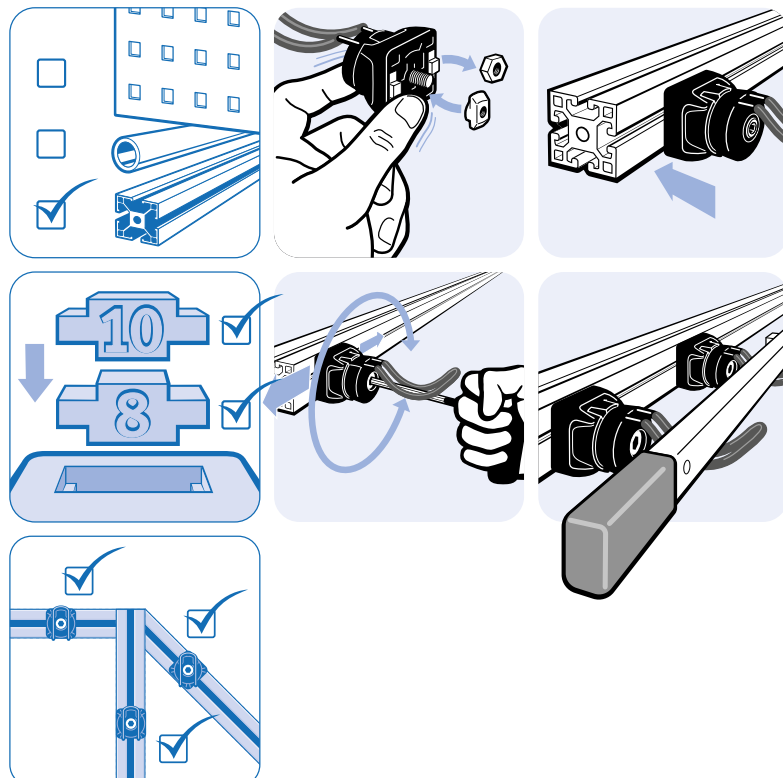
**TOOL DOUBLE HOOK FX R35 - 67, RUBBERIZED FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use double tool hook, 360° turnable, for aluminum profiles; Rubber coated wire to prevent tools from slipping; To organize workstations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Wire: PVC coated Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Wire: Black coated Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TH2D283R3091S01



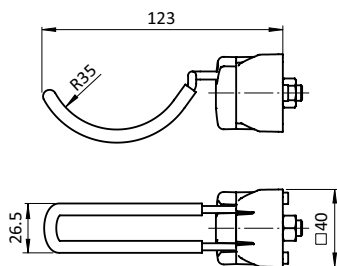
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	Color	Weight [g]	Part #
	Black	127.5	<b>6TH240NR3091S01</b>
	Gray ≈ RAL 7042	128.8	<b>6TH24074NR3091S01</b>

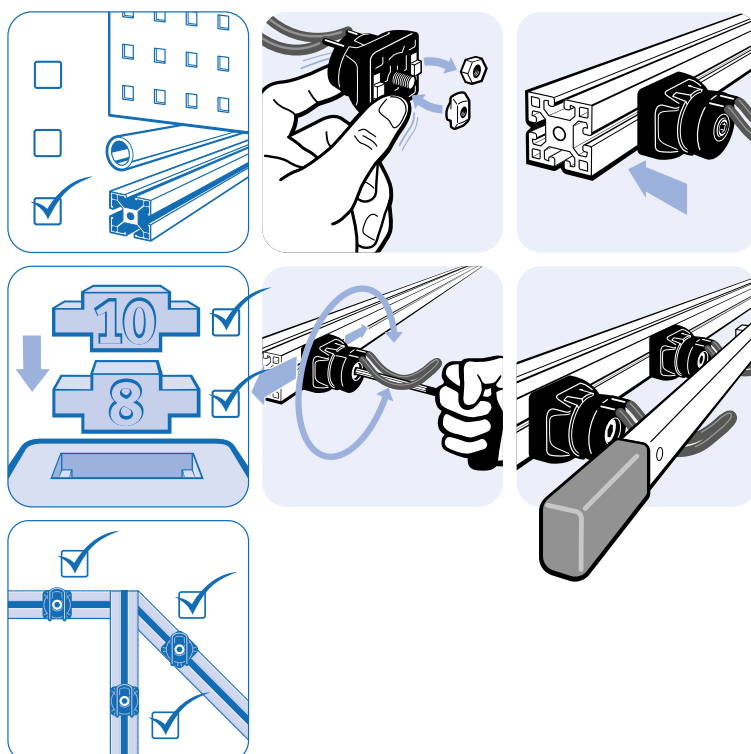


**TOOL HOOK FX R35 - 27, RUBBERIZED FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for aluminum profiles; Rubber coated wire to prevent tools from slipping; To organize workstations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Wire: PVC coated Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Wire: Black coated Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TH2D283R4091S01

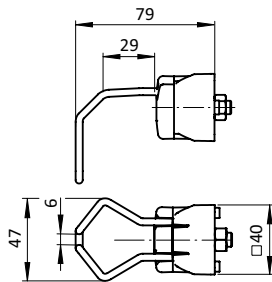


	Color	Weight [g]	Part #
	Black	132.5	<a href="#">6TH240NR4091S01</a>
	Gray ≈ RAL 7042	134.8	<a href="#">6TH24074NR4091S01</a>

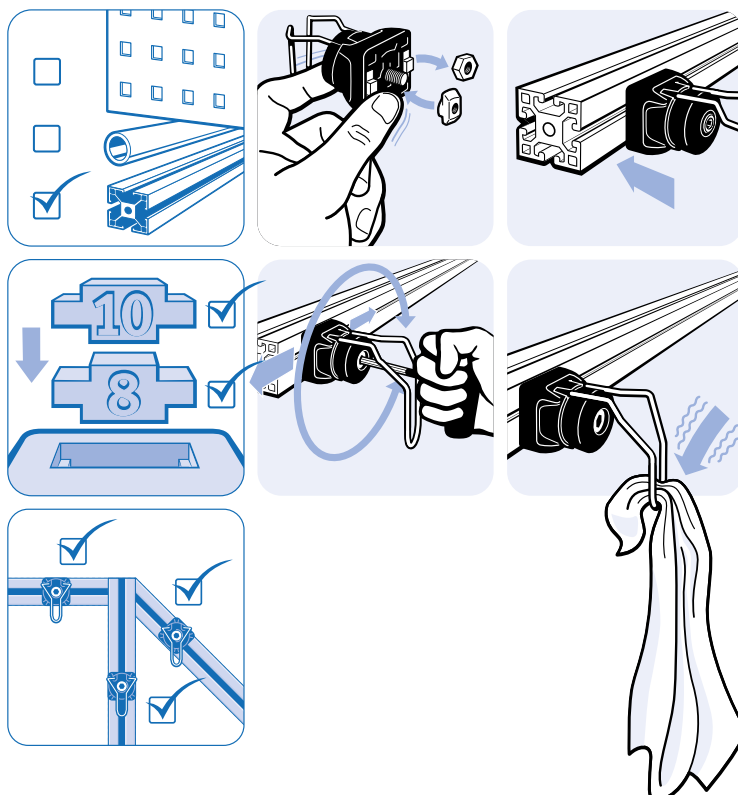


**CLOTH CLIP FX FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use cloth clip, 360° turnable, for aluminum profiles; To organize workstatio
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TH2D283G5050ESDS01

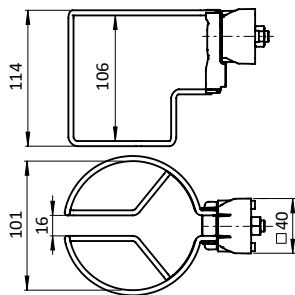


Color	ESD	Weight [g]	Part #
Black		93.5	<a href="#">6TH240NG5050S01</a>
	ESD electrostatical discharging	94.8	<a href="#">6TH240NG5050ESDS01</a>
Gray ≈ RAL 7042		94.8	<a href="#">6TH24074NG5050S01</a>

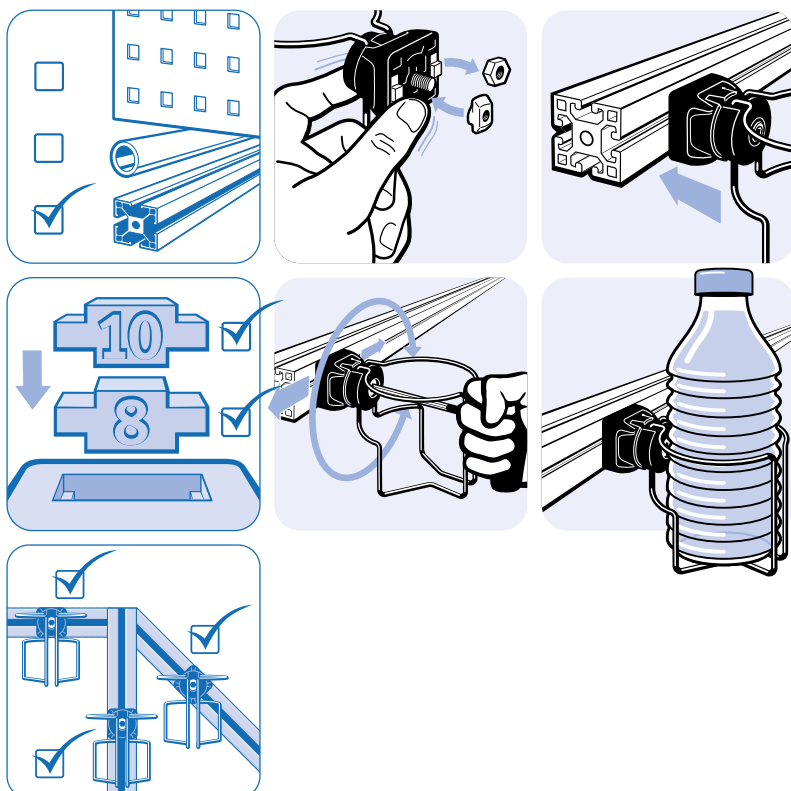


**BOTTLE HOLDER FX FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use bottle holder, 360° turnable, for aluminum profiles; To organize workstations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Wire: Black coated Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TM8D283D100S01



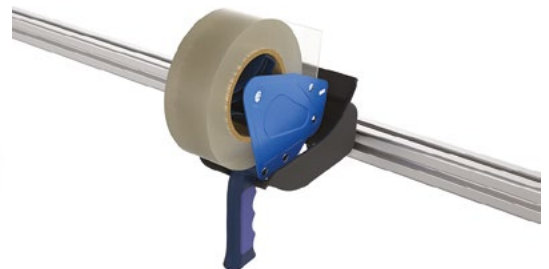
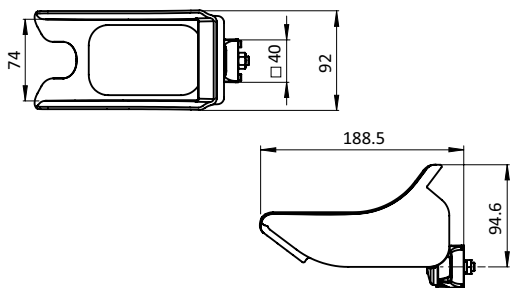
	Color	Weight [g]	Part #
	Black	186.2	<a href="#">6TM840ND100S01</a>
	Gray ≈ RAL 7042	186.2	<a href="#">6TM84074ND100S01</a>



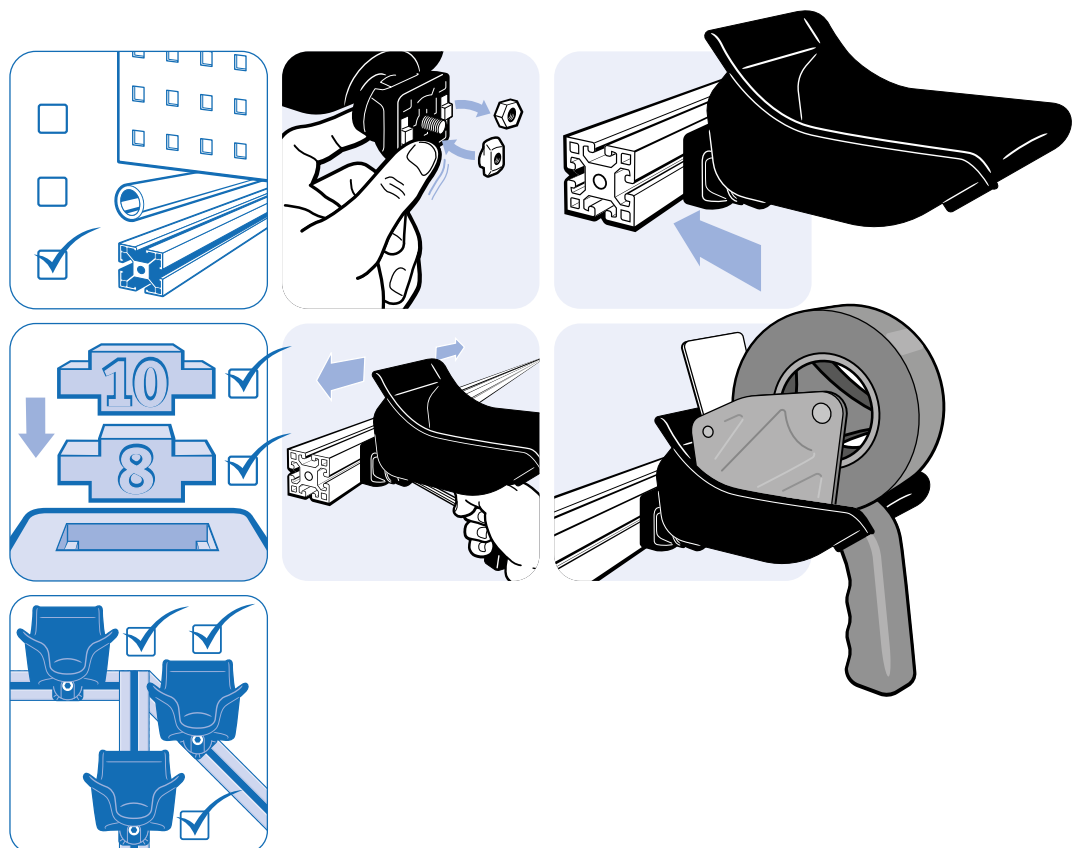


**PACKING TAPE HAND DISPENSER HOLDER FX FOR PROFILE 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool Holder for Packing Tape Hand Dispenser, 360° turnable, for aluminum profiles; To organize workstations
<b>MATERIAL</b>	Holder: Plastic PA, glass ball reinforced Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TD283PT91

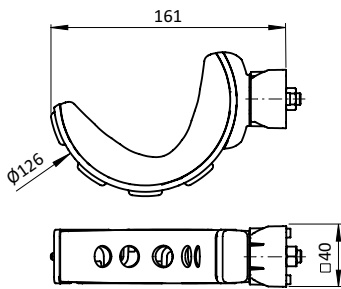


Color	Weight [g]	Part #
Black	183.1	<a href="#">6TM840NPT91</a>
Gray ≈ RAL 7042	183.1	<a href="#">6TM840NPT74</a>

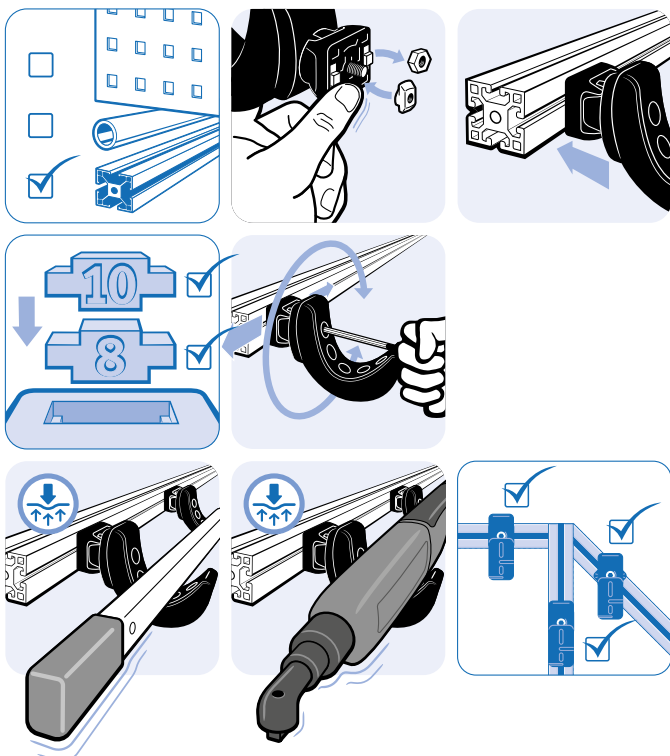


**TOOL TRAY PARABOL FX FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool tray, 360° turnable, tilt-adjustable in 5 ways, for aluminum profiles; Suitable for heavy tools; tool friendly surface; To organize workstations
<b>MATERIAL</b>	Tool tray standard version: Plastic PA, glass ball reinforced Tool tray ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Tray inserts standard version: Plastic TPE, ≈ 70 Shore A Tray inlay ESD electrostatical discharging version: Plastic TPE, ≈ 80 Shore A, with carbon Spring: Spring steel SS313 Washer: Steel Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	2 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TM8D283V12591ESDS01

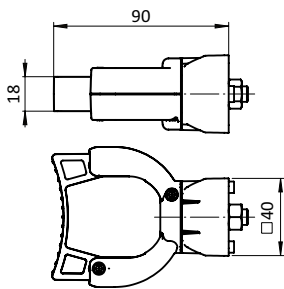


	Color	ESD	Weight [g]	Part #
	Black		226.0	<a href="#">6TM840NV12591S01</a>
		ESD electrostatical discharging	218.0	<a href="#">6TM840NV12591ESDS01</a>



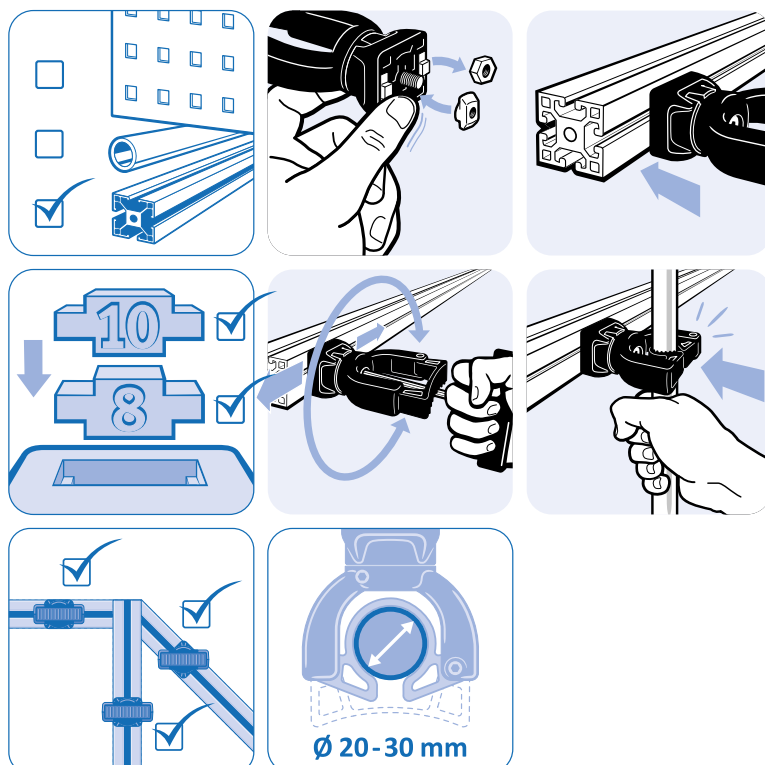
**BROOM HOLDER FLEX FX 20 - 30 FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use broom holder to hang up tools with Ø 20 up to 30 mm diameter, 360° turnable, for aluminum profiles; To organize workstations
<b>MATERIAL</b>	Broom holder: Plastic PA, glass ball reinforced Retaining strap FLEX: Plastic TPE Bushings: Steel Screws for retaining strap: Steel Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Retaining strap: Black Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TM8D283X2030S01



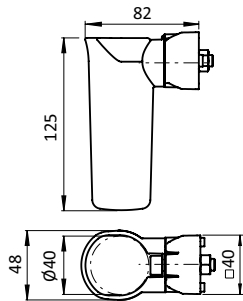
6

Color	Weight [g]	Part #
Black	113.0	6TM840NX2030S01

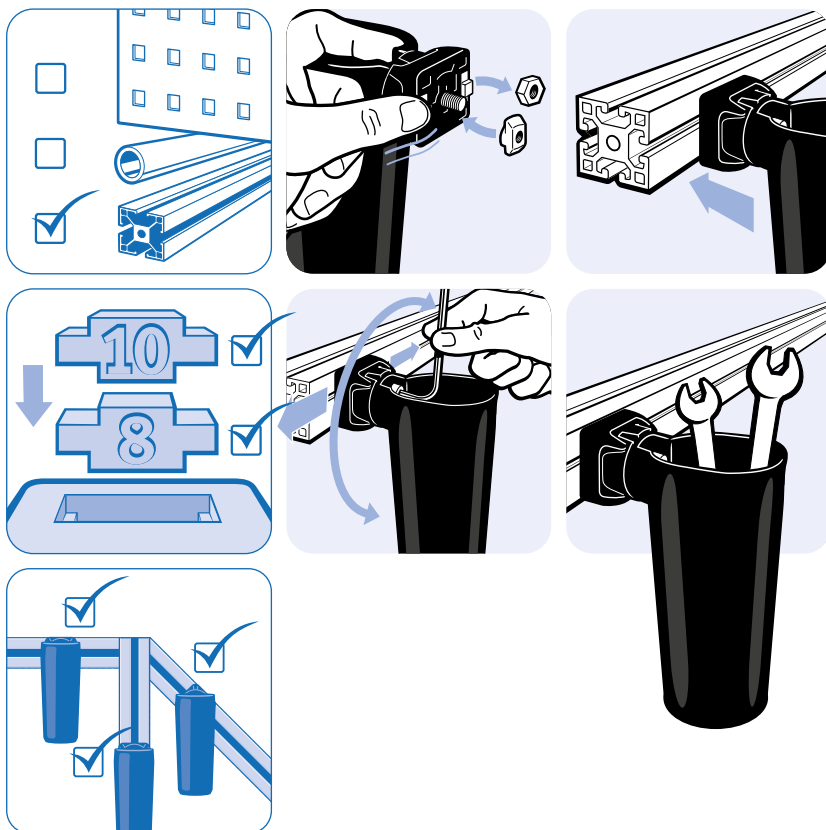


**TOOL QUIVER FX D50 FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool quiver, outer diameter Ø 50 mm, 360° turnable, for aluminum profiles; To organize workstations
<b>MATERIAL</b>	Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Quiver ESD electrostatical discharging version: Plastic PA, carbon fibre reinforced Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TD283Q5040ESDS01

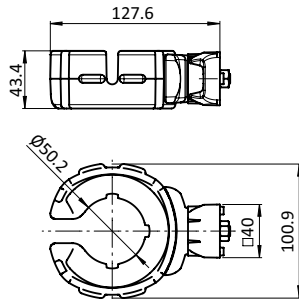


Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	144.0	<a href="#">6T40Q5040ESDS01</a>



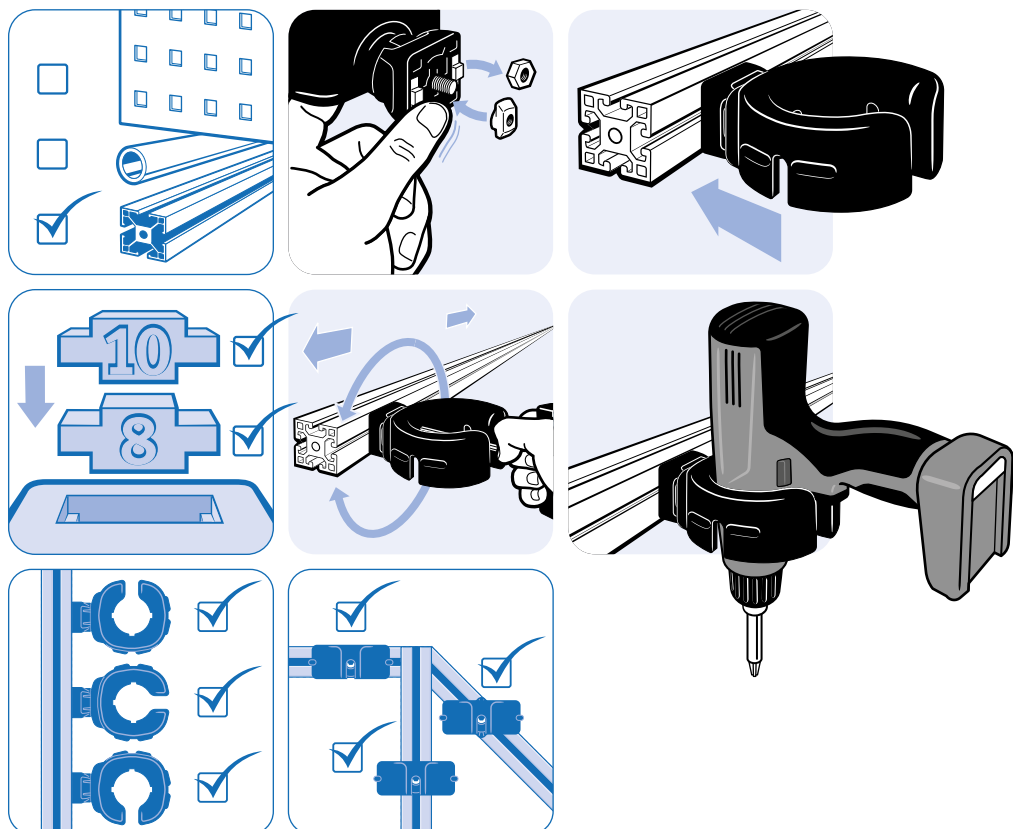
**DRILL / DRIVER HOLDER FX D50 FOR PROFILE 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool Drill / Driver Holder for a wide range of standard cordless screwdrivers, 360° turnable, for aluminum profiles; To organize workstations
<b>MATERIAL</b>	Holder: Plastic PA, glass ball reinforced Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request



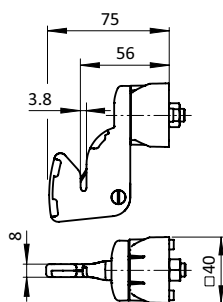
Color	Weight [g]	Part #
Black	174.4	<a href="#">6TM840NL12591S01</a>
Gray ≈ RAL 7042	174.4	<a href="#">6TM840NL12574S01</a>

6

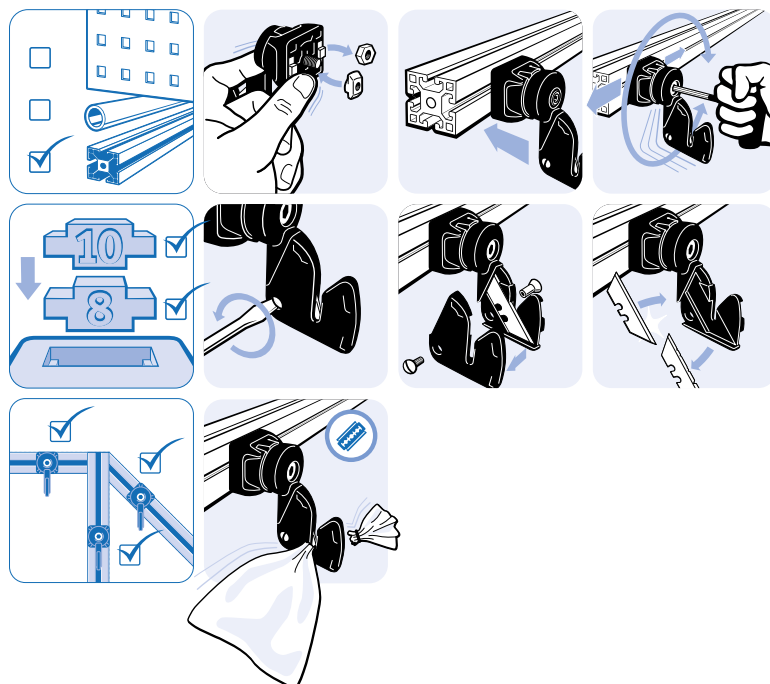


**BAG CUTTER FX FOR PROFILES 40 / 45, SLOT 8 / 10**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use bag cutter, changeable blade, 360° turnable, for aluminum profiles To organize work stations
<b>MATERIAL</b>	Bag cutter standard version: Plastic PA, glass ball reinforced Bag cutter ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Trapezoidal blade: Carbon steel Spring: Spring steel SS313 Countersunk screw: Brass Sleeve nut: Brass Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Counter sunk screw: Nickel plated Sleeve nut: Nickel plated Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Base unit: See table Centering piece: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For round tubes D28 / D30 see 6TM8D283F91ESDS01
<b>TIP 2</b>	Compatible Trapezoidal Blade for Bag Cutter FX see 061TF91S01

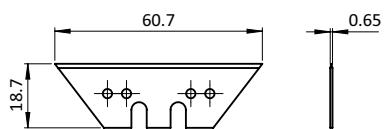


Color	ESD	Weight [g]	Part #
Black		98.2	<a href="#">6TM840NF91S01</a>
	ESD electrostatical discharging	103.6	<a href="#">6TM840NF91ESDS01</a>
Gray ≈ RAL 7042		103.6	<a href="#">6TM840NF74S01</a>



**TRAPEZOIDAL BLADE FOR BAG CUTTER FX**

<b>MODEL</b>	Carbon steel
<b>DESCRIPTION</b>	To replace the blade on the bag cutter
<b>MATERIAL</b>	Carbon steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Bag Cutter FX for Profiles 40 / 45, Slot 8 / 10 see 6TM840NF91S01 Compatible Bag Cutter FX for Tubes D28 / D30 see 6TM8D283F91ESDS01 Compatible Bag Cutter FX for Square Holes 9 x 9 (8.7 x 8.7) see 6TP38F91ESDS01

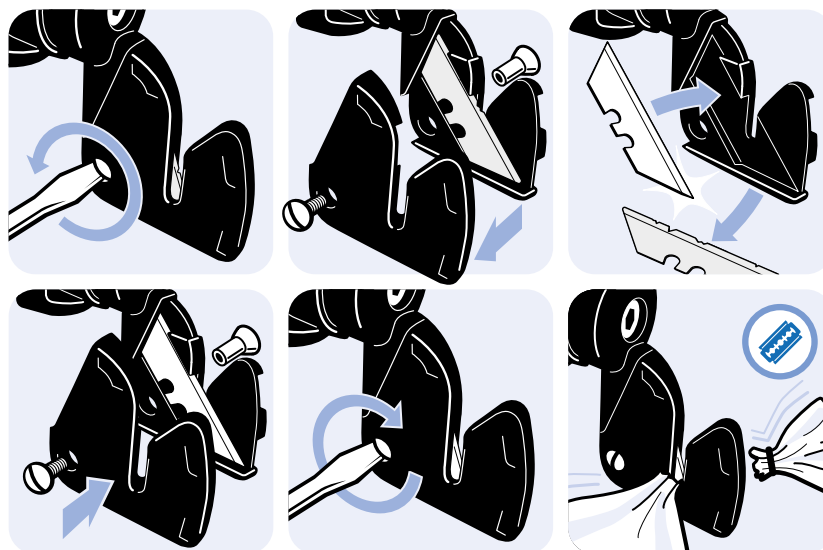


Weight [g]

Part #

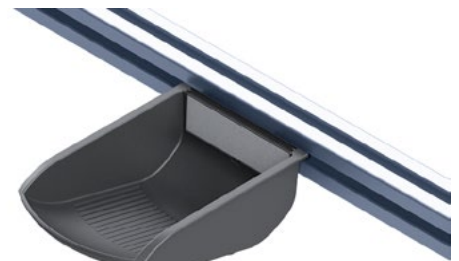
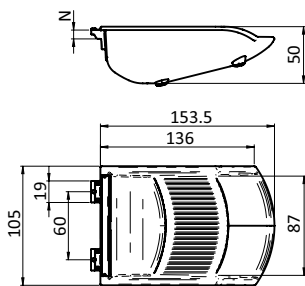
45.7

061TF91S01



**GRAB TRAY 105 X 130 X 50 FOR PROFIL SLOT (SET)**

<b>MODEL</b>	Slot 8, 10
<b>DESCRIPTION</b>	To provide hardware and small parts on sorting area for selective grabbing of smallest components; simple assembly by swiveling into the profile slot; the clearly visible label area enables secure part identification
<b>MATERIAL</b>	Grab tray standard version: Plastic PA, glass fiber reinforced Grab tray ESD electrostatical discharging version: Plastic PA, carbon fiber reinforced Label window: Plastic PC Label: Carton 250 g/m <sup>2</sup> Bumper: Plastic PU, ≈ 65-70 Shore A
<b>COLOR</b>	Grab tray: Black, yellow, red, green, gray Label window: Transparent
<b>SET</b>	1 grab tray, 1 label window, 1 label, 4 bumper, self-adhesive
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other colors on request

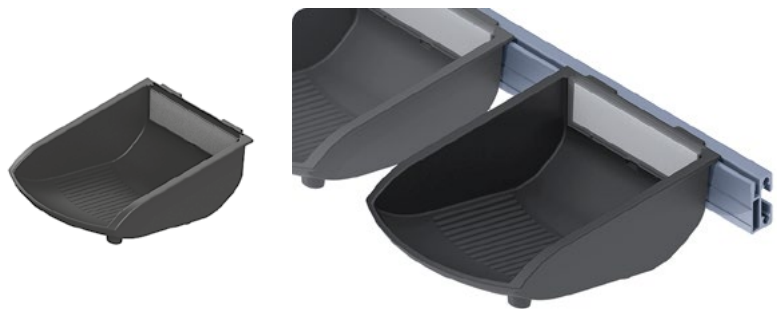
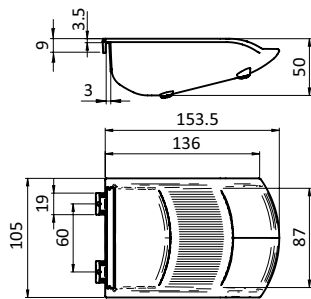


N	Color	ESD	Weight [g]	Part #
8	Black		120.1	<a href="#">061MGT2D391N08</a>
8	Black	ESD electrostatical discharging	102.4	<a href="#">061MGT2D391N08ESD</a>
8	Gray ≈ RAL 7042		120.1	<a href="#">061MGT2D374N08</a>
10	Black		120.7	<a href="#">061MGT2D391N10</a>
10	Black	ESD electrostatical discharging	106.1	<a href="#">061MGT2D391N10ESD</a>



**GRAB TRAY 105 X 130 X 50 FOR SUSPENSION PROFILE (SET)**

<b>MODEL</b>	For suspension profile
<b>DESCRIPTION</b>	To provide hardware and small parts on sorting area for selective grabbing of smallest components; simple assembly by swiveling into the suspension profile or grid plate; the clearly visible label area enables secure part identification
<b>MATERIAL</b>	Standard version: Plastic PA, glass fibre reinforced ESD electrostatical discharging version: Plastic PA, carbon fibre reinforced
<b>COLOR</b>	Grab tray: Black, yellow, red, green, gray Label window: Transparent
<b>SET</b>	1 grab tray, 1 label window, 1 label, 4 bumper, self-adhesive
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other colors on request



Color	ESD	Weight [g]	Part #
Black		118.5	<a href="#">061MGT2D391H</a>
	ESD electrostatical discharging	97.4	<a href="#">061MGT2D391HESD</a>

**GRAB CONTAINER 110 / 210 X 105 X 40**

<b>MODEL</b>	Slot 8, 10
<b>DESCRIPTION</b>	To store and provide small parts; simple assembly by swiveling into the profile slot, optional fixation possibility using 1 or 2 screws M5
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request



B [mm]	N	Weight [g]	Profile	Part #
110	8	95.2	I	<a href="#">061MGC2D291N08</a>
110	10	97.2	B	<a href="#">061MGC2D291N10</a>
210	8	190.8	I	<a href="#">061MGC4D291N08</a>
210	10	194.1	B	<a href="#">061MGC4D291N10</a>

**GRAB CONTAINER 110 X 210 X 40 (SET)**

<b>MODEL</b>	For suspension profile
<b>DESCRIPTION</b>	To store and provide small parts; simple assembly by swiveling into the suspension profile, optional adapter allows for horizontally pivoting fixation; the clearly visible label area enables secure parte identification; stackable
<b>MATERIAL</b>	Grab container standard version: Plastic PA, glass fiber reinforced Grab container ESD electrostatical discharging version: Plastic PA, carbon fiber reinforced Label window: Plastic PC Label: Carton 250 g/m <sup>2</sup>
<b>COLOR</b>	Grab container: Black Label window: Transparent
<b>SET</b>	1 grab container, 1 label window, 1 label
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Compatible Swivel Adapter for Profile Slot see 061MA2291NS01



ESD

Weight [g]

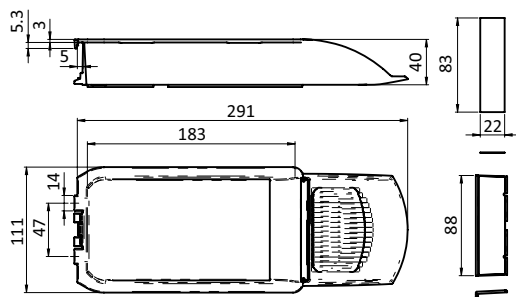
Part #

175.5

061MGC2K291H

**TRAY CONTAINER 110 X 270 X 40 (SET)**

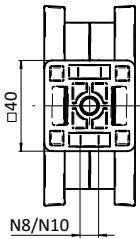
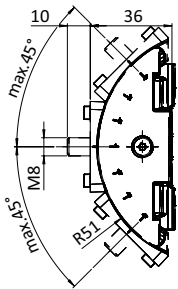
<b>MODEL</b>	For suspension profile
<b>DESCRIPTION</b>	To store and provide small parts, with sorting area; simple assembly by swiveling into the suspension profile, optional adapter allows for horizontally pivoting fixation; the clearly visible label area enables secure parte identification; stackable
<b>MATERIAL</b>	Tray container standard version: Plastic PA, glass fiber reinforced Tray container ESD electrostatical discharging version: Plastic PA, carbon fiber reinforced Label window: Plastic PC Label: Carton 250 g/m <sup>2</sup>
<b>COLOR</b>	Tray container: Black Label window: Transparent
<b>SET</b>	1 tray container, 1 label window, 1 label
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Compatible Swivel Adapter for Profile Slot see 061MA2291NS01



	ESD	Weight [g]	Part #
		219.3	<a href="#">061MTC2K291H</a>
	ESD electrostatical discharging	186.7	<a href="#">061MTC2K291HESD</a>

**PIVOTING ADAPTER FOR CONTAINERS**

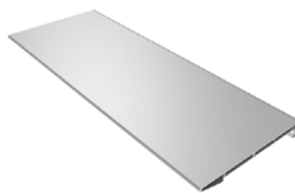
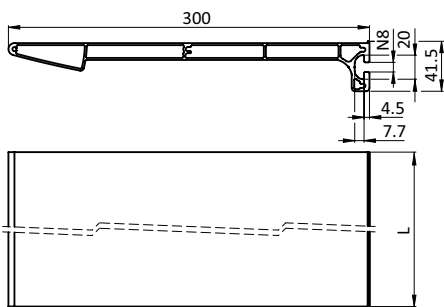
<b>MODEL</b>	Slot 8, 10, for Grab Containers 110 x 210 x 40 and Tray Containers 110 x 270 x 40
<b>DESCRIPTION</b>	To fix grab containers and grab trays on profile slots; with separate slot fixing for slot 8 and slot 10; pivotable in two directions up to 45°; with locking screw for enabling or disabling horizontal pivoting
<b>MATERIAL</b>	Housing standard version: Plastic PA, glass fiber reinforced Housing ESD electrostatical discharging version: Plastic PA, carbon fiber reinforced Adapter standard version: Plastic PA, glass ball reinforced Adapter ESD electrostatical discharging version: Plastic PA, carbon fiber reinforced Centering pieces: Zinc die-cast Mounting material: Steel
<b>SURFACE</b>	Centering pieces: Plain Mounting material: Zinc plated
<b>COLOR</b>	Housing: Black Adapter: Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Compatible Grab Container see 061MGC2K291H; Compatible Tray Container see 061MGT2K291H



	ESD	Weight [g]	Part #
		75.4	<a href="#">061MA2291NS01</a>
	ESD electrostatical discharging	64.3	<a href="#">061MA2291NESDS01</a>

**SHELF BOARD AL 300, SLOT 8**

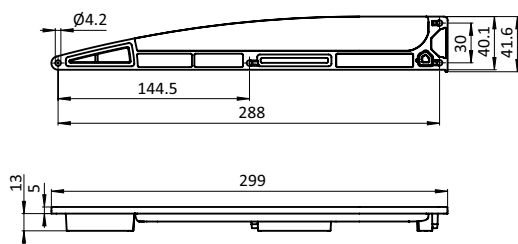
<b>MODEL</b>	Aluminum, slot 8
<b>DESCRIPTION</b>	For the simple creation of high-quality storage areas at work stations
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Cover Caps see 061CC42300.74 # Compatible Direct Connector I, Slot 8 see 099DC084040N08 Compatible Direct Connector I / B, Slot 8 / 10 see 099DC084045N10 Compatible T-Connector Plate see 093VAD28V
<b>TIP 2</b>	For cut: To order, please replace "1188" in the part number by the required length in mm, e.g. "0350" for 350 mm or "2000" for 2000 mm



L [mm]	Slot	Weight [g]	Profile	Part #
788	8	3015	I	<a href="#">061AS300N08.788</a>
1188	8	4546	I	<a href="#">061AS300N08.1188</a>
1488	8	5694	I	<a href="#">061AS300N08.1488</a>
1788	8	6842	I	<a href="#">061AS300N08.1788</a>

**COVER CAP FOR SHELF BOARD AL 300 (SET)**

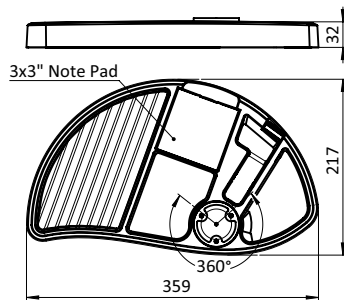
<b>MODEL</b>	For shelf board AL 300, keyboard holder AL and sign holder AL
<b>DESCRIPTION</b>	Screw-on cover cap for the end of the aluminum profile
<b>MATERIAL</b>	Cover caps: Plastic PA, glass ball reinforced Screws: Steel
<b>SURFACE</b>	Screws: Zinc plated
<b>COLOR</b>	Cover Caps: Gray
<b>SET</b>	1 cover cap left, 1 cover cap right, 8 tapping screws DIN 7981 form C - 3.9 x 16
<b>PACK QUANTITY</b>	1 set
<b>SPECIALS</b>	Other colors on request



	Color	Weight [g]	Part #
	Gray ≈ RAL 7042	142.0	<a href="#">061CC42300.74</a>

**PIVOTING UNDER-TABLE STORAGE TRAY**

<b>MODEL</b>	Pivotable 360°
<b>DESCRIPTION</b>	For hidden storage of office supplies within reach under the counter top, with holder for adhesive tape dispenser with core diameter 25.4 mm and compartment for sticky notes up to size of 78 x 78 mm
<b>MATERIAL</b>	Plastic ABS
<b>COLOR</b>	Black
<b>MAX. LOAD</b>	2 kg
<b>FASTENING</b>	Under the table top, using the 3 pan head wood screws 4 x 16 (included in delivery)
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Color gray on request
<b>TIP</b>	Recommended table top thickness: min. 20 mm

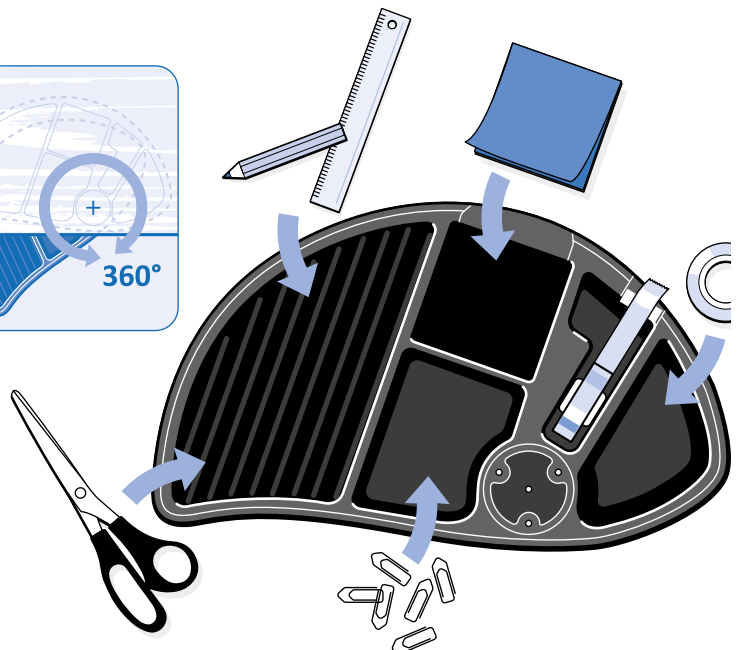
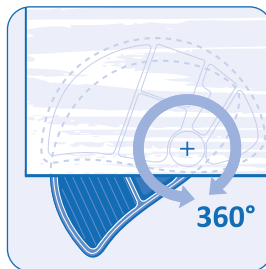
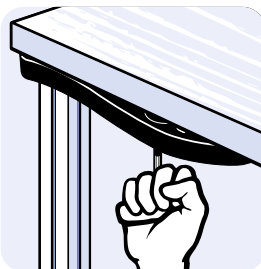
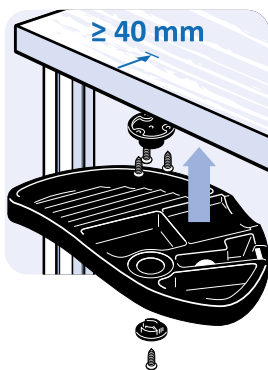


Weight [g]

Part #

293.0

093818







## MAGNIFYING LAMP D160 WITH JOINTED ARM

Precision work accurate and efficient - with the **FATH Magnifying Lamp D160 with Jointed Arm**



- Adapter set for mounting on aluminum profiles – without clamp
- Jointed arm can be mounted vertically, horizontally and diagonally
- Adjustable friction for stable hold
- High-quality, robust plastic parts

### HIGHLIGHTS

The **FATH** Magnifying Lamp D160 with jointed arm provides optimum visibility at the assembly workstation and thus enables fatigue-free and ergonomic working. The error rate is minimized, productivity increases. The jointed arm of the **FATH** Magnifying Lamp D160 can be screwed directly to an aluminum profile 40x40 using the adapter. This leaves the working area free.

The robust design made of aluminum and high-quality plastic parts is perfectly adapted for use in industrial manufacturing. The perfectly balanced jointed arm with adjustable friction and large swivel range allows vertical rotation of 360°. The head joint can be swivelled horizontally by 270°. The **FATH** Magnifying Lamp thus offers a large radius of action and maximum flexibility. With a single hand movement, the **FATH** Magnifying Lamp D160 can be individually adjusted to the needs

of the individual employee. Just as easy is the re-adjustment for a perfect view at every work step. This ensures fatigue-free working in the long term. Due to the adjustable friction, the magnifying lamp has a stable hold in every position and at every angle of inclination. In this way you achieve an optimum of efficiency and ergonomics at the workplace.

### STABLE MOUNTING ON ALUMINUM PROFILE

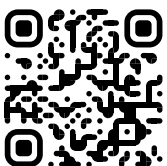
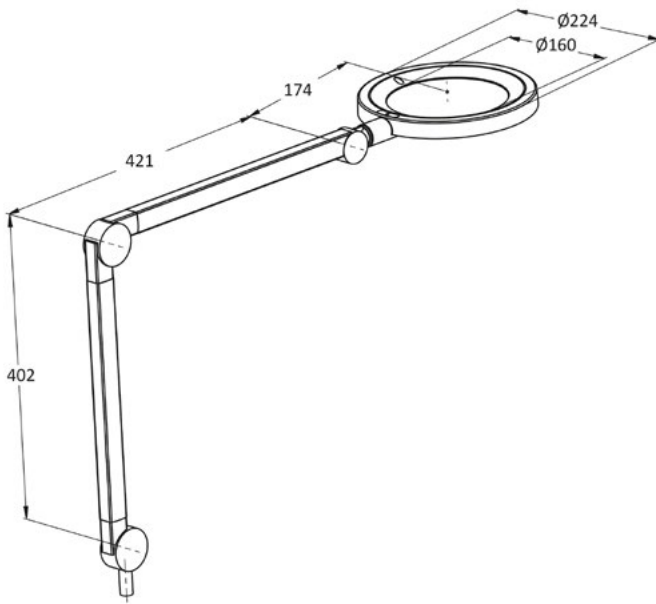


### Clear view: distortion-free magnification and precise vision

The magnifying lamp can be flexibly adapted to different visual tasks and supports the employee in demanding precision work. Thanks to the plastic lens with a diameter of 160 mm and 3.5 dioptries, the large viewing window enables distortion-free magnification of 190% and thus precise, exact vision even while handling the smallest parts.

The generously dimensioned LED ring light can be dimmed steplessly via a push button. The flicker-free lighting does not cast any irritating shadows and is pleasant to the eye thanks to the neutral white 5000 K colour temperature. The **FATH** Magnifying Lamp D160 is equipped with modern LED technology of energy efficiency class A++. A removable cover protects the viewing window from scratches and damage caused by bundled light

THE FLEXIBLE MAGNIFYING LAMP FOR A CLEAR VIEW  
**DURING PRECISION WORK**



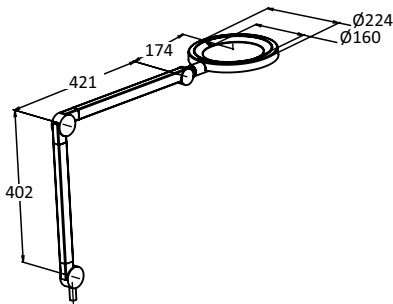
**Get to know it  
better now!**

[magnifying-lamp.fath24.com](http://magnifying-lamp.fath24.com)

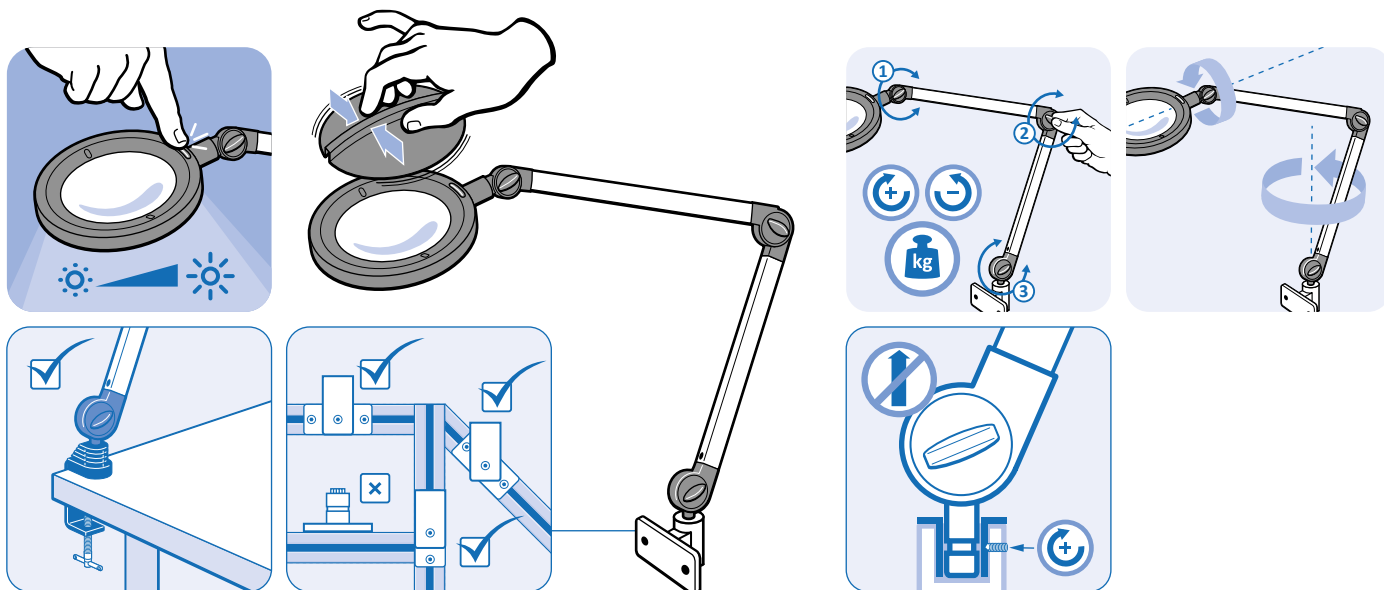


**MAGNIFYING LAMP D160 WITH JOINTED ARM (SET)**

<b>MODEL</b>	With adjustable friction
<b>DESCRIPTION</b>	For fatigue-free and ergonomic precision work without irritating shading; LED ring lamp of energy efficiency class A++ with push button for stepless dimming, color temperature neutral white 5000 K, color rendering Ra >80, power consumption 15 W, protection class IP20; Large field of vision thanks to plastic lens 160 mm with 3.5 diopters for distortion-free magnification of 190%, a cover prevents scratches and damages caused by focused light; Well-balanced jointed arm with adjustable friction and large swivel range, 360° vertically rotatable; head joint 270° horizontally pivotable; Mounting with optional adapter
<b>MATERIAL</b>	Jointed Arm: Aluminum Housing: Plastic Lens: Acrylic glass PMMA Cover: Plastic PC
<b>SURFACE</b>	Jointed Arm: Anodized
<b>COLOR</b>	Housing: Gray Cover: Gray
<b>SET</b>	1 magnifying lamp 1 plug-in power supply protection class II 100-240V, 50/60 Hz with 3 m connecting cable 3 interchangeable adapter EU/UK/US
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Side Adapter see 069A4090ZN1635, Compatible Table Clamp Adapter on request

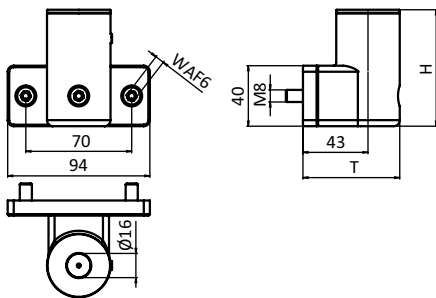


ØD [mm]	Weight [g]	Part #
160	1600.0	063MAL50D16035

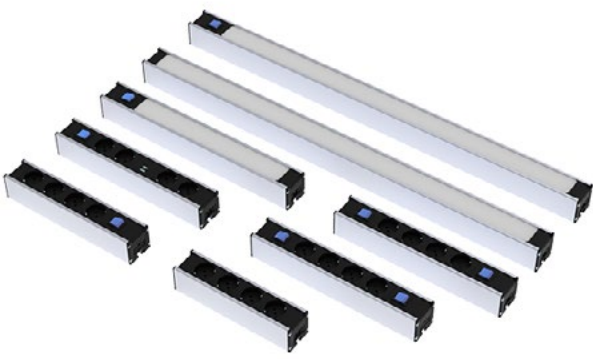


**SIDE ADAPTER FOR MAGNIFYING LAMP D160 WITH JOINTED ARM (SET)**

<b>MODEL</b>	Profile 40 and up
<b>DESCRIPTION</b>	for side mounting on profiles, posts, beams and walls; adapter rotatable for horizontal positioning before mounting; friction adjustable on horizontal axis
<b>MATERIAL</b>	Bearing bush: Plastic POM Mounting flange: Aluminum die-cast Mounting adapter: Aluminum die-cast Screws: Steel
<b>SURFACE</b>	Mounting flange: Lacquered Mounting adapter: Lacquered Screws: Zinc plated
<b>COLOR</b>	Bearing bush: Black Mounting flange: Alu color Mounting adapter: Alu color
<b>SET</b>	1 bearing bush 1 mounting flange 1 mounting adapter 1 mounting screw DIN 6912 - M8 x 25 2 mounting screw DIN 6912 - M8 x 16 1 threaded pin DIN 914 - M6 x 8
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Magnifying Lamp see 063MAL50D16035



H [mm]	T [mm]	ØD [mm]	Weight [g]	Part #
77	64	16	410	<a href="#">069A4090ZN1635</a>



## MODULAR LED LAMPS AND POWER STRIPS F LINE

**FATH LED Lamps and Power Strips F Line:**  
**The modular system for lighting and electricity in the workplace**



- Remote dimming and remote switching
- Connect modules in series as needed
- Flexible lighting for every visual task
- Safe and space-saving light and power supply
- Tool-free one-handed adjustment with **FATH Friction Joints**
- ESD variants available
- Made in Germany

### HIGHLIGHTS

With **FATH** LED Lamps and Power Strips F Line, you can provide light and power at assembly workstations in a single integrated unit – safely, flexibly and when you need it. The lighting and power supply modules are available in different versions, can be easily connected to one another and universally installed on frames, panels and metal or wooden elements. The 18 profile slot on the rear makes them particularly well-suited for mounting on aluminum profile systems.

Power supply is an important aspect of workplace planning. It should be provided on the same surface or at the same height as the tabletop. The wiring should be stowed safely and protected from damage. This can be easily achieved with **FATH** Power Strips F Line – without long cables and with practical connections that can be easily installed in the frame.

The LED lamps can be used as a top lamp or side lamp. Wider and facing workstations can also be equipped with an ideal arrangement of multiple lamps in series. You can flexibly combine the short version (16 watts) with the longer version (40 watts). The lamps can be connected directly to the mains thanks to the integrated control gear. On request, there is the option to dim several lights at the same time.

### REMOTE DIMMING & REMOTE SWITCHING



**Modular concept:**  
**Units can be used separately or in combination – total output of up to 3500 watts**

Combine **FATH** LED Lamps and Power Strips F Line as your workplace requires – an elegant, space-saving solution. All modules have a compact external dimension of 60 x 60 mm. You can connect up to six modules in series and reach a total length of up to eight meters, including cables. The connection cables are available in various standard lengths. Your modular solution for light and power offers a total output of up to 3500 watts for your LED lights and work tools connected to the power strip.

# SINGLE & COMBINED USE

## Directly dimmable LED lamp

In the directly dimmable variant of the LED lamp, the on/off function as well as the dimming are controlled using the dimming button on the input side of the lamp. The last light intensity setting is saved and automatically retrieved the next time the device is switched on.

## Remote switching via the power strip

If you connect a **FATH** Power Strip to an LED lamp, you can remotely switch off the lamp using the large switch on the power strip. The power to the outlets can be disconnected by the switch but will still continue to flow through to the LED lamp. Even though the outlets are deactivated, the light supply is not affected. If several lights are connected in series on a single power strip, all the lights can be switched on and off with a single click of the switch. If directly dimmable LED lights are used, each light is dimmed as needed.

## Convenient remote dimming via the power strip

If the LED lamp is connected to a **FATH** Power Strip that has a dimming button at the output, the light intensity can be adjusted by pressing the dimming button. Each employee can easily adjust the required light intensity for each visual task – regardless of their height and work position. The on/off function for the LED lamp is integrated in the dimming button. One particularly clever feature: In this variant, the dimming strength is stored in the lighting electronics and controlled via a signal from the power strip.

## High light quality and energy-saving operation

Thanks to the conical prism disc, **FATH** LED Lamps provide the workstation with a uniform, glare- and flicker-free luminous flux in workplace-friendly neutral white. They consume significantly less electricity than conventional lights and are virtually maintenance-free thanks to the long service life of up to 100,000 hours for modern LEDs.

## Multiple assembly tables

If two assembly workstations are to be supplied with power and light during production, you can, for example, equip both workstations with one LED lamp each and two power strips and connect all six modules with cables. The power is then supplied from one side in series. For example, if you use two 40-watt LED lamps, a total of 3,420 watts of power remains for the outlets.

With the **FATH** solution for light and electricity, two facing work tables can be supplied compactly and at the same time with enough outlets for the power consumers.

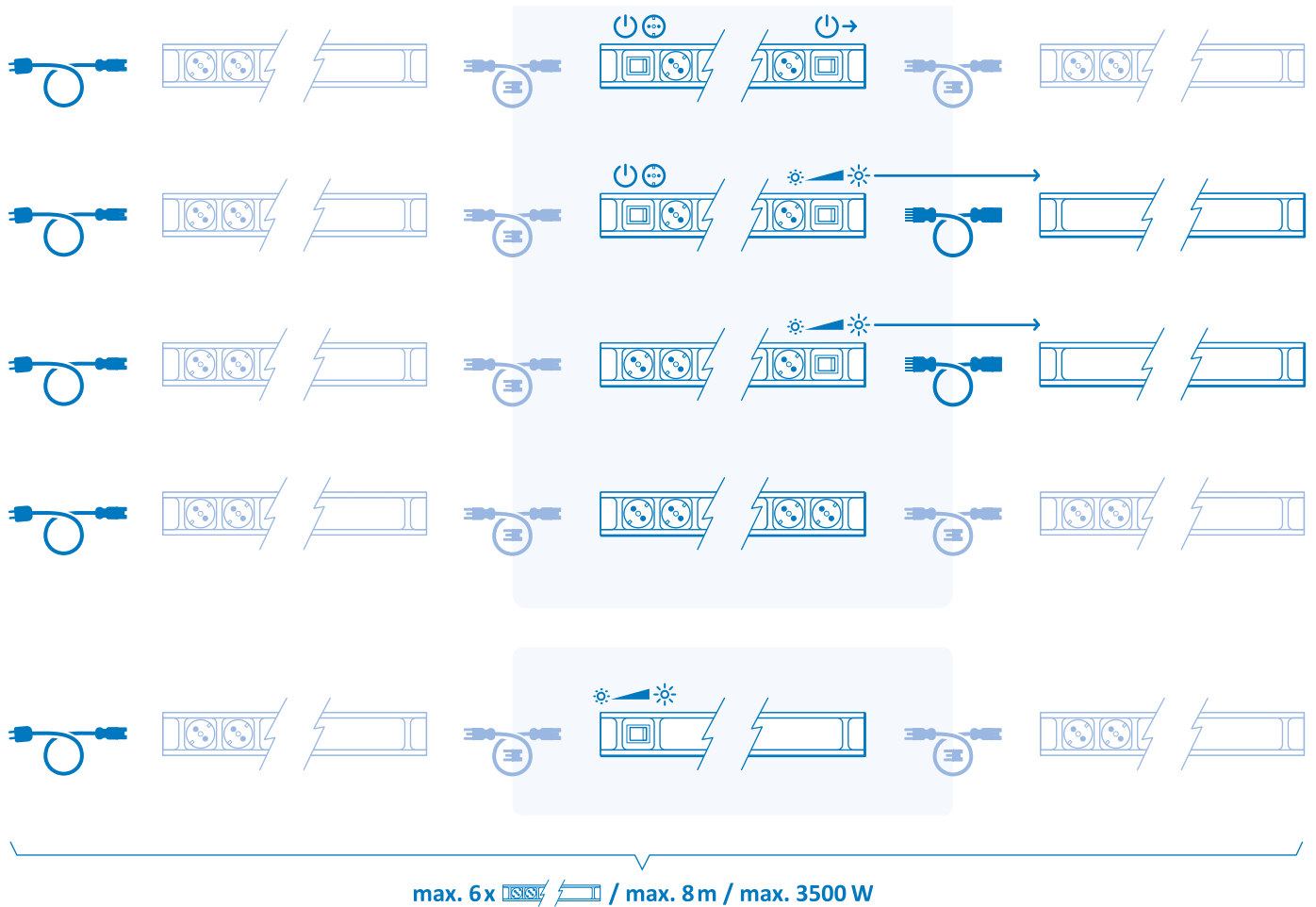
## USB for media use at the workplace

**FATH** Power Strips F Line are also available in a version with an integrated USB port. This means, for example, that tablets for providing information can be operated or charged directly via SMART-IC on the permanently installed power infrastructure – without a power supply unit.



## SINGLE & COMBINED

# USE



6

### ESD variants: Light and power for ESD-compliant workstations

**FATH** LED Lamps and Power Strips F Line are also available for ESD-protected workstations. The aluminum body has an electrostatic discharge coating in black.



## SINGLE & COMBINED

# USE

### Flexible installation with a wide range of accessories

The modules for light and power can be attached to almost any stable support using the slot on the back. Many different installation elements are available: direct connectors, T-connector plates, steel brackets, track connectors and friction joints. All types of installation are designed for fixed installation of the modules in order to ensure safe operation.



Connecting Strip  
140 I, Slot 8,  
096060S02



Direct Connector,  
099DC084040N08



Friction Joint



End Friction Joint



T-connector Plate D28,  
093VAD28V



Steel Connection Angle  
40 EH; 093WU4060V  
093WU4080V

### Safe installation of the F Line system

Electrical connections of the F Line system modules are made using practical accessories. If you need a greater distance between the modules, the system can be configured with connection cables of different lengths. You can connect individual modules for light and power directly to each other by using a connection coupling. All **FATH** LED Lamps and Power Strips F Line are equipped with three or five-pin receptacles. Unused sockets are covered with plastic end caps, which can be ordered if required.

Numerous solutions for optimal cable attachment are available for the safe and compact cabling of your light and power system.

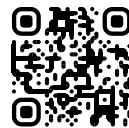
### Pure flexibility:

### **FATH LED Lamps F Line combined with FATH Friction Joints**

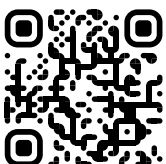
You can achieve highly flexible lighting using **FATH** LED Lamps in combination with **FATH** Friction Joints. The employee can easily adjust and turn the LED lamp at any time as needed – without tools or screws. The friction keeps the lamp securely in the desired position.



More on **FATH** Cable Attachments:  
[cable-fixation.fath24.com](http://cable-fixation.fath24.com)



More on the **FATH** Friction Joints:  
[frictionjoint.fath24.com](http://frictionjoint.fath24.com)



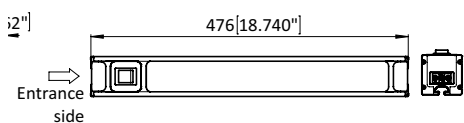
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[light-and-power.fath24.com](http://light-and-power.fath24.com)



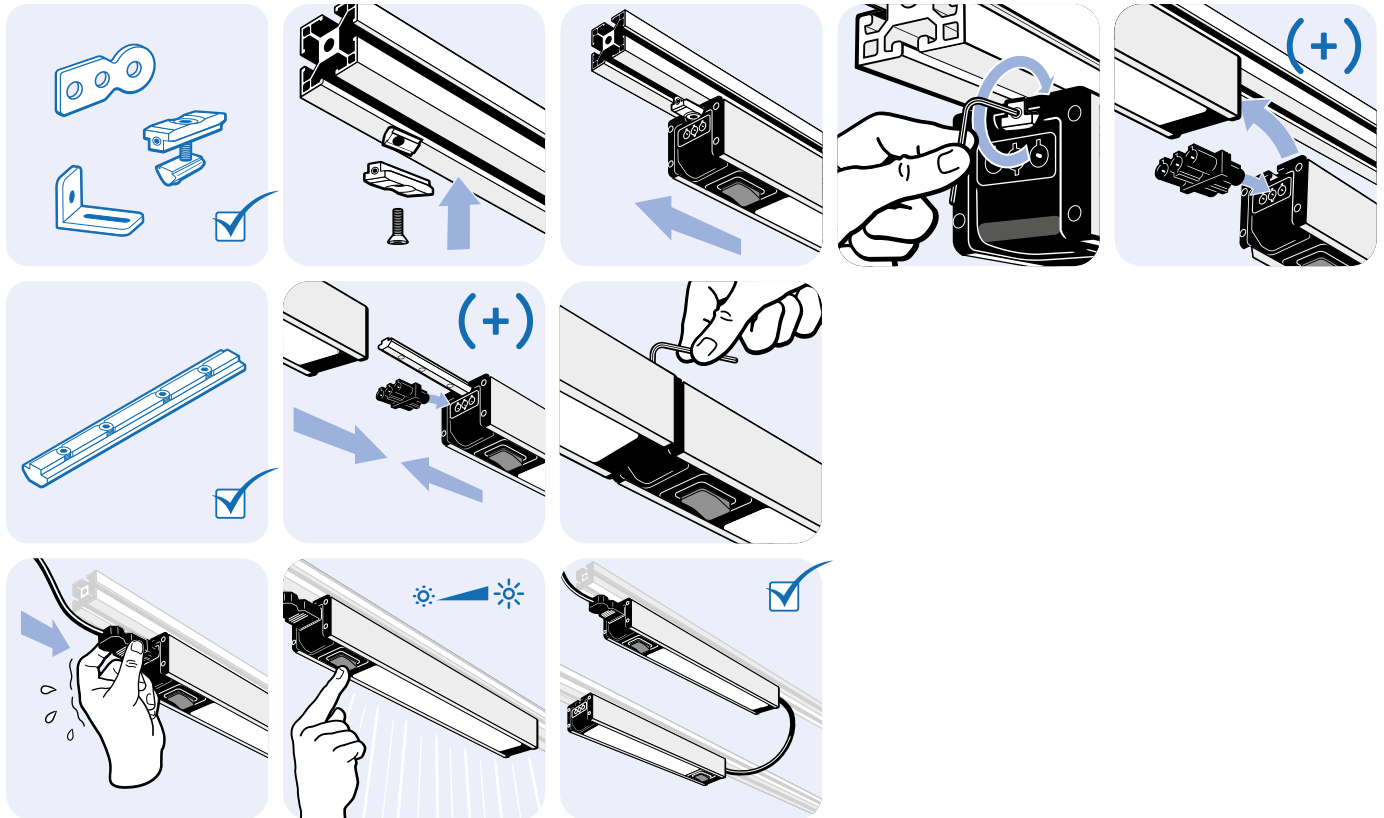
LED LAMP MODULE F LINE I 476, INPUT DIMMABLE

<b>DESCRIPTION</b>	LED Lamp with dimmer button for power and light supply at work stations On the backside with slot 8 for mounting on aluminum profiles
<b>MATERIAL</b>	Housing: Aluminum End caps: Plastic PA, carbon fibre reinforced Diffusing screen: Polycarbonate Dimmer button: Plastic ABS/PA
<b>SURFACE</b>	Housing standard version: Anodized Housing ESD electrostatical discharging version: Powder coated
<b>COLOR</b>	Housing standard version: - Housing ESD electrostatical discharging version: Black End caps: Black Diffusing screen: Transparent Dimmer button standard version: Blue Dimmer button ESD electrostatical discharging version: Orange
<b>LENGTH</b>	476 mm
<b>OPERATING VOLT-AGE / FREQUENCY</b>	230 V, AC / 50 Hz
<b>OPERATING CURRENT</b>	Max. 16 A
<b>POWER INPUT</b>	17 W
<b>COLOR TEMPERATURE</b>	4000 K
<b>COLOR RENDERING INDEX</b>	Ra = 85
<b>LUMINOUS FLUX</b>	1396 lm
<b>LUMINOUS EFFICACY</b>	86 lm/W
<b>BEAM ANGLE</b>	80°
<b>LED LIFETIME</b>	> 100000 h
<b>OPERATING TEMPERATURE</b>	0 - 40 °C
<b>PROTECTION CLASS</b>	I (1)
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other lengths, other colors on request
<b>TIP</b>	Compatible Power Strip see 6SBEU041.264 Compatible Connection Cable see 6ACP5J516B.2000 Compatible Connection Coupling see 6SAKP3J316B Compatible Cover Cap for 3 pole female connector see 063SGF3S01 Compatible Direct Connector I, slot 8 see 099DC084040N08 Compatible Direct Connector I / B, Slot 8 / 10 see 099DC084045N10
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts



LED LAMP MODULE F LINE | 476, INPUT DIMMABLE

ESD	Slot	Weight [g]	Profile	Part #
	8	1360.0	I	<b>6SL1040DI.476</b>
ESD	8	1360.0	I	<b>6SL1040DIE.476</b>



## LED LAMP MODULE F LINE I 953

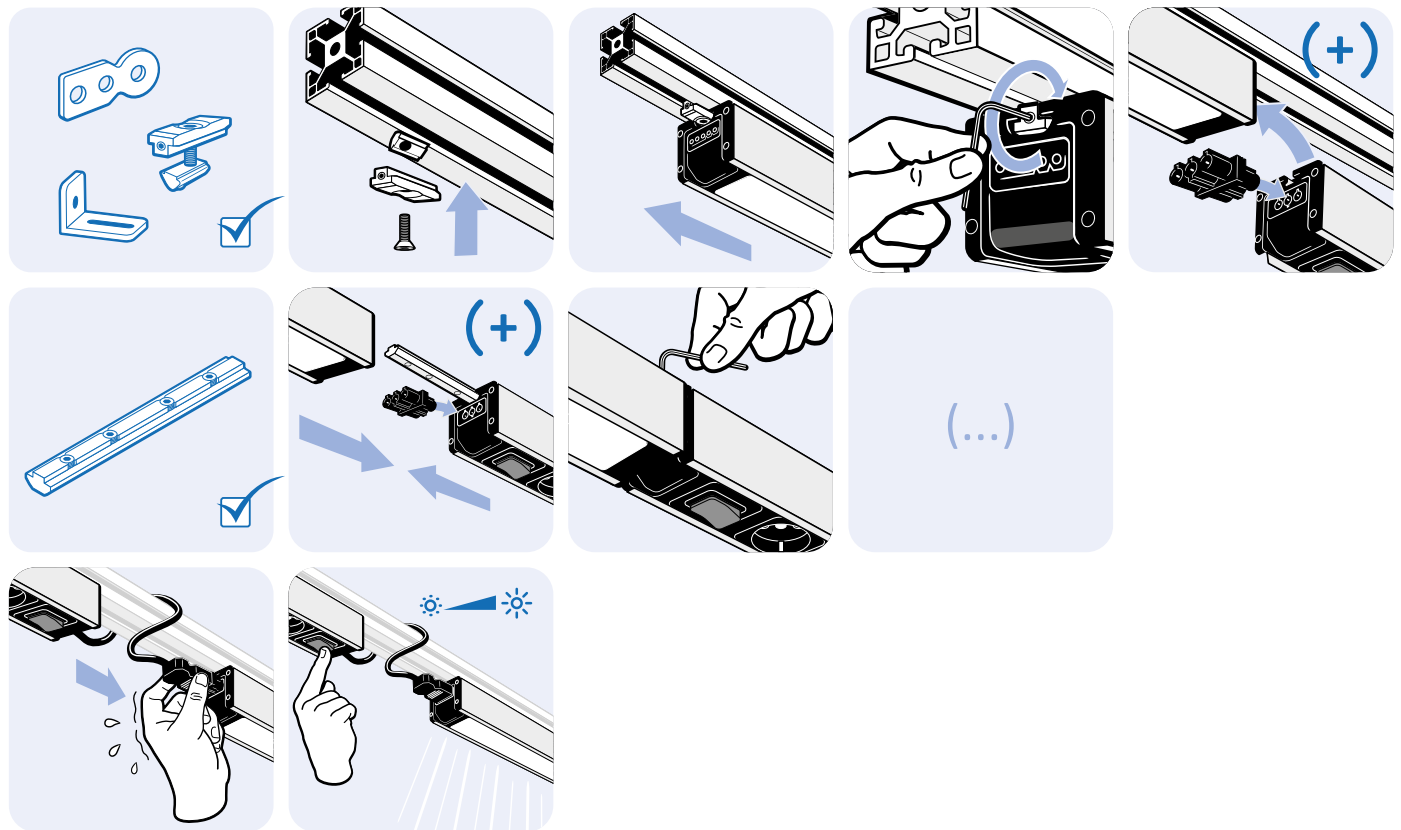
<b>DESCRIPTION</b>	Remote dimmable LED Lamp for power and light supply at work stations Input side only compatible with power strip Modul F Line with dimmable exit On the backside with slot 8 for mounting on aluminum profiles
<b>MATERIAL</b>	Housing: Aluminum End caps: Plastic PA, carbon fibre reinforced Diffusing screen: Polycarbonate Dimmer button: Plastic ABS/PA
<b>SURFACE</b>	Housing standard version: Anodized Housing ESD electrostatical discharging version: Powder coated
<b>COLOR</b>	Housing standard version: - Housing ESD electrostatical discharging version: Black End caps: Black Diffusing screen: Transparent Dimmer button standard version: Blue Dimmer button ESD electrostatical discharging version: Orange
<b>LENGTH</b>	953 mm
<b>OPERATING VOLT-AGE / FREQUENCY</b>	230 V, AC / 50 Hz
<b>OPERATING CURRENT</b>	Max. 16 A
<b>POWER INPUT</b>	40 W
<b>COLOR TEMPERATURE</b>	4000 K
<b>COLOR RENDERING INDEX</b>	Ra = 85
<b>LUMINOUS FLUX</b>	3294 lm
<b>LUMINOUS EFFICACY</b>	86 lm/W
<b>BEAM ANGLE</b>	79°
<b>LED LIFETIME</b>	> 100000 h
<b>OPERATING TEMPERATURE</b>	0 - 40 °C
<b>PROTECTION CLASS</b>	I (1)
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other lengths, other colors on request
<b>TIP</b>	Compatible Power Strip Module F Line, output dimmable see 6SBEU24DIE.370 Compatible Connection Cable see 6ACP5J516B.2000 Compatible Connection Coupling see 6SAKP3J316B Compatible Cover Cap for 3 pole female connector see 063SGF3S01 Compatible Direct Connector I, Slot 8 see 099DC084040N08 Compatible Direct Connector I / B, Slot 8 / 10 see 099DC084045N10
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts



LED LAMP MODULE F LINE | 953



ESD	Slot	Weight [g]	Profile	Part #
	8	2420.0	I	<a href="#">6SL0040I.953</a>
ESD	8	2420.0	I	<a href="#">6SL0040IE.953</a>



## LED LAMP MODULE F LINE I 953, INPUT DIMMABLE

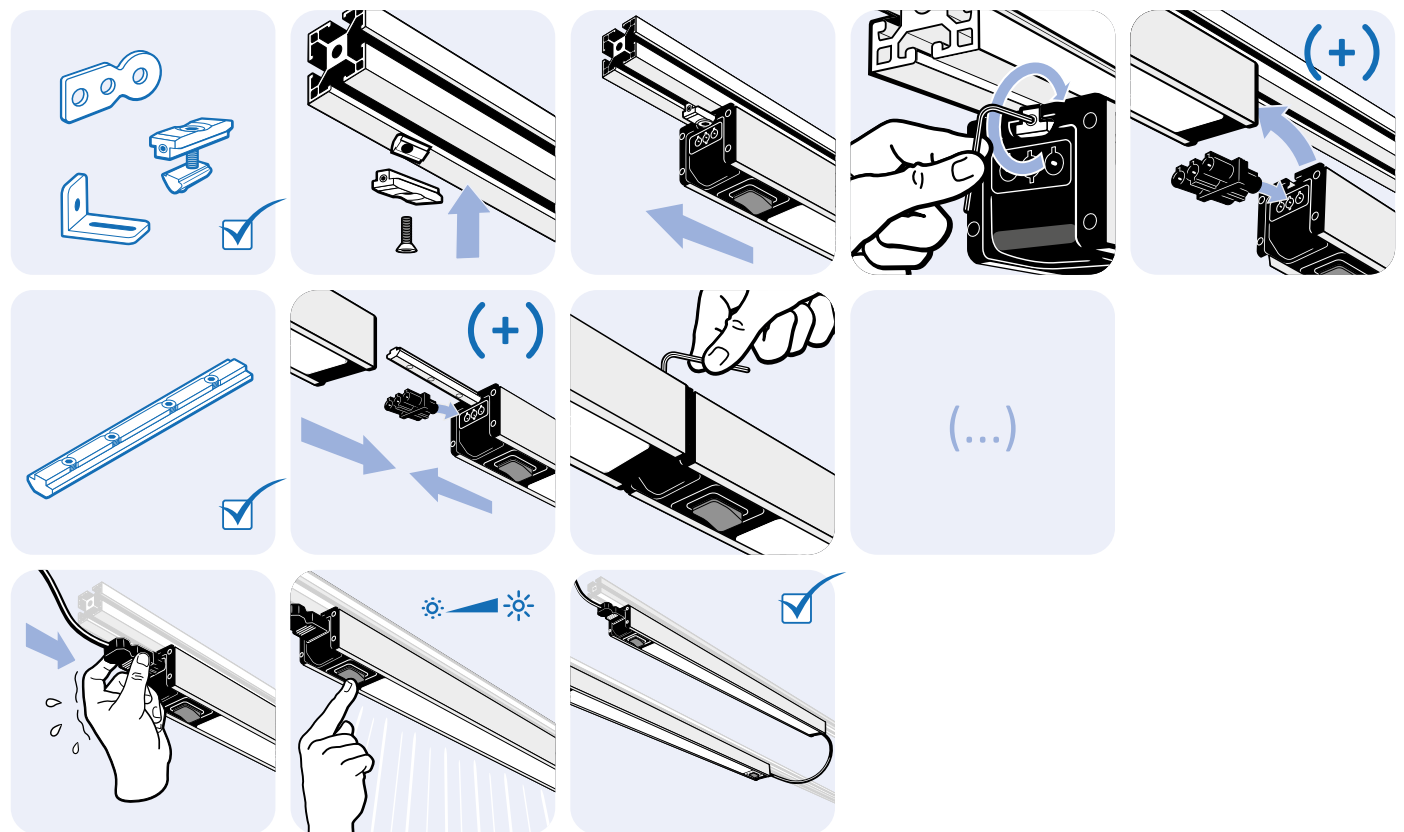
<b>DESCRIPTION</b>	LED Lamp with dimmer button for power and light supply at work stations On the backside with slot 8 for mounting on aluminum profiles
<b>MATERIAL</b>	Housing: Aluminum End caps: Plastic PA, carbon fibre reinforced Diffusing screen: Polycarbonate Dimmer button: Plastic ABS/PA
<b>SURFACE</b>	Housing standard version: Anodized Housing ESD electrostatical discharging version: Powder coated
<b>COLOR</b>	Housing standard version: - Housing ESD electrostatical discharging version: Black End caps: Black Diffusing screen: Transparent Dimmer button standard version: Blue Dimmer button ESD electrostatical discharging version: Orange
<b>LENGTH</b>	953 mm
<b>OPERATING VOLT-AGE / FREQUENCY</b>	230 V, AC / 50 Hz
<b>OPERATING CURRENT</b>	Max. 16 A
<b>POWER INPUT</b>	40 W
<b>COLOR TEMPERATURE</b>	4000 K
<b>COLOR RENDERING INDEX</b>	Ra = 85
<b>LUMINOUS FLUX</b>	3294 lm
<b>LUMINOUS EFFICACY</b>	86 lm/W
<b>BEAM ANGLE</b>	79°
<b>LED LIFETIME</b>	> 100000 h
<b>OPERATING TEMPERATURE</b>	0 - 40 °C
<b>PROTECTION CLASS</b>	I (1)
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other lengths, other colors on request
<b>TIP</b>	Compatible Power Strip see 6SBEU04I.264 Compatible Main Power Cable see 6SAME4J316B.2000 Compatible Connection Cable see 6ACP5J516B.2000 Compatible Cover Cap for 3 pole female connector see 063SGF3S01 Compatible Direct Connector I, Slot 8 see 099DC084040N08 Compatible Direct Connector I / B, Slot 8 / 10 see 099DC084045N10
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts



LED LAMP MODULE F LINE | 953, INPUT DIMMABLE



ESD	Slot	Weight [g]	Profile	Part #
	8	2420.0		<b>6SL1040DI.953</b>
ESD	8	2420.0		<b>6SL1040DIE.953</b>



**POWER STRIP MODULE F LINE 264 4-WAY 4X**

<b>DESCRIPTION</b>	Power strip with sockets for power supply at workstations; On the backside with slot 8 for mounting on aluminum profiles
<b>MATERIAL</b>	Housing: Aluminum End caps: Plastic PA, carbon fibre reinforced Socket inserts: Plastic PA
<b>SURFACE</b>	Housing standard version: Anodized Housing ESD electrostatical discharging version: Powder coated
<b>COLOR</b>	Housing standard version: - Housing ESD electrostatical discharging version: Black End caps: Black Socket inserts: Black
<b>LENGTH</b>	264 mm
<b>OPERATING TEMPERATURE</b>	0 - 40 °C
<b>PROTECTION CLASS</b>	II (2)
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Further colors, individually configured power strips on request
<b>TIP</b>	Compatible LED Lamp see 6SL0040I.953 Compatible Main Power Cable see 6SAME4J316B.2000 Compatible Connection Cable see 6ACP5J516B.2000 Compatible Connection Coupling see 6SAKP3J316B Compatible Cover Cap for 3 pole female connector see 063SGF3S01 Compatible Direct Connector I, Slot 8 see 099DC084040N08 Compatible Direct Connector I / B, Slot 8 / 10 see 099DC084045N10
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts

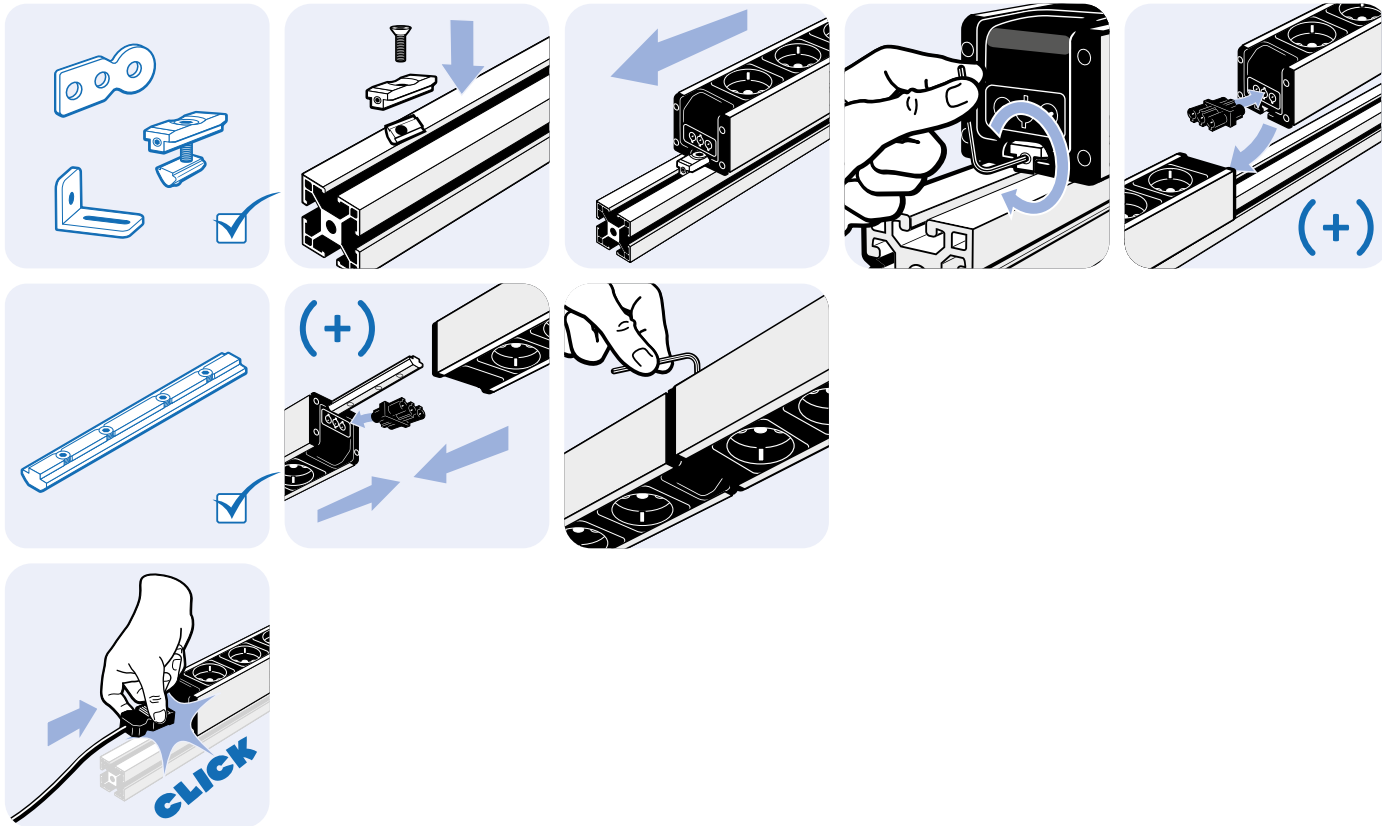
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Fig.	Socket Type	Voltage	Frequency	Current	Max. Connection Power	ESD	Slot	Weight [g]	Profile	Part #
①	EU: CEE 7/3 (Type F)	230 V	AC / 50 Hz	Max. 16 A	3500 W		8	566.0	I	<a href="#">6SBEU04I.264</a>
①	EU: CEE 7/3 (Type F)	230 V	AC / 50 Hz	Max. 16 A	3500 W	ESD	8	566.0	I	<a href="#">6SBEU04IE.264</a>



POWER STRIP MODULE F LINE 264 4-WAY 4X





**POWER STRIP MODULE F LINE 317 5-WAY 4X, OUTPUT DIMMABLE**

<b>DESCRIPTION</b>	Power strip with sockets for power supply at workstations; With remote dimming for series-connected LED lamps Modul F Line; Combination on output side only possible with remote dimmable LED lamp Modul F Line; On the backside with slot 8 for mounting on aluminum profiles
<b>MATERIAL</b>	Housing: Aluminum End caps: Plastic PA, carbon fibre reinforced Socket inserts: Plastic PA Button: Plastic ABS / PA
<b>SURFACE</b>	Housing standard version: Anodized Housing ESD electrostatical discharging version: Powder coated
<b>COLOR</b>	Housing standard version: - Housing ESD electrostatical discharging version: Black End caps: Black Socket inserts: Black Dimmer button standard version: Blue Dimmer button ESD electrostatical discharging version: Orange
<b>LENGTH</b>	317 mm
<b>OPERATING TEMPERATURE</b>	0 - 40 °C
<b>PROTECTION CLASS</b>	II (2)
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Further colors, individually configured power strips on request
<b>TIP</b>	Compatible LED Lamp see 6SL0040I.953 Compatible Main Power Cable see 6SAME4J316B.2000 Compatible Connection Cable see 6ACP5J516B.2000 Compatible Direct Connector I, Slot 8 see 099DC084040N08 Compatible Direct Connector I / B, Slot 8 / 10 see 099DC084045N10
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts

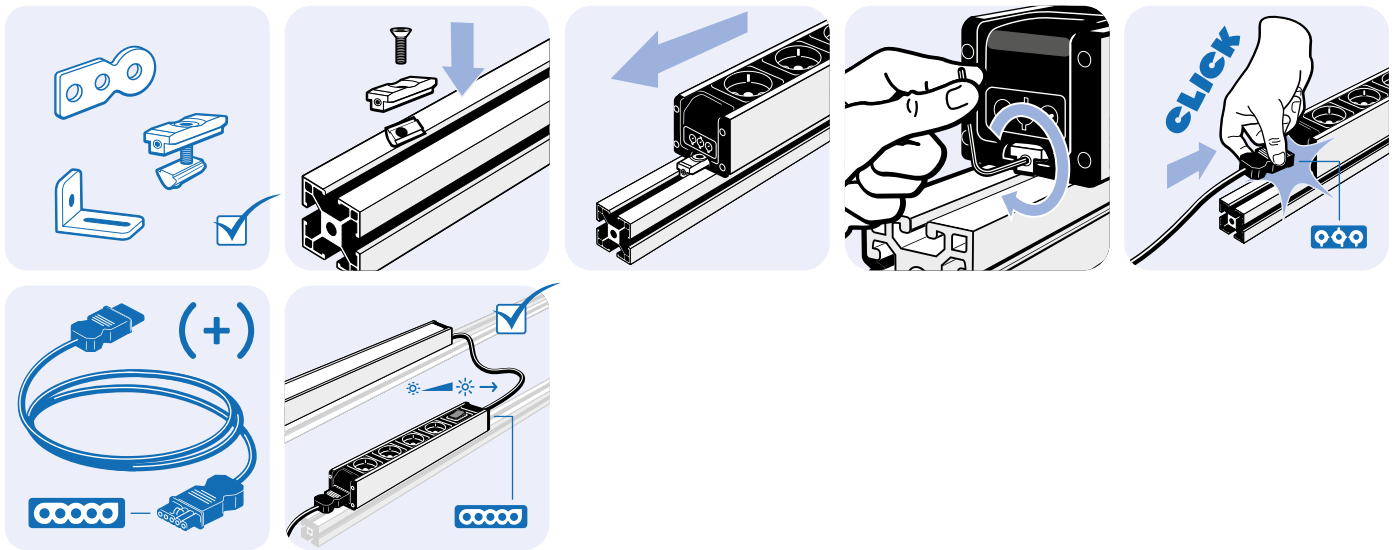
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Fig.	Socket Type	Voltage	Frequency	Current	Max. Connection Power	ESD	Slot	Weight [g]	Profile	Part #
①	EU: CEE 7/3 (Type F)	230 V	AC / 50 Hz	Max. 16 A	3500 W		8	767.0	I	<a href="#">6SBEU14DI.317</a>
①	EU: CEE 7/3 (Type F)	230 V	AC / 50 Hz	Max. 16 A	3500 W	ESD	8	789.0	I	<a href="#">6SBEU14DIE.317</a>



POWER STRIP MODULE F LINE 317 5-WAY 4X, OUTPUT DIMMABLE



**POWER STRIP MODULE F LINE 370 6-WAY 4X + USB, INPUT SWITCHABLE**

<b>DESCRIPTION</b>	Switchable power strip with sockets for power supply at workstations, with 2x USB charging sockets USB 2.0 Typ A with smart IC; On the backside with slot 8 for mounting on aluminum profiles
<b>MATERIAL</b>	Housing: Aluminum End caps: Plastic PA, carbon fibre reinforced Socket inserts: Plastic PA USB sockets: Plastic ABS Switch: Plastic ABS / PA
<b>SURFACE</b>	Housing: Anodized
<b>COLOR</b>	Housing: - End caps: Black Socket inserts: Black Switch: Blue
<b>LENGTH</b>	370 mm
<b>USB CHARGING VOLTAGE</b>	5.0 V
<b>MAX. USB CHARGING CURRENT</b>	3000 mA
<b>OPERATING TEMPERATURE</b>	0 - 40 °C
<b>PROTECTION CLASS</b>	II (2)
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Further colors, individually configurated power strips on request
<b>TIP</b>	Compatible LED Lamp see 6SL0040I.953 Compatible Main Power Cable see 6SAME4J316B.2000 Compatible Connection Cable see 6ACP5J516B.2000 Compatible Connection Coupling see 6SAKP3J316B Compatible Cover Cap for 3 pole female connector see 063SGF3S01 Compatible Direct Connector I, Slot 8 see 099DC084040N08 Compatible Direct Connector I / B, Slot 8 / 10 see 099DC084045N10
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts

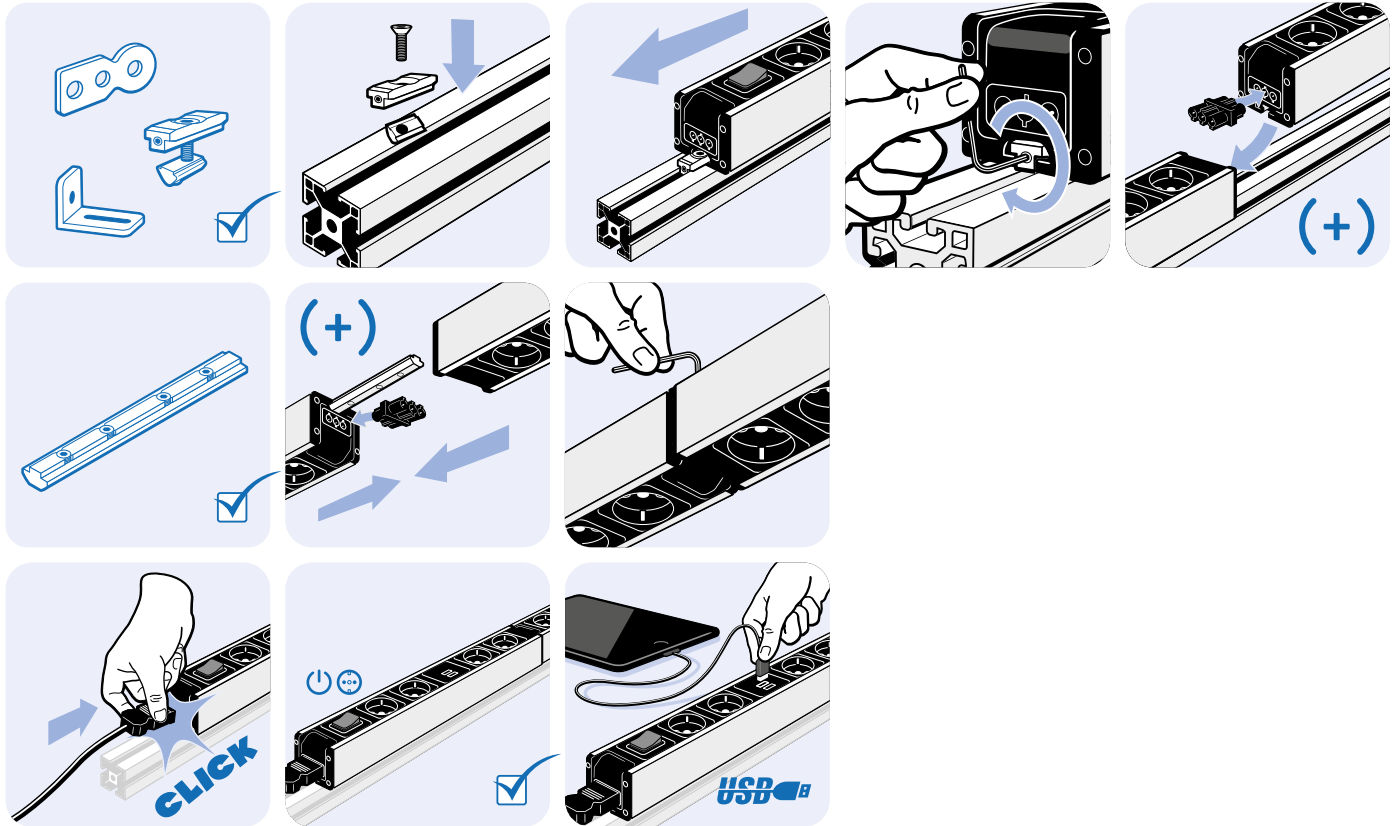
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Fig.	Socket Type	Voltage	Frequency	Current	Max. Connection Power	Slot	Weight [g]	Profile	Part #
①	EU: CEE 7/3 (Type F)	230 V	AC / 50 Hz	Max. 16 A	3500 W	8	738.0	I	6SBEU14UI.370



POWER STRIP MODULE F LINE 370 6-WAY 4X + USB, INPUT SWITCHABLE



**POWER STRIP MODULE F LINE 370 6-WAY 4X, INPUT SWITCHABLE, OUTPUT DIMMABLE**

<b>DESCRIPTION</b>	Switchable power strip with sockets for power supply at workstations; With remote dimmer for series-connected LED lamps Modul F Line; Combination on output side only possible with remote dimmable LED lamp module F Line; On the backside with slot 8 for mounting on aluminum profiles
<b>MATERIAL</b>	Housing: Aluminum End caps: Plastic PA, carbon fibre reinforced Socket inserts: Plastic PA Switch/ Button: Plastic ABS / PA
<b>SURFACE</b>	Housing standard version: Anodized Housing ESD electrostatical discharging version: Powder coated
<b>COLOR</b>	Housing standard version: - Housing ESD electrostatical discharging version: Black End caps: Black Socket inserts: Black Switch and dimmer button standard version: Blue Switch and dimmer button ESD electrostatical discharging version: Orange
<b>LENGTH</b>	370 mm
<b>OPERATING TEMPERATURE</b>	0 - 40 °C
<b>PROTECTION CLASS</b>	II (2)
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Further colors, individually configured power strips on request
<b>TIP</b>	Compatible LED Lamp see 6SL0040I.953 Compatible Main Power Cable see 6SAME4J316B.2000 Compatible Connection Cable see 6ACP5J516B.2000 Compatible Direct Connector I, Slot 8 see 099DC084040N08 Compatible Direct Connector I / B, Slot 8 / 10 see 099DC084045N10
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts

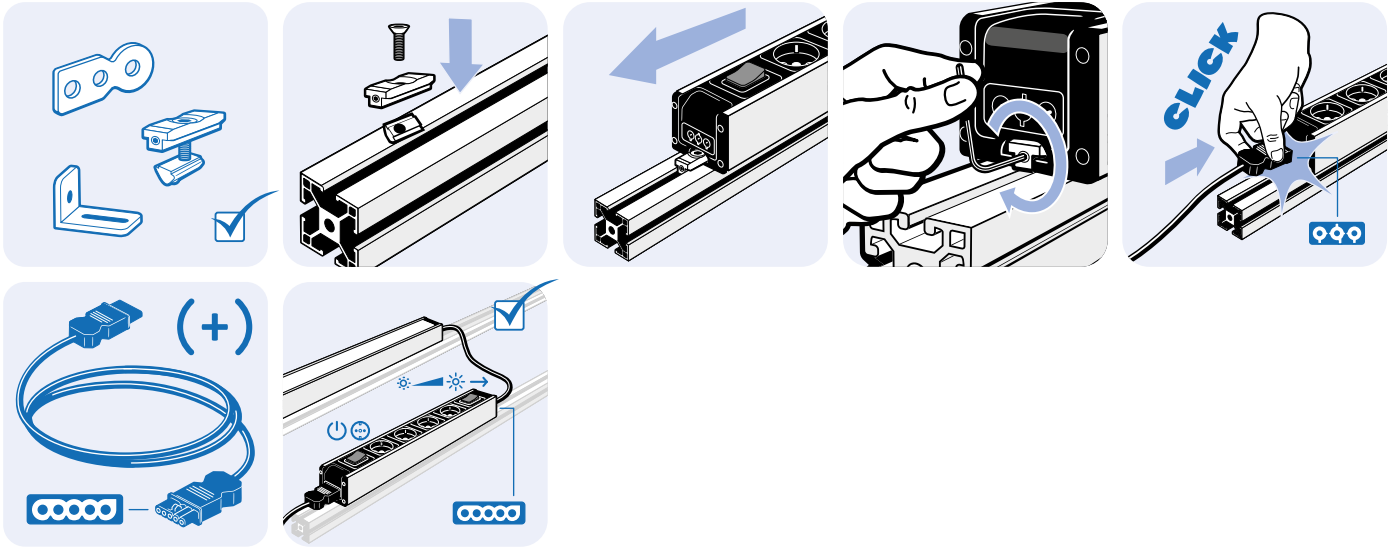
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Fig.	Socket Type	Voltage	Frequency	Current	Max. Connection Power	ESD Slot	Weight [g]	Profile	Part #
①	EU: CEE 7/3 (Type F)	230 V	AC / 50 Hz	Max. 16 A	3500 W		880.5	I	<a href="#">6SBEU24DI.370</a>
④	EU: CEE 7/3 (Type F)	230 V	AC / 50 Hz	Max. 16 A	3500 W	ESD	908.0	I	<a href="#">6SBEU24DIE.370</a>



POWER STRIP MODULE F LINE 370 6-WAY 4X, INPUT SWITCHABLE, OUTPUT DIMMABLE



**POWER STRIP MODULE F LINE 370 6-WAY 4X, INPUT SWITCHABLE, OUTPUT SWITCHABLE**

<b>DESCRIPTION</b>	Switchable power strip with sockets for power supply at workstations; Switchable output of power strip; On the backside with slot 8 for mounting on aluminum profiles
<b>MATERIAL</b>	Housing: Aluminum End caps: Plastic PA, carbon fibre reinforced Socket inserts: Plastic PA Switches: Plastic ABS / PA
<b>SURFACE</b>	Housing standard version: Anodized Housing ESD electrostatical discharging version: Powder coated
<b>COLOR</b>	Housing standard version: - Housing ESD electrostatical discharging version: Black End caps: Black Socket inserts: Black Switch standard version: Blue Switch ESD electrostatical discharging version: Orange
<b>LENGTH</b>	370 mm
<b>OPERATING TEMPERATURE</b>	0 - 40 °C
<b>PROTECTION CLASS</b>	II (2)
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Further colors, individually configured power strips on request
<b>TIP</b>	Compatible LED Lamp see 6SL0040I.953 Compatible Main Power Cable see 6SAME4J316B.2000 Compatible Connection Cable see 6ACP5J516B.2000 Compatible Direct Connector I, Slot 8 see 099DC084040N08 Compatible Direct Connector I / B, Slot 8 / 10 see 099DC084045N10
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts

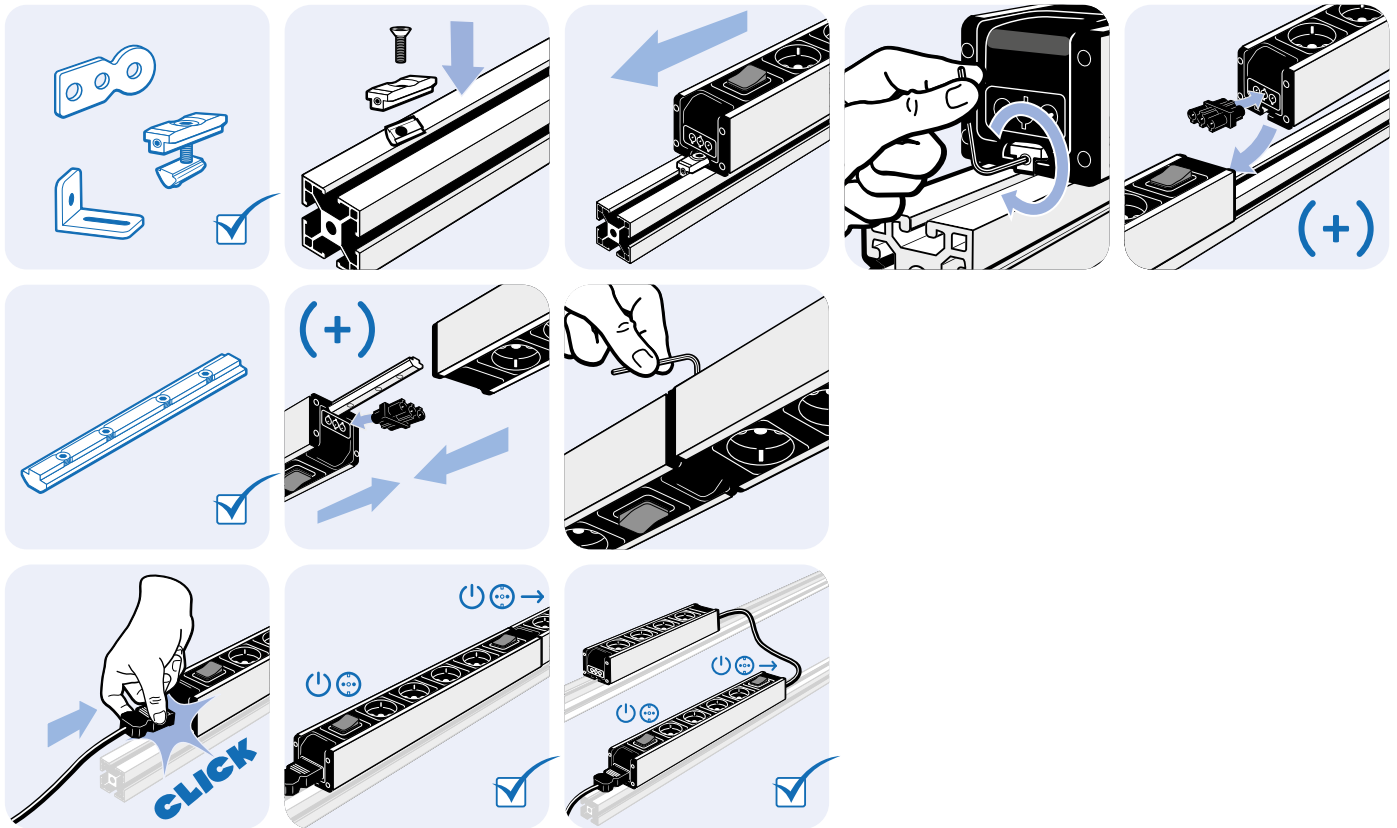
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Fig.	Socket Type	Voltage	Frequency	Current	Max. Connection Power	ESD	Slot	Weight [g]	Profile	Part #
①	EU: CEE 7/3 (Type F)	230 V	AC / 50 Hz	Max. 16 A	3500 W		8	873.0	I	<a href="#">6SBEU24I.370</a>
①	EU: CEE 7/3 (Type F)	230 V	AC / 50 Hz	Max. 16 A	3500 W	ESD	8	899.5	I	<a href="#">6SBEU24IE.370</a>



POWER STRIP MODULE F LINE 370 6-WAY 4X, INPUT SWITCHABLE, OUTPUT SWITCHABLE





**MAIN POWER CABLE GST18I3 FOR MODULE F LINE**

<b>DESCRIPTION</b>	3 wire cable for power supply of LED lamps and power strips Module F Line
<b>MATERIAL</b>	Cable insulation: Plastic PVC Plugs: Plastic PA
<b>COLOR</b>	Black
<b>PERMANENT TEMPERATURE RESISTANCE</b>	70° C
<b>CABLE CROSS SECTION</b>	1.5 mm <sup>2</sup>
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Power Strip see 6SBEU24I.370 Compatible LED Lamp see 6SL1040DI.953
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts
<b>CABLE TYPE</b>	H05VV-F

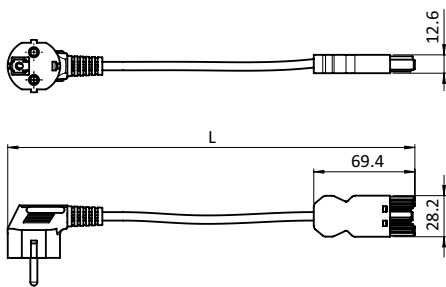
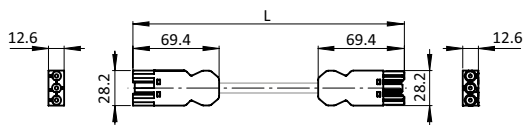


Fig.	Socket Type	Voltage	Current	L [mm]	Weight [g]	Part #
①	EU: CEE 7/3 (Type F)	250 V	16 A	2000.0	262.8	<a href="#">6SAME4J316B.2000</a>
①	EU: CEE 7/3 (Type F)	250 V	16 A	4000.0	445.0	<a href="#">6SAME4J316B.4000</a>

**CONNECTION CABLE GST18I3 FOR MODULE F LINE**

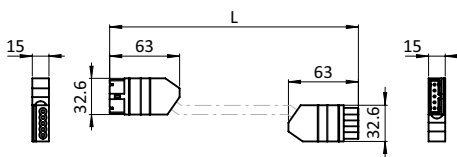
<b>DESCRIPTION</b>	3 wire cable to connect LED lamps and power strips Module F Line
<b>MATERIAL</b>	Cable insulation: Plastic PVC Plugs: Plastic PA
<b>COLOR</b>	Black
<b>RATED CURRENT</b>	16 A
<b>RATED VOLTAGE</b>	250 V
<b>PERMANENT TEMPERATURE RESISTANCE</b>	70° C
<b>CABLE CROSS SECTION</b>	1.5 mm <sup>2</sup>
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Power Strip see 6SBEU14UI.370 Compatible LED Lamp see 6SL1040DI.953
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts
<b>CABLE TYPE</b>	H05VV-F



L [mm]	Weight [g]	Part #
2000.0	221.9	<a href="#">6SACP3J316B.2000</a>
4000.0	381.5	<a href="#">6SACP3J316B.4000</a>

**CONNECTION CABLE GST1515 FOR MODULE F LINE**

<b>DESCRIPTION</b>	5 wire cable to connect LED lamps with remote dimmer and power strips Module F Line
<b>MATERIAL</b>	Cable insulation: Plastic PVC Plugs: Plastic PA
<b>COLOR</b>	Black
<b>RATED CURRENT</b>	16 A
<b>RATED VOLTAGE</b>	250 V
<b>PERMANENT TEMPERATURE RESISTANCE</b>	70° C
<b>CABLE CROSS SECTION</b>	1.5 mm <sup>2</sup>
<b>IP RATING</b>	IP20
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Power Strip see 6SBEU24DU.370 Compatible LED Lamp see 6SL0040I953
<b>TIP 2</b>	Please note: Chaining of max. 6 modules (LED lamps / power strips), cable length max. 15 m for main power cable, connection cables and modules Connected load max. 3500 watts
<b>CABLE TYPE</b>	H05VV-F

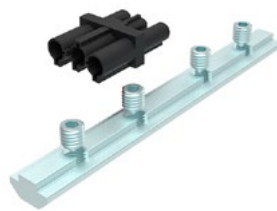
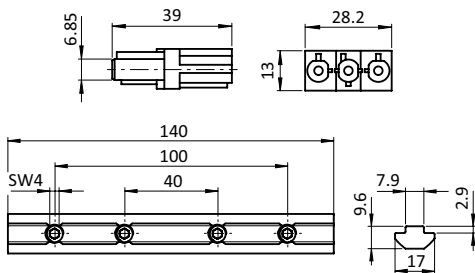


6

Color	L [mm]	Weight [g]	Part #
Black	2000.0	357.9	<a href="#">6SACP5J516B.2000</a>
	4000.0	711.0	<a href="#">6SACP5J516B.4000</a>

**CONNECTION COUPLING GST18I3 FOR MODULE F LINE (SET)**

<b>DESCRIPTION</b>	3 pole coupling piece to directly connect LED lamps and power strips Module F Line
<b>MATERIAL</b>	Connection coupling: Plastic PA Connector T-slot nut: Steel
<b>SURFACE</b>	Connector T-slot nut: Zinc-plated
<b>COLOR</b>	Connection coupling: Black
<b>RATED CURRENT</b>	20 A
<b>RATED VOLTAGE</b>	250 V
<b>PERMANENT TEMPERATURE RESISTANCE</b>	70° C
<b>IP RATING</b>	IP20
<b>SET</b>	1 connection coupling 1 connector T-slot nut 4 grub screws M8 x 10 mm
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Power Strip see 6SBEU04I.264 Compatible LED Lamp see 6SL1040DI.476
<b>TIP 2</b>	Please note: Usage of connection coupling only in combination with connector T-slot nut permitted Max. chaining of 6 modules, 8 m or 3500 watts for Module F Line



**Weight [g]**

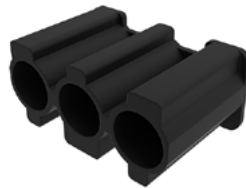
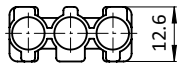
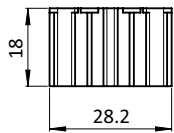
**Part #**

136.0

**6SAKP3J316BS01**

**COVER CAP GST18I3 FOR MODULE F LINE**

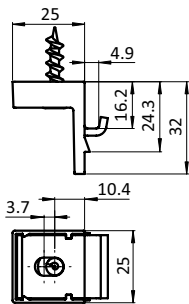
<b>DESCRIPTION</b>	Cover cap to cover three pole sockets of LED lamps and power strips Module F Line
<b>MATERIAL</b>	Plastic PA
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>TIP</b>	Compatible Power Strip see 6SBEU24I.370 Compatible LED Lamp see 6SL1040DI.953



Color	Weight [g]	Part #
Black	2.0	<a href="#">063SGF3S01</a>

**TOP ANGLE CLAMP I 40, SLOT 8 (SET)**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To connect wooden table tops or chipboards at right angles on an aluminum profile frame
<b>MATERIAL</b>	Top angle clamp: Steel Cover cap: Plastic PA Screw: Steel
<b>SURFACE</b>	Top angle clamp: Plain Screw: Plain
<b>COLOR</b>	Cover cap: Black
<b>PACK QUANTITY</b>	1 piece (Set)



Slot	Weight [g]	Profile	Part #
8	26.0	I	<a href="#">093WT401N08S</a>

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**SLIDERS AND ROLLERS**

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## SLIDERS AND ROLLERS

	PROFILE SLIDER ZN 40 X 80 (SET)	790		SLIDING DOOR GUIDE INSERT FOR FRAME CORNER CONNECTOR 18 X 32 (SET)	808
	PROFILE SLIDER ZN 40 X 80 LOOSE BEARING (SET)	791		BEARING UNIT PA 1 ROLLER FOR C-RAIL-PROFILE I SLOT Ø 14	809
	PROFILE SLIDER ZN 40 X 80 FIXED BEARING (SET)	792		BEARING UNIT 1 ROLLER SHAFT Ø 14 FOR C-RAIL-PROFILE I	810
	PROFILE SLIDER ZN 40 X 80 WITH LOCKING LEVER (SET)	793		BEARING UNIT 3 ROLLERS SHAFT Ø 14 FOR C-RAIL-PROFILE I	811
	PROFILE SLIDER ZN 40 X 80 LOOSE BEARING WITH LOCKING LEVER (SET)	794		BEARING KIT PA 1 ROLLER SLOT Ø 14 FOR C-SLIDE PROFILE I (SET)	812
	PROFILE SLIDER ZN 40 X 80 FIXED BEARING WITH LOCKING LEVER (SET)	795		BEARING KIT 1 ROLLER SHAFT Ø 14 FOR C-SLIDE PROFILE I (SET)	813
	PROFILE SLIDER ZN 40 X 80 WITH CAM LEVER (SET)	796		BEARING KIT 3 ROLLERS SHAFT Ø 14 FOR C-SLIDE PROFILE I (SET)	814
	PROFILE SLIDER ZN 40 X 80 LOOSE BEARING WITH CAM LEVER (SET)	797		PANEL SLIDER	815
	PROFILE SLIDER ZN 40 X 80 FIXED BEARING WITH CAM LEVER (SET)	798		TROLLEY (SET)	816
	PROFILE SLIDER FLATS	799		TROLLEY 40 FOR OVERHEAD C-RAIL, WITH MOUNTING PLATE	817
	PROFILE SLIDER CENTER RIDGE	800		ROLLER Ø 19	818
	PROFILE SLIDER CENTER SLOT	801		ROLLER Ø 29	819
	PROFILE SLIDER 8 + 10	802		ROLLER Ø 39	820
	LIFT DOOR GUIDE (SET)	803		ROLLER Ø 47	821
	FOLDING DOOR ELEMENT (SET)	804		ROLLER Ø 58	822
	T-SLOT SLIDER (SET)	805		ROLLER FOR SHAFTS Ø 10	823
	SLIDING DOOR GUIDE FOR CLAMP PROFILE	806		ROLLER FOR SHAFTS Ø 14	824
	SLIDING DOOR GUIDE SET 40 / 45	807		BEARING UNIT 1 ROLLER ECCENTRIC SHAFT Ø 14	827





**BEARING UNIT 1 ROLLER CENTRIC SHAFT  
Ø 14** 828

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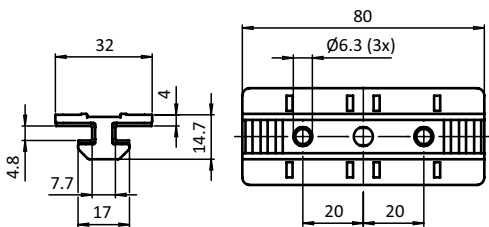


**WIPER AND LUBRICATOR Ø 14 FOR ROLLER  
PROFILE I SLOT 8 (SET)** 829

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**PROFILE SLIDER ZN 40 X 80 (SET)**

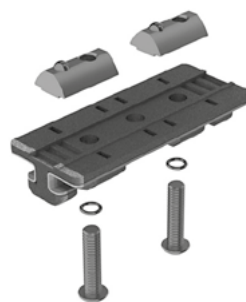
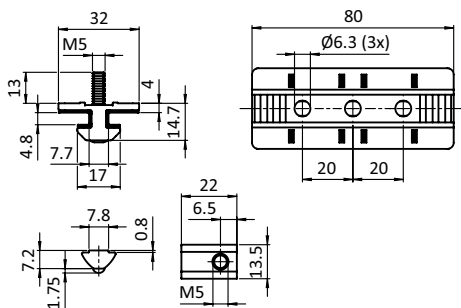
<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To guide slidingly profiles with slot 8, delivered with hexagon nuts M6 for the fixation of add-on elements
<b>MATERIAL</b>	Sliding carriage: Zinc die-cast Slide shoe: Plastic POM Fixation: Steel
<b>SURFACE</b>	Sliding carriage: Zinc plated Fixation: Zinc plated
<b>COLOR</b>	Slide shoe: Natural
<b>SET</b>	1 sliding carriage, 2 slide shoes, 2 hexagon nuts DIN 439 B - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Profile Sliders ZN 40 x 80 sets with assembly set for loose bearing and fixed bearing see 093PS0840L and 093PS0840F



Weight [g]	Profile	Part #
77.0	I	<a href="#">093PS0840</a>

**PROFILE SLIDER ZN 40 X 80 LOOSE BEARING (SET)**

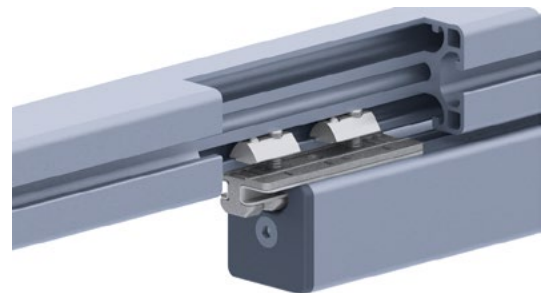
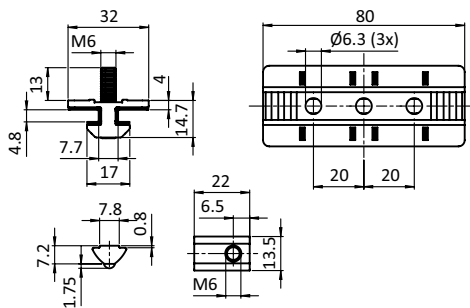
<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To guide slidingly profiles with slot 8, loose bearing*
<b>MATERIAL</b>	Sliding carriage: Zinc die-cast Slide shoe: Plastic POM Fixation: Steel O-ring: EPDM
<b>SURFACE</b>	Sliding carriage: Zinc plated Fixation: Zinc plated
<b>COLOR</b>	Slide shoe: Natural O-ring: Black
<b>SET</b>	1 sliding carriage, 2 slide shoes, 2 button head screws ISO 7380 - M5 x 25, 2 O-rings DIN 3771 - 5 x 1.5, 2 T-slot nuts - slot 8 - M5
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	* Profile tracks with several profile slides ZN 40 x 80 need to be executed as a combination of a loose bearing (L) and a fixed bearing (F). This way, shape tolerances can be compensated and easy movability is provided.; Compatible Profile Slider ZN 40 x 80 Fixed Bearing see 093PS0840F



Version	Weight [g]	Profile	Part #
Loose bearing	101.0	I	<a href="#">093PS0840L</a>

**PROFILE SLIDER ZN 40 X 80 FIXED BEARING (SET)**

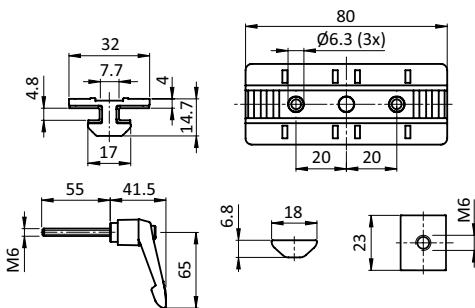
<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To guide slidingly profiles with slot 8, fixed bearing*
<b>MATERIAL</b>	Sliding carriage: Zinc die-cast Slide shoe: Plastic POM Fixation: Steel O-ring: EPDM
<b>SURFACE</b>	Sliding carriage: Zinc plated Fixation: Zinc plated
<b>COLOR</b>	Slide shoe: Natural O-ring: Black
<b>SET</b>	1 sliding carriage, 2 slide shoes, 2 button head screws ISO 7380 - M6 x 25, 2 O-rings DIN 3771 - 5 x 1.5, 2 T-slot nuts - slot 8 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	* Profile tracks with several profile sliders ZN 40 x 80 need to be executed as a combination of a loose bearing (L) and a fixed bearing (F). This way, shape tolerances can be compensated and easy movability is provided.; Compatible Profile Slider ZN 40 x 80 loose bearing see 093PS0840L



Version	Weight [g]	Profile	Part #
Fixed bearing	105.0	I	<a href="#">093PS0840F</a>

**PROFILE SLIDER ZN 40 X 80 WITH LOCKING LEVER (SET)**

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To guide slidingly profiles with slot 8; the additional clamping feature for the slide carriage extends the range of applications, e.g as adjustable end stop; Retention force at maximum tightening torque(15 Nm) 600 N; including hexagon nuts M6 for the attachment of additional components
<b>MATERIAL</b>	Sliding carriage: Zinc die-cast Slide shoe: Plastic POM Fixation: Steel Clamp lever handle: Plastic, glass fiber reinforced Clamp lever mechanics: Steel
<b>SURFACE</b>	Sliding carriage: Zinc plated Slide shoe: Zinc plated Clamp lever mechanics: Oxide finish
<b>COLOR</b>	Slide shoe: Natural Clamp lever handle: Black
<b>SET</b>	1 sliding carriage, 2 slide shoes, 1 clamp lever with external thread M6 x 55*, 1 special T-slot nut - slot 8 - M6, 1 shim DIN 9021 6.4 mm, 2 hexagon nuts DIN 439 B - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	* Use of the M6 clamp lever: 40 mm profile + 40 mm profile, thread length: 55 mm Cut to length of the M6 clamp lever, e.g.: 40 mm profile + 20 mm profile, cut thread length to: 35 mm 40 mm profile + 10 mm panel, cut thread length to: 25 mm

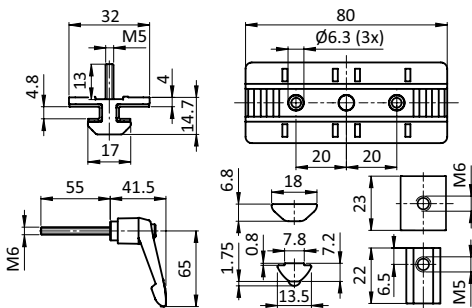


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Version	Weight [g]	Profile	Part #
With clamp lever	136.0	I	<a href="#">093PS0840S01</a>

**PROFILE SLIDER ZN 40 X 80 LOOSE BEARING WITH LOCKING LEVER (SET)**

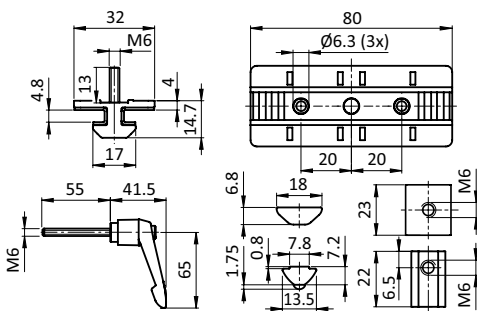
<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To guide slidingly profiles with slot 8, loose bearing*, the additional clamping feature for the slide carriage extends the range of applications, e.g as adjustable end stop; retention force at maximum tightening torque (15 Nm) 600 N
<b>MATERIAL</b>	Sliding carriage: Zinc die-cast Slide shoe: Plastic POM Fixation: Steel Clamp lever handle: Plastic, glass fiber reinforced Clamp lever mechanics: Steel O-ring: EPDM
<b>SURFACE</b>	Sliding carriage: Zinc plated Slide shoe: Zinc plated Clamp lever mechanics: Oxide finish
<b>COLOR</b>	Slide shoe: Natural Clamp lever handle: Black O-ring: Black
<b>SET</b>	1 sliding carriage, 2 slide shoes, 1 clamp lever with external thread M6 x 55**, 1 special T-slot nut - slot 8 - M6, 1 shim DIN 9021 6.4 mm, 2 button head screws ISO 7380 - M5 x 25, 2 O-rings DIN 3771 - 5 x 1.5, 2 T-slot nuts - slot 8 - M5
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	* Profile tracks with several profile slides ZN 40 x 80 need to be executed as a combination of a loose bearing (L) and a fixed bearing (F). This way, shape tolerances can be compensated and easy movability is provided. Compatible Profile Slider ZN 40 x 80 Loose bearing see 093PS0840L Fixed bearing with clamp lever see 093PS0840FS01
<b>TIP 2</b>	** Use of the M6 clamp lever: 40 mm profile + 40 mm profile, thread length: 55 mm Cut to length of the M6 clamp lever, e.g.: 40 mm profile + 20 mm profile, cut thread length to: 35 mm 40 mm profile + 10 mm panel, cut thread length to: 25 mm



Version	Weight [g]	Profile	Part #
Loose bearing with clamp lever	160.0	I	<a href="#">093PS0840LS01</a>

**PROFILE SLIDER ZN 40 X 80 FIXED BEARING WITH LOCKING LEVER (SET)**

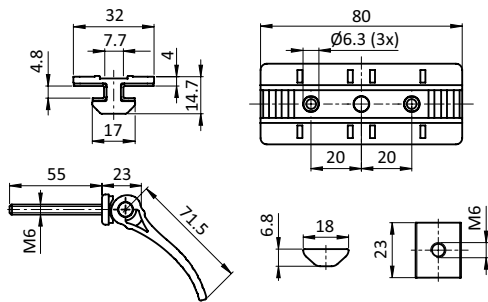
<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To guide slidingly profiles with slot 8, fixed bearing*; the additional clamping feature for the slide carriage extends the range of applications, e.g as adjustable end stop; retention force at maximum tightening torque (15 Nm) 600 N
<b>MATERIAL</b>	Sliding carriage: Zinc die-cast Slide shoe: Plastic POM Fixation: Steel Clamp lever handle: Plastic, glass fiber reinforced Clamp lever mechanics: Steel O-ring: EPDM
<b>SURFACE</b>	Sliding carriage: Zinc plated Slide shoe: Zinc plated Clamp lever mechanics: Oxide finish
<b>COLOR</b>	Slide shoe: Natural Clamp lever handle: Black O-ring: Black
<b>SET</b>	1 sliding carriage, 2 slide shoes, 1 clamp lever with external thread M6 x 55**, 1 special T-slot nut - slot 8 - M6, 1 shim DIN 9021 6.4 mm, 2 button head screws ISO 7380 - M6 x 25, 2 O-rings DIN 3771 - 5 x 1.5, 2 T-slot nuts - slot 8 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	* Profile tracks with several profile slides ZN 40 x 80 need to be executed as a combination of a loose bearing (L) and a fixed bearing (F). This way, shape tolerances can be compensated and easy movability is provided. Compatible Profile Slider ZN 40 x 80 Loose bearing see 093PS0840L Loose bearing with clamp lever see 093PS0840LS01
<b>TIP 2</b>	** Use of the M6 clamp lever: 40 mm profile + 40 mm profile, thread length: 55 mm Cut to length of the M6 clamp lever, e.g.: 40 mm profile + 20 mm profile, cut thread length to: 35 mm 40 mm profile + 10 mm panel, cut thread length to: 25 mm



Version	Weight [g]	Profile	Part #
Fixed bearing with clamp lever	164.0	I	<a href="#">093PS0840FS01</a>

**PROFILE SLIDER ZN 40 X 80 WITH CAM LEVER (SET)**

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To guide slidingly profiles with slot 8, the additional clamping feature for the slide carriage extends the range of applications, e.g as quickly adjustable end stop; including hexagon nuts M6 for the attachment of additional components
<b>MATERIAL</b>	Sliding carriage: Zinc die-cast Slide shoe: Plastic POM Fixation: Steel Cam lever handle: Plastic, glass fiber reinforced Cam lever mechanics: Steel
<b>SURFACE</b>	Sliding carriage: Zinc plated Slide shoe: Zinc plated Cam lever mechanics: Zinc plated
<b>COLOR</b>	Slide shoe: Natural Cam lever handle: Black
<b>SET</b>	1 sliding carriage, 2 slide shoes, 1 cam lever with external thread M6 x 55*, 1 special T-slot nut - slot 8 - M6, 2 hexagon nuts DIN 439 B - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	* Use of the M6 cam lever: 40 mm profile + 40 mm profile, thread length: 55 mm Cut to length of the M6 cam lever, e.g.: 40 mm profile + 20 mm profile, cut thread length to: 35 mm 40 mm profile + 10 mm panel, cut thread length to: 25 mm



Version	Weight [g]	Profile	Part #
With cam lever	127.0	I	<a href="#">093PS0840S02</a>



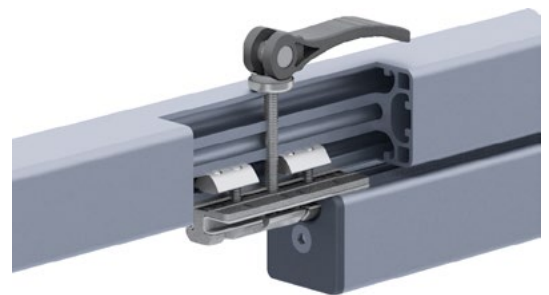
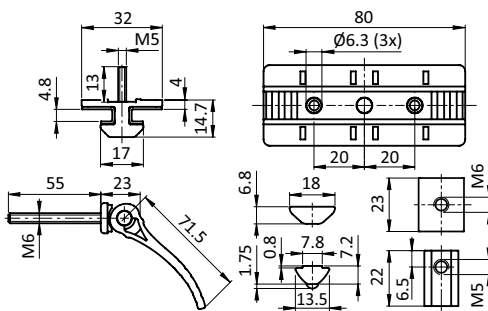
**PROFILE SLIDER ZN 40 X 80 LOOSE BEARING WITH CAM LEVER (SET)**

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To guide slidingly profiles with slot 8, loose bearing*, the additional clamping feature for the slide carriage extends the range of applications, e.g as quickly adjustable end stop
<b>MATERIAL</b>	Sliding carriage: Zinc die-cast Slide shoe: Plastic POM Fixation: Steel Cam lever handle: Plastic, glass fiber reinforced Cam lever mechanics: Steel O-ring: EPDM
<b>SURFACE</b>	Sliding carriage: Zinc plated Slide shoe: Zinc plated Cam lever mechanics: Zinc plated
<b>COLOR</b>	Slide shoe: Natural Cam lever handle: Black O-ring: Black
<b>SET</b>	1 sliding carriage, 2 slide shoes, 1 cam lever with external thread M6 x 55**, 1 special T-slot nut - slot 8 - M6, 2 button head screws ISO 7380 - M5 x 25, 2 O-rings DIN 3771 - 5 x 1.5, 2 T-slot nuts - slot 8 - M5

**PACK QUANTITY** 10 sets

**TIP** \* Profile tracks with several profile slides ZN 40 x 80 need to be executed as a combination of a loose bearing (L) and a fixed bearing (F). This way, shape tolerances can be compensated and easy movability is provided.  
Compatible Profile Slider ZN 40 x 80 Fixed Bearing see 093PS0840F Fixed bearing with cam lever see 093PS0840FS02

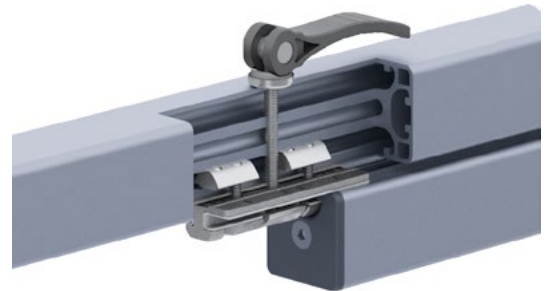
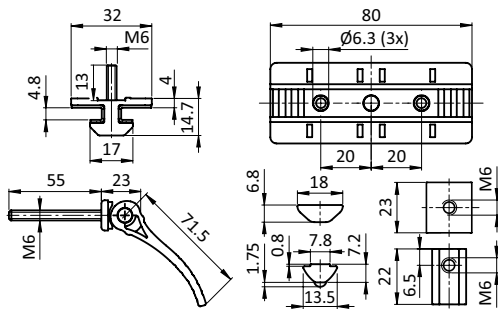
**TIP 2** \*\* Use of the M6 cam lever:  
40 mm profile + 40 mm profile, thread length: 55 mm  
Cut to length of the M6 cam lever, e.g.:  
40 mm profile + 20 mm profile, cut thread length to: 35 mm  
40 mm profile + 10 mm panel, cut thread length to: 25 mm



Version	Weight [g]	Profile	Part #
Loose bearing with cam lever	151.0	I	093PS0840LS02

**PROFILE SLIDER ZN 40 X 80 FIXED BEARING WITH CAM LEVER (SET)**

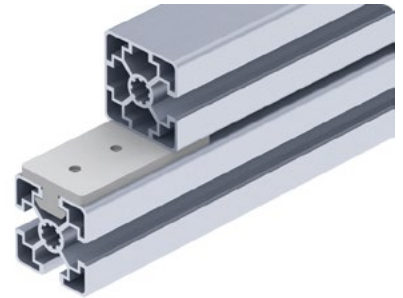
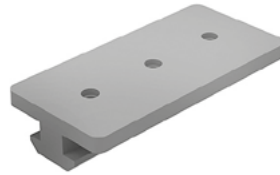
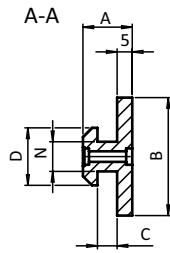
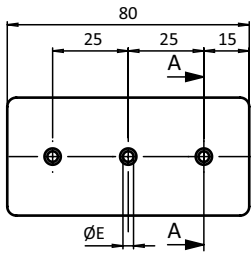
<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To guide slidingly profiles with slot 8, fixed bearing*, the additional clamping feature for the slide carriage extends the range of applications, e.g as quickly adjustable end stop
<b>MATERIAL</b>	Sliding carriage: Zinc die-cast Slide shoe: Plastic POM Fixation: Steel Cam lever handle: Plastic, glass fiber reinforced Cam lever mechanics: Steel O-ring: EPDM
<b>SURFACE</b>	Sliding carriage: Zinc plated Slide shoe: Zinc plated Cam lever mechanics: Zinc plated
<b>COLOR</b>	Slide shoe: Natural Cam lever handle: Black O-ring: Black
<b>SET</b>	1 sliding carriage, 2 slide shoes, 1 cam lever with external thread M6 x 55**, 1 special T-slot nut - slot 8 - M6, 2 button head screws ISO 7380 - M6 x 25, 2 O-rings DIN 3771 - 5 x 1.5, 2 T-slot nuts - slot 8 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	* Profile tracks with several profile slides: ZN 40 x 80 need to be executed as a combination of a loose bearing (L) and a fixed bearing (F). This way, shape tolerances can be compensated and easy movability is provided, Compatible Profile Slider ZN 40 x 80 Loose bearing see 093PS0840L, Loose bearing with cam lever see 093PS0840LS02
<b>TIP 2</b>	** Use of the M6 cam lever: 40 mm profile + 40 mm profile, thread length: 55 mm Cut to length of the M6 cam lever, e.g.: 40 mm profile + 20 mm profile, cut thread length to: 35 mm 40 mm profile + 10 mm panel, cut thread length to: 25 mm



Version	Weight [g]	Profile	Part #
Fixed bearing with cam lever	155.0	I	<a href="#">093PS0840FS02</a>

PROFILE SLIDER FLATS

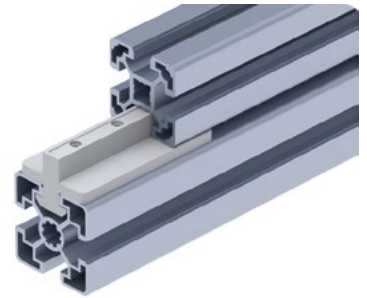
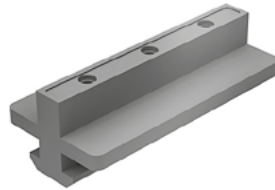
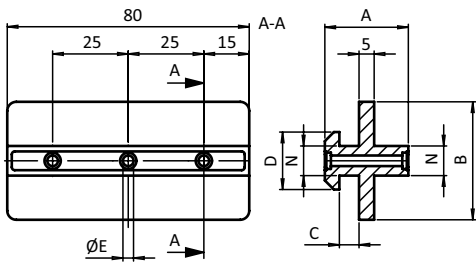
<b>MODEL</b>	Slot 6, 8, 10
<b>DESCRIPTION</b>	To guide slidingly profiles with slot; economic and wear-resistant solution, e.g. for panels
<b>MATERIAL</b>	Plastic POM
<b>SURFACE</b>	Natural
<b>FASTENING</b>	With sheet-metal screws
<b>PACK QUANTITY</b>	10 pieces



A [mm]	D [mm]	B [mm]	C [mm]	E [mm]	N	Weight [g]	Profile	Part #
9.8	11.5	17.0	2.3	2.8	6	13.0	B	<a href="#">093SM06S02</a>
11.5	15.0	26.0	3.0	2.8	8	22.0	B	<a href="#">093SM08S02</a>
16.3	19.0	39.0	6.5	3.5	10	37.0	B	<a href="#">093SM10S02</a>

PROFILE SLIDER CENTER RIDGE

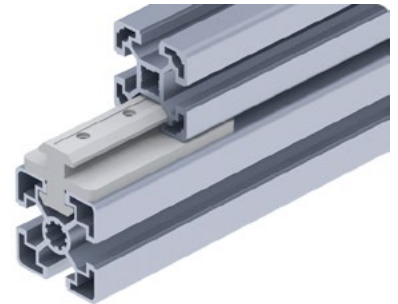
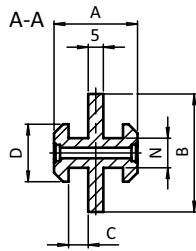
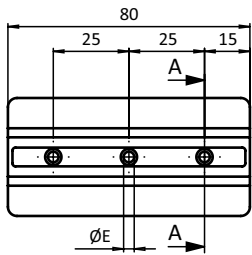
<b>MODEL</b>	Slot 10
<b>DESCRIPTION</b>	To guide slidingly profiles with slot 10; economic and wear-resistant solution, e.g. for sliding doors
<b>MATERIAL</b>	Plastic POM
<b>SURFACE</b>	Natural
<b>FASTENING</b>	With sheet-metal screws
<b>PACK QUANTITY</b>	10 pieces



A [mm]	D [mm]	B [mm]	C [mm]	E [mm]	N	Weight [g]	Profile	Part #
27.6	19.0	39.0	6.5	3.5	10	48.0	B	093SM10S01

**PROFILE SLIDER CENTER SLOT**

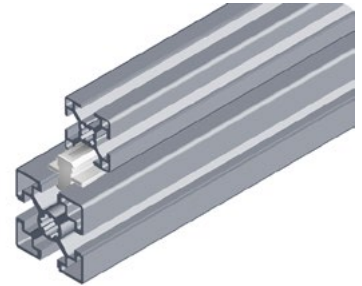
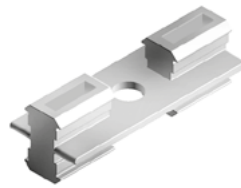
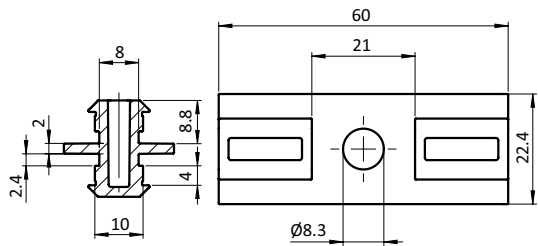
<b>MODEL</b>	Slot 8, 10
<b>DESCRIPTION</b>	To guide slidingly profiles with slot; economic and wear-resistant solution, e.g. for sliding doors
<b>MATERIAL</b>	Plastic POM
<b>SURFACE</b>	Natural
<b>FASTENING</b>	With sheet-metal screws
<b>PACK QUANTITY</b>	10 pieces



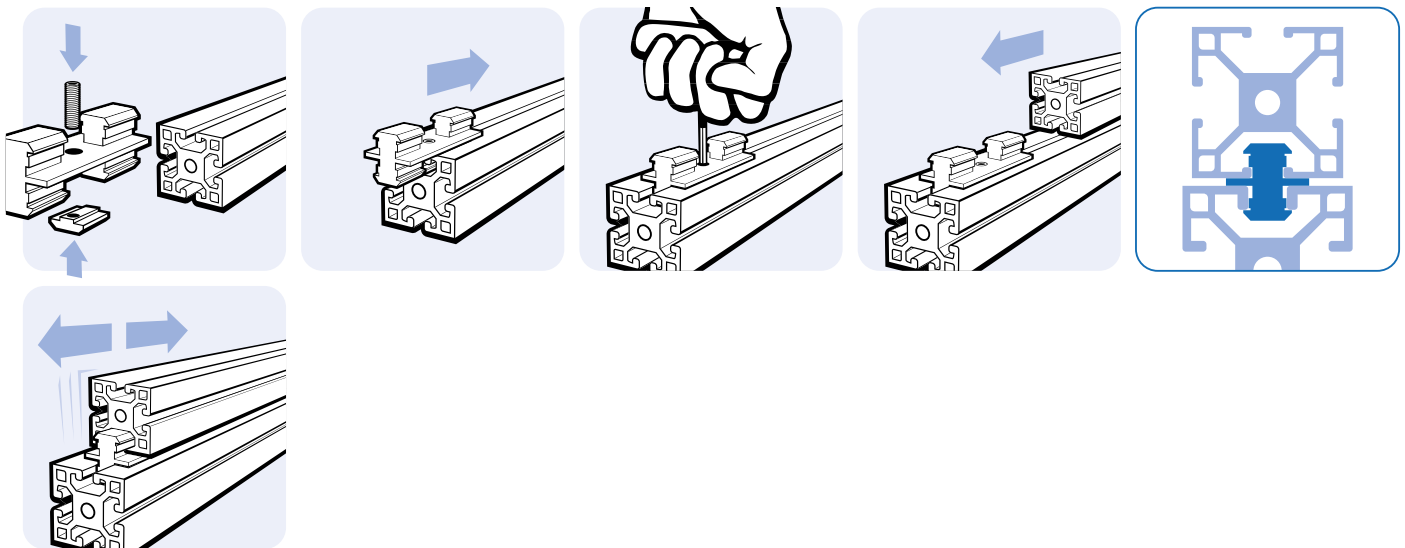
A [mm]	D [mm]	B [mm]	C [mm]	E [mm]	N	Weight [g]	Profile	Part #
18.0	15.0	26.0	3.0	2.8	8	29.0	B	<a href="#">093SM08</a>
27.6	19.0	39.0	6.5	3.5	10	53.0	B	<a href="#">093SM10</a>

**PROFILE SLIDER 8 + 10**

<b>MODEL</b>	Slot 8+10
<b>DESCRIPTION</b>	To guide slidingly profiles with slots 8 and 10, also combinable; economical and wear-resistant solution, for example for sliding doors
<b>MATERIAL</b>	Plastic POM
<b>COLOR</b>	Natural
<b>FASTENING</b>	Slot 8 with DIN 914 (ISO 4028), M8 x 12 Slot 10 with DIN 914 (ISO 4028), M8 x 20
<b>PACK QUANTITY</b>	10 pieces

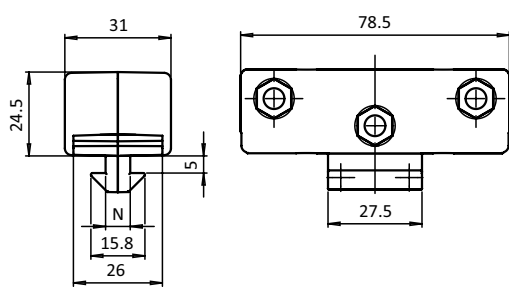


Slot	Weight [g]	Profile	Part #
8 / 10	9.0	B	093SM0810

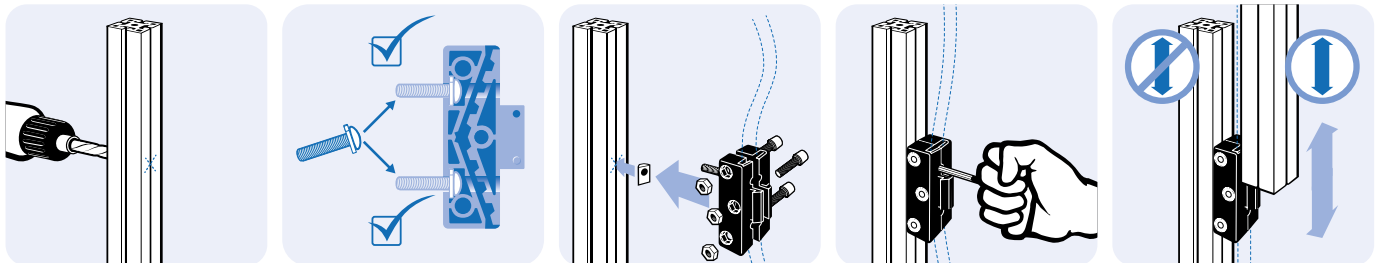


LIFT DOOR GUIDE (SET)

<b>MODEL</b>	Plastic POM
<b>DESCRIPTION</b>	To assemble sliding doors with 25 mm width PUR toothed belt DIN 7721 T10 (not included in delivery)
<b>MATERIAL</b>	Housing: Plastic POM Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>COLOR</b>	Housing: Black
<b>SET</b>	1 two-part housing, 1 inlay sheet, 1 screw ISO 7380 - M6 x 25, 3 hexagon nuts DIN 934 - M6, 3 screws DIN EN ISO 4762 (DIN 912) - M6 x 25, 1 T-slot nuts - Nut 8 - M 6
<b>PACK QUANTITY</b>	10 sets

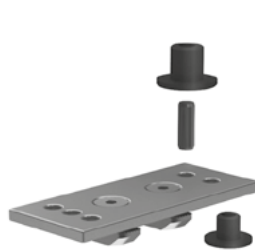
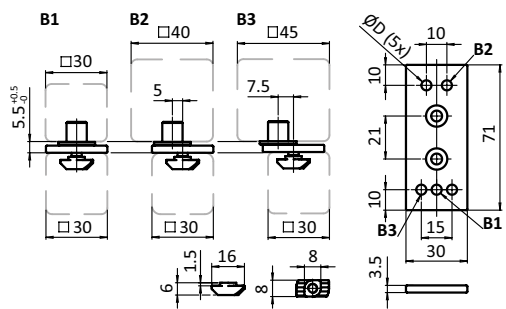


N	Weight [g]	Profile	Part #
8	97.0	I	093087S01

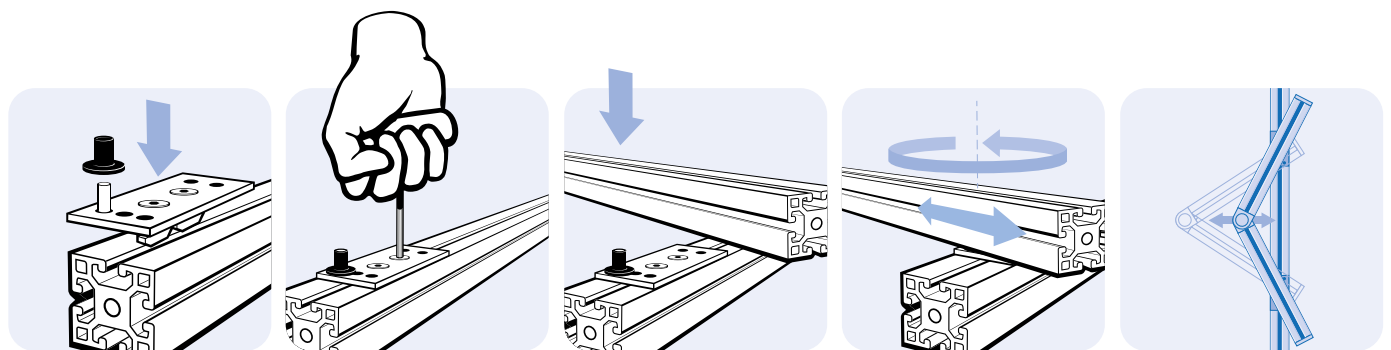


**FOLDING DOOR ELEMENT (SET)**

<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To assemble folding doors, simultaneous turning and sliding movement; guide bush can be inserted in different positions for slot 8 and 10; high quality design
<b>MATERIAL</b>	Folding door element: Aluminum Screws: Steel Hammer nuts: Steel Pin: Steel Guide bushes: POM
<b>SURFACE</b>	Folding door element: Anodized Screws: Zinc plated Hammer nuts: Zinc plated Pin: Zinc plated
<b>COLOR</b>	Guide bushes: Black
<b>SET</b>	1 folding door element, 2 screws DIN 7991 - M5 x 10, 2 hammer nuts - slot 8 - M5, 1 pin ISO 2338 - D5 x 14, 1 guide bush - slot 8, 1 guide bush - slot 10
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces on request



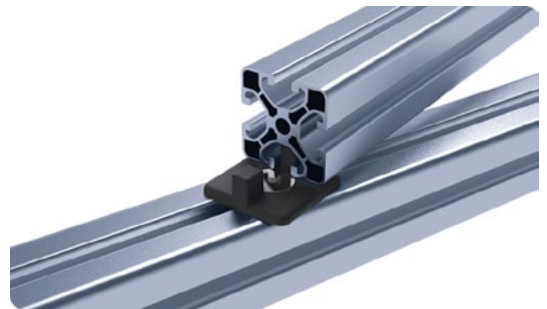
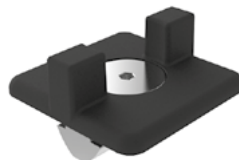
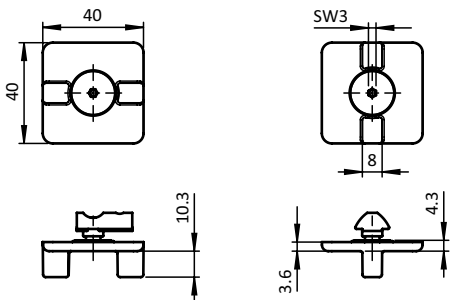
ØD [mm]	Weight [g]	Profile	Part #
4.9	147.9	B	093FDE30N0810



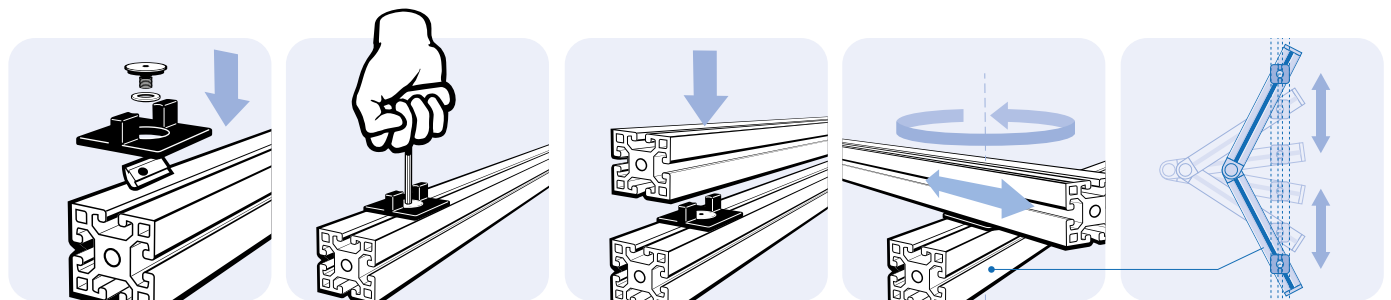


T-SLOT SLIDER (SET)

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	For the assembly of folding doors with simultaneous rotating and sliding movement; without a T-slot also suitable for side to end mounting into the core hole for e.g. keyboard pull outs
<b>MATERIAL</b>	T-slot slider: Plastic POM Special screw: Steel Washer: Stainless steel T-slot nut: Steel
<b>SURFACE</b>	Special screw: Zinc plated Washer: Plain T-slot nut: Zinc plated
<b>COLOR</b>	T-slot slider: Black
<b>SET</b>	1 T-slot slider, 1 special screw - M8 x 13, 1 washer DIN 988, 1 T-slot nut - slot 8 - M8
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	For gap distance 5 mm

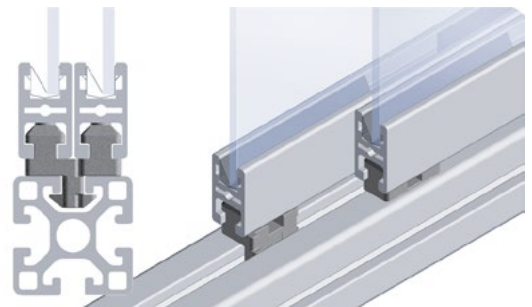
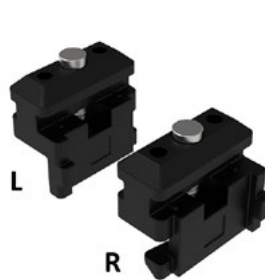
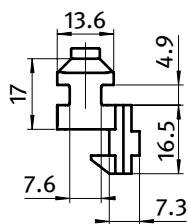
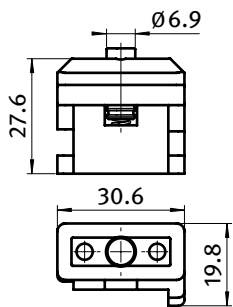


Max. Load [N]	Weight [g]	Profile	Part #
60 N	25.0	I	093ST4040N08

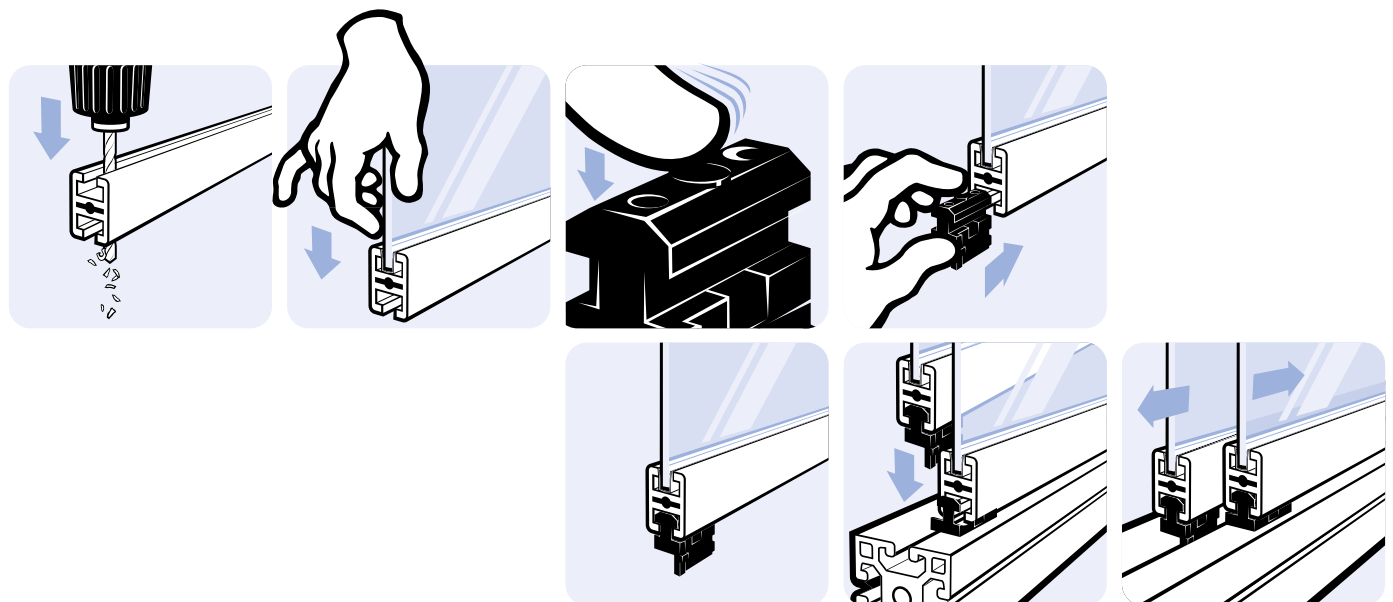


**SLIDING DOOR GUIDE FOR CLAMP PROFILE**

<b>MODEL</b>	Plastic POM
<b>DESCRIPTION</b>	To assemble sliding doors
<b>MATERIAL</b>	Sliding door guide: Plastic POM Mechanism: Steel
<b>SURFACE</b>	Mechanism: Zinc plated
<b>MAX. WEIGHT DOOR</b>	10 kg
<b>SET</b>	2 Sliding door guides left side version 2 Sliding door guides right side version
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>TIP</b>	Compatible Clamping Spring see 092090



Version	N	Weight [g]	Profile	Part #
(L) Left side version	8	11.0	I	<a href="#">093084L</a>
(R) Right side version	8	11.0	I	<a href="#">093084R</a>
Set	8	44.0	I	<a href="#">093084S01</a>



**SLIDING DOOR GUIDE SET 40 / 45**

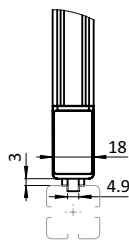
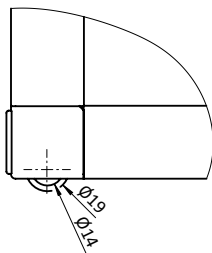
<b>MODEL</b>	Slot 8 - 10
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles and to guide lift or sliding doors in the slot of an aluminum profile, with ball bearing; spacers can be changed: for a 2 mm distance between door and fixed profile or a 2 or 4 mm distance between two doors
<b>MATERIAL</b>	Casing: Aluminum die-cast Roller: Plastic PA, glass ball reinforced Spacer: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Casing: Plain
<b>COLOR</b>	Roller: Black Spacer: Natural
<b>SET 1</b>	1 casing, 1 roller, 1 screw as axle, 3 spacers
<b>SET 2</b>	1 casing, 1 roller, 1 screw as axle, 4 spacers
<b>PACK QUANTITY</b>	10 sets



Set	B [mm]	ØD [mm]	N	Weight [g]	Profile	Part #
Set 1	40	8.5	8	137.0		<b>093095</b>
Set 2	40	12.5	10	175.0	B	<b>093097</b>
	45	12.5	10	230.0	B	<b>093098</b>

**SLIDING DOOR GUIDE INSERT FOR FRAME CORNER CONNECTOR 18 X 32 (SET)**

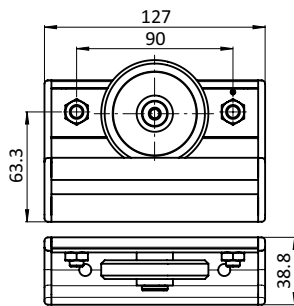
<b>MODEL</b>	Slot 5
<b>DESCRIPTION</b>	To guide lift or sliding doors in the slot of an aluminum profile, to insert in the frame corner connector 18 x 32 for clamp profile
<b>MATERIAL</b>	Guide insert: Plastic PA, glass fiber reinforced
<b>COLOR</b>	Guide insert: Gray ≈ RAL 7042
<b>SET</b>	1 guide insert, 1 cover cap, 1 stopper
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Frame Corner Connector 18 x 32 for Clamp Profile (Set) see 093WWC18321N08S01



Weight [g]	Profile	Part #
10.2	I	<a href="#">093WWC18321S01</a>

**BEARING UNIT PA 1 ROLLER FOR C-RAIL-PROFILE I SLOT Ø 14**

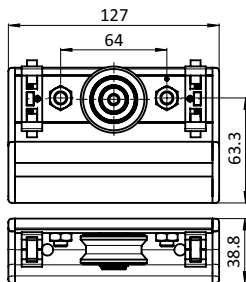
<b>MODEL</b>	Pre-assembled, plastic PA
<b>DESCRIPTION</b>	To build sliding doors To linearly guide small loads, plastic roller with slide bearings runs directly on the aluminum of the slot with Ø 14 mm
<b>MATERIAL</b>	Roller: Plastic PA Carrier plate: Steel Screws: Steel Threaded sleeve: Steel Press nuts: Steel Tension pin: Steel Profile: Aluminum Cover caps: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Carrier plate: Zinc plated Screws: Zinc plated Threaded sleeve: Zinc plated Press nuts: Zinc plated Profile: Anodized
<b>COLOR</b>	Roller: Black Cover caps: Black
<b>PACK QUANTITY</b>	1 piece



Weight [g]	Profile	Part #
491.7	I	093CAU081A128S01

**BEARING UNIT 1 ROLLER SHAFT Ø 14 FOR C-RAIL-PROFILE I**

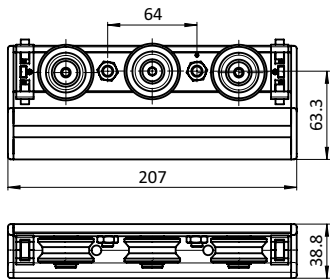
<b>MODEL</b>	Pre-assembled, steel
<b>DESCRIPTION</b>	To build sliding doors To linearly guide loads, steel roller with ball bearings runs directly on shaft Ø 14 mm
<b>MATERIAL</b>	Roller: Steel Carrier plate: Steel Screws: Steel Threaded sleeve: Steel Press nuts: Steel Tension pin: Steel Wiper and lubricators: Plastic PA / felt / spring steel Wood screws: Steel Profile: Aluminum Cover caps: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Roller: Zinc plated Carrier plate: Zinc plated Screws: Zinc plated Threaded sleeve: Zinc plated Press nuts: Zinc plated Tension pin: Zinc plated Wood screws: Zinc plated Profile: Anodized
<b>COLOR</b>	Wiper and lubricators: Black Cover caps: Black
<b>PACK QUANTITY</b>	1 piece



Weight [g]	Profile	Part #
475.5	I	<b>093CIUD141SA128S01</b>

**BEARING UNIT 3 ROLLERS SHAFT Ø 14 FOR C-RAIL-PROFILE I**

<b>MODEL</b>	Pre-assembled, steel
<b>DESCRIPTION</b>	To build sliding doors To linearly guide loads, steel roller with ball bearings runs directly on shaft Ø 14 mm To tighten the eccentric screw, a pin spanner is needed for the four holes of the adjusting washer
<b>MATERIAL</b>	Rollers: Steel Carrier plate: Steel Screws: Steel Threaded sleeves: Steel Press nuts: Steel Excentric screw: Steel Adjusting washer: Steel Tension pin: Steel Wiper and lubricators: Plastic PA / felt / spring steel Wood screws: Steel Profile: Aluminum Cover caps: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Rollers: Zinc plated Carrier plate: Zinc plated Screws: Zinc plated Threaded sleeves: Zinc plated Press nuts: Zinc plated Excentric screw: Zinc plated Adjusting washer: Zinc plated Tension pin: Zinc plated Wood screws: Zinc plated Profile: Anodized
<b>COLOR</b>	Wiper and lubricators: Black Cover caps: Black
<b>PACK QUANTITY</b>	1 piece

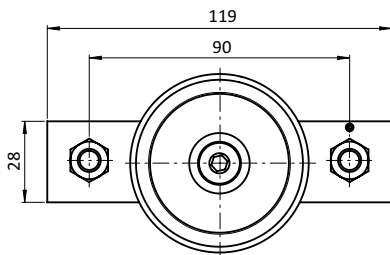


7

Weight [g]	Profile	Part #
801.0	I	<a href="#">093CIUD141SA208S01</a>

**BEARING KIT PA 1 ROLLER SLOT Ø 14 FOR C-SLIDE PROFILE I (SET)**

<b>MODEL</b>	Pre-assembled, plastic PA
<b>DESCRIPTION</b>	For the construction of bearing units, assembly with machining to C-slide profile I To linearly guide small loads, plastic roller with slide bearings runs directly on the aluminum of the slot with Ø 14 mm
<b>MATERIAL</b>	Roller: Plastic PA Carrier plate: Steel Screws: Steel Threaded sleeve: Steel Press nuts: Steel Tension pin: Steel
<b>SURFACE</b>	Carrier plate: Zinc plated Screws: Zinc plated Threaded sleeve: Zinc plated Press nuts: Zinc plated
<b>COLOR</b>	Roller: Black
<b>SET</b>	1 roller 1 carrier plate 3 screws DIN EN ISO 10642 (DIN 7991) - M8 x 16 1 threaded sleeve - M8 2 press nuts - M8 1 tension pin
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Cover Cap for C-slide Profile I (Set) see 091401S01 Ready Bearing Unit PA 1 Roller for C-Rail-Profile I Slot Ø 14 see 093CAU081A128S01

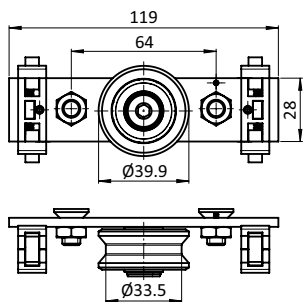


Weight [g]	Profile	Part #
171.7	I	<a href="#">093CA081119S01</a>



**BEARING KIT 1 ROLLER SHAFT Ø 14 FOR C-SLIDE PROFILE I (SET)**

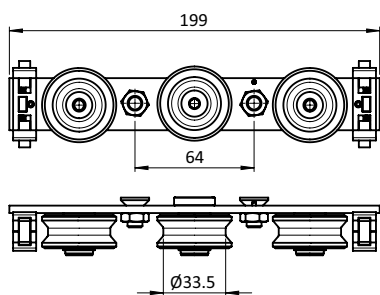
<b>MODEL</b>	Pre-assembled, steel
<b>DESCRIPTION</b>	For the construction of bearing units, assembly with machining to C-slide profile I To linearly guide loads, steel roller with ball bearings runs directly on shaft Ø 14 mm
<b>MATERIAL</b>	Roller: Steel Carrier plate: Steel Screws: Steel Threaded sleeve: Steel Press nuts: Steel Tension pin: Steel Wiper and lubricators: Plastic PA / felt / spring steel Wood screws: Steel
<b>SURFACE</b>	Roller: Zinc plated Carrier plate: Zinc plated Screws: Zinc plated Threaded sleeve: Zinc plated Press nuts: Zinc plated Tension pin: Zinc plated Wood screws: Zinc plated
<b>COLOR</b>	Wiper and lubricators: Black
<b>SET</b>	1 roller 1 carrier plate 3 screws DIN EN ISO 10642 (DIN 7991) - M8 x 16 1 threaded sleeve - M8 2 press nuts - M8 1 tension pin 2 wiper and lubricators 2 wood screws - 3.5 x 20
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Cover Cap for C-slide Profile I (Set) see 091401S01 Ready Bearing Unit 1 Roller Shaft Ø 14 for C-Rail-Profile I see 093CIUD141SA128S01



Weight [g]	Profile	Part #
155.6	I	<b>093CID14S119S01</b>

**BEARING KIT 3 ROLLERS SHAFT Ø 14 FOR C-SLIDE PROFILE I (SET)**

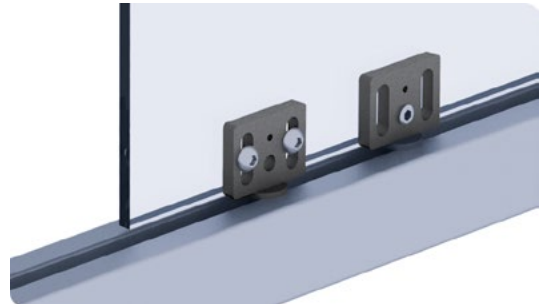
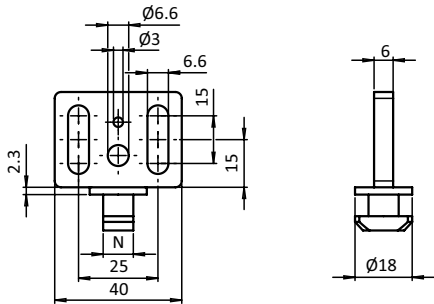
<b>MODEL</b>	Pre-assembled, steel
<b>DESCRIPTION</b>	For the construction of bearing units, assembly with machining to C-slide profile I To linearly guide loads, steel rollers with ball bearings runs directly on shaft Ø 14 mm To tighten the eccentric screw, a pin spanner is needed for the four holes of the adjusting washer
<b>MATERIAL</b>	Rollers: Steel Carrier plate: Steel Screws: Steel Threaded sleeves: Steel Press nuts: Steel Excentric screw: Steel Adjusting washer: Steel Tension pin: Steel Wiper and lubricators: Plastic PA / felt / spring steel Wood screws: Steel
<b>SURFACE</b>	Rollers: Zinc plated Carrier plate: Zinc plated Screws: Zinc plated Threaded sleeves: Zinc plated Press nuts: Zinc plated Excentric screw: Zinc plated Adjusting washer: Zinc plated Tension pin: Zinc plated Wood screws: Zinc plated
<b>COLOR</b>	Wiper and lubricators: Black
<b>SET</b>	3 rollers 1 carrier plate 3 screws DIN EN ISO 10642 (DIN 7991) - M8 x 16 2 threaded sleeve - M8 2 press nuts - M8 1 excentric screw M8 1 adjusting washer - M8 1 tension pin 2 wiper and lubricators 2 wood screws - 3.5 x 20
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Cover Cap for C-slide Profile I [Set] see 091401S01 Ready Bearing Unit 3 Rollers Shaft Ø 14 for C-Rail-Profile I see 093CIUD141SA208S01



Weight [g]	Profile	Part #
274.2	I	<a href="#">093CID14S199S01</a>

PANEL SLIDER

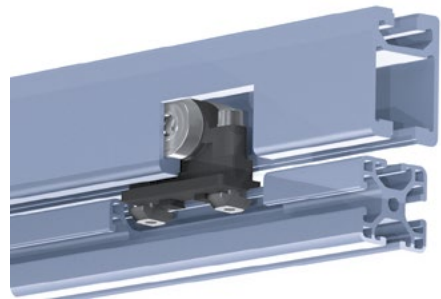
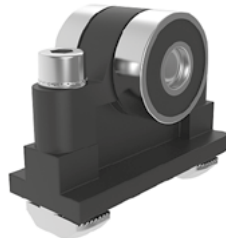
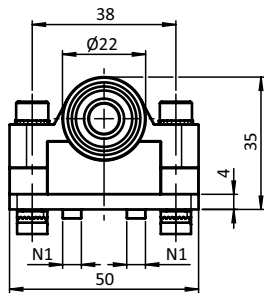
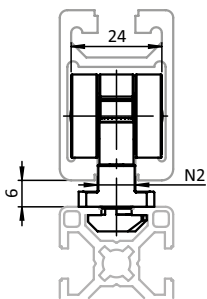
<b>MODEL</b>	Slot 10
<b>DESCRIPTION</b>	To guide guide lift or sliding doors in the slot of an aluminum profile
<b>MATERIAL</b>	Plastic POM
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces



N	Weight [g]	Profile	Part #
10	9.0	B	<a href="#">093SN10</a>

**TROLLEY (SET)**

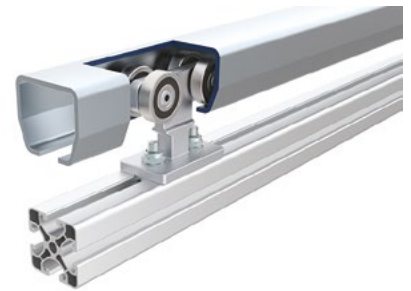
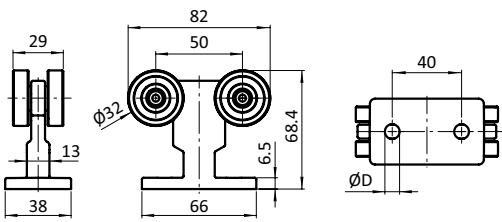
<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	For moving suspended sliding doors built of slot 8 profiles in slot 10 rail profile
<b>MATERIAL</b>	Trolley: Plastic PA Bearing: Steel Straight pin: Stainless steel Mounting material: Steel
<b>SURFACE</b>	Bearing: Chrome plated (RoHS-konform) Cylinder pin: Plain Mounting material: Zinc plated
<b>COLOR</b>	Trolley: Black
<b>SET</b>	1 Trolley with 2 mounted bearings 1 Cylinder pin DIN 7 - Ø 8 x 20, 2 Screws DIN EN ISO 4762 (DIN 912) - M5 x 30, 2 Washers 5-FSt, 2 Hammer head nuts - slot 8 - M5
<b>PACK QUANTITY</b>	1 set



	<b>Fmax [N]</b>	<b>N1</b>	<b>N2</b>	<b>Weight [g]</b>	<b>Profile</b>	<b>Part #</b>
	150.0	8.0	10.0	71.0	B	<b>093101</b>

**TROLLEY 40 FOR OVERHEAD C-RAIL, WITH MOUNTING PLATE**

<b>MODEL</b>	Aluminum die-cast
<b>DESCRIPTION</b>	To build towing trolleys with aluminum profile 40, for hanging cables or lines optional tool hangers can be inserted into the slot of the aluminum profile; Ball bearing guide of the trolley in the overhead C-monorail
<b>MATERIAL</b>	Trolley: Aluminum die-cast Ball bearings: Steel
<b>SURFACE</b>	Trolley: Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Tool Hangers see 093007



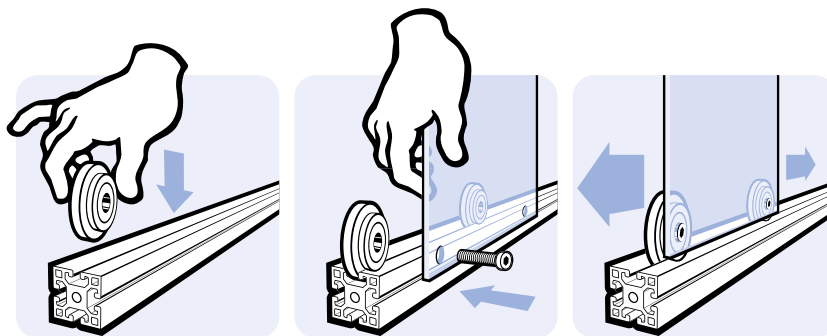
	D [mm]	Weight [g]	Part #
	8.5	250.0	093820

**ROLLER Ø 19**

<b>MODEL</b>	Plastic PA, Slot 5
<b>DESCRIPTION</b>	To guide moving parts in the slot of the aluminum profile
<b>MATERIAL</b>	Roller: Plastic PA, glass ball reinforced Bush: Steel Washer: Steel
<b>SURFACE</b>	Bush: Zinc plated Washer: Zinc plated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other colors on request

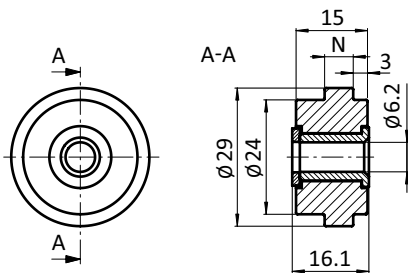


N	Weight [g]	Part #
5	4.2	093028

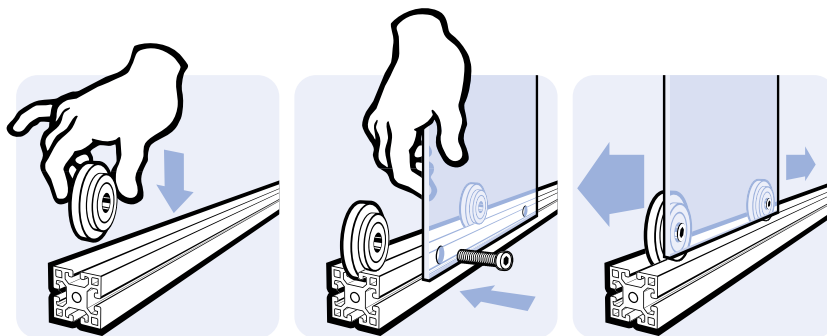


**ROLLER Ø 29**

<b>MODEL</b>	Plastic PA, Slot 6
<b>DESCRIPTION</b>	To guide moving parts in the slot of the aluminum profile
<b>MATERIAL</b>	Roller: Plastic PA, glass ball reinforced Bush: Steel Washer: Steel
<b>SURFACE</b>	Bush: Zinc plated Washer: Zinc plated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other colors on request

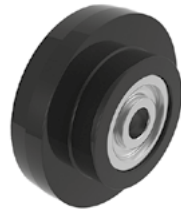
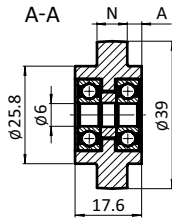
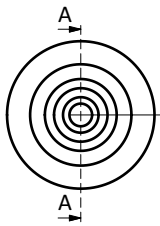


Slot	Weight [g]	Part #
6	14.5	093029

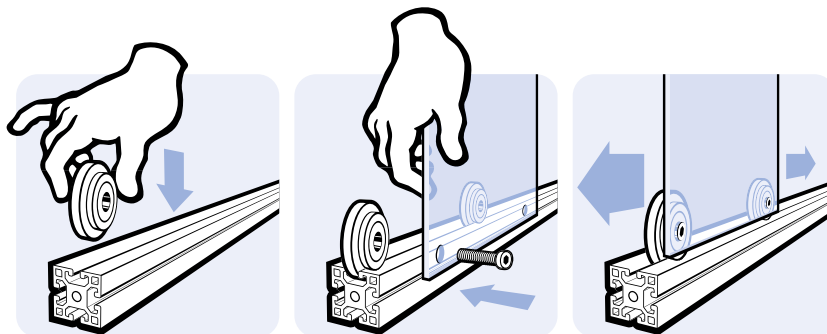


**ROLLER Ø 39**

<b>MODEL</b>	Plastic PA, Slot 8, 10, 12
<b>DESCRIPTION</b>	To guide moving parts in the slot of the aluminum profile, with ball bearing
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other colors on request



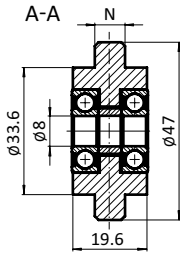
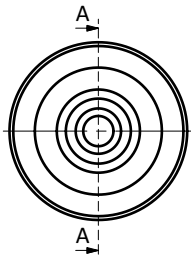
	Color	A [mm]	N	Weight [g]	Part #
	Black	3.8	8	30.0	<b>093020</b>
		3.8	10	31.8	<b>093021</b>
	Gray ≈ RAL 7042	3.8	8	30.0	<b>093020S03</b>



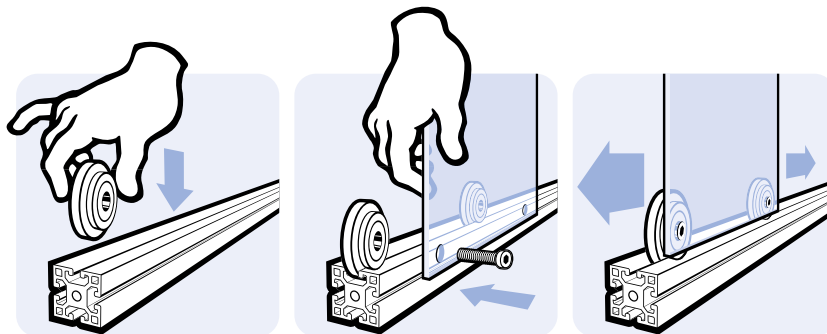


**ROLLER Ø 47**

<b>MODEL</b>	Plastic PA, Slot 8, 10
<b>DESCRIPTION</b>	To guide moving parts in the slot of the aluminum profile, with ball bearing
<b>MATERIAL</b>	Plastic PA, glass ball reinforced Pins: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other colors on request

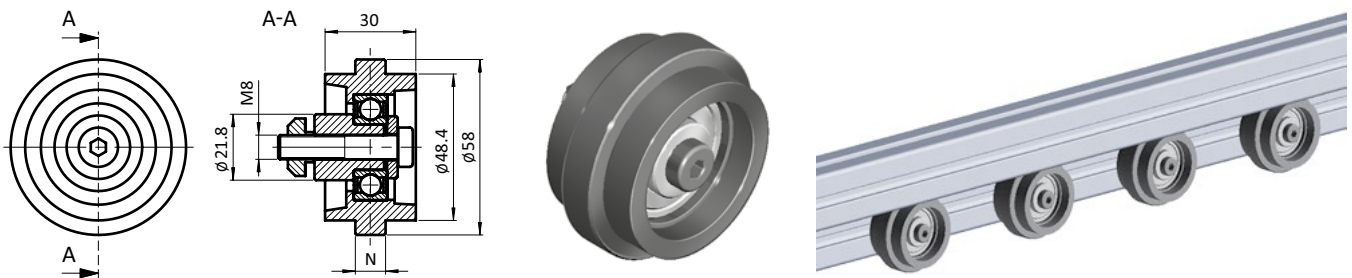


N	Weight [g]	Part #
8	48.3	093024
10	50.0	093025

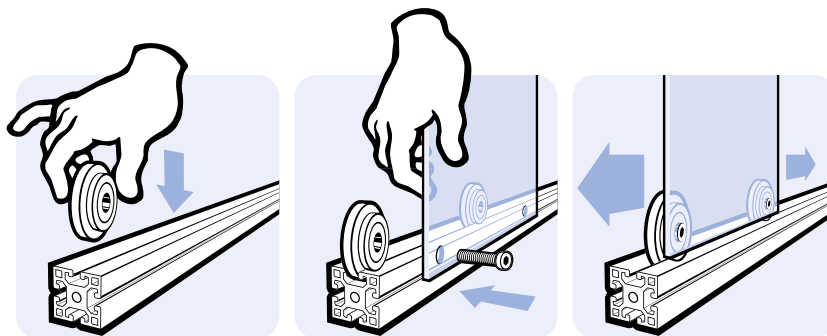


**ROLLER Ø 58**

<b>MODEL</b>	Plastic PA, Slot 10
<b>DESCRIPTION</b>	To guide moving parts in the slot of the aluminum profile, with ball bearing
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>SET</b>	1 roller, 1 hammer nut, slot 10 M8, zinc-plated steel, 1 cylinder head screw DIN 7984 M8 x 40, zinc-plated steel, 1 washer DIN 7349
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	ESD electrostatical discharging, other colors on request

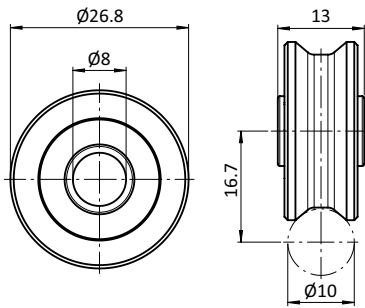


	N	Weight [g]	Part #
	10	154.5	093026



**ROLLER FOR SHAFTS Ø 10**

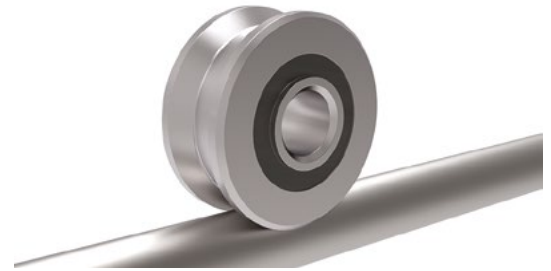
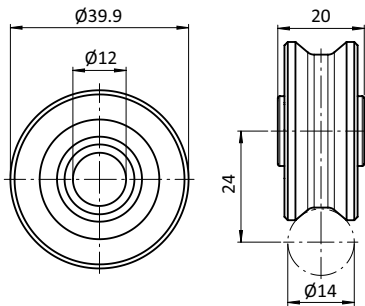
<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To guide moving parts on a sanded shaft Ø 10 With ball bearing To build individual bearing units
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Sanded
<b>PACK QUANTITY</b>	1 piece



Weight [g]	Part #
37.3	340ME575

**ROLLER FOR SHAFTS Ø 14**

<b>MODEL</b>	Steel / stainless steel
<b>DESCRIPTION</b>	To guide moving parts on a sanded shaft Ø 14 With ball bearing To build individual bearing units
<b>MATERIAL</b>	Steel / stainless steel
<b>SURFACE</b>	Sanded
<b>PACK QUANTITY</b>	1 piece



Version	Material	Weight [g]	Part #
Cover Disks Steel	Steel	132.0	<a href="#">340ME566</a>
Sealing Washers Rubber	Steel	132.0	<a href="#">340ME567</a>
Cover Disks Stainless Steel	Stainless steel	132.0	<a href="#">340ME571</a>

## BEARING UNITS

### FATH Bearing Units: Easily design slide units and sliding doors yourself

- Individual design of slide units and sliding doors
- Centric and eccentric versions available
- Can be used offset by 180° for maximum flexibility
- Rugged construction

### HIGHLIGHTS

With **FATH** Bearing Units for C-rail profiles, you can easily design slide units and sliding doors for an industrial environment. The different versions are equipped with hardened rollers inside in different materials and versions and offer you a high degree of flexibility for the construction of individual applications according to need and customer requirements.

For the construction of guide carriages, the **FATH** Bearing Unit is combined with a suitable carriage plate. Centric and eccentric bearing units with different bolt geometries are available. As the eccentric bolts can also be adjusted afterward, you can build a guide unit free of play. The ideal result is achieved when two centric and two eccentric bearing units are installed.

In order to permanently ensure lubrication of guide rails and bearing units, **FATH** has a suitable stripping and lubrication system that protects against premature wear.

### INDIVIDUAL CONSTRUCTIONS

#### Countless applications can be implemented

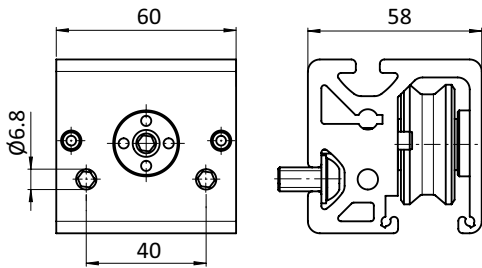
Slide unit or suspension for sliding doors: The application possibilities are virtually unlimited. Since the **FATH** Bearing Units can also be installed offset by 90°, a 3D printer, for example, can be moved vertically and horizontally by attaching the appropriate slide units.

Sliding doors for a wide range of functions in production and assembly can be precisely constructed – whether simple construction for closing small areas or as part of a complex enclosure with practical access. The sliding doors are guided by mounting the **FATH** Bearing Units on a C-rail system and D14 shafts. For large structures, the guideway can be supported by rollers on the lower side if required.



**Reduce wear and tear**

To minimize wear and tear, **FATH** Bearing Units are equipped with a lubrication device. The cap is equipped with a felt lining, which in addition protects the lubrication unit against leakage. For lubrication, the lubricating oil is simply poured into the opening.



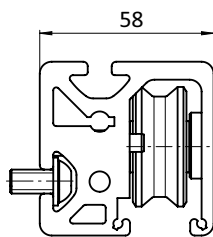
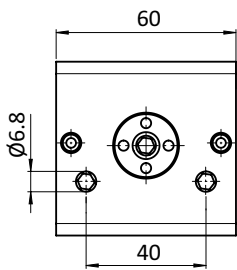
**Get to know it better now!**

[bearing-unit.fath24.com](http://bearing-unit.fath24.com)



**BEARING UNIT 1 ROLLER ECCENTRIC SHAFT Ø 14**

<b>MODEL</b>	Pre-assembled, steel
<b>DESCRIPTION</b>	To build sliding carriages To linearly guide loads, steel roller with ball bearings runs directly on shaft Ø 14 mm Completely pre-assembled from roller profile I slot 8 To tighten the eccentric screw, a pin spanner is needed for the four holes of the adjusting washer
<b>MATERIAL</b>	Roller: Steel Screws: Steel Excentric screw: Steel Adjusting washer: Steel Washers: Steel Tension pins: Steel Profile: Aluminum
<b>SURFACE</b>	Roller: Zinc plated Screws: Zinc plated Excentric screw: Zinc plated Adjusting washer: Zinc plated Washers: Zinc plated Tension pins: Zinc plated Profile: Anodized
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Wiper and Lubricator Ø 14 for Roller Profile I Slot 8 (Set) see 091381S01



Weight [g]	Profile	Part #
450.2	I	093CIUD141060S01

**BEARING UNIT 1 ROLLER CENTRIC SHAFT Ø 14**

<b>MODEL</b>	Pre-assembled, steel
<b>DESCRIPTION</b>	To build sliding carriages To linearly guide loads, steel roller with ball bearings runs directly on shaft Ø 14 mm Completely pre-assembled from roller profile I slot 8
<b>MATERIAL</b>	Roller: Steel Screws: Steel Washers: Steel Tension pins: Steel Profile: Aluminum
<b>SURFACE</b>	Roller: Zinc plated Screws: Zinc plated Washers: Zinc plated Tension pins: Zinc plated Profile: Anodized
<b>PACK QUANTITY</b>	1 piece
<b>TIP</b>	Compatible Wiper and Lubricator Ø 14 for Roller Profile I Slot 8 (Set) see 091381S01



Weight [g]	Profile	Part #
450.5	I	<a href="#">093CIUD141060S02</a>



**WIPER AND LUBRICATOR Ø 14 FOR ROLLER PROFILE I SLOT 8 (SET)**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Lubrication system for roller profile I to simplify maintenance of bearing units; Lubrication and wiping of particles while in use; Lubricating felt is delivered oil soaked
<b>MATERIAL</b>	Housing: Plastic PA, glas fibre reinforced Lubricating felt: Felt Spring: Steel Screw: Steel
<b>SURFACE</b>	Spring: Zinc plated Screw: Zinc plated
<b>COLOR</b>	Housing: Black
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Semi-annual oil refill recommended



	Weight [g]	Profile	Part #
	57.8	I	<a href="#">091381S01</a>



1

2

3

4

5

6

7

**CONVEYORS**

**8**

9

10
























11
















12

13

14

## CONVEYORS

	<b>ROLLER TRACK I 60X24</b>	<b>836</b>		<b>TRANSITION RAMP AL</b>	<b>854</b>
	<b>HOLDING BRACKET I 60X24 40</b>	<b>837</b>		<b>ROLLER UNIT L50 R28</b>	<b>855</b>
	<b>DOCKING CLIP I 60X24</b>	<b>838</b>		<b>ROLLER UNIT L33 R28</b>	<b>856</b>
	<b>ROLLER TRACK XST R28</b>	<b>839</b>		<b>ROLLER UNIT H26</b>	<b>857</b>
	<b>ROLLER TRACK XST R28 WITH FLANGE</b>	<b>840</b>		<b>ROLLER UNIT R9</b>	<b>858</b>
	<b>ROLLER TRACK XST H26</b>	<b>841</b>		<b>BALL UNIT</b>	<b>859</b>
	<b>HOLDING BRACKET XST 40</b>	<b>842</b>		<b>BRUSH UNIT</b>	<b>860</b>
	<b>TRACK CONNECTOR FOR ROLLER TRACK XST</b>	<b>843</b>		<b>ROLLER R28</b>	<b>861</b>
	<b>LATERAL GUIDE XST</b>	<b>844</b>		<b>ROLLER H26</b>	<b>862</b>
	<b>CENTRAL GUIDE XST</b>	<b>845</b>		<b>ROLLER R9</b>	<b>863</b>
	<b>ROLLER TRACK AL R28</b>	<b>846</b>		<b>AXLE FOR AL ROLLER TRACKS</b>	<b>864</b>
	<b>ROLLER TRACK AL R28 WITH FLANGE</b>	<b>847</b>		<b>CAGE FOR ROLLERS R28</b>	<b>865</b>
	<b>ROLLER TRACK PROFILE AL</b>	<b>848</b>		<b>CAGE FOR ROLLERS H26</b>	<b>866</b>
	<b>END PLATE AL</b>	<b>849</b>		<b>CAGE FOR ROLLERS R9</b>	<b>867</b>
	<b>STOP BUFFER CYLINDRICAL M</b>	<b>850</b>		<b>SPACER L25 FOR ROLLER CAGE AL</b>	<b>868</b>
	<b>STOP BUFFER CONIC</b>	<b>851</b>		<b>BALL INSERT D24</b>	<b>869</b>
	<b>STOP BUFFER CYLINDRICAL F</b>	<b>852</b>		<b>BRUSH INSERT D24</b>	<b>870</b>
	<b>SLIDE RAIL AL</b>	<b>853</b>		<b>CAGE FOR BALL / BRUSH INSERT D24</b>	<b>871</b>

	<b>BACKSTOP UNIT AL</b>	<b>872</b>
	<b>BRAKE R28</b>	<b>873</b>
	<b>BRAKE H26</b>	<b>874</b>
	<b>ROLLER ELEMENT, CLIP-FIX</b>	<b>875</b>
	<b>ROLLER ELEMENT, SCREW-ON VERSION</b>	<b>876</b>
	<b>SLIDE RAIL I</b>	<b>877</b>
	<b>TRANSITION RAMP I (SET)</b>	<b>878</b>
	<b>SLIDE RAIL B</b>	<b>879</b>
	<b>ROLLER MOUNTING BLOCKS</b>	<b>880</b>
	<b>BEARING BLOCK FOR SUPPORT ROLLER I D32 (SET)</b>	<b>881</b>
	<b>BEARING FOR SUPPORT ROLLER I D32</b>	<b>882</b>
	<b>BEARING FOR SUPPORT ROLLER I D50</b>	<b>883</b>
	<b>SENSOR MOUNTING BLOCK 28 X 12 X 16</b>	<b>884</b>
	<b>SENSOR MOUNTING BLOCK 34 X 12 X 22, Ø 18</b>	<b>885</b>
	<b>RETURN STOP (SET)</b>	<b>886</b>



## ROLLER TRACKS

### Roller Tracks for Manual Work Piece Transfer – built with FATH Components!



- **FATH** roller track system for aluminum (AL) and steel (ST) profiles
- Modular system design for flexible application
- Mounting in the track profile AL without tools and from above
- Different roller shapes for any application
- Available in four colors and as ESD version
- Extensive accessories range
- Four colors and as ESD version
- Economical solution: roller track XST

### HIGHLIGHTS

**FATH** offers a collection of different transport units and accessories for aluminum as well as steel roller track profiles. Assembly of the units in the aluminum profile can be done easily from above and without tools. You have the choice between different rollers, ball rollers, brush and slide units. All units can be freely combined.

By the way: **FATH** rollers are made from high-quality, glass ball reinforced Polyamide.

There are different roller shapes for different applications, each designed to meet special requirements regarding running smoothness, center distance and load capacity.

**MODULAR  
& FLEXIBLE**



#### Moving in two dimensions

Ball roller and brush units provide for the possibility to move goods in two directions, even transversely to the track direction, e.g. at track switches and material locks. End plates close the end face of the track profile safely, provide a defined end stop, and allow for the attachment of buffer stops. Compatible holding brackets in different versions connect with the tubular frame system D28.

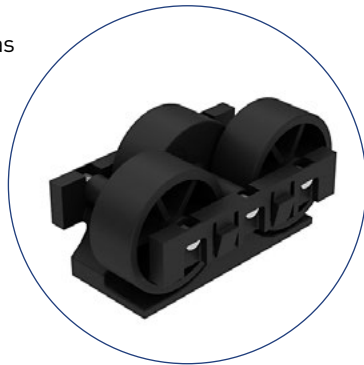
The Roller Track XST. It is available as a bundle of 12 in a length of two metres. Since there is no additional freight surcharge, you benefit from significantly lower logistics costs. The holders for the roller track ST can be used for the roller track XST. The Roller Track I 60x24 in its extremely flat design has been designed for the transport of heavy goods. Carbon fiber reinforced rollers ensure high impact durability. The roller material also allows higher angles of tilt without the transported goods picking up too much speed. Due to the antistatic design, the roller rail can also be used for sensitive products.

# DIFFERENT ROLLER GEOMETRIES FOR EVERY APPLICATION

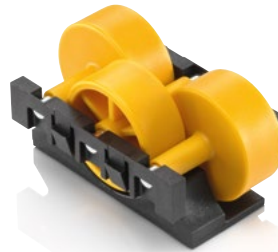
## Lateral Guidance or very small center distance

Rollers R28 are also supplied with flange for lateral guidance. The roller unit R9 has very small center distance and a maximum number of axes. It is designed to build tracks running smoothly with minimum vibrations. It provides a reduced point load on the good and is perfect for use with very soft cardboard boxes and coarsely built wooden boxes.

Another plus:  
All units are available as electrostatically discharging version.



R28



H26

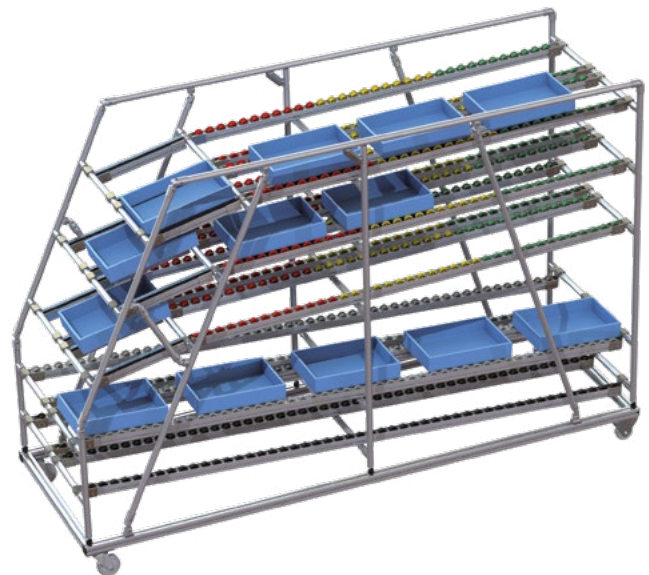
R8

## Kanban Color Marking

With multi-colored rollers, level marks can be realized, e.g. for Kanban applications.



Work Station



Shelf Trolley



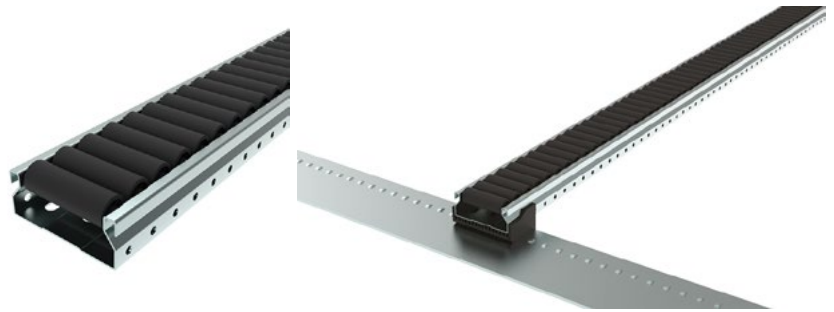
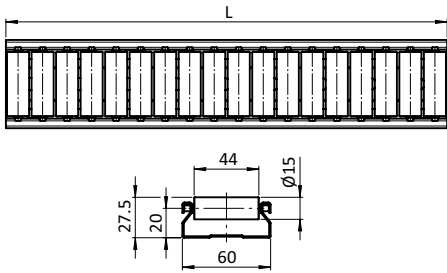
Get to know it better now!

[roller-track.fath24.com](http://roller-track.fath24.com)



**ROLLER TRACK I 60X24**

<b>MODEL</b>	Assembled ready for use
<b>DESCRIPTION</b>	Resilient and smooth running roller track I 60x24
<b>MATERIAL</b>	Roller track profile I: Steel ESD electrostatically discharging roller: Plastic PA, carbon fiber reinforced Axle: Steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	54 pieces (1 pallet)
<b>SPECIALS</b>	Other colors on request



Color	ESD	Weight [g]	Part #
Black	ESD	1520.0	<a href="#">6IPR1591ESD.4000S01</a>



**HOLDING BRACKET I 60X24 40**

<b>MODEL</b>	For roller tracks I 60x24
<b>DESCRIPTION</b>	To mount roller tracks I 60x24 40 to profiles 40 mm
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

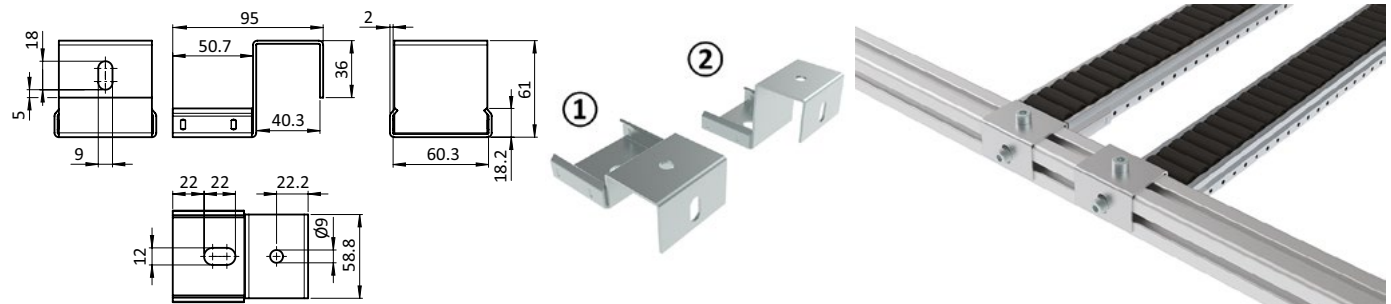
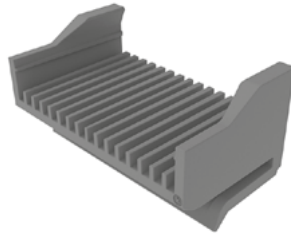
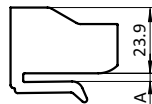
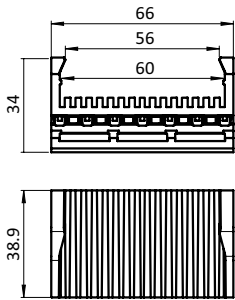


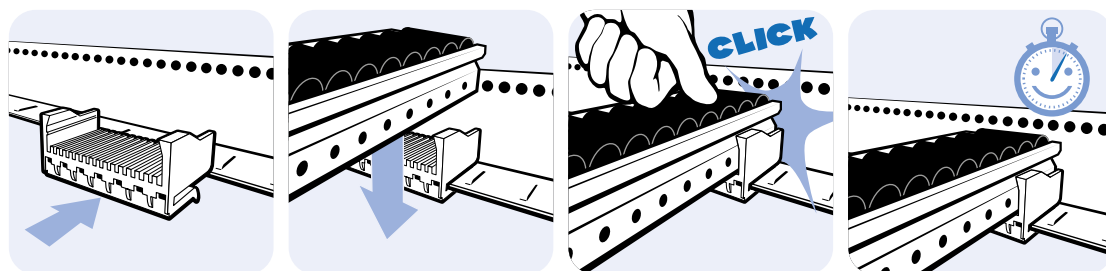
Fig.	Version	Weight [g]	Part #
①	Without end stop	161.3	<a href="#">062IHD40M</a>
②	With end stop	192.5	<a href="#">062IHSD40M</a>

**DOCKING CLIP I 60X24**

<b>MODEL</b>	For roller tracks I 60x24
<b>DESCRIPTION</b>	For quick plug-in of roller tracks I 60x24 in the lateral connectors of flow beds of live storage shelvings, channel width can be adjusted horizontally in steps
<b>MATERIAL</b>	Plastic PA
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	20 pieces
<b>SPECIALS</b>	Other colors on request

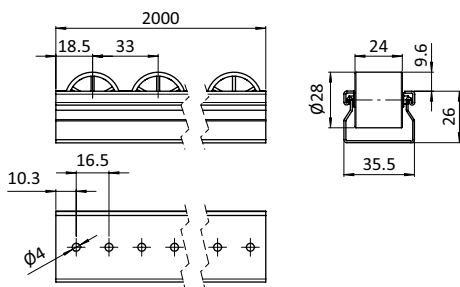


Color	A [mm]	Weight [g]	Part #
Gray ≈ RAL 7042	3.0 (max. 4.0)	29.0	<a href="#">0621A3572</a>



**ROLLER TRACK XST R28**

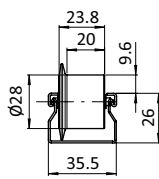
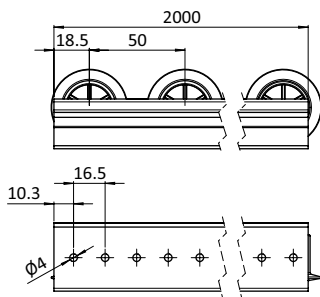
<b>MODEL</b>	Assembled ready for use
<b>DESCRIPTION</b>	Economical, resilient and smooth running roller track XST R28
<b>MATERIAL</b>	Roller track profile XST: Steel Standard roller: Plastic PP ESD electrostatically discharging roller: Plastic PP, electrostatically discharging Axle: Steel
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	12 pieces at 2000 mm
<b>SPECIALS</b>	Other colors on request



	Color of Roller	ESD	Weight [g/m]	Part #
	Gray ≈ RAL 7042		823.0	<a href="#">6XPR2872.2000</a>
	Black	ESD	886.0	<a href="#">6XPR2891ESD.2000</a>

**ROLLER TRACK XST R28 WITH FLANGE**

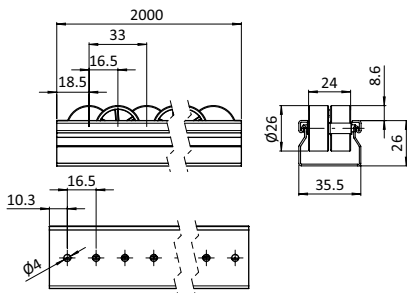
<b>MODEL</b>	Assembled ready for use
<b>DESCRIPTION</b>	Economical, resilient and smooth running roller track XST R28, with flange as lateral guiding
<b>MATERIAL</b>	Roller track profile XST: Steel Standard roller: Plastic PP ESD electrostatically discharging roller: Plastic PP, electrostatically discharging Axle: Steel
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	12 pieces at 2000 mm
<b>SPECIALS</b>	Other colors on request



Color of Roller	ESD	Weight [g/m]	Part #
Gray ≈ RAL 7042		775.0	<a href="#">6XPR28F72.2000</a>
Black	ESD	815.0	<a href="#">6XPR28F91ESD.2000</a>

**ROLLER TRACK XST H26**

<b>MODEL</b>	Assembled ready for use
<b>DESCRIPTION</b>	Economical, resilient and smooth running roller track XST H26
<b>MATERIAL</b>	Roller track profile XST: Steel Standard roller: Plastic PP ESD electrostatically discharging roller: Plastic PP, electrostatically discharging Axle: Steel
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	12 pieces at 2000 mm
<b>SPECIALS</b>	Other colors on request



ESD	Color of Roller	Weight [g/m]	Part #
	Gray ≈ RAL 7042	834.0	<b>6XPH2672.2000</b>
ESD	Black	882.0	<b>6XPH2691ESD.2000</b>

**HOLDING BRACKET XST 40**

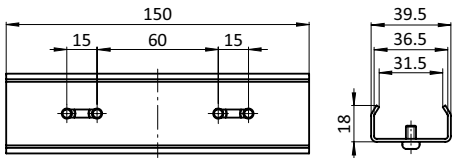
<b>MODEL</b>	For roller tracks XST
<b>DESCRIPTION</b>	To mount roller tracks XST and guiding rails XST central to profiles 40 mm, preventing inserts from slipping out
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



Fig.	Version	Weight [g]	Part #
①	Without end stop	176.0	<a href="#">062XHD40M</a>
②	With end stop	152.0	<a href="#">062XHS40M</a>

**TRACK CONNECTOR FOR ROLLER TRACK XST**

<b>MODEL</b>	For roller tracks XST
<b>DESCRIPTION</b>	To face-to-face connect two roller tracks XST for extension
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET</b>	1 track connector for roller track XST, 4 self-tapping screws DIN 7500 form C - S5 x 8 - Torx T25
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request



**Weight [g]**

**Part #**

156.0

**062MG36MS01**

**LATERAL GUIDE XST**

<b>MODEL</b>	For roller tracks XST
<b>DESCRIPTION</b>	For a safe guiding and positioning in flexible conveyor facilities, guiding rails provide for an adequate work height for the product supply
<b>MATERIAL</b>	Standard version: Plastic PVC ESD electrostatical discharging version: Plastic PVC, carbon fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	12 meters (6 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request

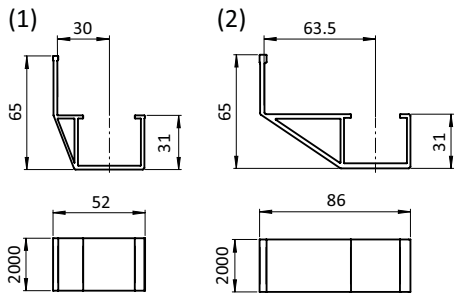
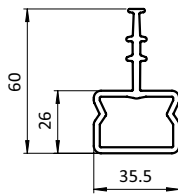
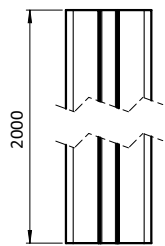


Fig.	Version	Color	ESD	Weight [g/m]	Part #
①	Lateral 30	Black		600.0	<a href="#">062MGRL3291.2000</a>
①	Lateral 30	Black	ESD	600.0	<a href="#">062MGRL3291ESD.2000</a>
①	Lateral 30	Gray ≈ RAL 7042		600.0	<a href="#">062MGRL3274.2000</a>
②	Lateral 63.5	Black		800.0	<a href="#">062MGRL6591.2000</a>
②	Lateral 63.5	Black	ESD	800.0	<a href="#">062MGRL6591ESD.2000</a>
②	Lateral 63.5	Gray ≈ RAL 7042		800.0	<a href="#">062MGRL6574.2000</a>



**CENTRAL GUIDE XST**

<b>MODEL</b>	For roller tracks XST
<b>DESCRIPTION</b>	For a safe guiding and positioning in flexible conveyor facilities, guiding rails provide for an adequate work height for the product supply
<b>MATERIAL</b>	Standard version: Plastic PVC ESD electrostatical discharging version: Plastic PVC, carbon fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	12 meters (6 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Compatible Brackets for XST Roller Tracks see 062MHD28M, 062MHD30M and 062XHD40M



	Color	ESD	Weight [g/m]	Part #
	Black		485.0	<a href="#">062MGRC91.2000</a>
		ESD	430.0	<a href="#">062MGRC91ESD.2000</a>
	Gray ≈ RAL 7042		485.0	<a href="#">062MGRC74.2000</a>

**ROLLER TRACK AL R28**

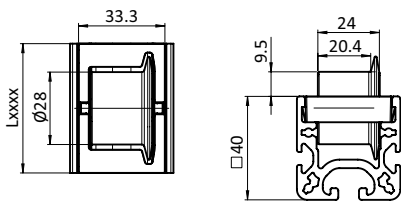
<b>MODEL</b>	Assembled ready for use
<b>DESCRIPTION</b>	Resilent and smooth running roller track AL R28, quickly replaceable
<b>MATERIAL</b>	Roller track profile AL: Aluminum Standard roller: Plastic PA, glass ball reinforced ESD electrostatical discharging roller: Plastic PA, carbon fiber reinforced Standard cage: Plastic PA, glass fiber reinforced ESD electrostatical discharging cage: Plastic PA, carbon fiber reinforced Axle: Steel
<b>SURFACE</b>	Roller track profile AL, standard version: Anodized Roller track profile AL, ESD electrostatical discharging version: Anodized and processed ESD electrostatical discharging Axle: Zinc plated
<b>COLOR</b>	Standard roller / cage: See table ESD electrostatical discharging roller / cage: See table
<b>PACK QUANTITY</b>	1 piece at 6000 mm; Cut min. 50 mm - max. 6000 mm
<b>SPECIALS</b>	Other materials, other colors, other lengths on request
<b>TIP</b>	Please note: You are ordering in meters!



Version	Color of Roller	ESD	Color of Cage	Max. Load [N]	Weight [g/m]	Profile	Part #
Without flange (axle distance 50 mm)	Black		Black	150	1665.0	I	<a href="#">6APR2891I.6000</a>
	Black		Black	150	1665.0	B	<a href="#">6APR2891B.6000</a>
	Black	ESD	Black	125	1605.0	B	<a href="#">6APR2891BESD.6000</a>

**ROLLER TRACK AL R28 WITH FLANGE**

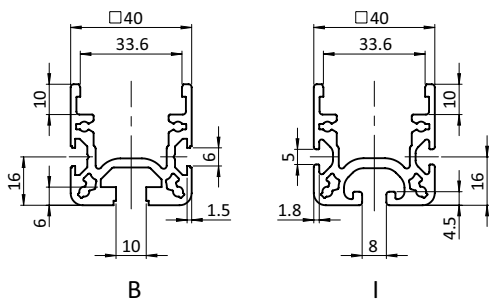
<b>MODEL</b>	Assembled ready for use
<b>DESCRIPTION</b>	Resilent and smooth running roller track AL R28, quickly replaceable, with flange as lateral guiding
<b>MATERIAL</b>	Roller track profile AL: Aluminum Standard roller: Plastic PA, glass ball reinforced ESD electrostatical discharging roller: Plastic PA, carbon fiber reinforced Standard cage: Plastic PA, glass fiber reinforced ESD electrostatical discharging cage: Plastic PA, carbon fiber reinforced Axle: Steel
<b>SURFACE</b>	Roller track profile AL, standard version: Anodized Roller track profile AL, ESD electrostatical discharging version: Anodized and processed ESD electrostatical discharging Axle: Zinc plated
<b>COLOR</b>	Standard roller / cage: See table ESD electrostatical discharging roller / cage: See table
<b>PACK QUANTITY</b>	1 piece at 6000 mm; Cut min. 50 mm - max. 6000 mm
<b>SPECIALS</b>	Other materials, other colors, other lengths on request
<b>TIP</b>	Please note: You are ordering in meters!



Version	ESD	Color of Roller	Color of Cage	Max. Load [N]	Weight [g/m]	Profile	Part #
With flange (axle distance 50 mm)		Black	Black	150	1725.0	I	<a href="#">6APR28F911.6000</a>

**ROLLER TRACK PROFILE AL**

<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	Rigid roller track profile AL which can be equipped with roller units, ball units, or slide rails; for easy assembly with the respective profile system slot I (slot 5/8) or B (6/10)
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Standard version: Anodized ESD electrostatical discharging version: Anodized, electrostatical discharging processed
<b>PACK QUANTITY</b>	1 piece at 6000 mm; Cut min. 50 mm - max. 6000 mm
<b>SPECIALS</b>	Other lengths on request
<b>TIP</b>	Please note: You are ordering in meters!



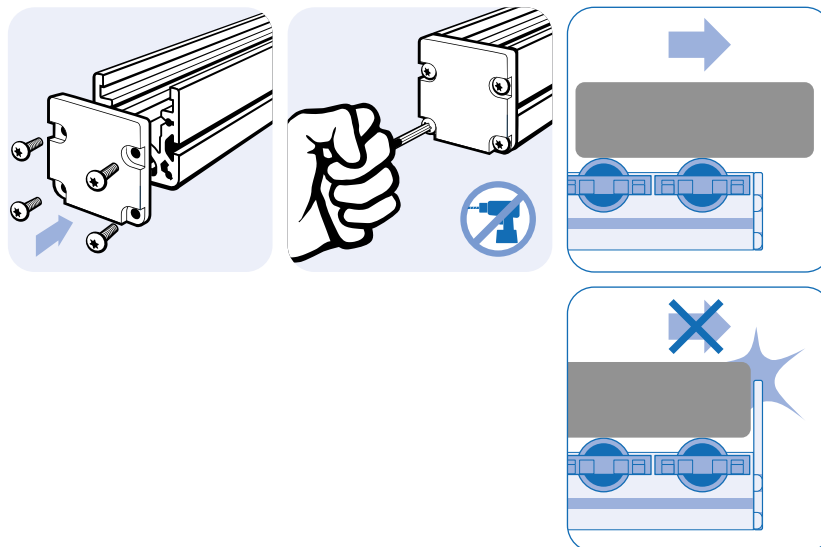
	ESD	Weight [g/m]	Profile	Part #
		1285.0	I	<a href="#">062API.6000</a>
		1285.0	B	<a href="#">062APB.6000</a>
ESD electrostatical discharging		1285.0	I	<a href="#">062APIESD.6000</a>
		1285.0	B	<a href="#">062APBESD.6000</a>

END PLATE AL

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	To close the end face of AL roller track profiles, preventing inserts from slipping out, additionally the long version has an end stop (optionally, a buffer stop can be added)
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET</b>	4 self-drilling screws DIN 7504 Form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Compatible Buffer Stop see 051DC553030FM08;

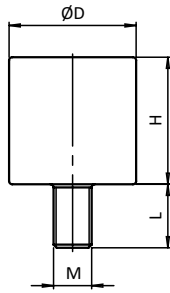


	Version	H [mm]	Weight [g]	Part #
	Without end stop	40	55.0	<b>062AT4040</b>
	With end stop	80	108.0	<b>062ATS4080</b>
	Without end stop, with assembly set	40	63.0	<b>062AT4040S01</b>
	With end stop, with assembly set	80	124.0	<b>062ATS4080S01</b>



**STOP BUFFER CYLINDRICAL M**

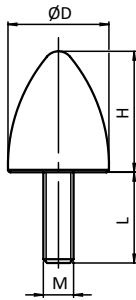
<b>MODEL</b>	With cylindrical shape
<b>DESCRIPTION</b>	End-position damping of doors, flaps and covers
<b>MATERIAL</b>	Buffer: Natural rubber (NR), ≈ 55 Shore A Threaded bolt: Steel
<b>SURFACE</b>	Threaded bolt: Zinc plated
<b>COLOR</b>	Buffer: Black
<b>PACK QUANTITY</b>	20 pieces



H [mm]	L [mm]	ØD [mm]	M	Weight [g]	Part #
15.0	10.0	20.0	M6	11.0	<a href="#">051DC551520MM0610</a>
20.0	10.0	20.0	M6	13.0	<a href="#">051DC552020MM0610</a>

**STOP BUFFER CONIC**

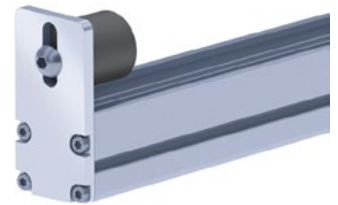
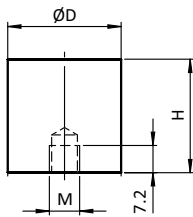
<b>MODEL</b>	With parabolic cross-section
<b>DESCRIPTION</b>	End-position damping of doors, flaps and covers
<b>MATERIAL</b>	Buffer: Natural rubber (NR), ≈ 55 Shore A Threaded bolt: Steel
<b>SURFACE</b>	Threaded bolt: Zinc plated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	20 pieces



H [mm]	L [mm]	Thread	ØD [mm]	Weight [g]	Part #
24.0	18.0	M6	20.0	12.5	<a href="#">051DKP552420MM0618</a>

**STOP BUFFER CYLINDRICAL F**

<b>MODEL</b>	With cylindrical shape, with internal thread
<b>DESCRIPTION</b>	End-position damping of doors, flaps, covers working pieces and goods
<b>MATERIAL</b>	Buffer: Rubber NBR, ≈ 55 Shore A Threaded insert: Steel
<b>SURFACE</b>	Threaded bolt: Zinc plated
<b>COLOR</b>	Buffer: Black
<b>PACK QUANTITY</b>	20 pieces
<b>TIP</b>	Compatible End Plate AL see 062AT4040;

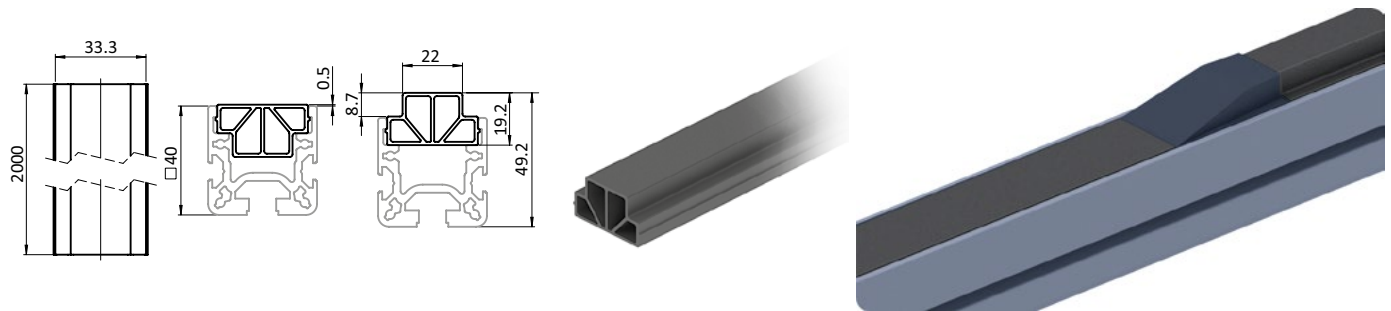


H [mm]	ØD [mm]	M	Weight [g]	Part #
30.0	30.0	M8	38.0	<b>051DC553030FM08</b>

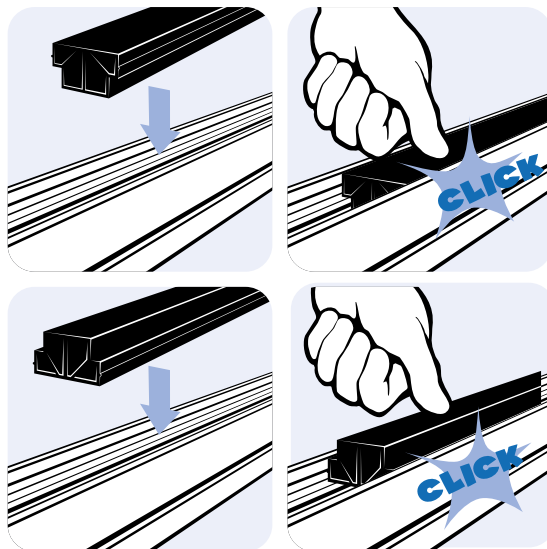


**SLIDE RAIL AL**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	Can be installed in two positions to provide different levels; low-wear slide rail for simple transport or for use on steep slopes, also suitable as cover profile and spacer between two ball and brush units
<b>MATERIAL</b>	Standard version: Plastics PE-HD ESD electrostatic discharging version: Plastics PE-HD, carbon fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	20 meters (10 pieces at 2 m)
<b>SPECIALS</b>	Other lengths, other colors on request

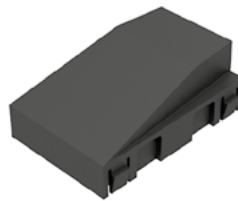
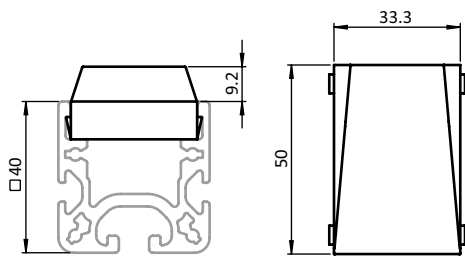


	ESD	Max. Load [N]	Weight [g/m]	Part #
		100	324.0	<a href="#">062AS91.2000</a>
	ESD	100	324.0	<a href="#">062AS91ESD.2000</a>

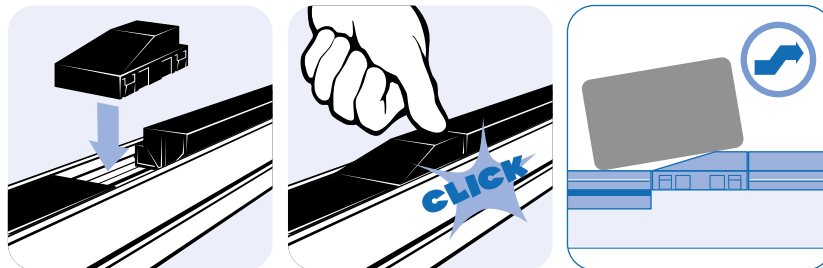


**TRANSITION RAMP AL**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	Provides a smooth transition between different levels; compatible with the slide rail AL but also with roller units, brush unit, and ball unit
<b>MATERIAL</b>	Standard transition ramp: Plastic PA, glass fiber reinforced ESD electrostatical discharging transition ramp: Plastic PA, carbon fibre reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other materials, other colors on request
<b>TIP</b>	Compatible Slide Rail AL see 062AS91ESD.2000;



ESD	Weight [g]	Part #
	15.0	<a href="#">062AER91.50</a>
ESD	13.0	<a href="#">062AER91ESD.50</a>



**ROLLER UNIT L50 R28**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A resilient and smooth roller unit R28 for roller tracks AL, optionally without or with flange as lateral guiding, completely preassembled
<b>MATERIAL</b>	Standard roller: Plastic PA, glass reinforced Standard cage: Plastic PA, glass fiber reinforced #b Electrostatical discharging roller and cage: Plastic PA, carbon fibre reinforced Axle: Steel
<b>SURFACE</b>	Axle: Zinc plated
<b>COLOR</b>	Roller: Black, yellow, red, green, gray Cage: Black, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Colored rollers in gray cage, other materials, other colors on request
<b>TIP</b>	Roller unit L50 R28 consisting of: - Roller R28, see 062RR2891; - Axle AL, see 62AXM; - Cage L50 for rollers R28, see 062ACR2891.50; - Compatible Brake R28 see 062RBR28E;

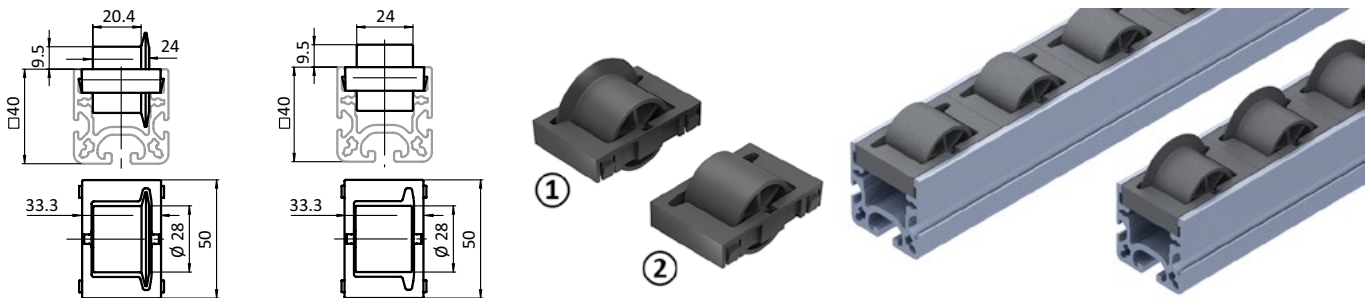
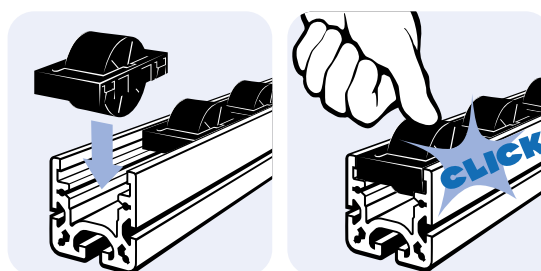
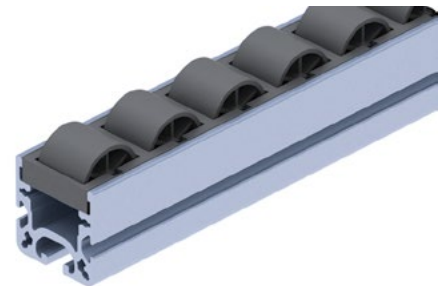
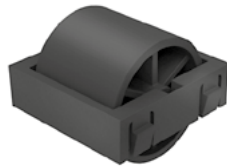
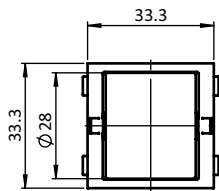
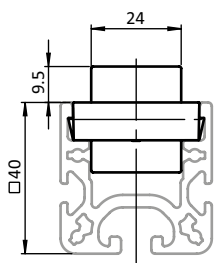


Fig.	Version	Color of Roller	ESD	Color of Cage	Max. Load [N]	Weight [g]	Part #
②	Without flange	Black		Black	150	19.0	<a href="#">062AER2891.50</a>
②	Without flange	Black	ESD	Black	125	16.5	<a href="#">062AER2891ESD.50</a>
②	Without flange	Yellow ≈ RAL 1003		Black	150	19.0	<a href="#">062AER2811.50</a>
②	Without flange	Red ≈ RAL 3020		Black	150	19.0	<a href="#">062AER2831.50</a>
②	Without flange	Green ≈ RAL 6032		Black	150	19.0	<a href="#">062AER2861.50</a>
②	Without flange	Gray ≈ RAL 7042		Gray ≈ RAL 7042	150	19.0	<a href="#">062AER2874.50</a>
①	With flange	Black		Black	150	20.0	<a href="#">062AER28F91.50</a>
①	With flange	Black	ESD	Black	125	17.5	<a href="#">062AER28F91ESD.50</a>
①	With flange	Yellow ≈ RAL 1003		Black	150	20.0	<a href="#">062AER28F11.50</a>
①	With flange	Red ≈ RAL 3020		Black	150	20.0	<a href="#">062AER28F31.50</a>
①	With flange	Green ≈ RAL 6032		Black	150	20.0	<a href="#">062AER28F61.50</a>
①	With flange	Gray ≈ RAL 7042		Gray ≈ RAL 7042	150	20.0	<a href="#">062AER28F74.50</a>

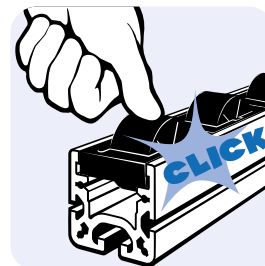
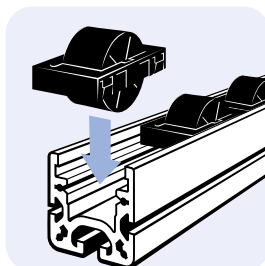


**ROLLER UNIT L33 R28**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A resilient and smooth roller unit R28 for roller tracks AL, reduced center distance due to cage L33, completely preassembled
<b>MATERIAL</b>	Standard roller: Plastic PA, glass reinforced Standard cage: Plastic PA, glass fiber reinforced #b Electrostatical discharging roller and cage: Plastic PA, carbon fibre reinforced Axle: Steel
<b>SURFACE</b>	Axle: Zinc plated
<b>COLOR</b>	Roller: Black, yellow, red, green, gray Cage: Black, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Colored rollers in gray cage, other materials, other colors on request
<b>TIP</b>	Roller unit L33 R28 consisting of: - Roller R28, see 062RR2891; - Axle AL, see 062AXM; - Cage L33 for rollers R28, see 062ACR2891.33;



ESD	Color of Roller	Color of Cage	Max. Load [N]	Weight [g]	Part #
	Black	Black	150	17.0	<a href="#">062AER2891.33</a>
ESD	Black	Black	125	15.0	<a href="#">062AER2891ESD.33</a>
	Yellow ≈ RAL 1003	Black	150	17.0	<a href="#">062AER2811.33</a>
	Red ≈ RAL 3020	Black	150	17.0	<a href="#">062AER2831.33</a>
	Green ≈ RAL 6032	Black	150	17.0	<a href="#">062AER2861.33</a>
	Gray ≈ RAL 7042	Gray ≈ RAL 7042	150	17.0	<a href="#">062AER2874.33</a>

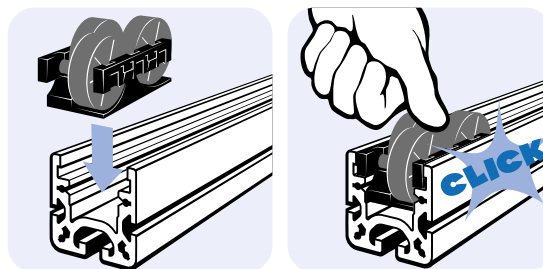


**ROLLER UNIT H26**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A resilient and smooth roller unit R28 for roller tracks AL, short center distance due to staggered roller layout, completely preassembled; the end piece provides a neat finish of the roller unit H26 at the end of the profile
<b>MATERIAL</b>	Standard roller: Plastic PA, glass reinforced Standard cage: Plastic PA, glass fiber reinforced #b Electrostatical discharging roller and cage: Plastic PA, carbon fibre reinforced Axle: Steel
<b>SURFACE</b>	Axle: Zinc plated
<b>COLOR</b>	Roller: Black, yellow, red, green, gray Cage: Black, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Colored rollers in gray cage, other materials, other colors on request
<b>TIP</b>	Roller unit H26 consisting of: - Roller R28, see 062RH2691; - Axle AL, see 062AXM - Cage for rollers H26, see 062ACH2691.50; Compatible Brake H26 see 062RBH26E;



Fig.	Version	ESD	Color of Roller	Color of Cage	Color of End Piece	Max. Load [N]	Weight [g]	Part #
①	Roller unit		Black	Black		150	35.0	<a href="#">062AEH2691.50</a>
①	Roller unit	ESD	Black	Black		125	30.4	<a href="#">062AEH2691ESD.50</a>
①	Roller unit		Yellow ≈ RAL 1003	Black		150	35.0	<a href="#">062AEH2611.50</a>
①	Roller unit		Red ≈ RAL 3020	Black		150	35.0	<a href="#">062AEH2631.50</a>
①	Roller unit		Green ≈ RAL 6032	Black		150	35.0	<a href="#">062AEH2661.50</a>
①	Roller unit		Gray ≈ RAL 7042	Gray ≈ RAL 7042		150	35.0	<a href="#">062AEH2674.50</a>
②	End piece				Black		5.0	<a href="#">062ACEH2691.10</a>
②	End piece	ESD			Black		4.0	<a href="#">062ACEH2691ESD.10</a>
②	End piece				Gray ≈ RAL 7042		5.0	<a href="#">062ACEH2674.10</a>

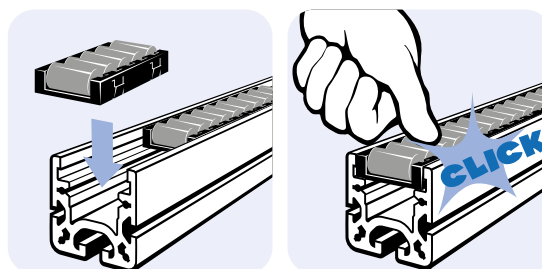


**ROLLER UNIT R9**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A compact roller unit R9 for roller tracks AL, very small center distance and maximum number of axles for minimum vibrations and reduced point load on the goods; completely preassembled
<b>MATERIAL</b>	Standard roller: Plastic PA, glass reinforced Standard cage: Plastic PA, glass fiber reinforced #b Electrostatical discharging roller and cage: Plastic PA, carbon fibre reinforced Axle: Steel
<b>SURFACE</b>	Axle: Zinc plated
<b>COLOR</b>	Roller: Black, yellow, red, green, gray Cage: Black, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Colored rollers in gray cage, other materials, other colors on request
<b>TIP</b>	Roller unit R9 consisting of: - Rollers R9, see 062RR991; - Axle AL, see 062AXM: - Cage for rollers R9, see 062ACR991.50;

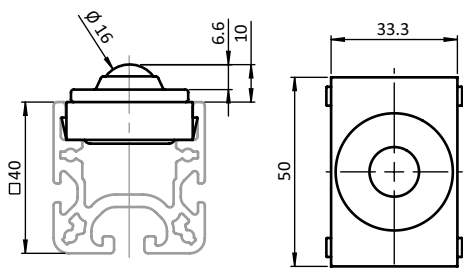


ESD	Color of Roller	Color of Cage	Max. Load [N]	Weight [g]	Part #
	Black	Black	100	30.0	<a href="#">062AER991.50</a>
ESD	Black	Black	80	28.0	<a href="#">062AER991ESD.50</a>
	Yellow ≈ RAL 1003	Black	100	30.0	<a href="#">062AER911.50</a>
	Red ≈ RAL 3020	Black	100	30.0	<a href="#">062AER931.50</a>
	Green ≈ RAL 6032	Black	100	30.0	<a href="#">062AER961.50</a>
	Gray ≈ RAL 7042	Gray ≈ RAL 7042	100	30.0	<a href="#">062AER974.50</a>

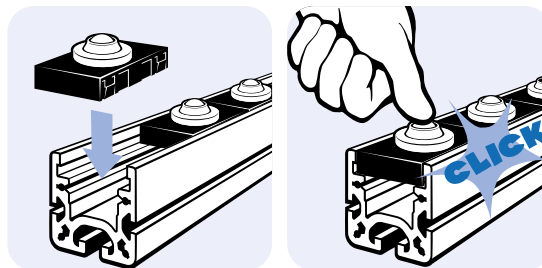


**BALL UNIT**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A preassembled ball unit for roller track profiles AL, with low-wear, low friction ball caster for flexible movements in two directions, for example at track switches and material locks
<b>MATERIAL</b>	Nut: Zinc plated steel Spring: Steel
<b>SURFACE</b>	Ball: Plain Ball housing: Chrome plated Housing Attachment Clip: Zinc plated
<b>COLOR</b>	Cage: Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other materials, other surfaces on request
<b>TIP</b>	Brush unit consisting of: – Ball insert, see 062AQ; – Cage for ball insert, see 062ACD2491ESD.50; Compatible Slide Rail AL see 062AS91ESD.2000;

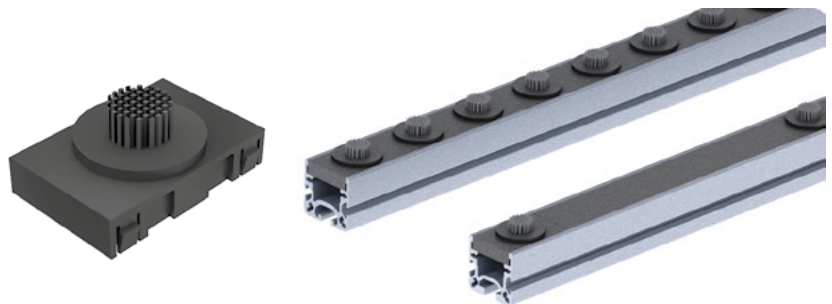
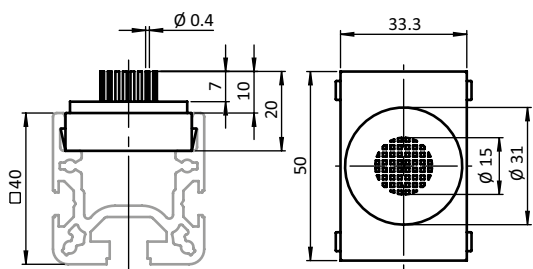


ESD	Weight [g]	Part #
ESD	71.0	062AEQ.50

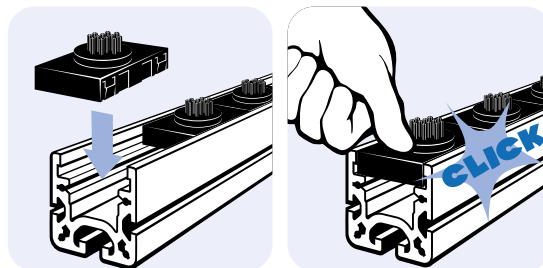


**BRUSH UNIT**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A preassembled brush unit for roller track profiles AL, with elastic brush fibers, allowing a gentle, material-protective sliding of scratch sensitive goods in two directions
<b>MATERIAL</b>	Fibers: Plastic PA, ESD electrostatical discharging Brush head: Plastic PP, ESD electrostatical discharging Cage: Plastic PA, carbon fibre reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other materials, other fibre heights on request
<b>TIP</b>	Brush unit consisting of: - Ball insert, see 062ABKESD; - Cage for ball insert, see 062ACD2491ESD.50; Compatible Slide Rail AL see 062AS91ESD.2000;



ESD	Weight [g]	Part #
ESD	14.0	<b>062AEB91ESD.50</b>





**ROLLER R28**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A resilient and smooth running roller for AL roller tracks, optionally without or with flange as lateral guiding, quickly replaceable
<b>MATERIAL</b>	Standard version: Plastic PA, glass ball reinforced ESD electrostatical discharging version: Plastic PA, carbon fiber reinforced
<b>COLOR</b>	Black, yellow, red, green, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other materials, other colors on request
<b>TIP</b>	Compatible Axle see 062AXM; Compatible Cage see 062ACR2891.50; Compatible Brake R 28 see 062RBR28E;

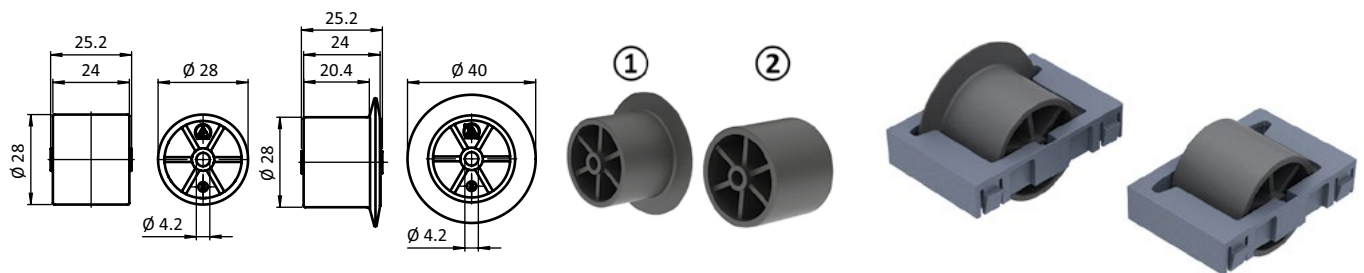
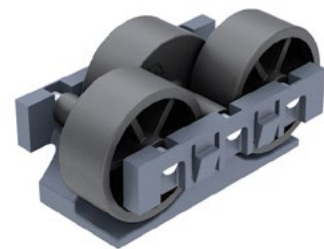
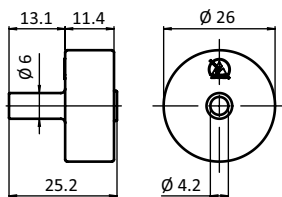


Fig.	Version	Color	ESD	Weight [g]	Part #
②	Without flange	Black		9.0	062RR2891
②	Without flange	Black	ESD	8.0	062RR2891ESD
②	Without flange	Yellow ≈ RAL 1003		9.0	062RR2811
②	Without flange	Red ≈ RAL 3020		9.0	062RR2831
②	Without flange	Green ≈ RAL 6032		9.0	062RR2861
②	Without flange	Gray ≈ RAL 7042		9.0	062RR2874
①	With flange	Black		10.0	062RR28F91
①	With flange	Black	ESD	9.0	062RR28F91ESD
①	With flange	Yellow ≈ RAL 1003		10.0	062RR28F11
①	With flange	Red ≈ RAL 3020		10.0	062RR28F31
①	With flange	Green ≈ RAL 6032		10.0	062RR28F61
①	With flange	Gray ≈ RAL 7042		10.0	062RR28F74

**ROLLER H26**

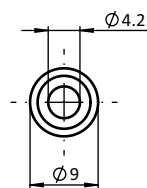
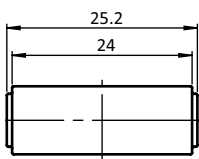
<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A resilient and smooth running half roller for roller tracks AL, short center distance due to staggered roller layout, quickly replaceable
<b>MATERIAL</b>	Standard version: # Plastic PA, glass ball reinforced ESD electrostatical discharging version: Plastic PA, carbon fibre reinforced
<b>COLOR</b>	Black, yellow, red, green, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other materials, other colors on request
<b>TIP</b>	Compatible Axle see 062AXM; Compatible Cage see 062ACH2691.50; Compatible Brake see 062RBH26E;



	Color	ESD	Weight [g]	Part #
	Black		5.0	<a href="#">062RH2691</a>
		ESD	4.0	<a href="#">062RH2691ESD</a>
	Yellow ≈ RAL 1003		5.0	<a href="#">062RH2611</a>
	Red ≈ RAL 3020		5.0	<a href="#">062RH2631</a>
	Green ≈ RAL 6032		5.0	<a href="#">062RH2661</a>
	Gray ≈ RAL 7042		5.0	<a href="#">062RH2674</a>

**ROLLER R9**

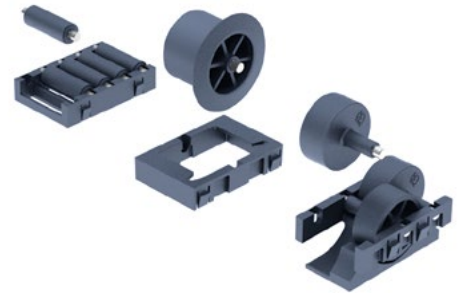
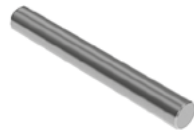
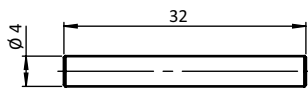
<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A compact roller for roller tracks AL, very small center distance and maximum number of axles for minimum vibrations and reduced point load on the goods, quickly replaceable
<b>MATERIAL</b>	Standard version: Plastic PA, glass ball reinforced ESD electrostatical discharging version: Plastic PA, carbon fiber reinforced
<b>COLOR</b>	Black, yellow, red, green, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other materials, other colors on request
<b>TIP</b>	Compatible Axle see 062AXM; Compatible Cage see 062ACR991.50;



	Color	ESD	Weight [g]	Part #
	Black		1.0	<b>062RR991</b>
		ESD	0.8	<b>062RR991ESD</b>
	Yellow ≈ RAL 1003		1.0	<b>062RR911</b>
	Red ≈ RAL 3020		1.0	<b>062RR931</b>
	Green ≈ RAL 6032		1.0	<b>062RR961</b>
	Gray ≈ RAL 7042		1.0	<b>062RR974</b>

**AXLE FOR AL ROLLER TRACKS**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	To insert roller R28, roller H26, or roller R9 into the suitable cages for roller tracks AL
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other materials, other surfaces on request
<b>TIP</b>	Compatible Rollers see 062RR2891, 062RH2691, 062RR991; Compatible Cages see 062ACR2891.50, 062ACH2691.50, 062ACR991.50;



ESD	Weight [g]	Part #
ESD	3.0	062AXM

**CAGE FOR ROLLERS R28**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A sturdy cage for roller track profiles AL, to support a roller R28 by means of an axle cage L50 also suitable for roller R28 with flange
<b>MATERIAL</b>	Standard version: Plastic PA, glass fibre reinforced ESD electrostatical discharging version: Plastic PA, carbon fibre reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other materials, other colors on request
<b>TIP</b>	Compatible Rollers see 062RR2891; Compatible Axle see 062AXM;

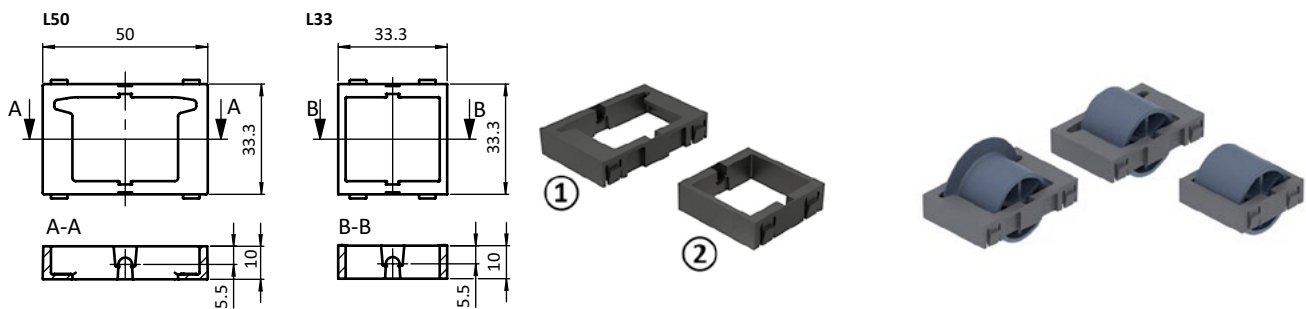


Fig.	Version	Color	ESD	Weight [g]	Part #
①	L50	Black		7.0	<a href="#">062ACR2891.50</a>
①	L50	Black	ESD	5.5	<a href="#">062ACR2891ESD.50</a>
①	L50	Gray ≈ RAL 7042		7.0	<a href="#">062ACR2874.50</a>
②	L33	Black		5.0	<a href="#">062ACR2891.33</a>
②	L33	Black	ESD	4.0	<a href="#">062ACR2891ESD.33</a>
②	L33	Gray ≈ RAL 7042		5.0	<a href="#">062ACR2874.33</a>

**CAGE FOR ROLLERS H26**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A sturdy cage for roller track profiles AL, to support 3 rollers H26 by means of axles; the end piece provides a neat finish at the end of the profile
<b>MATERIAL</b>	Standard version: Plastic PA, glass fibre reinforced ESD electrostatical discharging version: Plastic PA, carbon fibre reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other materials, other colors on request
<b>TIP</b>	Compatible Rollers see 062RR991; Compatible Axle see 062AXM

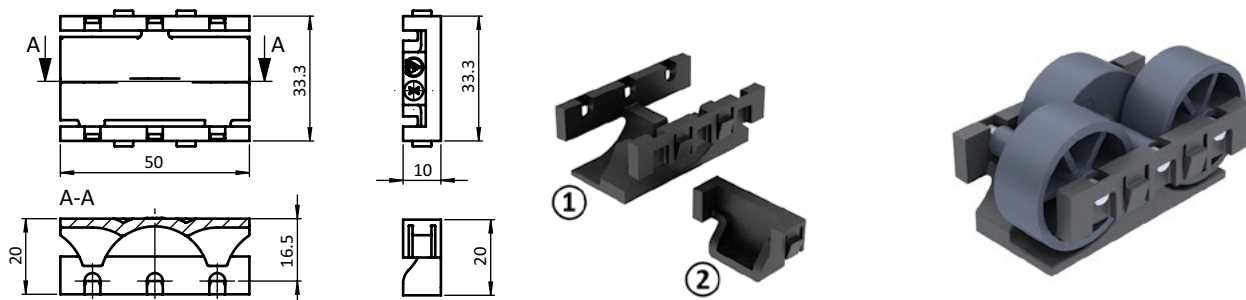
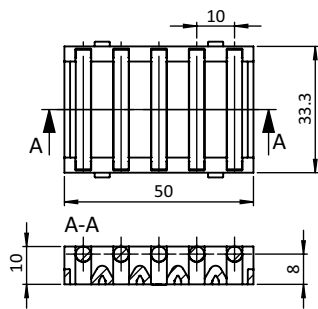


Fig.	Version	ESD	Color of Cage	Color of End Piece	Weight [g]	Part #
①	Cage		Black		11.0	<a href="#">062ACH2691.50</a>
①	Cage	ESD	Black		9.4	<a href="#">062ACH2691ESD.50</a>
①	Cage		Gray ≈ RAL 7042		11.0	<a href="#">062ACH2674.50</a>
②	End piece			Black	5.0	<a href="#">062ACEH2691.10</a>
②	End piece	ESD		Black	4.0	<a href="#">062ACEH2691ESD.10</a>
②	End piece			Gray ≈ RAL 7042	5.0	<a href="#">062ACEH2674.10</a>

**CAGE FOR ROLLERS R9**

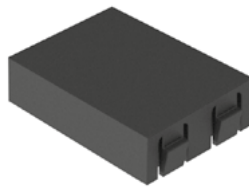
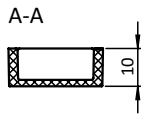
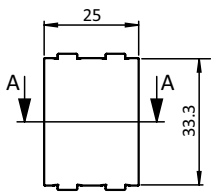
<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A sturdy cage for roller track profiles AL, to support 5 rollers R9 by means of axles
<b>MATERIAL</b>	Standard version: Plastic PA, glass fibre reinforced ESD electrostatical discharging version: Plastic PA, carbon fibre reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other materials, other colors on request
<b>TIP</b>	Compatible Rollers see 062RR991; Compatible Axle see 062AXM;



	Color	ESD	Weight [g]	Part #
	Black		10.0	<a href="#">062ACR991.50</a>
		ESD	9.0	<a href="#">062ACR991ESD.50</a>
	Gray ≈ RAL 7042		10.0	<a href="#">062ACR974.50</a>

**SPACER L25 FOR ROLLER CAGE AL**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	As spacer between roller, brush or ball units for example to build staggered formations; as well as to fill gaps, in case the length of the roller track profile AL does not match with a multiple of the length of the roller cages / elements
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other materials, other colors on request



**Weight [g]**

**Part #**

4.0

062ACS91.25



**BALL INSERT D24**

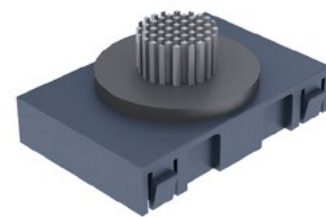
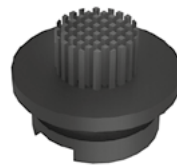
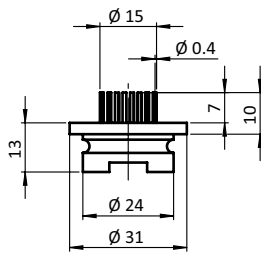
<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	Low-wear, low friction ball caster for flexible movements in two directions, for example at track switches and material locks; for roller tracks AL, can also be used in panels, e.g. on table tops; version with attachment clip prevents rotation of the ball housing
<b>MATERIAL</b>	Ball: Chrome Steel Ball housing: Steel#b Housing Attachment Clip: Steel
<b>SURFACE</b>	Ball: Plain Ball housing: Chrome plated Housing Attachment Clip: Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other materials, other surfaces on request
<b>TIP</b>	Compatible Cage for Ball / Bush Insert D24 see 062ACD2491ESD.50;



Fig.	Version	ESD	Max. Load [N]	Weight [g]	Part #
①			600	63.0	<b>062AQ</b>
②	With Housing Attachment Clip	ESD		43.0	<b>062AQS01</b>

**BRUSH INSERT D24**

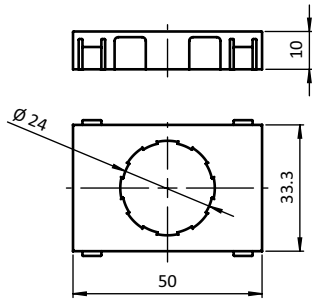
<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	With elastic brush fibers, allowing a gentle, material-protective sliding of scratch sensitive goods in two directions; for roller tracks AL, can also be used in panels,e.g. on table surfaces
<b>MATERIAL</b>	Fibers: Plastic PA, ESD electrostatical discharging Brush head: Plastic PP, ESD electrostatical discharging
<b>COLOR</b>	Fibers: Black Brush head: Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other materials, other fiber heights on request
<b>TIP</b>	Compatible Cage for Ball / Bush Insert D24 see 062ACD2491ESD.50;



ESD	Weight [g]	Part #
ESD	6.0	<b>062ABKESD</b>

**CAGE FOR BALL / BRUSH INSERT D24**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A sturdy cage for roller track profiles AL, to support a D24 ball or brush insert
<b>MATERIAL</b>	Plastic PA, carbon fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other materials, other colors on request
<b>TIP</b>	Compatible Ball Insert see 062AQ; Compatible Brush Insert see 062ABKESD;



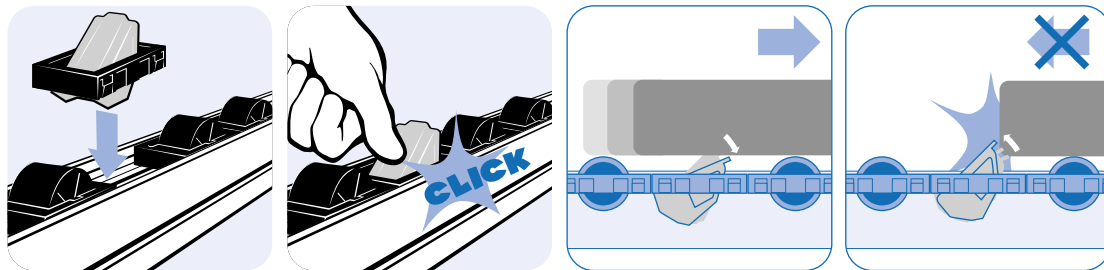
	ESD	Weight [g]	Part #
	ESD	8.0	<a href="#">062ACD2491ESD.50</a>

**BACKSTOP UNIT AL**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	A preassembled backstop unit for roller track profiles AL, prevents goods from moving backwards on the AL roller track profile
<b>MATERIAL</b>	Backstop: Steel Axle: Steel Cage: Plastic PA, carbon fiber reinforced
<b>SURFACE</b>	Backstop: Zinc plated Axle: Zinc plated
<b>COLOR</b>	Cage: Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other materials, other surfaces, other colors on request

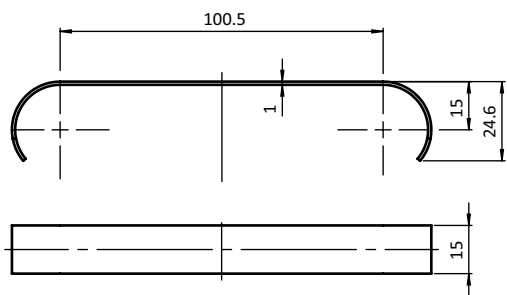


ESD	Weight [g]	Part #
ESD	44.0	062AEVMESD.50



**BRAKE R28**

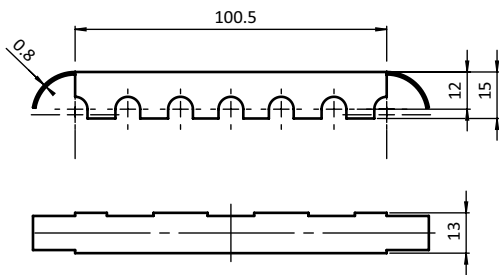
<b>MODEL</b>	For rollers R28 in roller tracks AL
<b>DESCRIPTION</b>	A clip-on for 3 rollers R28; brakes workpieces and goods, in particular heavier ones, smoothly to give them the correct operating speed
<b>MATERIAL</b>	Stainless steel
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other materials, other surfaces on request
<b>TIP</b>	Compatible Roller Element R28 see 062AER2891.50; Compatible Rollers R28 see 062RR2891;



ESD	Weight [g]	Part #
ESD	15.0	062RBR28E

**BRAKE H26**

<b>MODEL</b>	For rollers H26 in roller tracks AL
<b>DESCRIPTION</b>	A clip-on for 4 rollers H26; brakes workpieces and goods, in particular heavier ones, smoothly to give them the correct operating speed
<b>MATERIAL</b>	Stainless steel
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other materials, other surfaces on request
<b>TIP</b>	Compatible Roller Element see 062AER991.50; Compatible Rollers see 062RR991;



ESD	Weight [g]	Part #
ESD	18.0	<a href="#">062RBH26E</a>

**ROLLER ELEMENT, CLIP-FIX**

<b>MODEL</b>	Slot 8, 10
<b>DESCRIPTION</b>	For manufacturing roller conveyors in any width and length; Clip-Fix System provides for quick assembly without any need for tools
<b>MATERIAL</b>	Casing: Plastic PA, glass ball reinforced Rollers: Plastic POM
<b>COLOR</b>	Black
<b>MAX. LOAD</b>	100 N
<b>FASTENING</b>	Secure fastening through simply inserting into slot
<b>PACK QUANTITY</b>	10 pieces

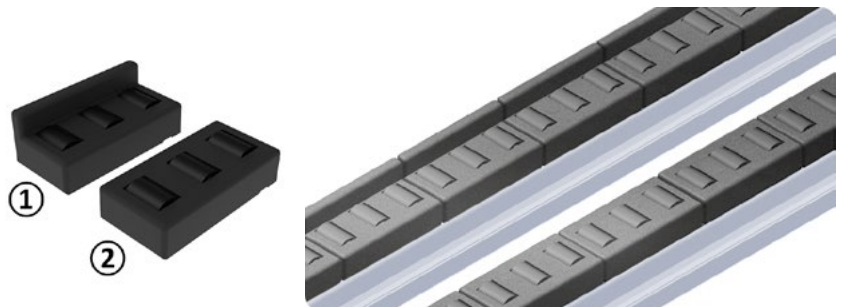
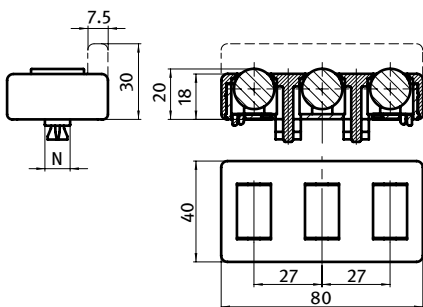
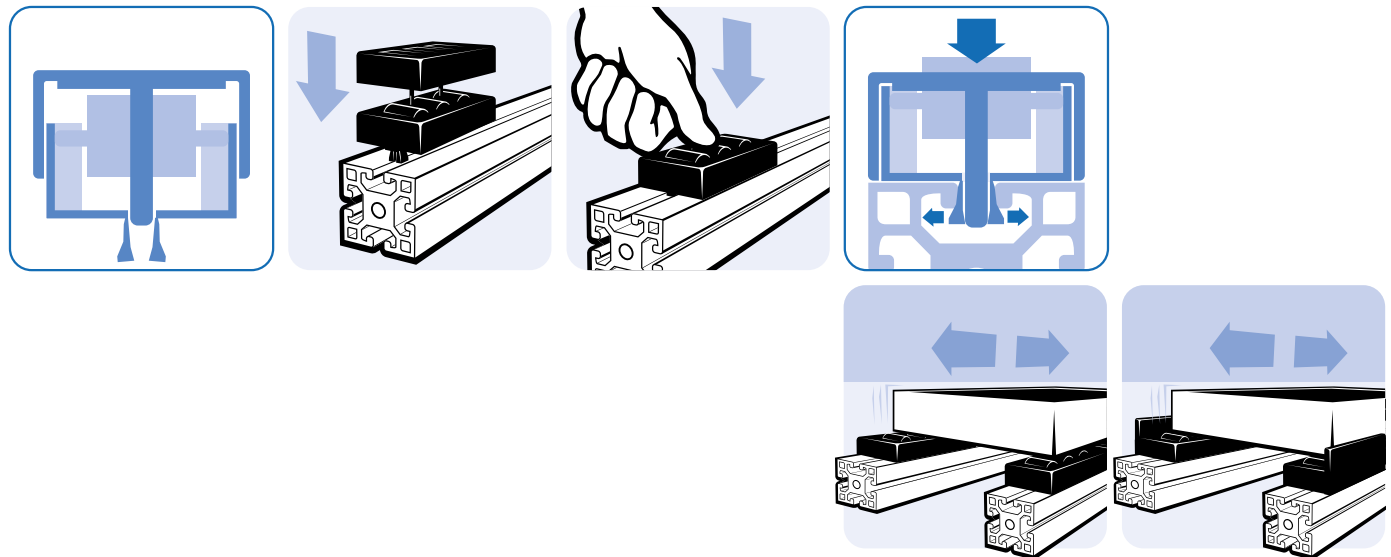


Fig.	Version	N	Weight [g]	Part #
②	Without lateral guide	8-10	43.3	09309301
①	With lateral guide	8-10	48.0	09309303



**ROLLER ELEMENT, SCREW-ON VERSION**

<b>MODEL</b>	Without slot, slot 8, slot 10
<b>DESCRIPTION</b>	For manufacturing roller conveyors in any width and length, incl. 2 Screws M5 x 25
<b>MATERIAL</b>	Casing: Plastic PA, glass ball reinforced Rollers: Plastic POM Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>COLOR</b>	Black
<b>MAX. LOAD</b>	100 N
<b>ASSEMBLY SET 1</b>	2 hammer nuts slot 8 - M5
<b>ASSEMBLY SET 2</b>	2 hammer nuts slot 10 - M5
<b>FASTENING</b>	With clamp hammer: To be fastened by screw-in or knock-in 2 screws M5 x 25 Without clamp hammer: Using 2 screws M5 x 25 and T-slot nuts or hammer nuts
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>TIP</b>	* ESD delivery of electrostatic discharging version without clamp hammer, to fasten with ESD electrostatic discharging hammer nuts or T-slot nuts

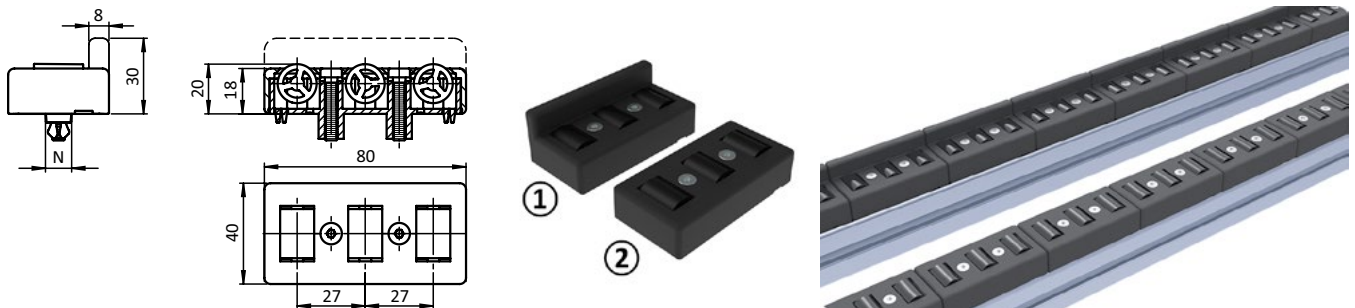
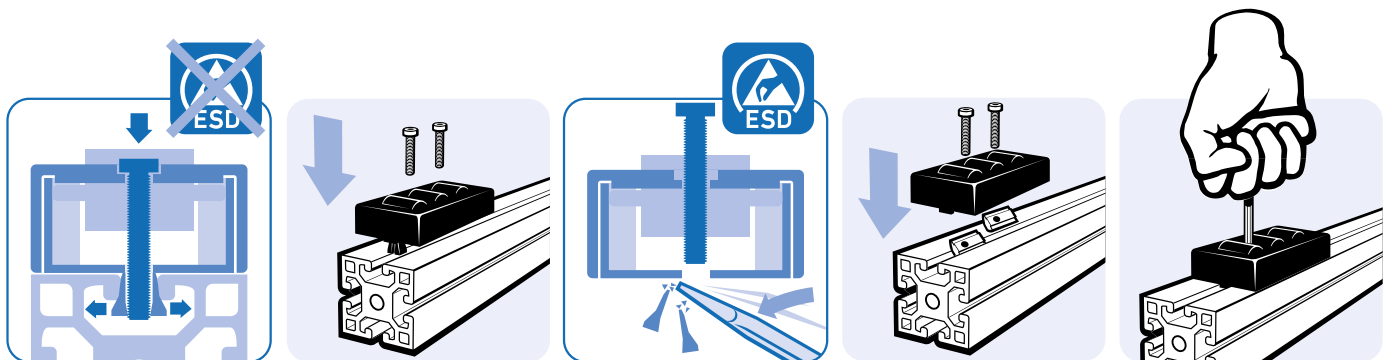


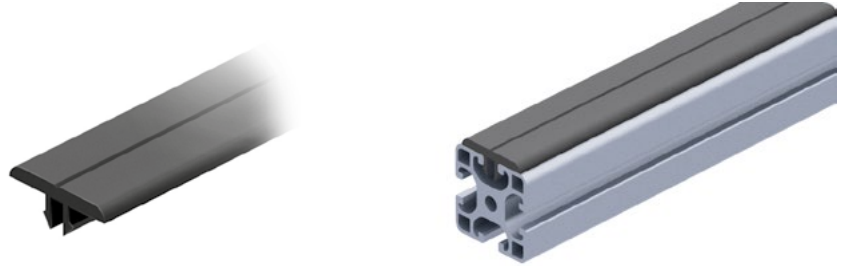
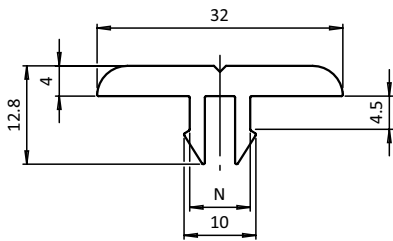
Fig.	Version	ESD	Assembly Set	N	Weight [g]	Profile	Part #
②	Without lateral guide			- / 8 / 10	53.0		<a href="#">09309302</a>
②	Without lateral guide	ESD electrostatical discharging		- / 8 / 10	54.5		<a href="#">09309302501</a>
②	Without lateral guide	ESD electrostatical discharging	With assembly set 1	8	62.0	I	<a href="#">09309302503</a>
②	Without lateral guide	ESD electrostatical discharging	With assembly set 2	10	70.0	B	<a href="#">09309302502</a>
①	With lateral guide			- / 8 / 10	59.0		<a href="#">09309304</a>
①	With lateral guide	ESD electrostatical discharging		- / 8 / 10	61.5		<a href="#">09309304501</a>
①	With lateral guide	ESD electrostatical discharging	With assembly set 1	8	69.0	I	<a href="#">09309304504</a>
①	With lateral guide	ESD electrostatical discharging	With assembly set 2	10	77.0	B	<a href="#">09309304503</a>





SLIDE RAIL I

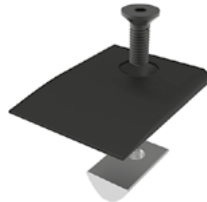
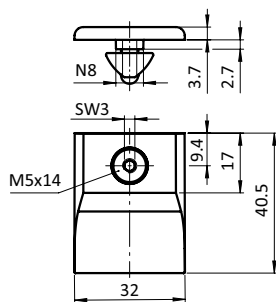
<b>MODEL</b>	Plastic HDPE, slot 8
<b>DESCRIPTION</b>	To easily move goods or carriers, or as a protection cover for sensitive material, used vertically also suitable as stop or guide bar; wear-resistant due to its low sliding friction
<b>MATERIAL</b>	Plastic HDPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	50 meters (25 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!



	ESD	N	Weight [g/m]	Profile	Part #
		8	131.0	I	<a href="#">092095</a>
	ESD electrostatical discharging	8	130.5	I	<a href="#">092095S01</a>

**TRANSITION RAMP I (SET)**

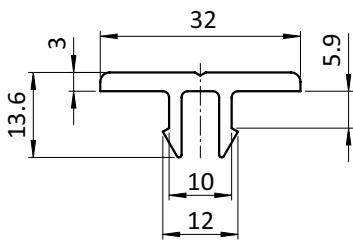
<b>MODEL</b>	For slide rail I
<b>DESCRIPTION</b>	Provides a smooth transition between aluminum profile and transition ramp I
<b>MATERIAL</b>	Transition ramp: Plastic PA, glass fiber reinforced Screw: Steel T-slot nut: Steel
<b>SURFACE</b>	Screw: Black T-slot nut: Zinc plated
<b>COLOR</b>	Transition ramp: Black
<b>SET</b>	1 Transition ramp, 1 Screw DIN 7991 - M5 x 14, 1 T-slot nut - slot 8 - M5
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Slide Rail I see 092095



Weight [g]	Profile	Part #
17.3	I	<a href="#">092346S01</a>

SLIDE RAIL B

<b>MODEL</b>	Plastic PE-UHMW, slot 10
<b>DESCRIPTION</b>	To easily move goods or carriers, or as a protection cover for sensitive material, used vertically also suitable as stop or guide bar; wear-resistant due to its low sliding friction
<b>MATERIAL</b>	Plastic PE-UHMW
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!



Slot	Weight [g/m]	Profile	Part #
10	122.0	B	092322

**ROLLER MOUNTING BLOCKS**

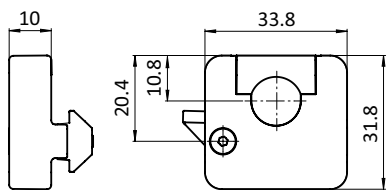
<b>MODEL</b>	Plastic PA, profile 30 and up
<b>DESCRIPTION</b>	To mount track rollers on aluminum profiles; individual rollers can be replaced without dismantling the entire system; can be used for slot 8 and slot 10 by simply turning it
<b>MATERIAL</b>	Standard version: Plastic PA, glass fibre reinforced ESD electrostatical discharging version: Plastic PA, carbon fibre reinforced
<b>SURFACE</b>	Assembly set: Zinc plated
<b>COLOR</b>	Roller Mounting Block: Black
<b>ASSEMBLY SET 1</b>	1 screw DIN 7984 - M6 x 12, 1 hammer nut M6 - slot 8
<b>ASSEMBLY SET 2</b>	1 screw DIN 7984 - M6 x 16, 1 hammer nut M6 - slot 10
<b>PACK QUANTITY</b>	100 pieces / 100 set
<b>SPECIALS</b>	Other colors on request



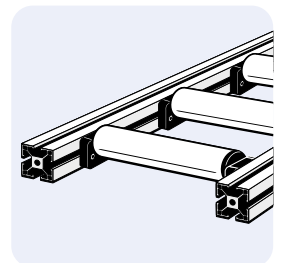
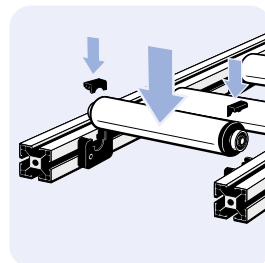
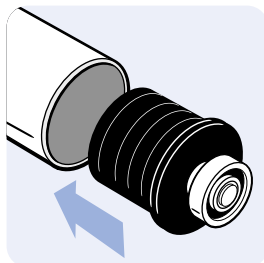
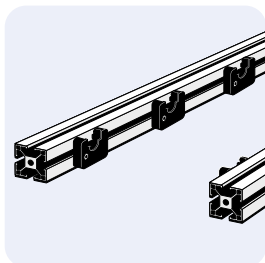
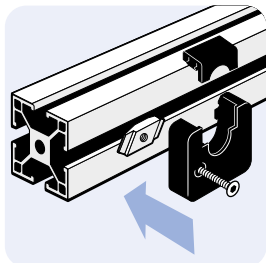
Version	ESD	Slot	Weight [g]	Part #
		8 / 10	8.2	<b>093200</b>
	ESD	8 / 10	7.1	<b>093200S01</b>
With assembly set 1		8	17.0	<b>093200S03</b>
With assembly set 2		10	22.0	<b>093200S04</b>

**BEARING BLOCK FOR SUPPORT ROLLER I D32 (SET)**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To engage the bearings of a support roller I D32, mounting sideways in the slot 8 of the aluminum profile
<b>MATERIAL</b>	Housing: Plastic PA, glass fiber reinforced Screw: Steel Rhombus nut: Zinc die-cast
<b>SURFACE</b>	Screw: Zinc plated Rhombus nut: Zinc plated
<b>COLOR</b>	Housing: Black
<b>SET</b>	2 Bearing blocks
<b>PACK QUANTITY</b>	1 set
<b>TIP</b>	Compatible Bearing for Support Roller I D32 see 062CIL11K

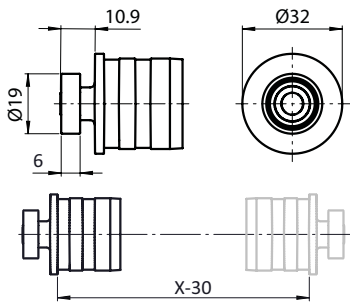


Slot	Weight [g]	Profile	Part #
8	30.0	I	062CIAK

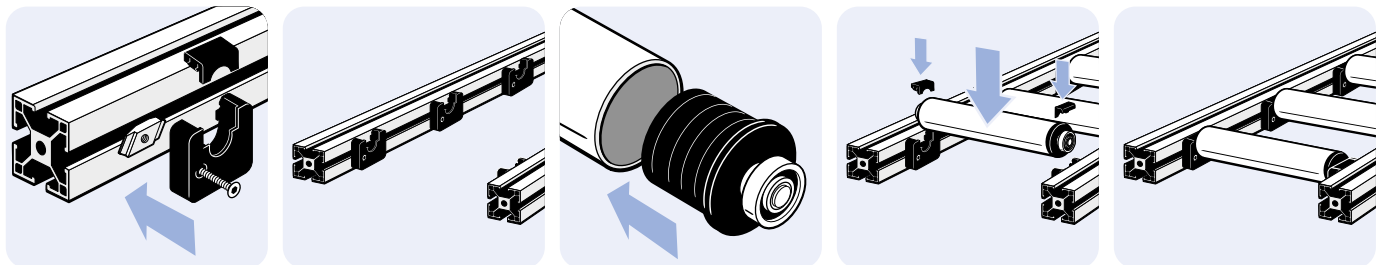


**BEARING FOR SUPPORT ROLLER I D32**

<b>MODEL</b>	With ball bearings
<b>DESCRIPTION</b>	To build a support roller from one piece of tube D32 made of aluminum or plastic; The lateral ball bearings are inserted in two bearing blocks on the aluminum profiles
<b>MATERIAL</b>	Housing: Plastic PA, glass fiber reinforced Ball bearings: Steel
<b>COLOR</b>	Housing: Black
<b>SET</b>	2 Bearings for support roller I D32
<b>PACK QUANTITY</b>	2 pieces
<b>TIP</b>	Compatible bearing block see 062CIAK

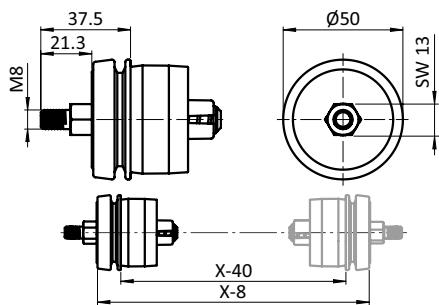


Weight [g]	Profile	Part #
20.4	I	062CIL11K



**BEARING FOR SUPPORT ROLLER I D50**

<b>MODEL</b>	Assembled ready for use
<b>DESCRIPTION</b>	To create a support roller I D50; ball beared, with circulating slot for 4 mm round belt drive; with spring-loaded fastening bolt for subsequent inserting
<b>MATERIAL</b>	Housing: Plastic PA, glass fiber reinforced Bolt: Steel Spring: Stainless steel Ball bearing: Steel
<b>SURFACE</b>	Bolt: Zinc plated
<b>COLOR</b>	Housing: Black
<b>PACK QUANTITY</b>	20 pieces

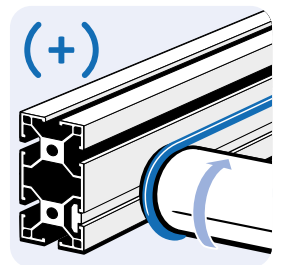
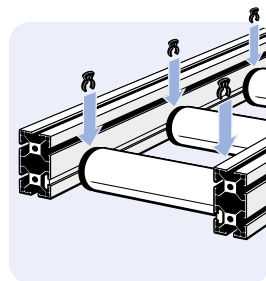
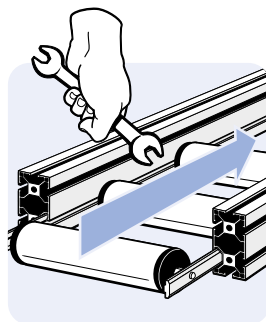
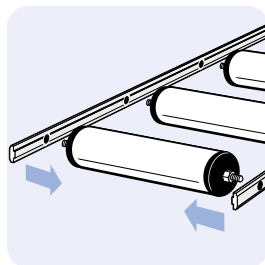
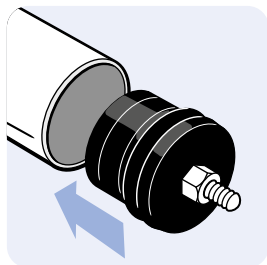


Weight [g]

Part #

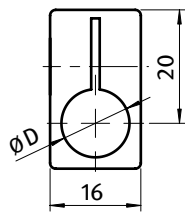
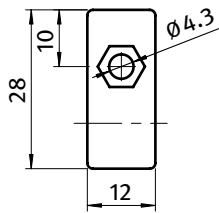
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062CIG08K.0020

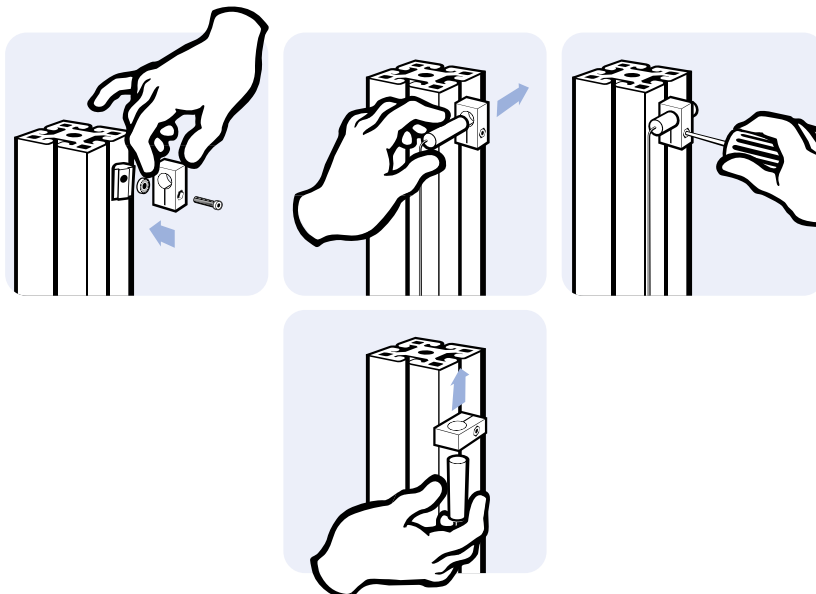


**SENSOR MOUNTING BLOCK 28 X 12 X 16**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To attach sensors to the aluminum profile in an adjustable position
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	When ordering, please mention the part # of the fastener as well as that of the sensor mounting block.



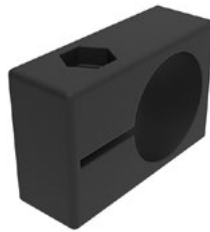
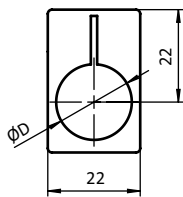
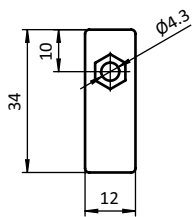
Version	Slot	ØD [mm]	Weight [g]	Part #
Sensor Mounting Block		6.5	5.0	<a href="#">093212</a>
		8.0	4.5	<a href="#">093213</a>
		12	4.0	<a href="#">093214</a>
Fastener	5		0.3	<a href="#">093215</a>
	6		0.3	<a href="#">093216</a>
	8		0.3	<a href="#">093217</a>
	10		0.5	<a href="#">093218</a>



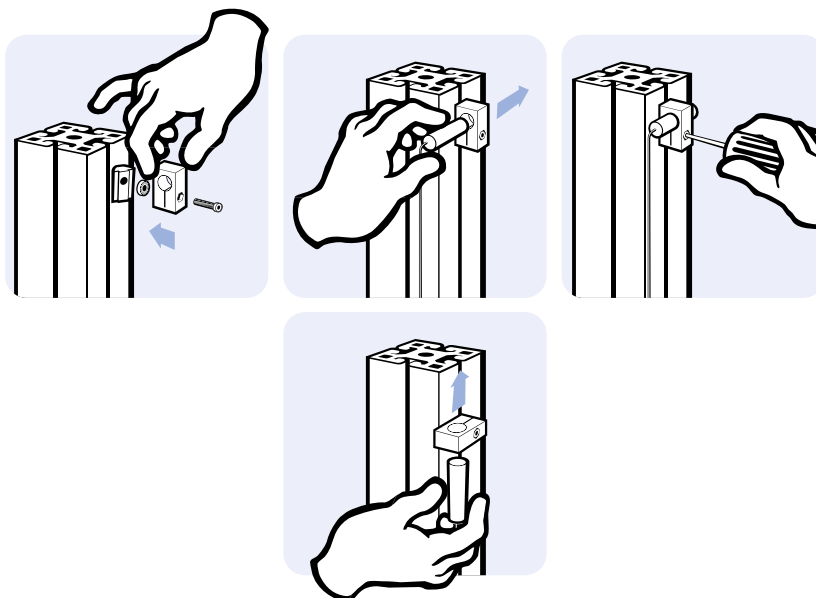


**SENSOR MOUNTING BLOCK 34 X 12 X 22, Ø 18**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To attach sensors to the aluminum profile in an adjustable position
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	When ordering, please mention the part # of the fastener as well as that of the sensor mounting block.

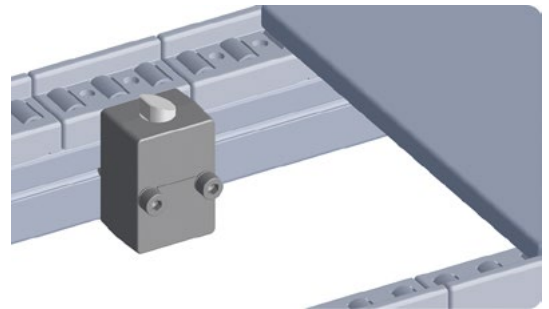
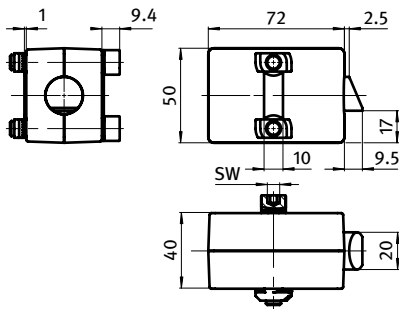


Version	Slot	ØD [mm]	Weight [g]	Part #
Sensorhalter		18.0	6.0	093219
Fastener	5		0.3	093215
	6		0.3	093216
	8		0.3	093217
	10		0.5	093218



**RETURN STOP (SET)**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	For preventing backwards movement of tool carrier
<b>MATERIAL</b>	Housing: Zinc die-cast Catch: Plastic PA / stainless steel / brass
<b>SURFACE</b>	Plain
<b>SET</b>	1 backstop, 2 hammer nuts slot 10 - M8, zinc-plated steel, 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 50, zincplated steel, 2 washers 8-FSt
<b>PACK QUANTITY</b>	1 set



	Version	Slot	Weight [g]	Part #
	Catch plastic PA	10	447.0	<a href="#">093100K</a>
	Catch brass	10	560.0	<a href="#">093100M</a>
	Catch stainless steel	10	560.0	<a href="#">093100E</a>

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**ENCLOSURES, GUARDS AND PARTITIONS**

**9**

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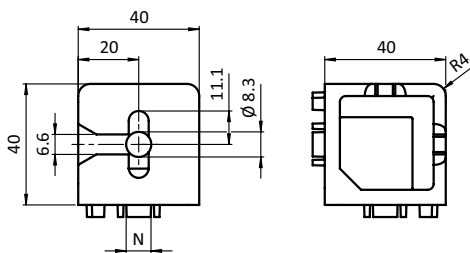
14

## ENCLOSURES, GUARDS AND PARTITIONS

	<b>CLAMP PROFILE CONNECTOR 40 (SET)</b>	<b>889</b>
	<b>MOUNTING FOR CLAMP PROFILE CONNECTOR 40 (SET)</b>	<b>890</b>
	<b>SAFETY HANGER 8/8 (SET)</b>	<b>891</b>
	<b>SUPENSION BRACKET (SET)</b>	<b>892</b>
	<b>SUPENSION BRACKET CS (SET)</b>	<b>893</b>
	<b>HANGER 6-8 (SET)</b>	<b>894</b>
	<b>WIRE MESH CLAMP</b>	<b>895</b>
	<b>WIRE MESH PANEL HOLDER (SET)</b>	<b>896</b>
	<b>WIRE MESH CLAMPING PLATE</b>	<b>897</b>

**CLAMP PROFILE CONNECTOR 40 (SET)**

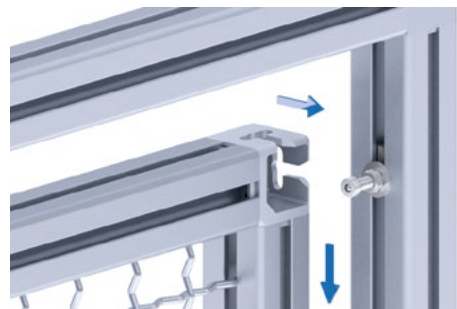
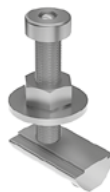
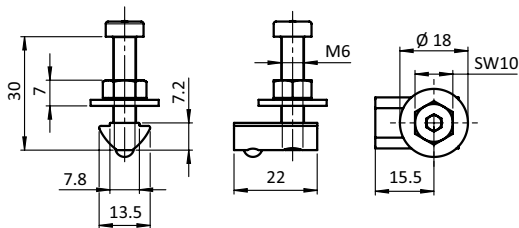
<b>MODEL</b>	Zinc die-cast, profile 40
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles and to attach a frame element to a frame structure by means of a suitable mounting; the upper mounting defines the position in the structure, by shifting the lower mounting afterwards the frame can be fixed and locked
<b>MATERIAL</b>	Clamp profile connector: Zinc die-cast Screws: Steel
<b>SURFACE</b>	Clamp profile connector: Powder coated Screws: Zinc plated
<b>COLOR</b>	Clamp profile connector: Alu color
<b>SET</b>	1 clamp profile connector, 2 screws DIN EN ISO 4762 (DIN 912) - M8 x 20
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Mounting for Clamp Profile Connector 40 (Set) see 093XWWC401N08



N	Weight [g]	Profile	Part #
8	201.0	I	093WWC401N08S01

**MOUNTING FOR CLAMP PROFILE CONNECTOR 40 (SET)**

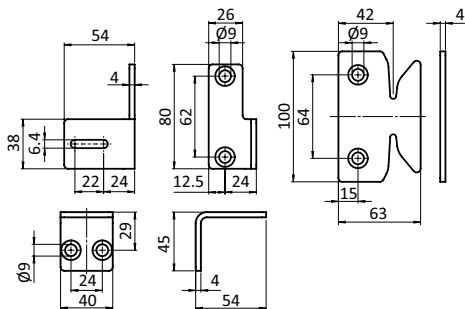
<b>MODEL</b>	Steel, slot 8
<b>DESCRIPTION</b>	To attach frame elements to a frame structure by means of clamp profile connectors 40; completely preassembled, for lateral insertion into the profile slot, fixation by means of a nut; the upper mounting defines the position in the structure, by shifting the lower mounting afterwards the frame can be fixed and locked; 12 mm gap between frame and structure, dimensional tolerances of +/- 3 mm can be compensated
<b>MATERIAL</b>	T-slot nut: Steel Shim: Steel Nut: Steel Screw: Steel Ball: Stainless steel
<b>SURFACE</b>	T-slot nut: Zinc plated Shim: Zinc plated Nut: Zinc plated Screw: Zinc plated Ball: Plain
<b>SET</b>	Mounting, completely preassembled: 1 T-slot nut - slot 8 - M6, 1 shim DIN 9021 - 6.4, 1 nut DIN 934 - M6, 1 screw DIN 7984 - M6 x 30, 1 ball Ø 4
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Clamp Profile Connector 40 (Set) see 093WWC401N08S01



Slot	Weight [g]	Profile	Part #
8	16.0	I	<b>093WWC401N08</b>

**SAFETY HANGER 8/8 (SET)**

<b>MODEL</b>	Steel, zinc plated, Slot 8
<b>DESCRIPTION</b>	To comfortably hang on protective frame panels, according to Machinery Directive 2006/42/EC; gap distance 12 - 26 mm
<b>MATERIAL</b>	Hanger: Steel Supporting hook: Steel Supporting angle: Steel Countersunk screws: Stainless steel T-slot nuts: Steel
<b>SURFACE</b>	Hanger: Zinc plated Supporting hook: Zinc plated Supporting angle: Zinc plated Countersunk screws: Plain T-slot nuts: Zinc plated
<b>SET</b>	2 hangers incl. calked safety fastening with pin, 2 supporting hooks, 2 supporting angles, 12 countersunk screws DIN 7991 - M8 x 16 - with pin, 12 T-slot nuts - slot 8 - M8
<b>PACK QUANTITY</b>	1 set



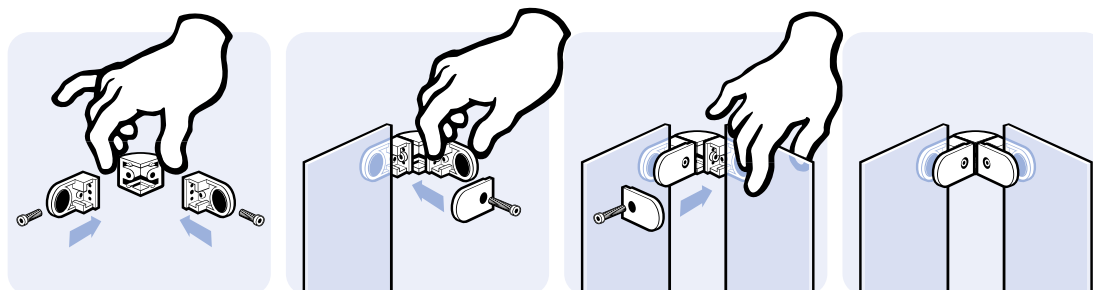
Slot	Weight [g]	Profile	Part #
8 / 8	845.0	I	<b>093WH400808</b>

**SUSPENSION BRACKET (SET)**

<b>MODEL</b>	Zinc die-cast, slot 10
<b>DESCRIPTION</b>	To attach a protective frame panel between two posts
<b>MATERIAL</b>	Suspension Bracket: Zinc die-cast, Assembly set: Steel
<b>SURFACE</b>	Suspension Bracket: Plain, Assembly set: Zinc plated
<b>SET</b>	4 suspension brackets, 4 flange nuts M8, 4 hammer head screws M8 x 20, 2 locking screws - Verbus Ripp B - M8 x 16, 2 knurled pins $\varnothing$ 8.6, for core hole
<b>PACK QUANTITY</b>	1 set



N	Weight [g]	Profile	Part #
10	106.0	B	<b>093WL201N10S01</b>



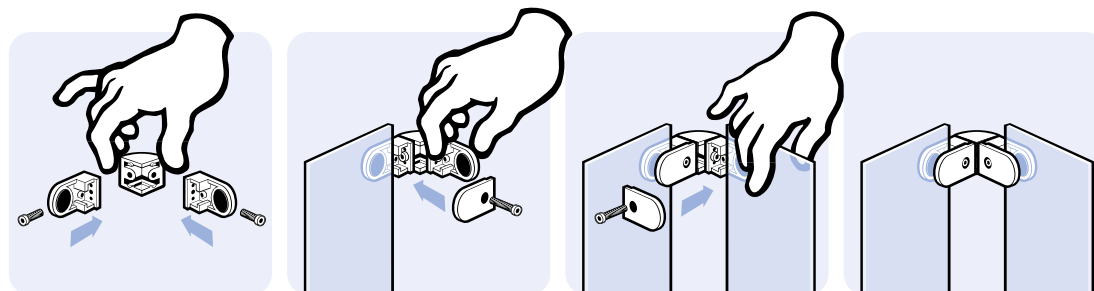


**SUSPENSION BRACKET CS (SET)**

<b>MODEL</b>	Zinc die-cast, slot 10
<b>DESCRIPTION</b>	To attach a protective frame panel between two posts, according to Machinery Directive 2006/42/EC
<b>MATERIAL</b>	Suspension Bracket: Zinc die-cast Assembly set: Steel Safety strap: Plastic PA Anti-loss washer: Plastic PA
<b>SURFACE</b>	Suspension Bracket: Plain, Assembly set: Zinc plated
<b>COLOR</b>	Safety strap: Black, Anti-loss washer: Natural
<b>SET</b>	2 suspension brackets, 2 suspension brackets cs pre-assembled, 2 knurled pins $\varnothing 8.6$ , for core hole, 2 locking screws - Verbus Ripp B - M8 x 25, 2 safety straps, 2 anti-loss washers, 4 hammer head screws M8 x 20, 4 flange nuts M8
<b>PACK QUANTITY</b>	1 set

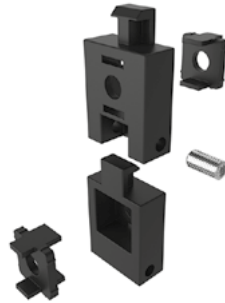
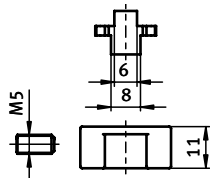
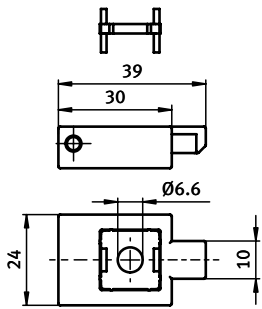


N	Weight [g]	Profile	Part #
10	207.0	B	093WL201N10S04

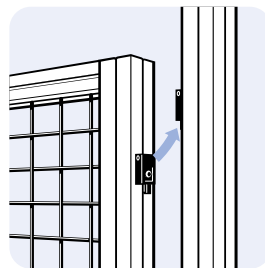
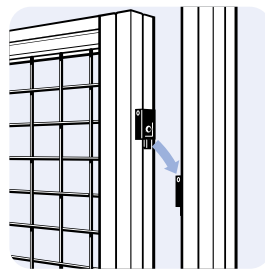
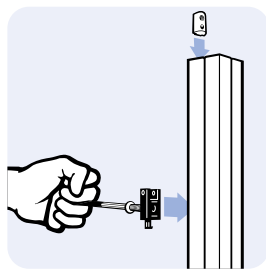
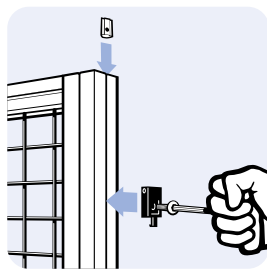
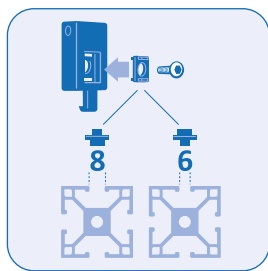


**HANGER 6-8 (SET)**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	For an extra sturdy fastening of panels to fencing posts
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces

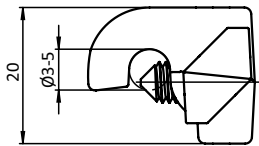
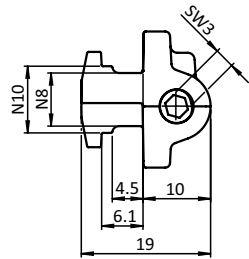


Slot	Weight [g]	Part #
6 / 8	70.0	093160



WIRE MESH CLAMP

<b>MODEL</b>	Zinc die-cast, slot 8, 10
<b>DESCRIPTION</b>	To fix protective wire mesh panels, clamping range 3 up to 5 mm (straight grate up to 5 mm, wave grate up to 4 mm), can be assembled on profiles with slot 8 and slot 10
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

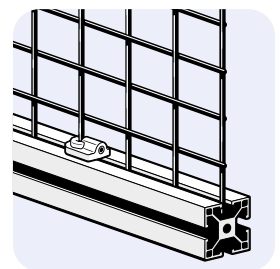
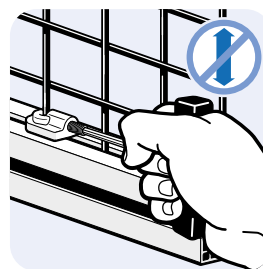
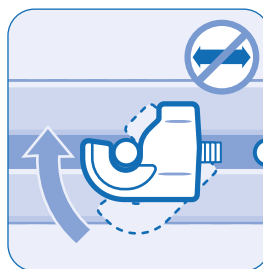
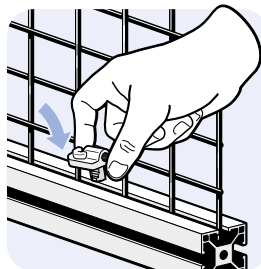
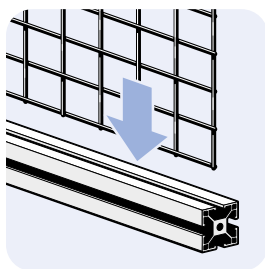


Weight [g]

Part #

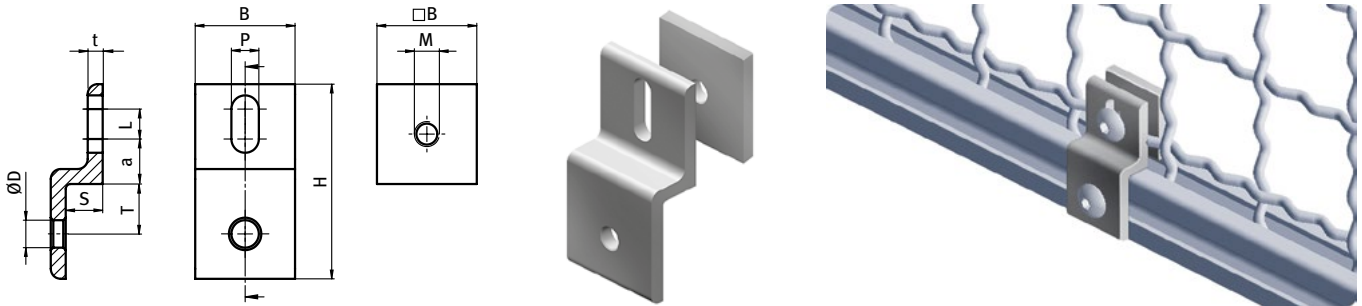
20.0

093CWM35N0810



**WIRE MESH PANEL HOLDER (SET)**

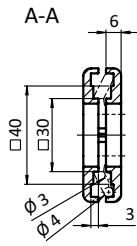
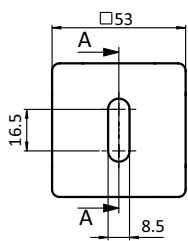
<b>MODEL</b>	Aluminum, with backing plate
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>SET 1</b>	1 wire mesh panel holder, 1 mounting plate
<b>PACK QUANTITY</b>	10 sets



B [mm]	H [mm]	L [mm]	T [mm]	a [mm]	for Profile	P/D [mm]	t [mm]	M	S [mm]	Weight [g]	Part #
20.0	39.0	6.0	10.0	9.0	20	5.5	3.0	M5	7.4	14.5	<a href="#">093P20LN</a>
30.0	68.0	10.0	15.0	17.0	30	9.0	6.0	M8	11.0	41.4	<a href="#">093P30LN</a>
40.0	78.0	13.5	20.0	17.5	40	9.0	6.0	M8	16.0	82.0	<a href="#">093P40LN</a>
45.0	88.0	18.0	22.5	17.5	45	9.0	6.0	M8	17.5	105.0	<a href="#">093P45LN</a>

**WIRE MESH CLAMPING PLATE**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To attach handles, warning signs or information boards to woven wire mesh 40 x 40 x 4 and 30 x 30 x 3, e.g. form the front with screw and from the back with flange nut and shim
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	* Please note: You need each two pieces 093048!



**Weight [g]**

**Part #**

14.0

**093048**



1

2

3

4

5

6

7

8

9

**PANEL FASTENERS**

**10**

11

12























13

14

## PANEL FASTENERS

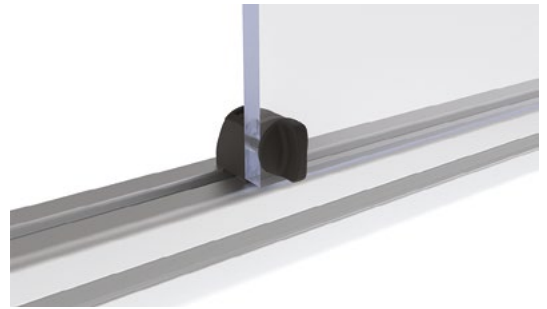
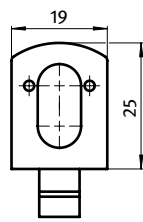
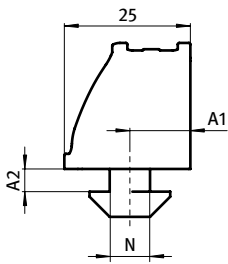
	QUICK BLOCK (SET)	902		FIXATION BLOCK 25, GRAY	920
	UNIBLOCK 14, BLACK	903		VARIO BLOCK 18 CS	921
	UNIBLOCK 14, GRAY	904		VARIO BLOCK 25 CS	922
	UNIBLOCK 18, BLACK	905		CLIP BLOCK 13, BLACK	923
	UNIBLOCK 18, GRAY	906		CLIP BLOCK 13, GRAY	924
	UNIBLOCK 18 CS, BLACK	907		CLIP BLOCK 14, BLACK	925
	UNIBLOCK 18 CS, GRAY	908		CLIP BLOCK 14, GRAY	926
	UNIBLOCK 25, BLACK	909		CLIP BLOCK 14 SL	927
	UNIBLOCK 25, GRAY	910		TOOL FOR CLIP BLOCK SL	928
	UNIBLOCK 25 CS, BLACK	911		VARIO CLAMPING BLOCK 18	929
	UNIBLOCK 25 CS, GRAY	912		VARIO CLAMPING BLOCK 25	930
	UNIBLOCK 25, TRANSPARENT COLORLESS	913		UNIBLOCK ZN 40 CS	931
	UNIBLOCK 26 CS (SET)	914		ANGLE BLOCK 40/45 (SET)	932
	UNIBLOCK 25 CLIP	915		STEEL CONNECTION ANGLE 45 / 60	933
	UNIBLOCK 25 EH	916		COVER AND REDUCTION PROFILE I SLOT 5	934
	FIXATION BLOCK 18, BLACK	917		COVER AND REDUCTION PROFILE B SLOT 6	935
	FIXATION BLOCK 18, GRAY	918		COVER AND REDUCTION PROFILE I SLOT 6	936
	FIXATION BLOCK 25, BLACK	919		COVER AND REDUCTION PROFILE I SLOT 8	937



	<b>COVER AND REDUCTION PROFILE B SLOT 8</b>	<b>938</b>		<b>CLAMPING SPRING FOR PROTECTIVE FENCE PROFILES 30 X 30 WG</b>	<b>956</b>
	<b>COVER AND REDUCTION PROFILE M45 SLOT 8</b>	<b>939</b>		<b>GLASS PANEL CLAMP (SET)</b>	<b>957</b>
	<b>REDUCTION PROFILE I SLOT 8 / 4 - 6 MM</b>	<b>940</b>		<b>CORNER CONNECTOR FOR GLASS PANEL CLAMP (SET)</b>	<b>958</b>
	<b>HOLDER PROFILE SLOT 8</b>	<b>941</b>		<b>PANEL HOLDER</b>	<b>959</b>
	<b>GLAZING STRIP FOR INSERT PROFILE I AL</b>	<b>942</b>			
	<b>COVER AND REDUCTION PROFILE B SLOT 10 FLAT</b>	<b>943</b>			
	<b>COVER AND REDUCTION PROFILE B SLOT 10 DEEP</b>	<b>944</b>			
	<b>REDUCTION PROFILE B SLOT 10 / 6 MM</b>	<b>945</b>			
	<b>HOLDER PROFILE SLOT 10</b>	<b>946</b>			
	<b>INSERT PROFILE AL</b>	<b>947</b>			
	<b>PLUG-IN PROFIL 1.9 / 3 - 2</b>	<b>948</b>			
	<b>PLUG-IN PROFIL 3.0 / 4 - 2</b>	<b>949</b>			
	<b>PLUG-IN PROFIL 4.7 / 4 - 2</b>	<b>950</b>			
	<b>PLUG-IN PROFIL 3.0 / 4 - 5</b>	<b>951</b>			
	<b>PLUG-IN PROFIL 4.2 / 6 - 4</b>	<b>952</b>			
	<b>PLUG-IN PROFIL 5.0 / 6 - 4</b>	<b>953</b>			
	<b>PLUG-IN PROFIL 6.9 / 6 - 4</b>	<b>954</b>			
	<b>CLAMPING SPRING FOR CLAMP PROFIL 18 X 32</b>	<b>955</b>			

**QUICK BLOCK (SET)**

<b>MODEL</b>	Plastic PA, Slot 8, 10
<b>DESCRIPTION</b>	To attach panels quickly 1- 12 mm to aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request

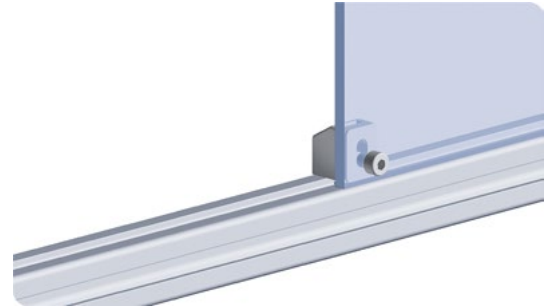
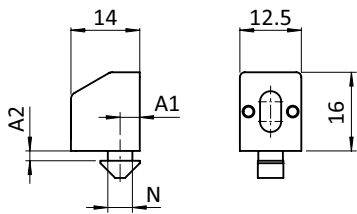


Version	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
Lockpin M	12.0	4.4 (4.5)	8	11.0	I	<a href="#">094700</a>
	8.5	5.7 (6.0)	10	12	B	<a href="#">094701</a>
	7.0	1.9 (2.2)	8	11.0	B	<a href="#">094707</a>

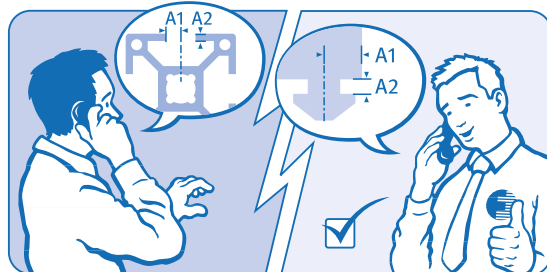
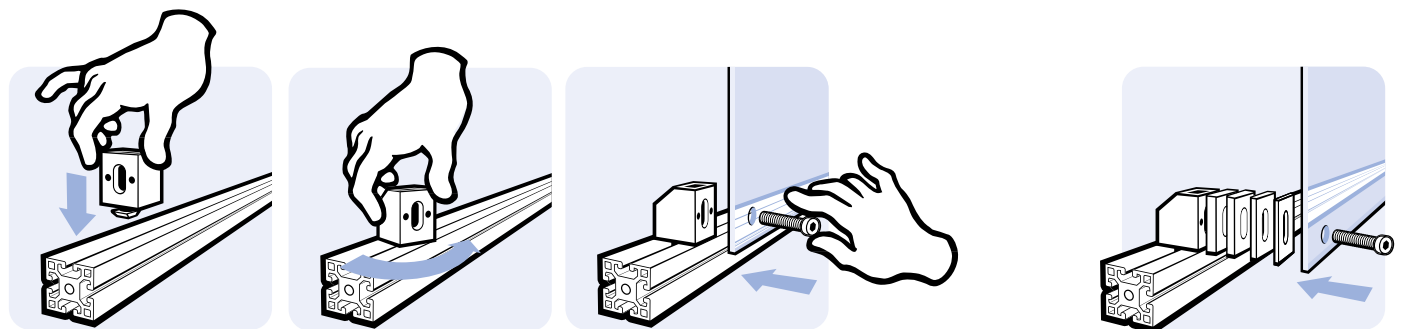


**UNIBLOCK 14, BLACK**

<b>MODEL</b>	Plastic PA, Slot 5
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!

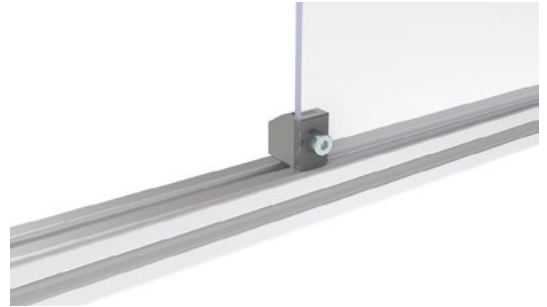
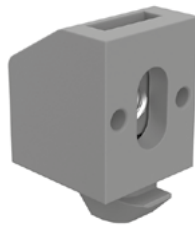
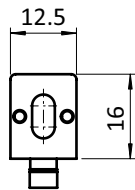
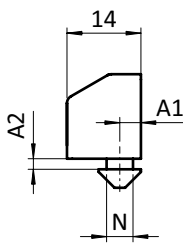


Version	D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		M4	4.0	1.6 (1.8)	5	2.6	I	<b>094411M4</b>
Spacer	*1.0					0.5		<b>094901</b>
	*2.0					0.8		<b>094902</b>
	3.0					1.3		<b>094903</b>
	4.0					1.8		<b>094904</b>

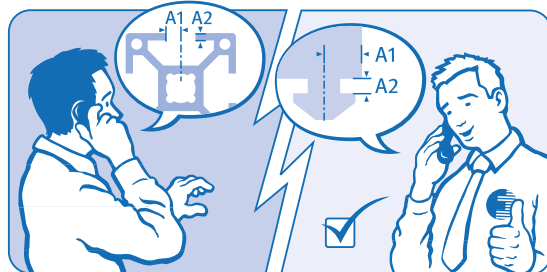
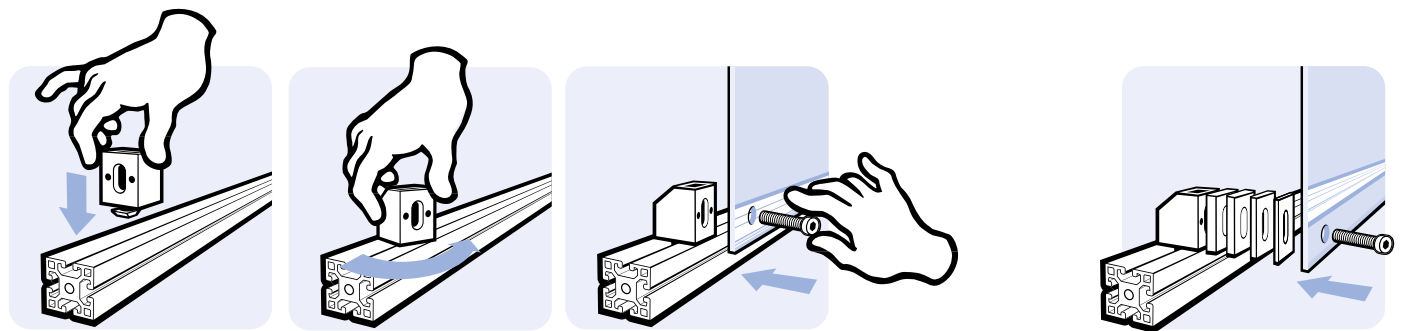


**UNIBLOCK 14, GRAY**

<b>MODEL</b>	Plastic PA, Slot 5
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!



Version	D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		M4	4.0	1.6 (1.8)	5	2.6	I	<b>094411M4S03</b>
Spacer	*1.0					1.0		<b>094901S03</b>
	*2.0					1.2		<b>094902S03</b>
	3.0					1.5		<b>094903S03</b>
	4.0					1.8		<b>094904S03</b>

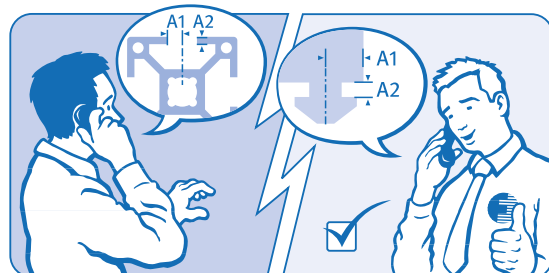
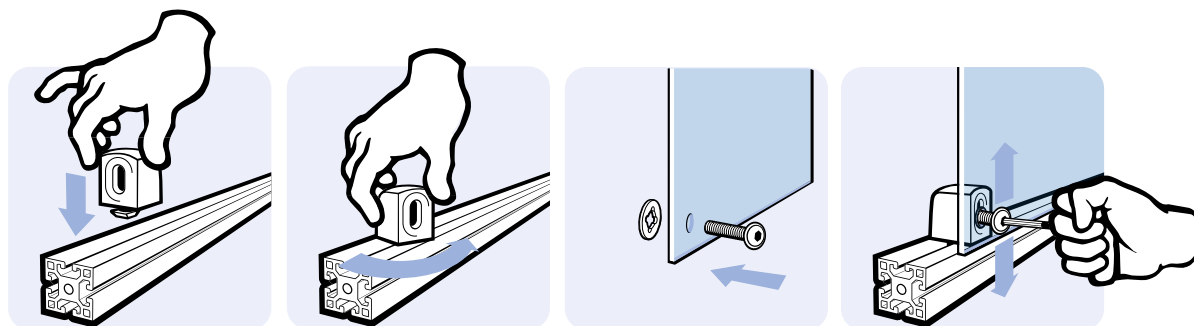


**UNIBLOCK 18, BLACK**

<b>MODEL</b>	Plastic PA, slot 6, 8, 10, 12
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!

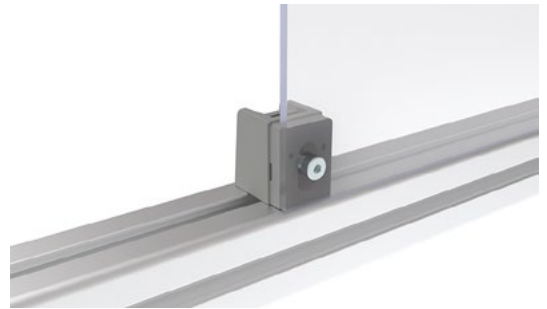
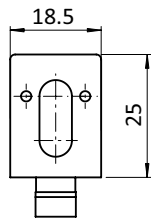
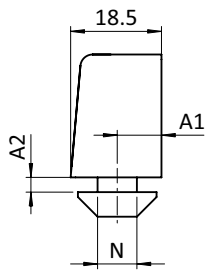


Version	D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		M4	7.0	2.7 (3.0)	6	8.0	I	094100M4
		M5	7.0	2.7 (3.0)	6	8.1	I	094100M5
		M6	7.0	2.7 (3.0)	6	8.2	I	094100M6
		M4	7.0	1.9 (2.2)	8	8.3	B	094002M4
		M5	7.0	1.9 (2.2)	8	8.4	B	094002M5
		M6	7.0	1.9 (2.2)	8	8.6	B	094002M6
Spacer CS	*2.0					0.8		094102CS
	3.0					1.3		094103CS
	5.0					1.9		094105CS

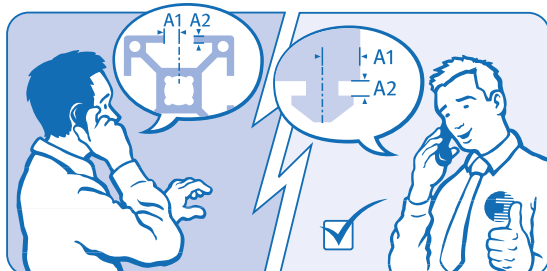
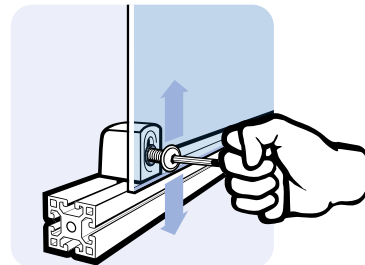
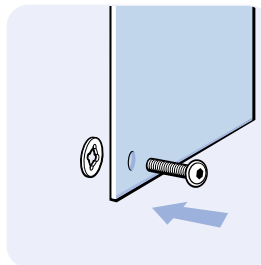
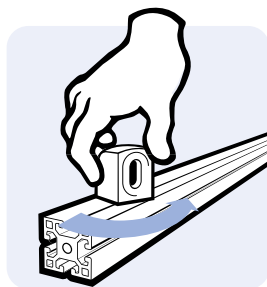
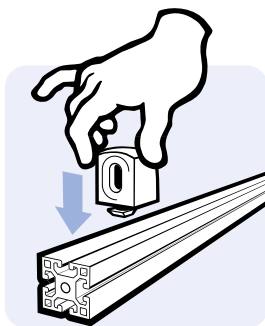


**UNIBLOCK 18, GRAY**

<b>MODEL</b>	Plastic PA, slot 6, 8, 10, 12
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!

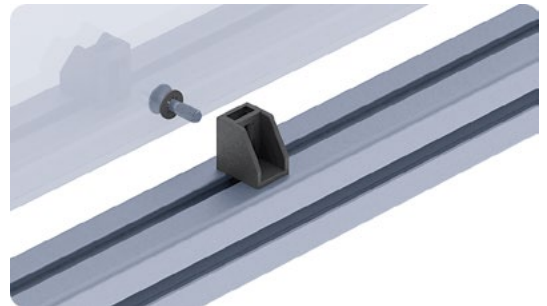
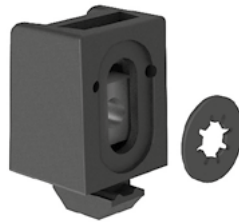
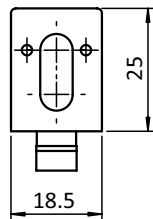
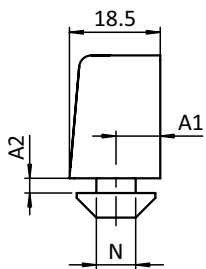


Version	Color	D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
	Gray ≈ RAL 7042		M4	7.0	2.7 (3.0)	6	8.0	I	<a href="#">094100M4S01</a>
	Gray ≈ RAL 7042		M5	7.0	2.7 (3.0)	6	8.1	I	<a href="#">094100M5S01</a>
	Gray ≈ RAL 7042		M6	7.0	2.7 (3.0)	6	8.2	I	<a href="#">094100M6S02</a>
	Gray ≈ RAL 7004		M4	7.0	1.9 (2.2)	8	8.3	B	<a href="#">094002M4S01</a>
	Gray ≈ RAL 7004		M5	7.0	1.9 (2.2)	8	8.4	B	<a href="#">094002M5S02</a>
	Gray ≈ RAL 7004		M6	7.0	1.9 (2.2)	8	8.6	B	<a href="#">094002M6S06</a>
Spacer CS	Gray ≈ RAL 7042	*2.0					0.8		<a href="#">094102CSS03</a>
	Gray ≈ RAL 7042	3.0					1.0		<a href="#">094103CSS04</a>
	Gray ≈ RAL 7042	5.0					1.9		<a href="#">094105CSS03</a>
	Gray ≈ RAL 7004	*2.0					0.8		<a href="#">094102CSS10</a>
	Gray ≈ RAL 7004	3.0					1.0		<a href="#">094103CSS12</a>
	Gray ≈ RAL 7004	5.0					1.9		<a href="#">094105CSS12</a>

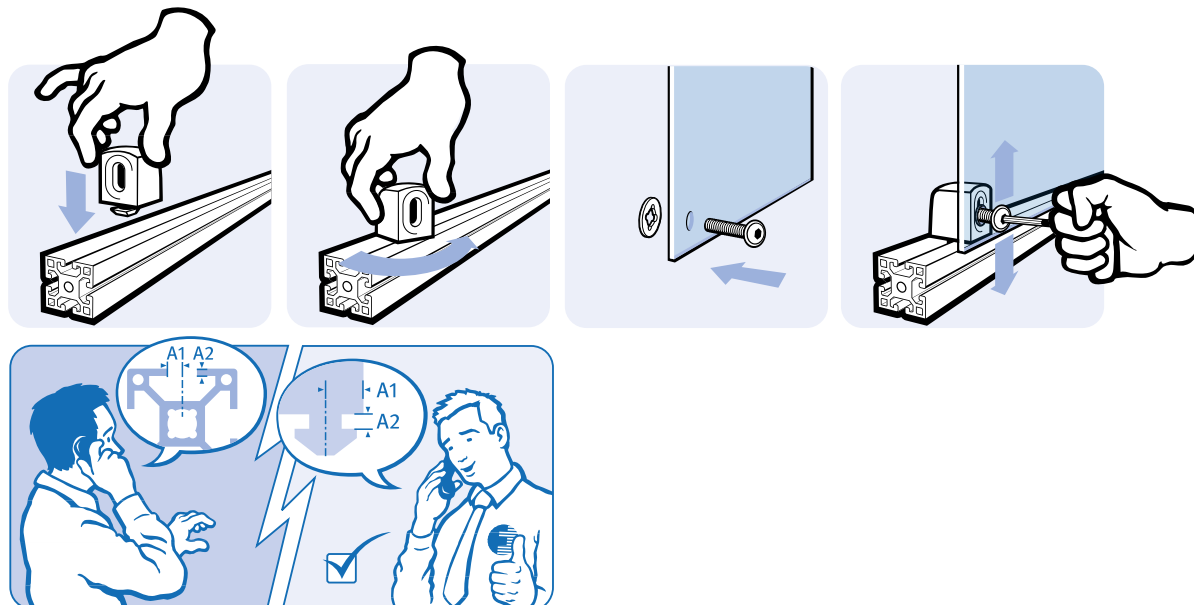


**UNIBLOCK 18 CS, BLACK**

<b>MODEL</b>	With screw retainer
<b>DESCRIPTION</b>	To attach panels safely to aluminum profiles; with screw retainer to comply with Machinery Directive 2006/42/EC
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!

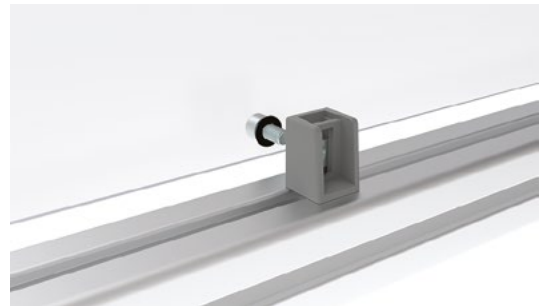
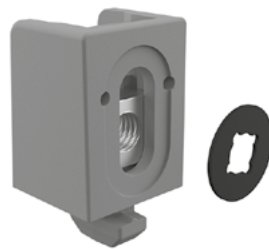
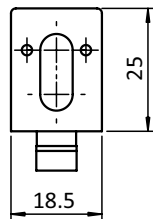
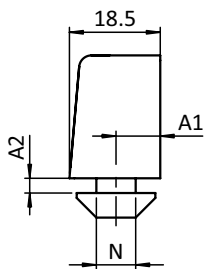


Version	D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		M6	7.0	2.7 (3.0)	6	9.0	I	<a href="#">094100CSM6</a>
		M6	7.0	1.9 (2.2)	8	8.5	B	<a href="#">094002CSM6</a>
Spacer CS	*2.0					0.8		<a href="#">094102CS</a>
	3.0					1.3		<a href="#">094103CS</a>
	5.0					1.9		<a href="#">094105CS</a>

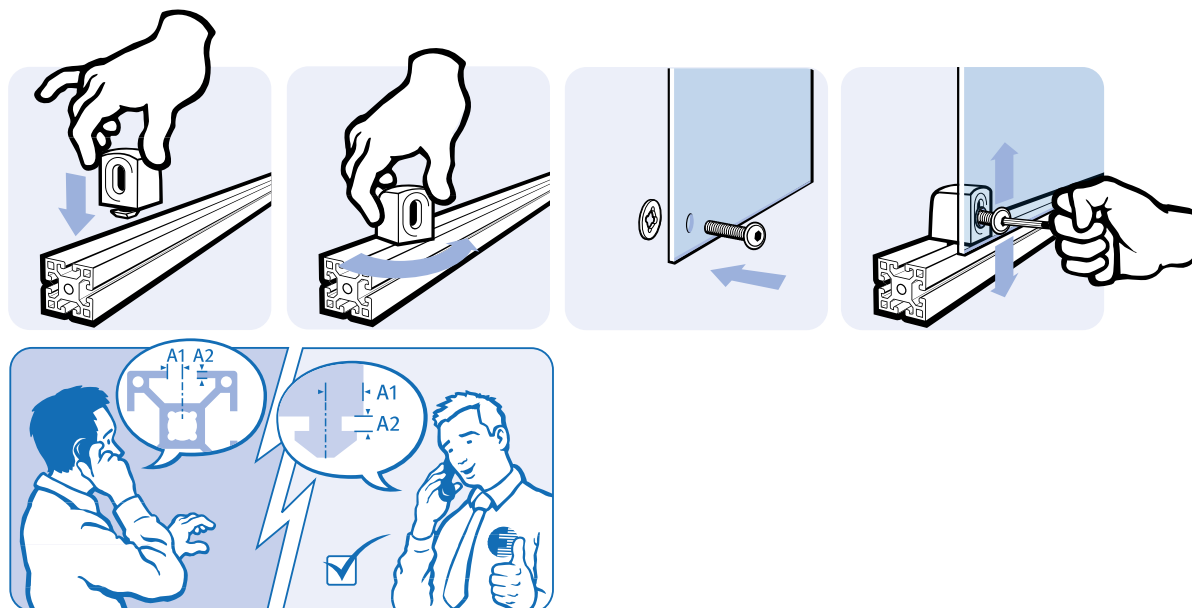


**UNIBLOCK 18 CS, GRAY**

<b>MODEL</b>	With screw retainer
<b>DESCRIPTION</b>	To attach panels safely to aluminum profiles; with screw retainer to comply with Machinery Directive 2006/42/EC
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!



Version	Color	D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
	Gray ≈ RAL 7042		M6	7.0	2.7 (3.0)	6	9.0	I	<a href="#">094100CSM6S01</a>
	Gray ≈ RAL 7004		M6	7.0	1.9 (2.2)	8	8.5	B	<a href="#">094002CSM6S01</a>
Spacer CS	Gray ≈ RAL 7042	*2.0					0.8		<a href="#">094102CSS03</a>
	Gray ≈ RAL 7042	3.0					1.0		<a href="#">094103CSS04</a>
	Gray ≈ RAL 7042	5.0					1.9		<a href="#">094105CSS03</a>
	Gray ≈ RAL 7004	*2.0					0.8		<a href="#">094102CSS10</a>
	Gray ≈ RAL 7004	3.0					1.0		<a href="#">094103CSS12</a>
	Gray ≈ RAL 7004	5.0					1.9		<a href="#">094105CSS12</a>





**UNIBLOCK 25, BLACK**

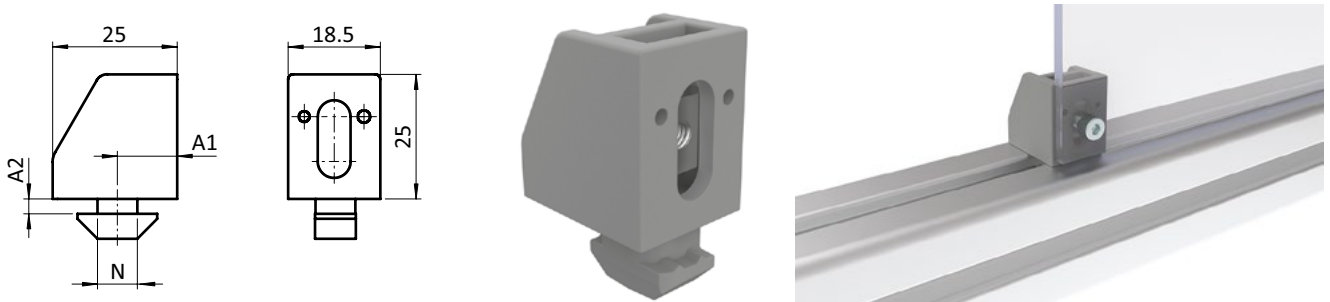
<b>MODEL</b>	Plastic PA, Slot 8, 10, 12
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!



D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
nn	M4	7.9	4.35 (4.5)	8	9.8	I	094003M4
nn	M5	7.9	4.35 (4.5)	8	9.7	I	094003M5
nn	M6	7.9	4.35 (4.5)	8	9.6	I	094003M6
nn	M4	12.0	4.4 (4.5)	8	9.8	I	094020M4
nn	M5	12.0	4.4 (4.5)	8	9.7	I	094020M5
nn	M6	12.0	4.4 (4.5)	8	9.6	I	094020M6
nn	M4	14.0	4.6 (4.5)	8	10.0	I	094080M4
nn	M5	14.0	4.6 (4.5)	8	9.9	I	094080M5
nn	M6	14.0	4.6 (4.5)	8	9.8	I	094080M6
nn	M4	8.5	5.7 (6.0)	10	10.6	B	094008M4
nn	M5	8.5	5.7 (6.0)	10	10.5	B	094008M5
nn	M6	8.5	5.7 (6.0)	10	10.4	B	094008M6
nn	M4	9.5	5.6 (6.0)	10	10.6	B	094004M4
nn	M5	9.5	5.6 (6.0)	10	10.5	B	094004M5
nn	M6	9.5	5.6 (6.0)	10	10.4	B	094004M6
nn	M4	14.0	6.0 (6.0)	10	10.4	B	094005M4
nn	M5	14.0	6.0 (6.0)	10	10.3	B	094005M5
nn	M6	14.0	6.0 (6.0)	10	10.2	B	094005M6
*2.0					0.8		094102CS
3.0					1.3		094103CS
5.0					1.9		094105CS

UNIBLOCK 25, GRAY

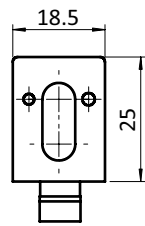
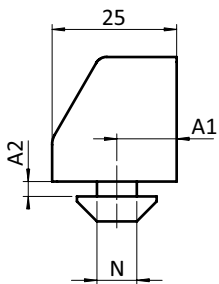
<b>MODEL</b>	Plastic PA, Slot 8, 10, 12
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!



Version	Color	D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
	Gray ≈ RAL 7042		M4	8.0	4.35 (4.5)	8	9.8	I	094003M4S01
	Gray ≈ RAL 7042		M5	8.0	4.35 (4.5)	8	9.7	I	094003M5S01
	Gray ≈ RAL 7042		M6	8.0	4.35 (4.5)	8	9.6	I	094003M6S01
	Gray ≈ RAL 7042		M4	12.0	4.4 (4.5)	8	9.8	I	094020M4S01
	Gray ≈ RAL 7042		M5	12.0	4.4 (4.5)	8	9.7	I	094020M5S01
	Gray ≈ RAL 7042		M6	12.0	4.4 (4.5)	8	9.6	I	094020M6S04
	Gray ≈ RAL 7042		M4	14.0	4.6 (4.5)	8	10.0	I	094080M4S01
	Gray ≈ RAL 7042		M5	14.0	4.6 (4.5)	8	9.9	I	094080M5S01
	Gray ≈ RAL 7042		M6	14.0	4.6 (4.5)	8	9.8	I	094080M6S01
	Gray ≈ RAL 7004		M4	8.5	5.7 (6.0)	10	10.6	B	094008M4S01
	Gray ≈ RAL 7004		M5	8.5	5.7 (6.0)	10	10.5	B	094008M5S01
	Gray ≈ RAL 7004		M6	8.5	5.7 (6.0)	10	10.4	B	094008M6S03
	Gray ≈ RAL 7004		M4	9.5	5.6 (6.0)	10	10.6	B	094004M4S01
	Gray ≈ RAL 7004		M5	9.5	5.6 (6.0)	10	10.5	B	094004M5S01
	Gray ≈ RAL 7004		M6	9.5	5.6 (6.0)	10	10.4	B	094004M6S02
	Gray ≈ RAL 7004		M4	14.0	6.0 (6.0)	10	10.4	B	094005M4S01
	Gray ≈ RAL 7004		M5	14.0	6.0 (6.0)	10	10.3	B	094005M5S01
	Gray ≈ RAL 7004		M6	14.0	6.0 (6.0)	10	10.2	B	094005M6S06
Spacer CS	Gray ≈ RAL 7042	*2.0					0.8		094102CSS03
	Gray ≈ RAL 7042	3.0					1.0		094103CSS04
	Gray ≈ RAL 7042	5.0					1.9		094105CSS03
	Gray ≈ RAL 7004	*2.0					0.8		094102CSS10
	Gray ≈ RAL 7004	3.0					1.0		094103CSS12
	Gray ≈ RAL 7004	5.0					1.9		094105CSS12

**UNIBLOCK 25 CS, BLACK**

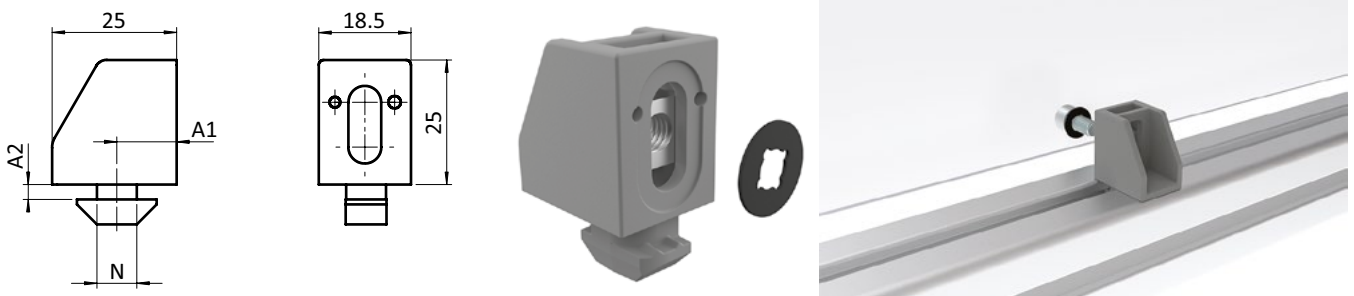
<b>MODEL</b>	With screw retainer
<b>DESCRIPTION</b>	To attach panels safely to aluminum profiles; with screw retainer to comply with Machinery Directive 2006/42/EC
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!



Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
M6	7.9	4.35 (4.5)	8	10.0	I	<a href="#">094003CSM6</a>
M6	12.0	4.4 (4.5)	8	10.0	I	<a href="#">094020CSM6</a>
M6	14.0	4.6 (4.5)	8	11.0	I	<a href="#">094080CSM6</a>
M6	9.5	5.6 (6.0)	10	12	B	<a href="#">094004CSM6</a>
M6	8.5	5.7 (6.0)	10	11.5	B	<a href="#">094008CSM6</a>
M6	14.0	6.0 (6.0)	10	10.0	B	<a href="#">094005CSM6</a>
				0.8		<a href="#">094102CS</a>
				1.3		<a href="#">094103CS</a>
				1.9		<a href="#">094105CS</a>

**UNIBLOCK 25 CS, GRAY**

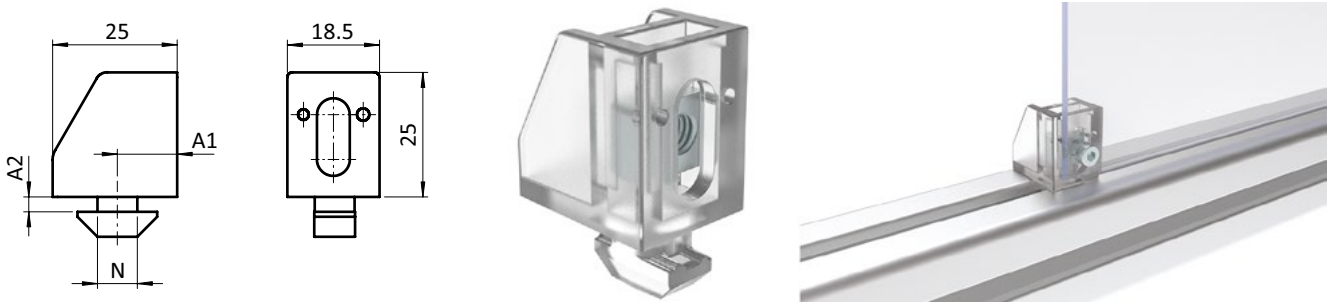
<b>MODEL</b>	With screw retainer
<b>DESCRIPTION</b>	To attach panels safely to aluminum profiles; with screw reatiner to comply with Machinery Directive 2006/42/EC
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!



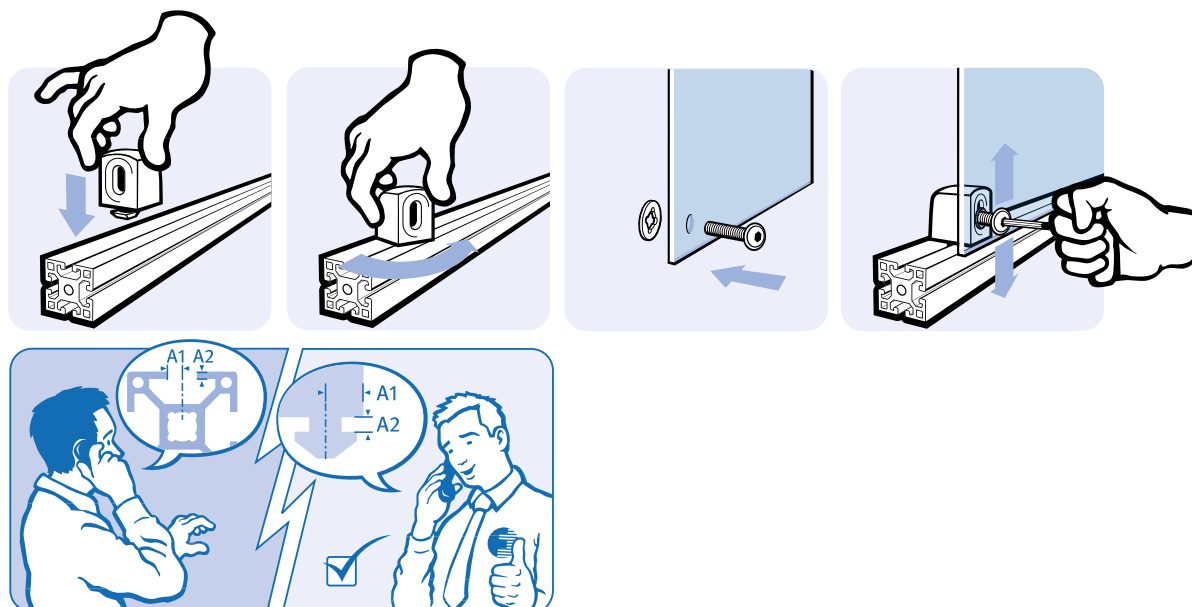
Version	Color	D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
	Gray ≈ RAL 7042		M6	8.0	4.4 [4.5]	8	10.0	I	<a href="#">094003CSM6S01</a>
	Gray ≈ RAL 7042		M6	12.0	4.4 [4.5]	8	10.0	I	<a href="#">094020CSM6S02</a>
	Gray ≈ RAL 7042		M6	14.0	4.6 [4.5]	8	11.0	I	<a href="#">094080CSM6S01</a>
	Gray ≈ RAL 7004		M6	9.5	5.6 [6.0]	10	12	B	<a href="#">094004CSM6S01</a>
	Gray ≈ RAL 7004		M6	8.5	5.7 [6.0]	10	11.5	B	<a href="#">094008CSM6S01</a>
	Gray ≈ RAL 7004		M6	14.0	6.0 [6.0]	10	10.0	B	<a href="#">094005CSM6S02</a>
Spacer CS	Gray ≈ RAL 7042	*2.0					0.8		<a href="#">094102CSS03</a>
	Gray ≈ RAL 7042	3.0					1.0		<a href="#">094103CSS04</a>
	Gray ≈ RAL 7042	5.0					1.9		<a href="#">094105CSS03</a>
	Gray ≈ RAL 7004	*2.0					0.8		<a href="#">094102CSS10</a>
	Gray ≈ RAL 7004	3.0					1.0		<a href="#">094103CSS12</a>
	Gray ≈ RAL 7004	5.0					1.9		<a href="#">094105CSS12</a>

**UNIBLOCK 25, TRANSPARENT COLORLESS**

<b>MODEL</b>	Plastic PC, slot 8, 10
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PC Nut: Zinc plated steel
<b>COLOR</b>	Transparent colorless
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer on request
<b>TIP</b>	* No further spacers can be added!



Version	D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		M6	7.9	4.35 (4.5)	8	9.6	I	<a href="#">094003GM6</a>
		M6	12.0	4.4 (4.5)	8	9.6	I	<a href="#">094020GM6</a>
		M6	14.0	6.0 (6.0)	10	10.2	B	<a href="#">094005GM6</a>
Spacer CS	*2.0					0.7		<a href="#">094102CSG</a>
	3.0					1.2		<a href="#">094103CSG</a>
	5.0					2.0		<a href="#">094105CSG</a>

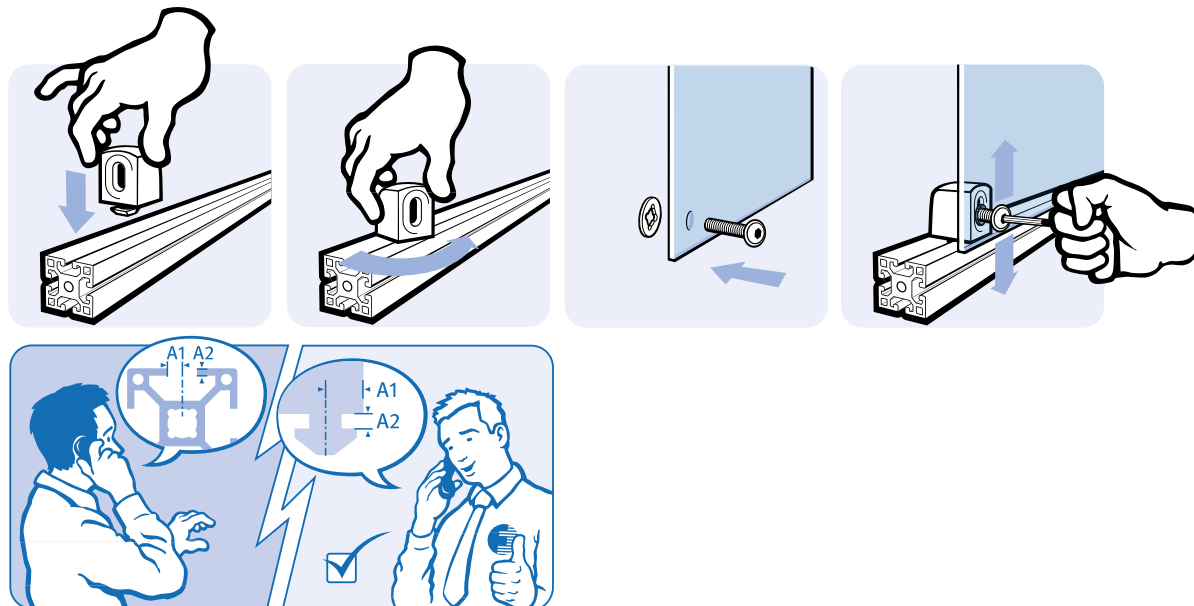


**UNIBLOCK 26 CS (SET)**

<b>MODEL</b>	With screw retainer
<b>DESCRIPTION</b>	To attach panels with a thickness of 2 - 8 mm safely to aluminum profiles; with screw retainer to comply with Machinery Directive 2006/42/EC
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request

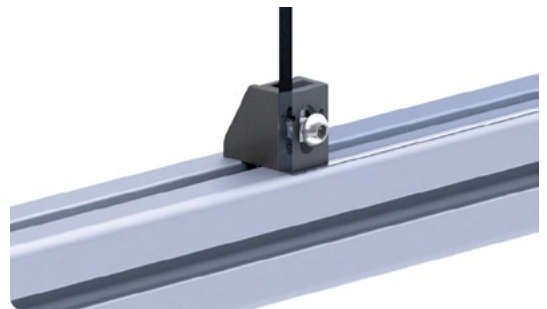
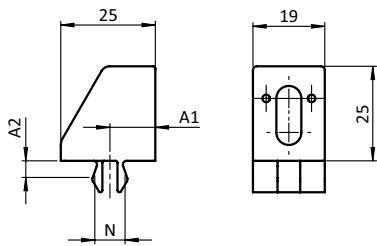


A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
12.0	4.4 (4.5)	8	20.0	I	<a href="#">094620CSS02</a>
14.0	6.3 (6.0)	10	21.0	B	<a href="#">094605CSS02</a>



**UNIBLOCK 25 CLIP**

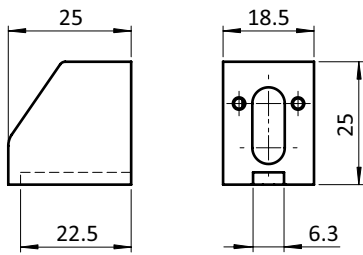
<b>MODEL</b>	Plastic PA, slot 8
<b>DESCRIPTION</b>	To attach panels simply to aluminum profiles; the clip feature makes it possible to pre-mount the block to the panel
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized clips, other colors on request
<b>TIP</b>	* No further spacers can be added!



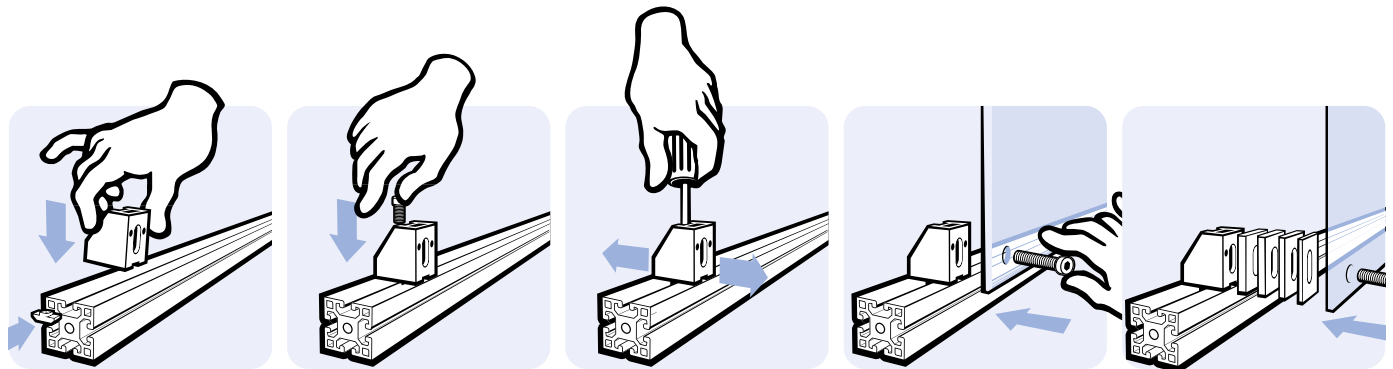
Version	D [mm]	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		M6	12.0	4.4 (4.5)	8	9.0	I	<a href="#">094020CLIPM6</a>
Spacer CS	*2.0					0.8		<a href="#">094102CS</a>
	3.0					1.3		<a href="#">094103CS</a>
	5.0					1.9		<a href="#">094105CS</a>

**UNIBLOCK 25 EH**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To join panels and aluminum profiles of various dimensions
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	* No further spacers can be added!



D [mm]	Thread	Weight [g]	Part #
	M4	10.0	<a href="#">094010M4</a>
	M5	10.0	<a href="#">094010M5</a>
	M6	10.0	<a href="#">094010M6</a>
nn	UNC 1/4-20	10.0	<a href="#">094010U1/4</a>
*2.0		0.8	<a href="#">094102CS</a>
3.0		1.3	<a href="#">094103CS</a>
5.0		1.9	<a href="#">094105CS</a>



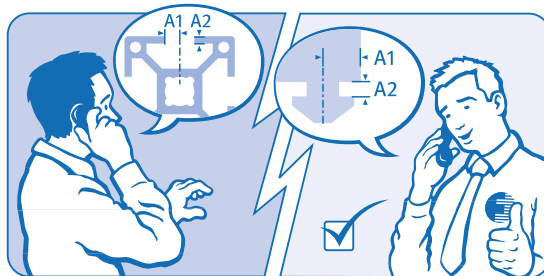


**FIXATION BLOCK 18, BLACK**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* A1 size with spacer!

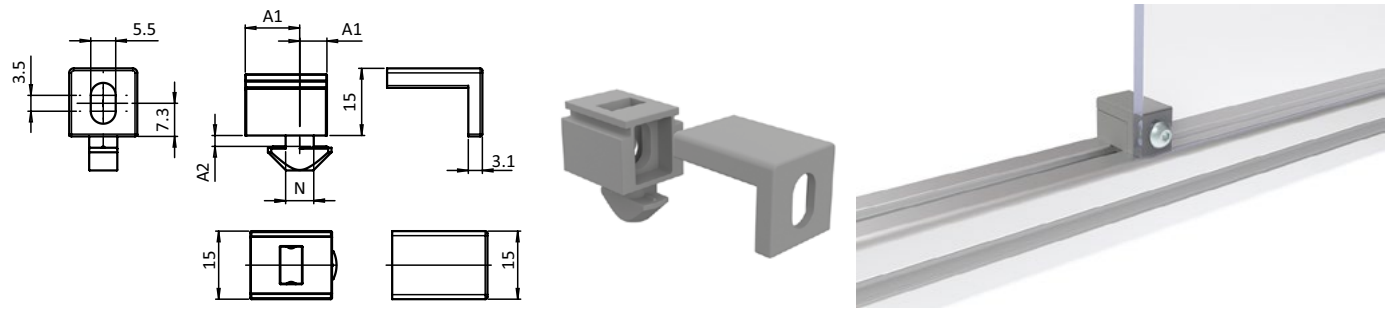


Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
M5	6.0 / 9.0* / 12.0 / 15.0*	2.7 (3.0)	6	5.0	I	094501M5

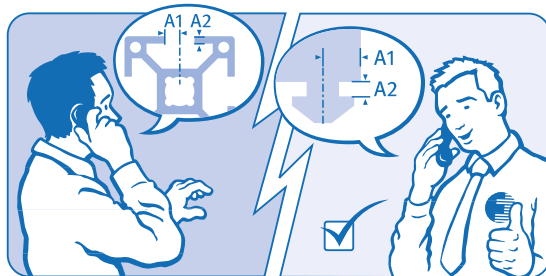


**FIXATION BLOCK 18, GRAY**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* A1 size with spacer!

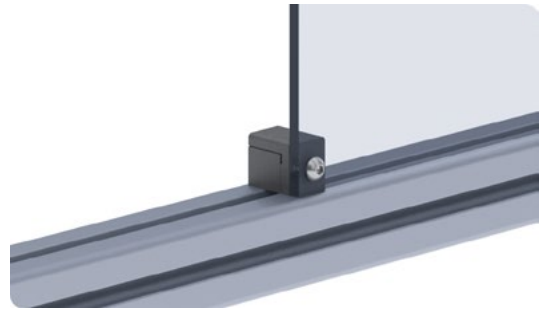
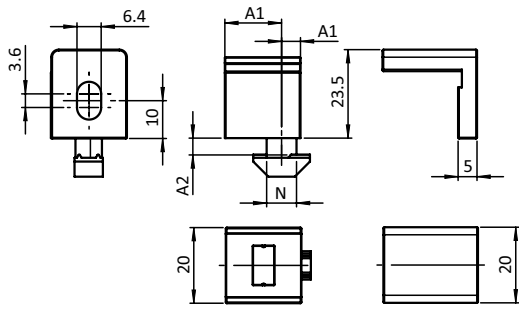


Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
M5	6.0 / 9.0* / 12.0 / 15.0*	2.7 (3.0)	6	5.0	I	<b>094501M5S01</b>

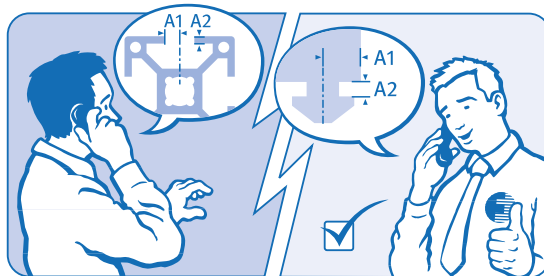


**FIXATION BLOCK 25, BLACK**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* A1 size with spacer!

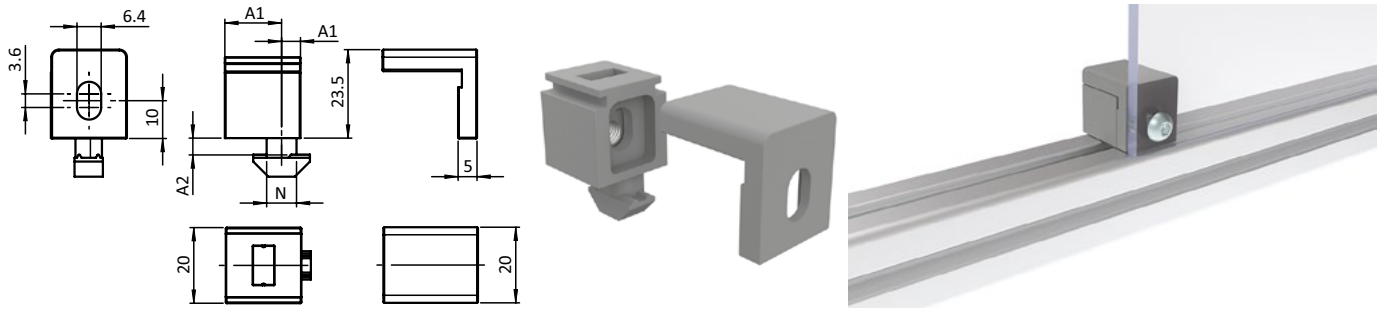


Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
M6	5.0 / 10.0* / 15.0 / 20.0*	4.35 (4.5)	8	13.0	I	<a href="#">094500M6</a>

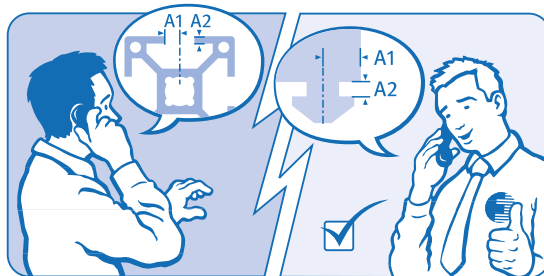


**FIXATION BLOCK 25, GRAY**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Zinc plated steel
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* A1 size with spacer!

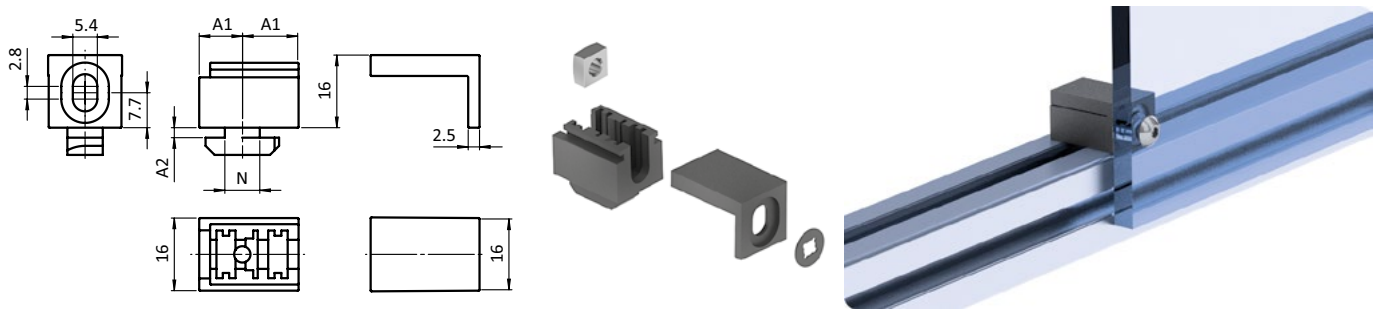


Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
M6	5.0 / 10.0* / 15.0 / 20.0*	4.35 (4.5)	8	13.0	I	<a href="#">094500M6S03</a>

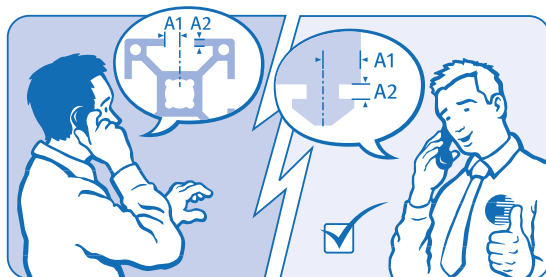


**VARIO BLOCK 18 CS**

<b>MODEL</b>	Plastic PA, slot 8
<b>DESCRIPTION</b>	To attach panels simply to aluminum profiles; with screw retainer to comply with Machinery Directive 2006/42/EC
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Steel
<b>SURFACE</b>	Nut: Zinc plated
<b>COLOR</b>	Block: Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	* A1 size with spacer!



Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
M5	9.5 / 12* / 12.5 / 15*	2.2 (2.2)	8	8.8	B	<b>094511M5CS</b>



**VARIO BLOCK 25 CS**

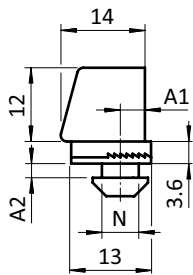
<b>MODEL</b>	Plastic PA, Slot 10
<b>DESCRIPTION</b>	To attach panels simply to aluminum profiles; with screw reatiner to comply with Machinery Directive 2006/42/EC
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Nut: Steel
<b>SURFACE</b>	Nut: Zinc plated
<b>COLOR</b>	Block: Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	* A1 size with spacer!



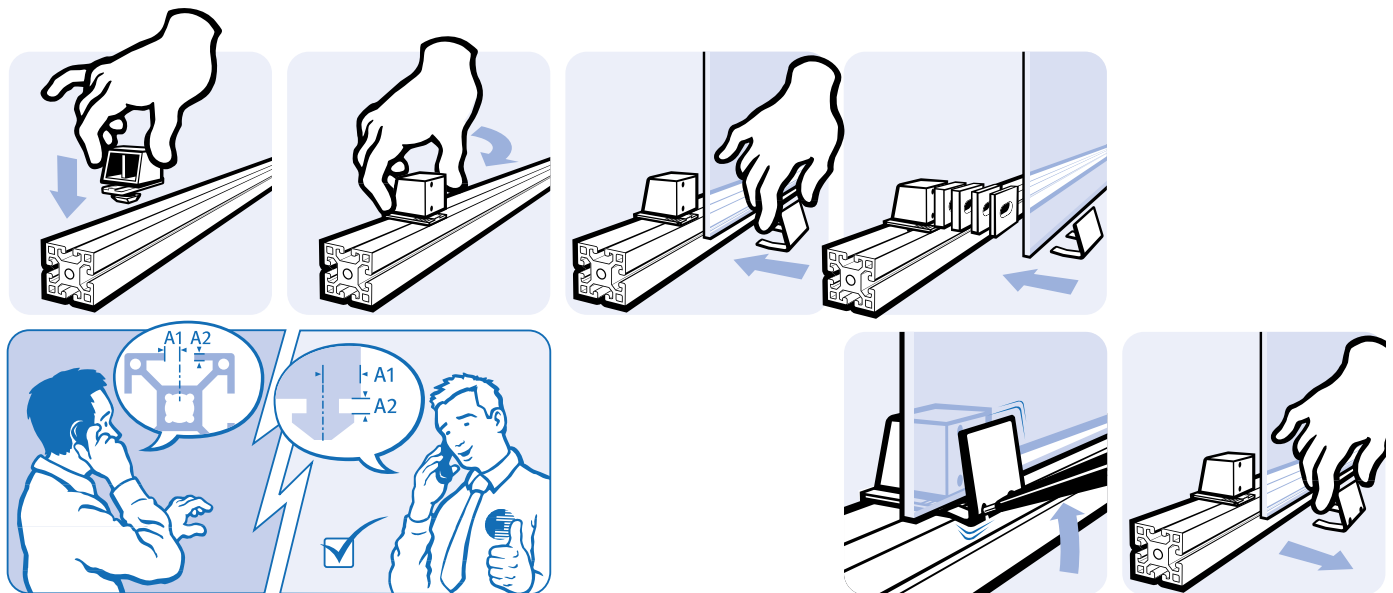
Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
M5	2.5: 13 / 15.5* / 17.5 / 20* 5.0: 13 / 18* / 17.5 / 22.5*	6.0 (6.0)	10	18.8	B	<b>094513M5CS</b>

**CLIP BLOCK 13, BLACK**

<b>MODEL</b>	Plastic PA, Slot 5, 6
<b>DESCRIPTION</b>	To attach panels to aluminum profiles without screws or tools
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>FIXATION SPAN</b>	Panel units with a thickness of 1 - 6 mm
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!

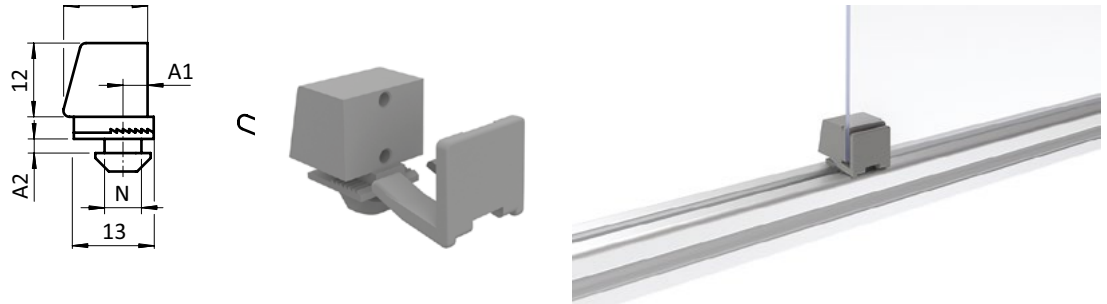


Version	D [mm]	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		4.0	1.6 [1.8]	5	3.4	I	<b>094311</b>
Spacer	*1.0				0.5		<b>094901</b>
	*2.0				0.8		<b>094902</b>
	3.0				1.3		<b>094903</b>
	4.0				1.8		<b>094904</b>

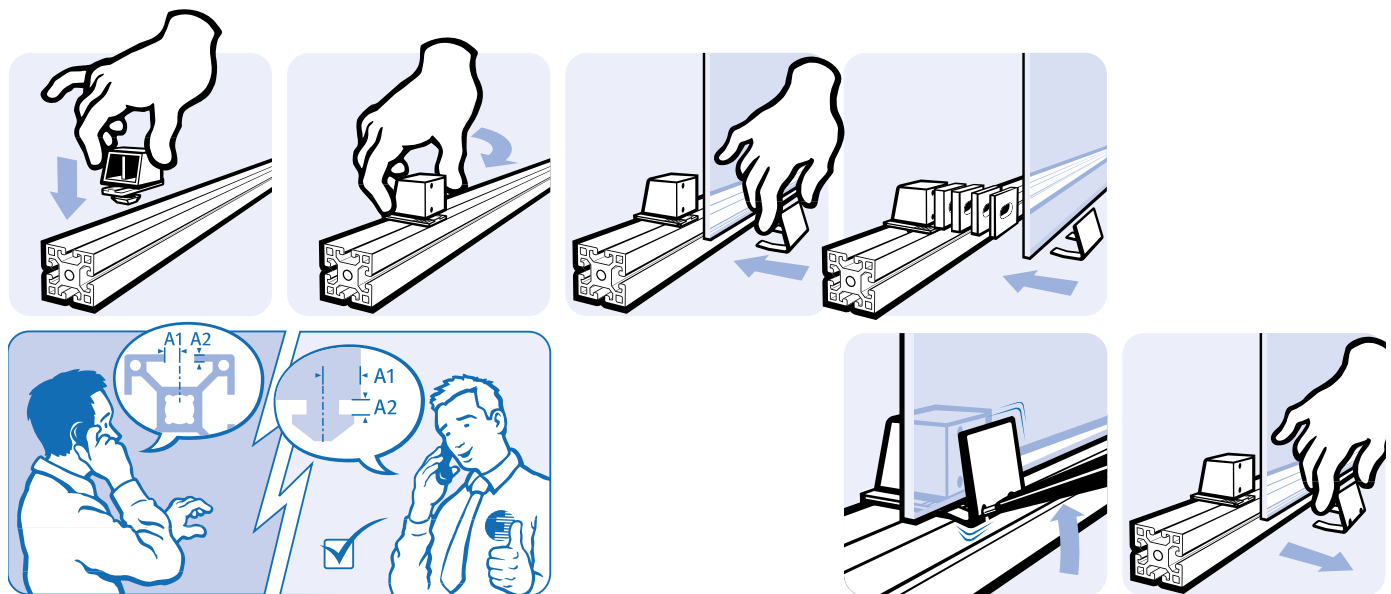


**CLIP BLOCK 13, GRAY**

<b>MODEL</b>	Plastic PA, Slot 5, 6
<b>DESCRIPTION</b>	To attach panels to aluminum profiles without screws or tools
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Gray ≈ RAL 7042
<b>FIXATION SPAN</b>	Panel units with a thickness of 1 - 6 mm
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!



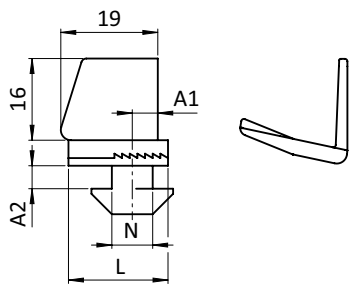
Version	D [mm]	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		4.0	1.6 (1.8)	5	3.4	I	<a href="#">094311S02</a>
Spacer	*1.0				1.0		<a href="#">094901S03</a>
	*2.0				1.2		<a href="#">094902S03</a>
	3.0				1.5		<a href="#">094903S03</a>
	4.0				1.8		<a href="#">094904S03</a>



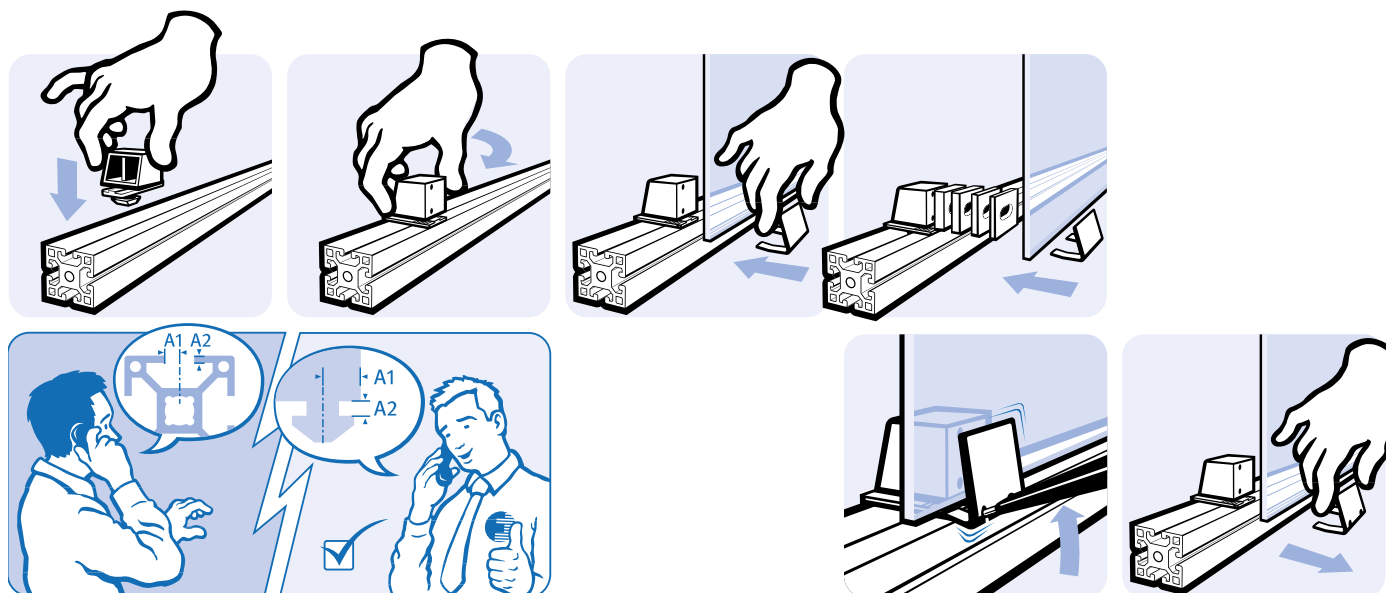


**CLIP BLOCK 14, BLACK**

<b>MODEL</b>	Plastic PA, Slot 8, 10
<b>DESCRIPTION</b>	To attach panels to aluminum profiles without screws or tools
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>FIXATION SPAN</b>	Panel units with a thickness of 1 - 9 mm
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!

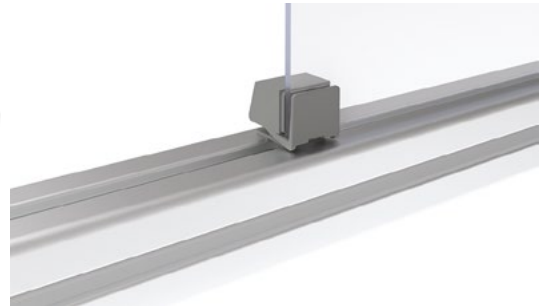
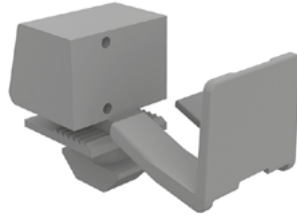
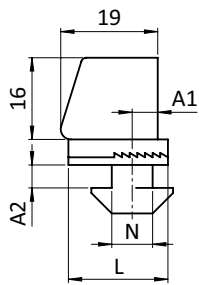


Version	D [mm]	L [mm]	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		19.5	5.0	4.5 (4.5)	8	7.8	I	<a href="#">094204</a>
		26.0	11.5	4.5 (4.5)	8	8.3	I	<a href="#">094203</a>
		19.5	7.0	2.2 (2.2)	8	7.4	B	<a href="#">094202</a>
		26.0	14.0	5.8 (6.0)	10	8.0	B	<a href="#">094205</a>
Spacer	*2.0					1.0		<a href="#">094102K</a>
	*3.0					1.5		<a href="#">094103K</a>
	*5.0					2.0		<a href="#">094105K</a>

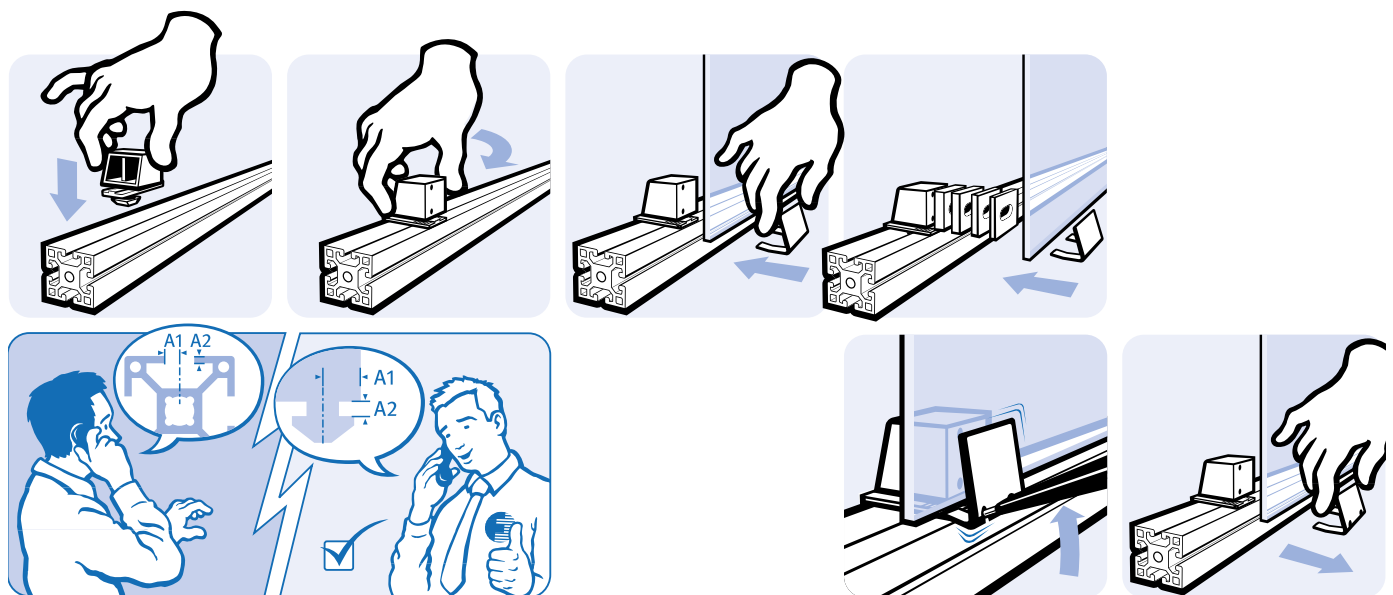


**CLIP BLOCK 14, GRAY**

<b>MODEL</b>	Plastic PA, Slot 8, 10
<b>DESCRIPTION</b>	To attach panels to aluminum profiles without screws or tools
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Gray
<b>FIXATION SPAN</b>	Panel units with a thickness of 1 - 9 mm
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	* No further spacers can be added!

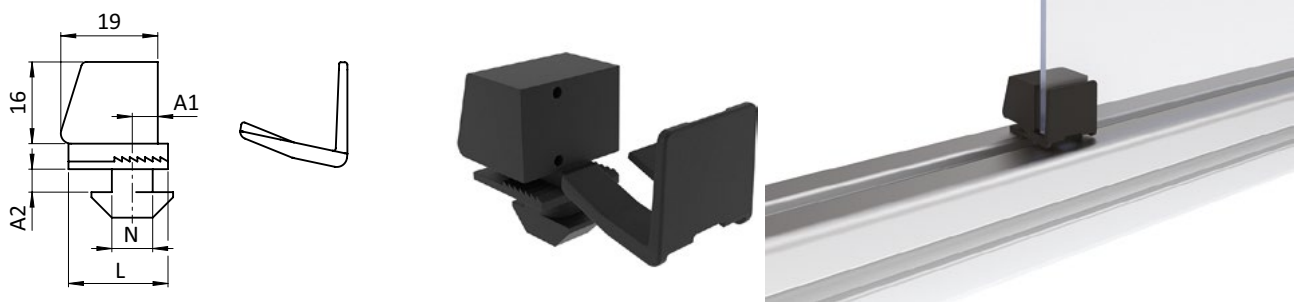


Version	Color	D [mm]	L [mm]	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
	Gray ≈ RAL 7042		19.5	5.0	4.5 (4.5)	8	7.8	I	<a href="#">094204S01</a>
	Gray ≈ RAL 7042		26.0	11.5	4.5 (4.5)	8	8.3	I	<a href="#">094203S05</a>
	Gray ≈ RAL 7004		19.5	7.0	2.2 (2.2)	8	7.4	B	<a href="#">094202S03</a>
	Gray ≈ RAL 7004		26.0	14.0	5.8 (6.0)	10	8.0	B	<a href="#">094205S04</a>
Spacer	Gray ≈ RAL 7004	*2.0					1.0		<a href="#">094102KS03</a>
	Gray ≈ RAL 7004	*3.0					1.5		<a href="#">094103KS03</a>
	Gray ≈ RAL 7004	*5.0					2.0		<a href="#">094105KS03</a>
	Gray ≈ RAL 7042	*2.0					1.0		<a href="#">094102KS01</a>
	Gray ≈ RAL 7042	*3.0					1.5		<a href="#">094103KS01</a>
	Gray ≈ RAL 7042	*5.0					2.0		<a href="#">094105KS01</a>



**CLIP BLOCK 14 SL**

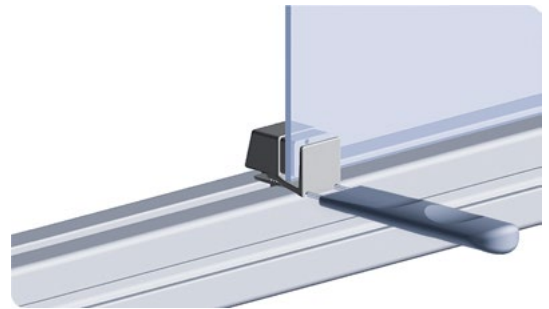
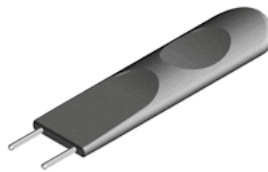
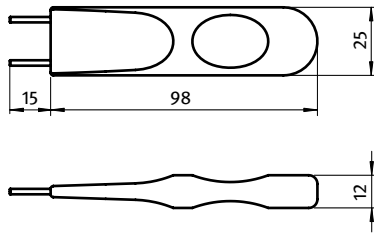
<b>MODEL</b>	Plastic PA, Slot 8, 10
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles without screws or tools; can only be opened with the special tool SL
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>FIXATION SPAN</b>	Panel units with a thickness of 1 - 9 mm
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request
<b>TIP</b>	Tool SL for Clip Block 14 SL see 094204SL
<b>TIP 2</b>	* No further spacers can be added!



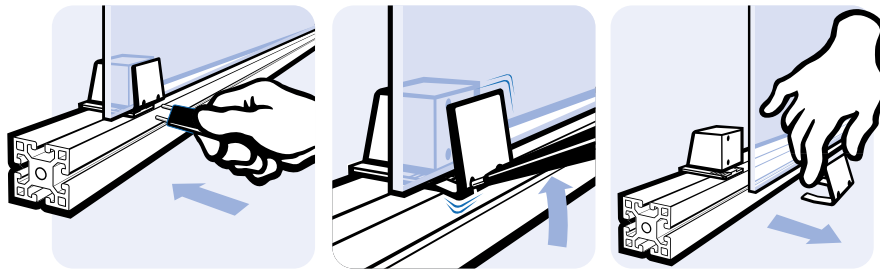
Version	D [mm]	L [mm]	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		19.5	5.0	4.5 (4.5)	8	7.8	I	094204SL
		26.0	11.5	4.5 (4.5)	8	8.0	I	094203SL
		19.5	7.0	2.2 (2.2)	8	7.0	B	094202SL
		26.0	14.0	5.8 (6.0)	10	8.0	B	094205SL
Spacer	*2.0					1.0		094102K
	*3.0					1.5		094103K
	*5.0					2.0		094105K

**TOOL FOR CLIP BLOCK SL**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To open the clip block SL
<b>MATERIAL</b>	Plastic PA, glass ball reinforced Pins: Zinc plated steel
<b>COLOR</b>	Red
<b>PACK QUANTITY</b>	1 piece

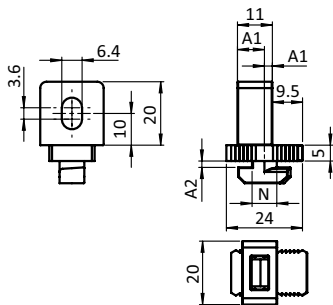


	Weight [g]	Part #
	23.0	0942SL



**VARIO CLAMPING BLOCK 18**

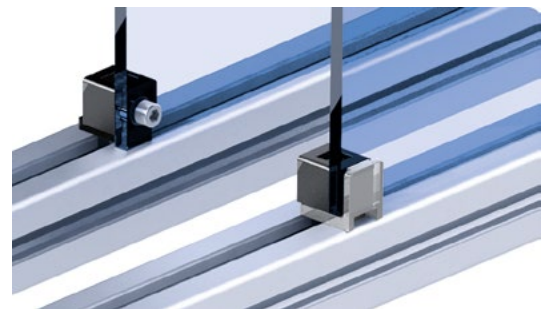
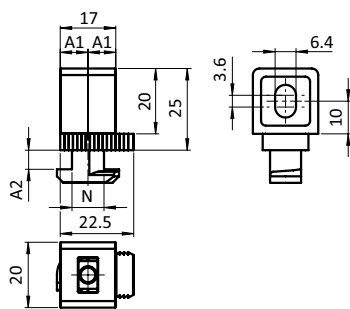
<b>MODEL</b>	Plastic PA, slot 8
<b>DESCRIPTION</b>	To attach panels safely to aluminum profiles; optional screwless mounting with clip clamp
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Clip clamp: Plastic PC Nut: Steel
<b>SURFACE</b>	Nut: Zinc plated
<b>COLOR</b>	Block: Black Clip clamp: Transparent colorless
<b>FIXATION SPAN</b>	With clip clamp from 0 to 13 mm
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other colors on request



Version	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
	M6	2.5 / 8.5	2.2 (2.2)	8	7.8	B	<a href="#">094523M6</a>
Clip clamp					2.8		<a href="#">09452RA20</a>

**VARIO CLAMPING BLOCK 25**

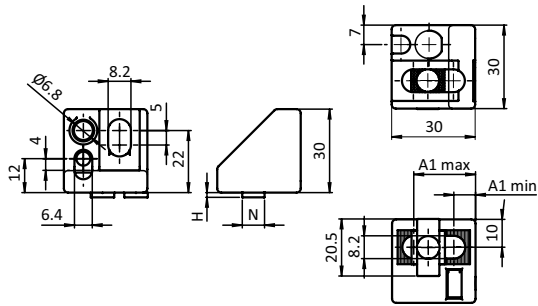
<b>MODEL</b>	Plastic PA, Slot 10
<b>DESCRIPTION</b>	To attach panels safely to aluminum profiles; with screw reatiner to comply with Machinery Directive 2006/42/EC; optional screwless mounting with clip clamp
<b>MATERIAL</b>	Block: Plastic PA, glass fiber reinforced Clip clamp: Plastic PC Nut: Steel
<b>SURFACE</b>	Nut: Zinc plated
<b>COLOR</b>	Block: Black Clip clamp: Transparent colorless
<b>FIXATION SPAN</b>	With clip clamp from 0 to 13 mm
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other colors on request



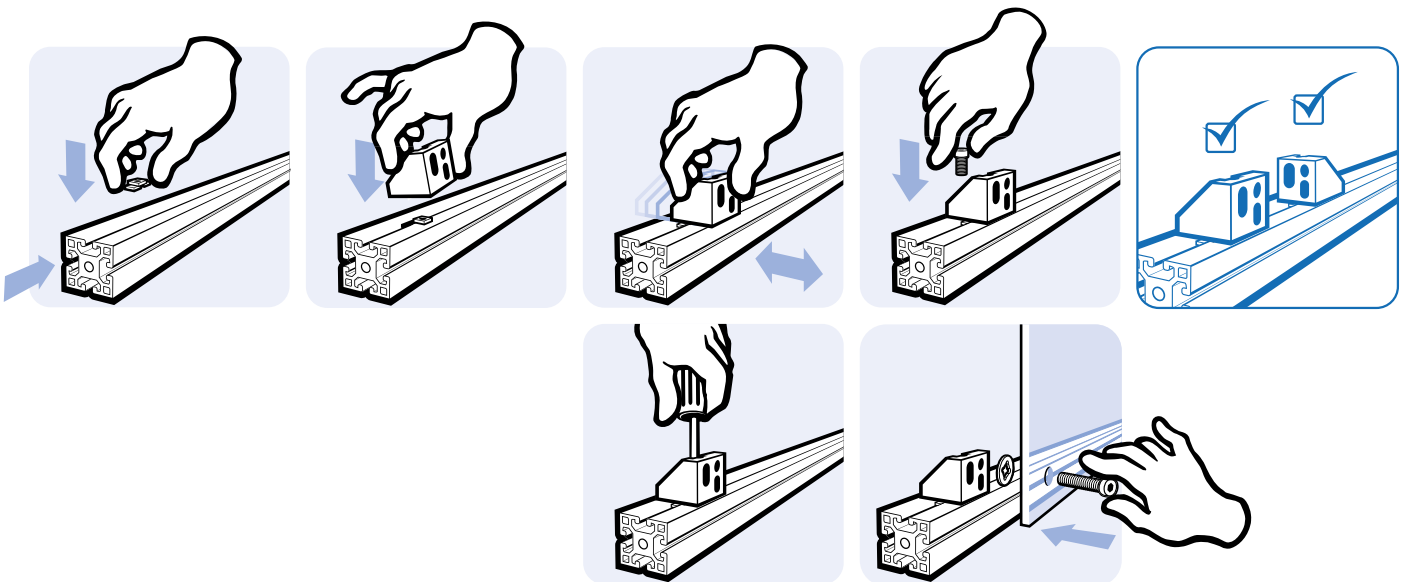
Version	Thread	A1 [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
	M6	8.5	5.8 (6.0)	10	8.8	B	<a href="#">094522M6CS</a>
Clip clamp					2.8		<a href="#">09452RA20</a>

UNIBLOCK ZN 40 CS

<b>MODEL</b>	Zinc die-cast, slot 8, 10
<b>DESCRIPTION</b>	To attach panels to aluminum profiles; especially for high load bearing (up to 2000 N) on the panels; with screw retainer to comply with Machinery Directive 2006/42/EC
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Zinc plated (RoHS compliant)
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces

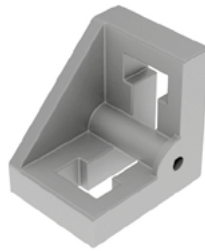
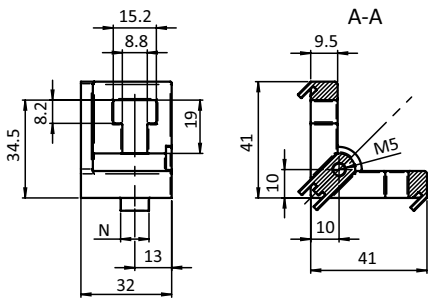


H [mm]	Thread	A1 max. [mm]	A1 min. [mm]	N	Weight [g]	Part #
	M6	22.0	7.9		61.4	094Z40SCS
1.7	M6	22.0	7.9	8	69.8	094Z40S0817CS
4.0	M6	22.0	7.9	8	67.0	094Z40S0840CS
4.0	M6	22.0	7.9	10	72.0	094Z40S1040CS



**ANGLE BLOCK 40/45 (SET)**

<b>MODEL</b>	Aluminum die-cast, profile 40 + 45
<b>DESCRIPTION</b>	To attach panels to aluminum profiles; especially for high load bearing on the panels
<b>MATERIAL</b>	Aluminum die-cast
<b>SURFACE</b>	Plain
<b>ASSEMBLY SET</b>	2 hammer screws M8 x 25, 2 flange nuts M8
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

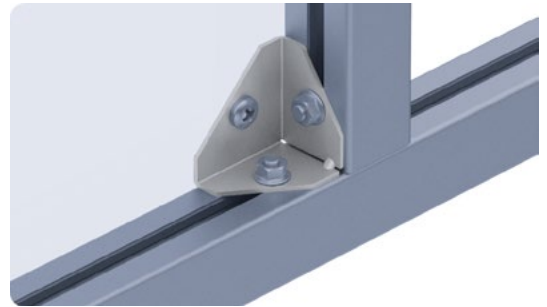
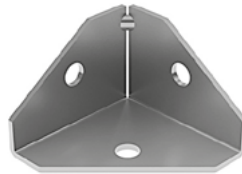
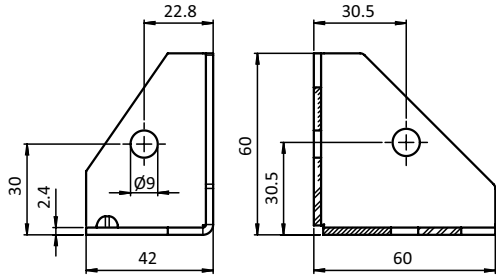


	Set	N	Weight [g]	Profile	Dimensions [mm]	Part #
		10	48.7		M5	<a href="#">094A4045</a>
incl. assembly set		10	75.6	B	M5	<a href="#">094A4045S01</a>



**STEEL CONNECTION ANGLE 45 / 60**

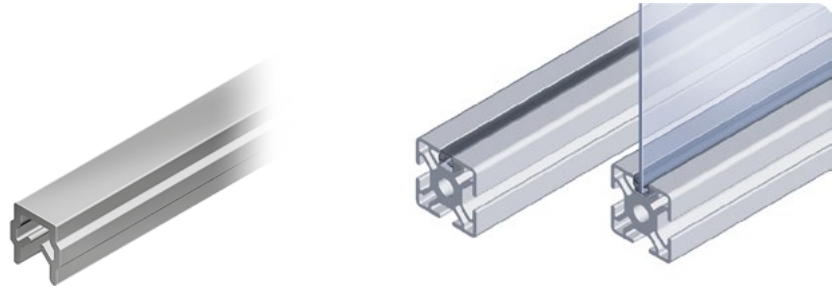
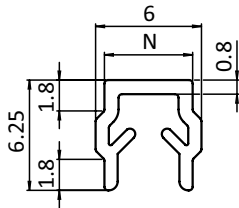
<b>MODEL</b>	Steel, profile 45 and up
<b>DESCRIPTION</b>	To connect two aluminum profiles at right angles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



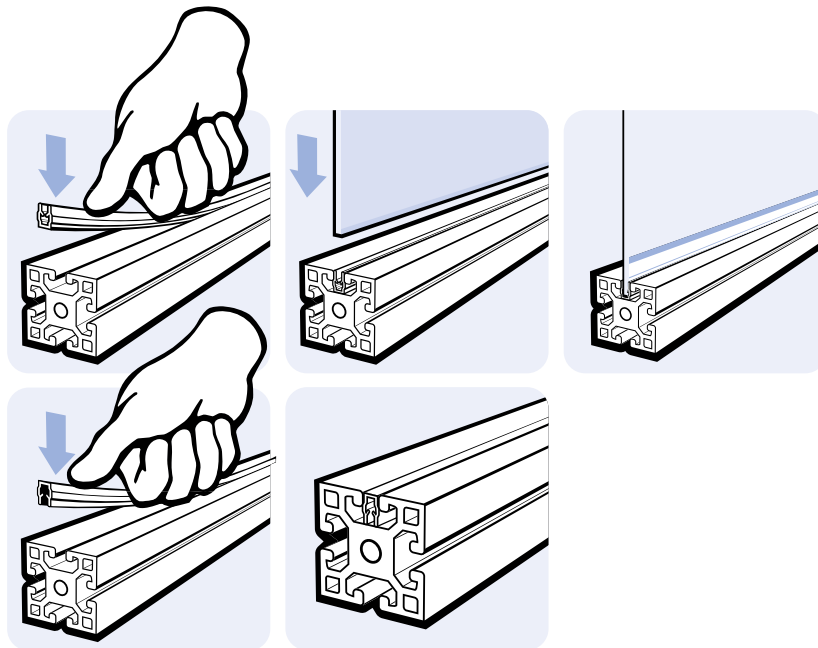
ESD	Weight [g]	Part #
ESD electrostatical discharging	112.0	093WV452V

**COVER AND REDUCTION PROFILE | SLOT 5**

<b>MODEL</b>	Plastic PP, slot 5
<b>DESCRIPTION</b>	To cover size 5 profile slots and to secure panels with a thickness of 2 - 3 mm
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, gray, natural
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

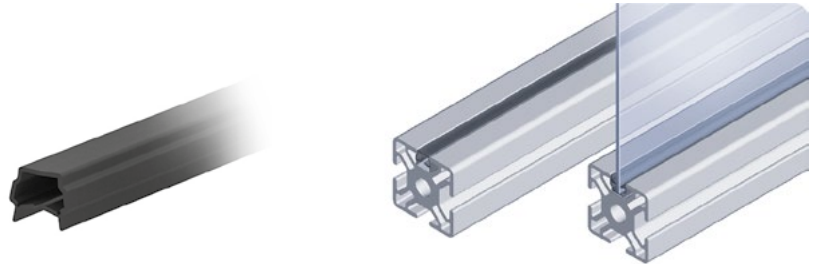
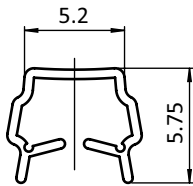


Color	N	Weight [g/m]	Profile	Part #
Black	5	26.0	I	092045
Natural	5	26.0	I	092047
Gray ≈ RAL 7042	5	26.0	I	092045S07

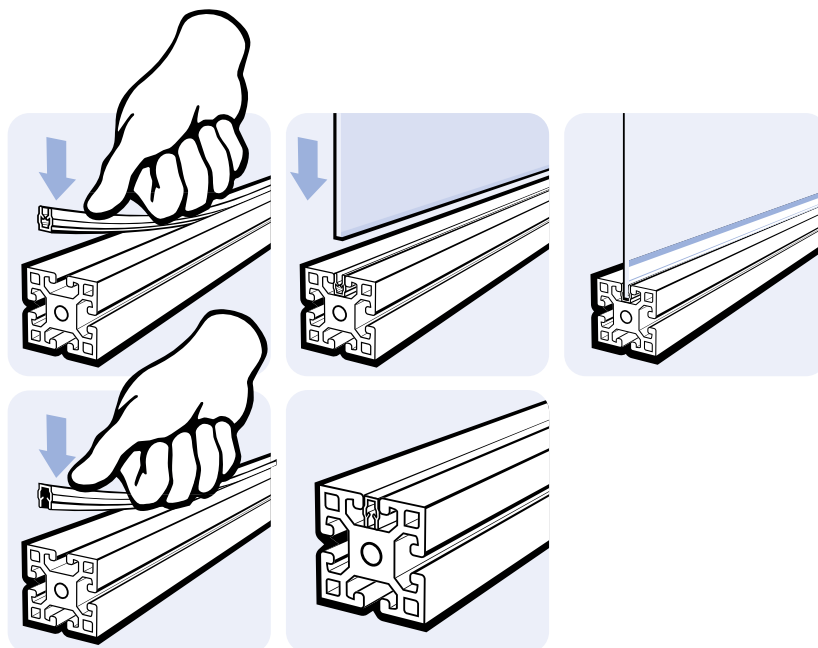


**COVER AND REDUCTION PROFILE B SLOT 6**

<b>MODEL</b>	Plastic PP, slot 6
<b>DESCRIPTION</b>	To cover size 6 profile slots and to secure panels with a thickness of 1 - 4 mm
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

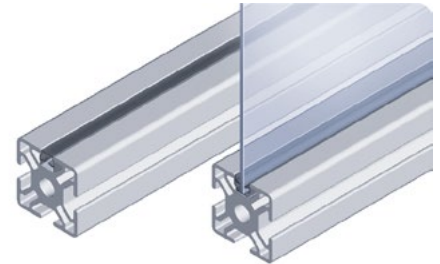
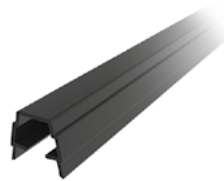
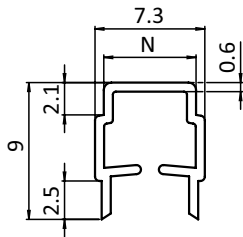


Slot	Weight [g/m]	Profile	Part #
6	17.0	B	092246

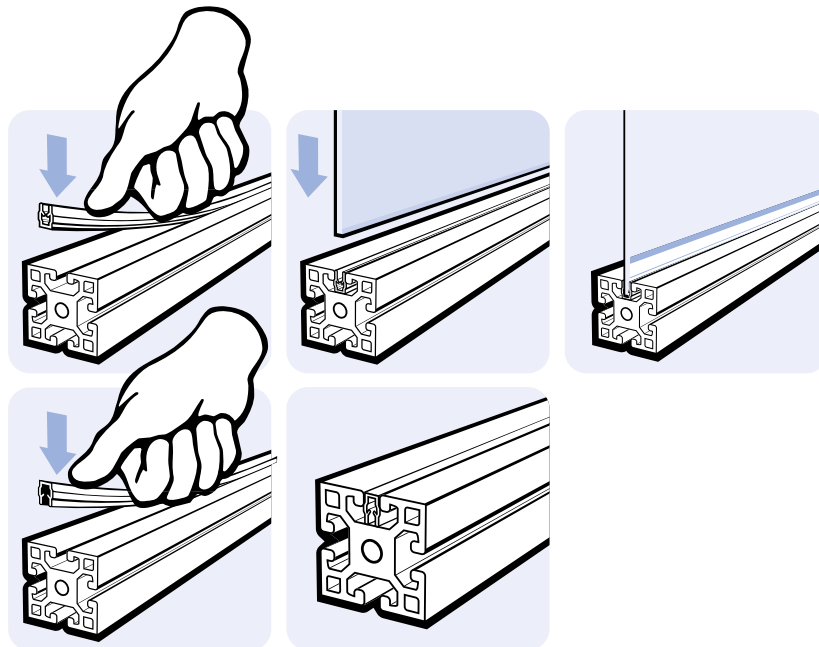


**COVER AND REDUCTION PROFILE | SLOT 6**

<b>MODEL</b>	Plastic PP, slot 6
<b>DESCRIPTION</b>	To cover size 6 profile slots and to secure panels with a thickness of 2 - 3.5 mm
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, gray, natural
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

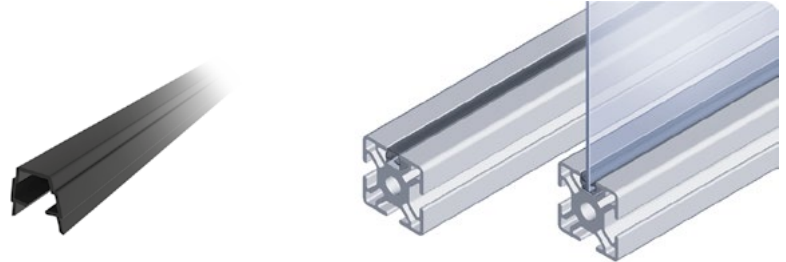
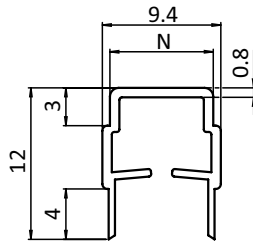


	Color	N	Weight [g/m]	Profile	Part #
	Black	6	26.0	I	<a href="#">092033</a>
	Gray ≈ RAL 7035	6	26.0	I	<a href="#">092033S01</a>
	Natural	6	26.0	I	<a href="#">092034</a>
	Gray ≈ RAL 7042	6	26.0	I	<a href="#">092033S05</a>

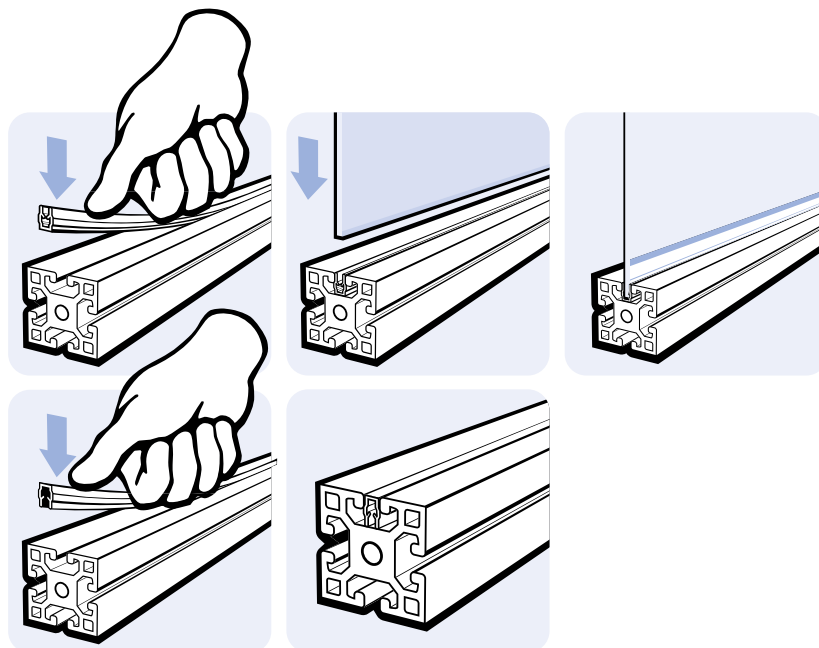


**COVER AND REDUCTION PROFILE | SLOT 8**

<b>MODEL</b>	Plastic PP, slot 8
<b>DESCRIPTION</b>	To cover size 8 profile slots and to secure panels with a thickness of 4 - 6 mm
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, yellow, orange, red, blue, gray, white aluminum, natural
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

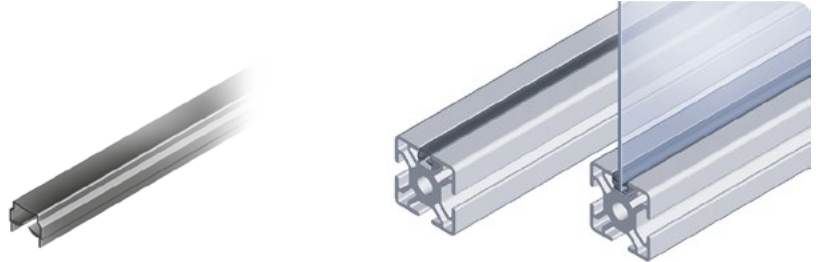
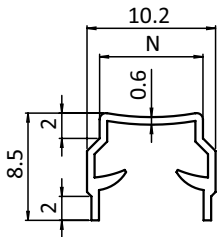


	Color	N	Weight [g/m]	Profile	Part #
	Black	8	26.0	I	092031
	Yellow ≈ RAL 1018	8	26.0	I	092031S03
	Orange ≈ RAL 2008	8	26.0	I	092031S08
	Red ≈ RAL 3020	8	26.0	I	092036
	Blue ≈ RAL 5005	8	26.0	I	092037
	Gray ≈ RAL 7035	8	26.0	I	092035
	Gray ≈ RAL 7042	8	26.0	I	092035S04
	White aluminum ≈ RAL 9006	8	26.0	I	092031S04
	Natural	8	26.0	I	092030

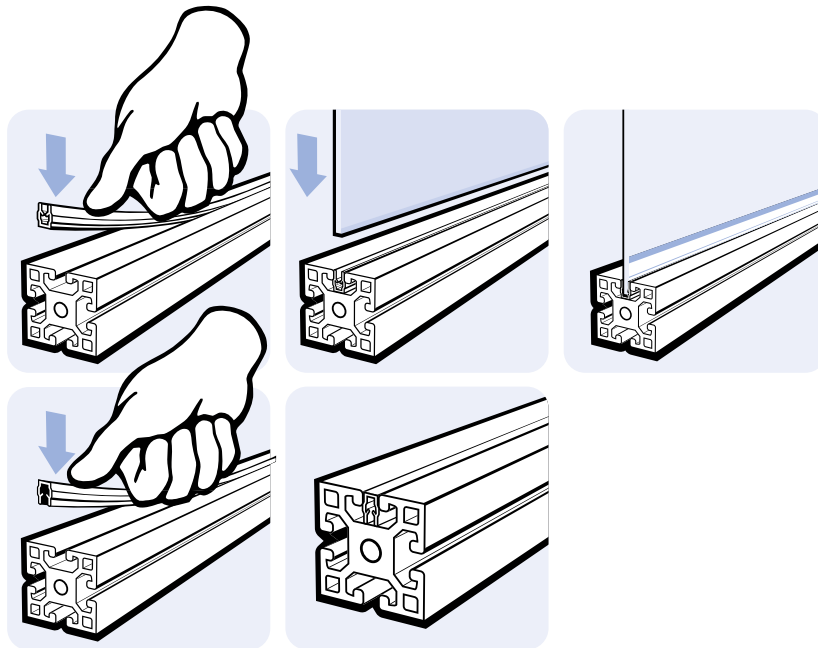


**COVER AND REDUCTION PROFILE B SLOT 8**

<b>MODEL</b>	Plastic PP + TPE, slot 8
<b>DESCRIPTION</b>	To cover size 8 profile slots and to secure panels with a thickness of 4 - 6 mm
<b>MATERIAL</b>	Plastic PP + TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

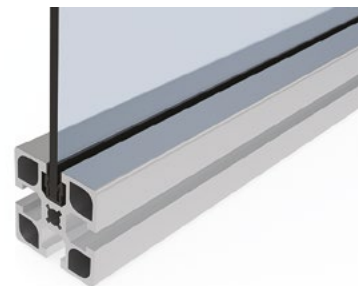
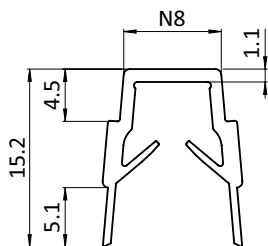


N	Weight [g/m]	Profile	Part #
8	25.0	B	092242

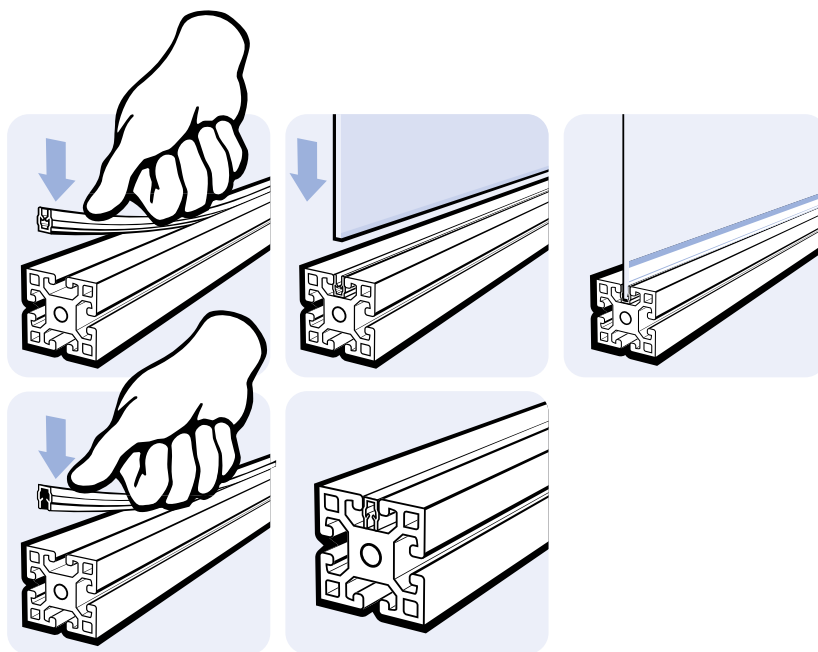


**COVER AND REDUCTION PROFILE M45 SLOT 8**

<b>MODEL</b>	Plastic PP, slot 8
<b>DESCRIPTION</b>	To cover size 8 profile slots and to secure panels with a thickness of 4 - 6 mm
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

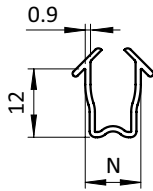


	Color	Slot	Weight [g/m]	Part #
	Black	8	56.0	<b>092280</b>
	Gray ≈ RAL 7035	8	56.0	<b>092280S01</b>
	Gray ≈ RAL 7042	8	56.0	<b>092280S02</b>



**REDUCTION PROFILE I SLOT 8 / 4 - 6 MM**

<b>MODEL</b>	Plastic TPE, slot 8
<b>DESCRIPTION</b>	To secure panels with a thickness of 4 - 6 mm
<b>MATERIAL</b>	Plastic TPE
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 meters (5 spools at 20 m)
<b>TIP</b>	Please note: You are ordering in meters!

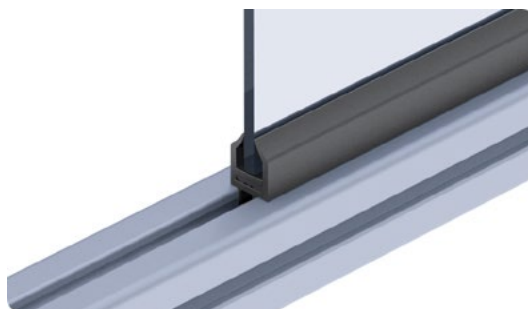
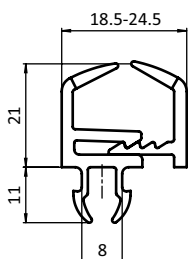


	Color	N	Weight [g/m]	Profile	Part #
	Black	8	46.0	I	<a href="#">092270</a>
	Gray ≈ RAL 7042	8	46.0	I	<a href="#">092271</a>

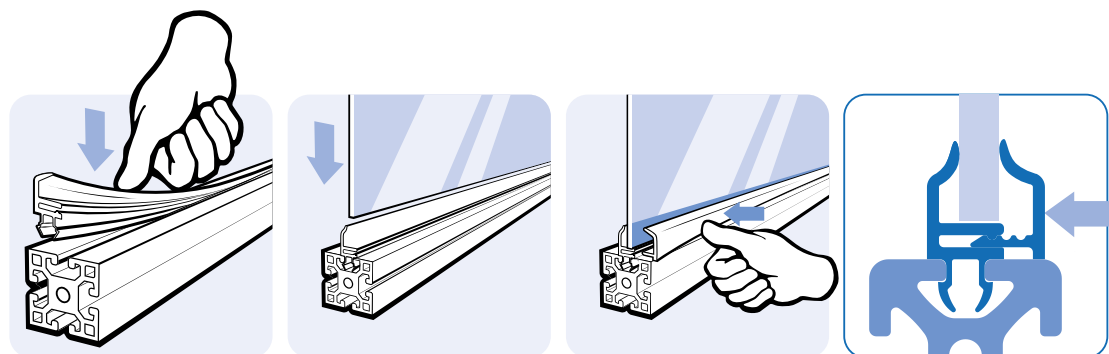


**HOLDER PROFILE SLOT 8**

<b>MODEL</b>	Plastic PP + TPE, slot 8, subsequently insertable
<b>DESCRIPTION</b>	For subsequent insertion of panels of size 2.0 - 10.0 mm, creates a sealed connection against spray water and dust
<b>MATERIAL</b>	Plastic PP + TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	50 meters (25 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters!

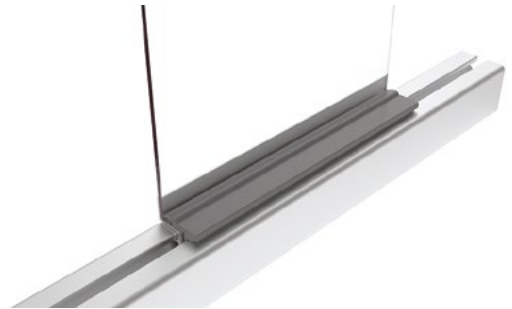
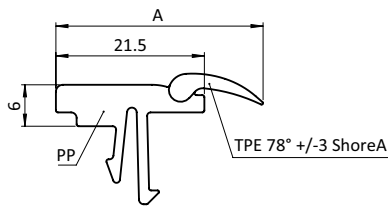


Slot	Weight [g/m]	Profile	Part #
8	214.0	I	092262



**GLAZING STRIP FOR INSERT PROFILE I AL**

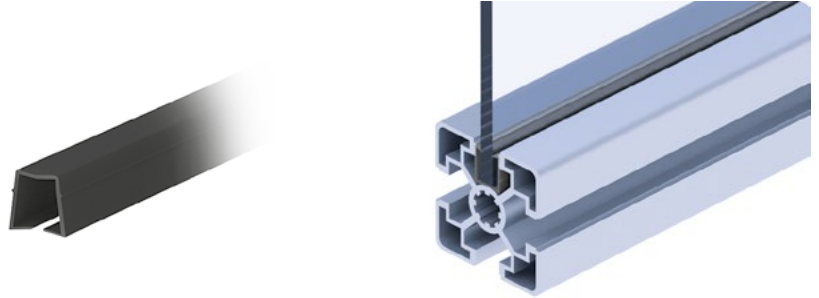
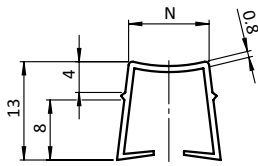
<b>MODEL</b>	Plastic PP + TPE, slot 8, subsequently insertable
<b>DESCRIPTION</b>	To insert panels with 2.0 to 8.0 mm thickness subsequently into assebled structures
<b>MATERIAL</b>	Plastic PP + TPE
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	50 meters (25 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters!
<b>TIP 2</b>	For a complete insert profile a suitable support strip I AL is required.



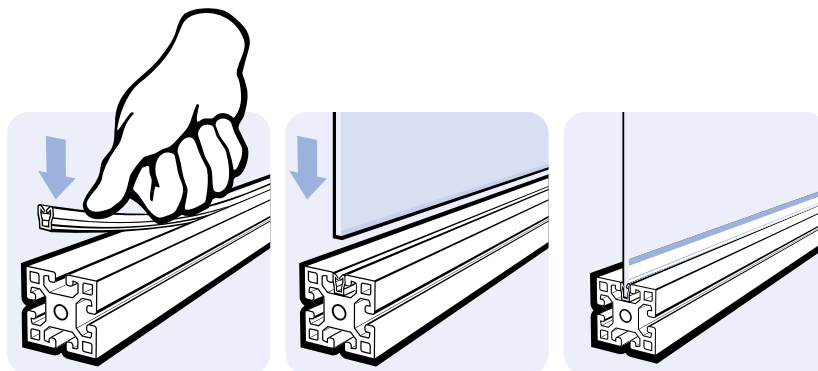
Color	A [mm]	Slot	for Panel	Weight [g]	Profile	Part #
Gray ≈ RAL 7042	30.0	8	2 - 4 mm	378.0	I	<a href="#">092340</a>
	28.0	8	4 - 6 mm	367.0	I	<a href="#">092347S01</a>
	26.0	8	6 - 8 mm	362.0	I	<a href="#">092345</a>

**COVER AND REDUCTION PROFILE B SLOT 10 FLAT**

<b>MODEL</b>	Plastic PP + TPE, slot 10
<b>DESCRIPTION</b>	To secure panels with a thickness of 4 - 6 mm
<b>MATERIAL</b>	Plastic PP + TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

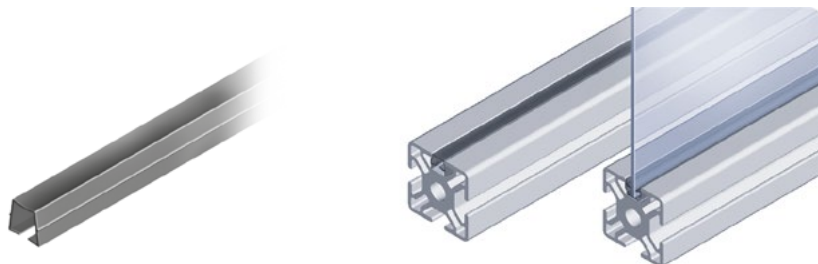
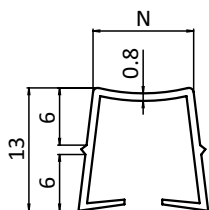


N	Weight [g/m]	Profile	Part #
10	39.0	B	092260

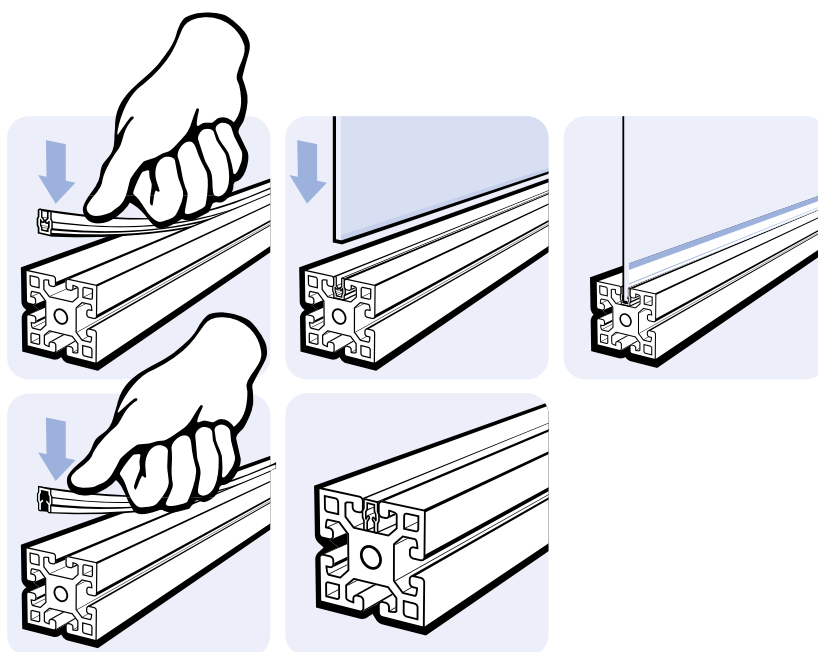


**COVER AND REDUCTION PROFILE B SLOT 10 DEEP**

<b>MODEL</b>	Plastic PP + TPE, slot 10
<b>DESCRIPTION</b>	To cover size 10 profile slots and to secure panels with a thickness of 2 - 6 mm
<b>MATERIAL</b>	Plastic PP + TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

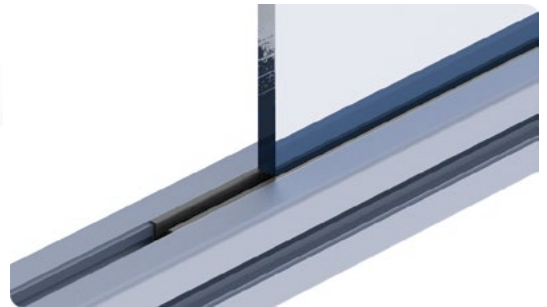
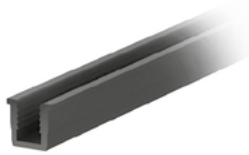
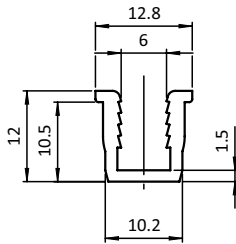


N	Weight [g/m]	Profile	Part #
10	34.0	B	092243

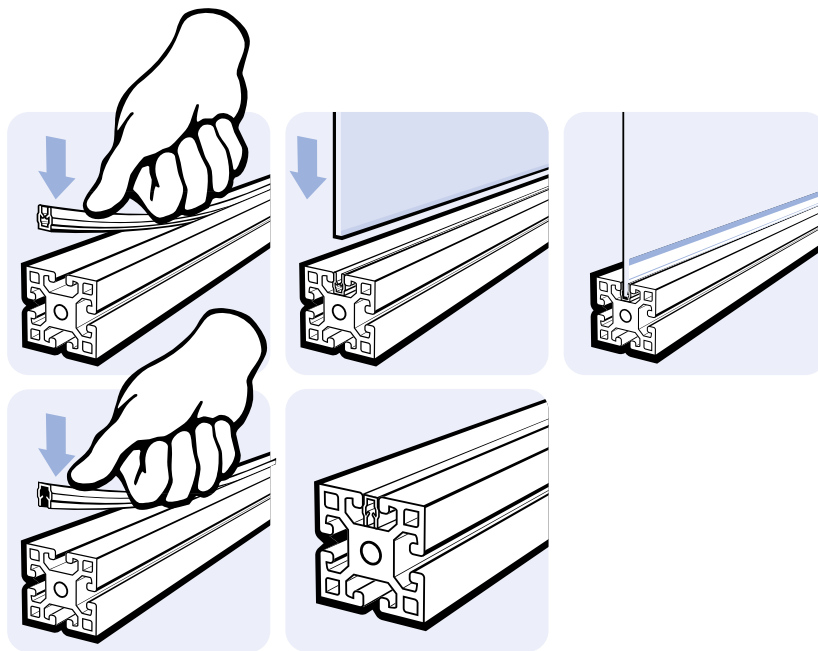


**REDUCTION PROFILE B SLOT 10 / 6 MM**

<b>MODEL</b>	Plastic PE, slot 10
<b>DESCRIPTION</b>	To secure panels with a thickness of 6 mm
<b>MATERIAL</b>	Plastic PE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 meters (50 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters!

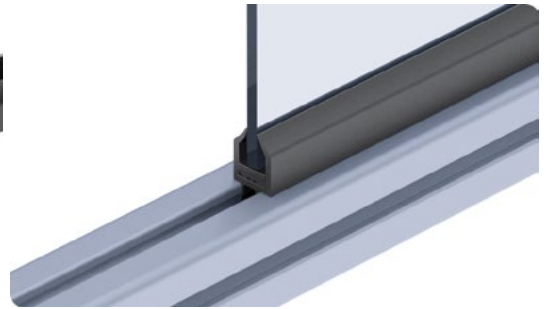
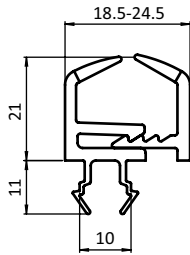


Slot	Weight [g/m]	Profile	Part #
10	110.3	B	092094

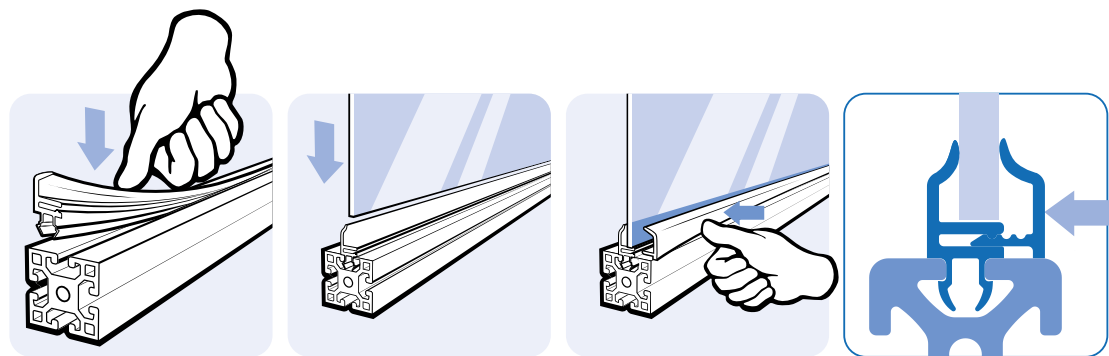


**HOLDER PROFILE SLOT 10**

<b>MODEL</b>	Plastic PP + TPE; slot 10, can be fitted subsequently
<b>DESCRIPTION</b>	For subsequent insertion of panels of size 2.0 - 10.0 mm, creates a sealed connection against spray water and dust
<b>MATERIAL</b>	Plastic PP + TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	50 meters (25 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters!

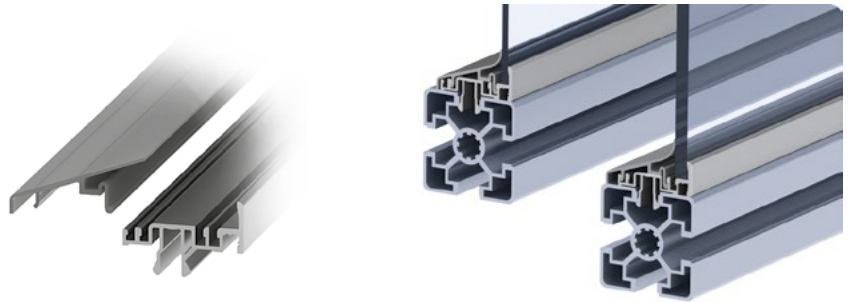
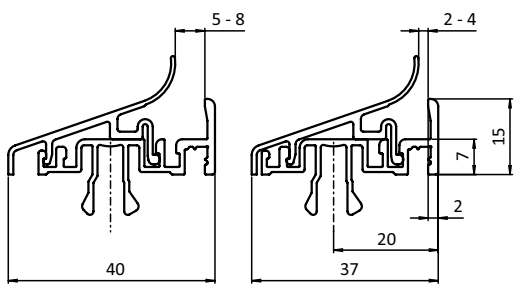


Weight [g/m]	Profile	Part #
176.0	B	092244



INSERT PROFILE AL

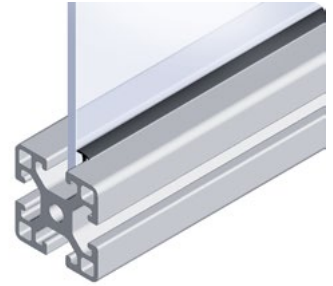
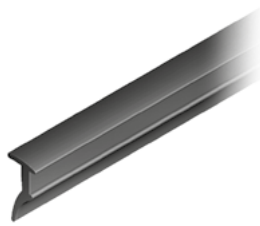
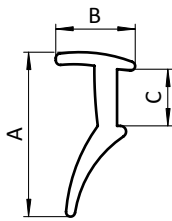
<b>MODEL</b>	Aluminum and plastics PP + TPE, slot 10, subsequently applicable
<b>DESCRIPTION</b>	To insert panels with 2.0 to 8.0 mm thickness subsequently into assebled structures
<b>MATERIAL</b>	Support strip AL: Aluminum Glazing strip: PP + TPE
<b>SURFACE</b>	Support strip: Anodized
<b>COLOR</b>	Glazing strip: Gray ≈ RAL 7035
<b>PACK QUANTITY</b>	20 meters (10 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters! For a complete insert profile, please order two products: Support Strip AL 092252 + Glazing Strip 092253



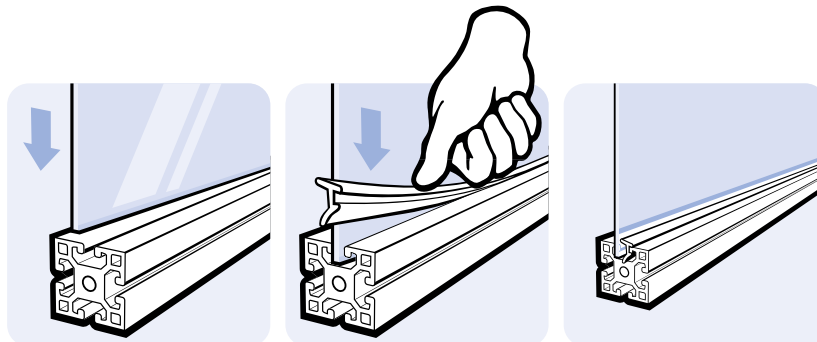
Version	Slot 10	Weight [g]	Profile	Part #
Support strip AL	10	240.0	B	<a href="#">092252</a>
Glazing strip	10	60.0	B	<a href="#">092253</a>

**PLUG-IN PROFIL 1.9 / 3 - 2**

<b>MODEL</b>	Plastic TPE, slot 5, 6, 8, 10
<b>DESCRIPTION</b>	To secure panels in the slot and fill the slot
<b>MATERIAL</b>	Plastic TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 meters (spool)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters! *Best wetted with soapy water prior to assembly



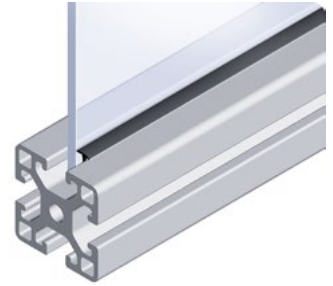
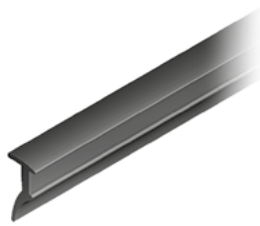
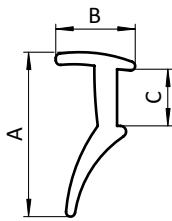
A [mm]	B [mm]	Slot	C [mm]	for Panel	Weight [g/m]	Profile	Part #
7.6	6.2	5	1.9	2 - 3 mm	16.0	I	<a href="#">092063</a>



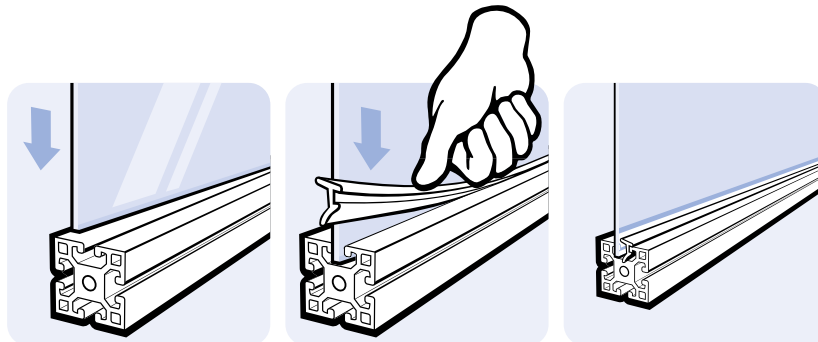


**PLUG-IN PROFIL 3.0 / 4 - 2**

<b>MODEL</b>	Plastic TPE, slot 5, 6, 8, 10
<b>DESCRIPTION</b>	To secure panels in the slot and fill the slot
<b>MATERIAL</b>	Plastic TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 meters (spool)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters! *Best wetted with soapy water prior to assembly

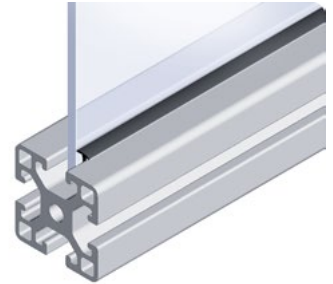
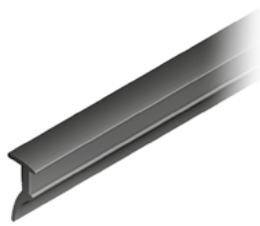
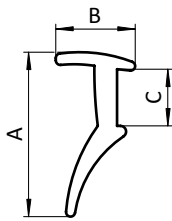


A [mm]	B [mm]	Slot	C [mm]	for Panel	Weight [g/m]	Profile	Part #
8.7	7.0	6	3.0	2 - 3 (4*) mm	20.0	I	<a href="#">092064</a>

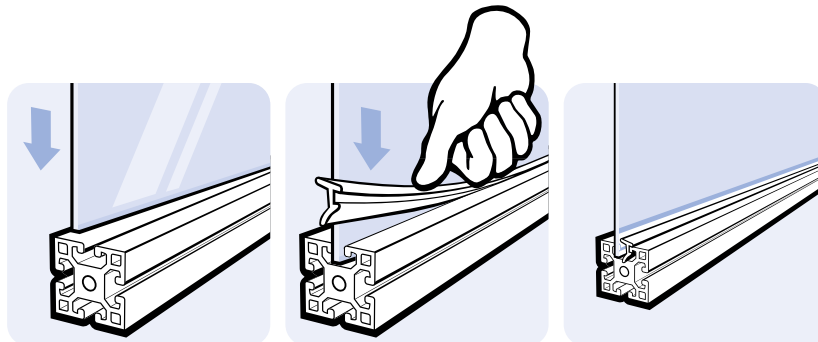


**PLUG-IN PROFIL 4.7 / 4 - 2**

<b>MODEL</b>	Plastic TPE, slot 5, 6, 8, 10
<b>DESCRIPTION</b>	To secure panels in the slot and fill the slot
<b>MATERIAL</b>	Plastic TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 meters (spool)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters! *Best wetted with soapy water prior to assembly

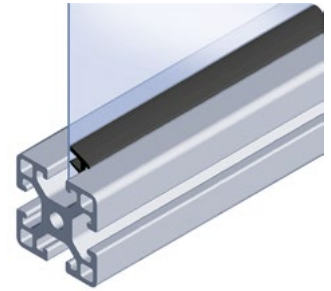
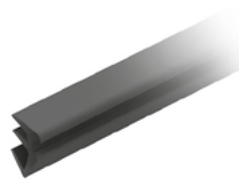
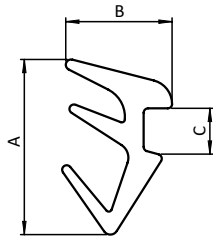


A [mm]	B [mm]	Slot	C [mm]	for Panel	Weight [g/m]	Profile	Part #
14.0	7.0	8 / 10	4.7	4 - 6 mm / 6 - 7 (8*) mm	30.8	I / I	<a href="#">092066</a>

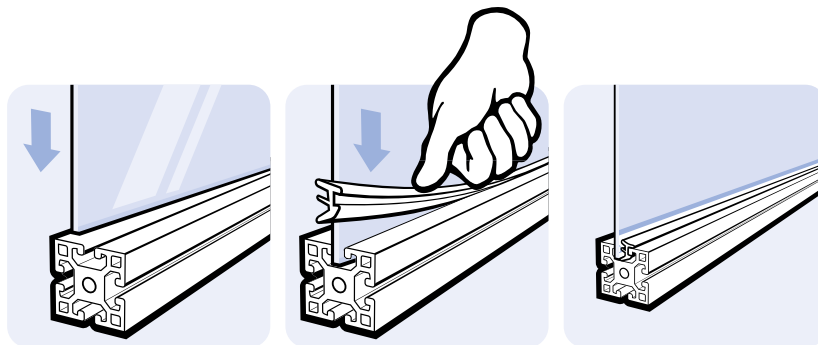


**PLUG-IN PROFIL 3.0 / 4 - 5**

<b>MODEL</b>	Plastic EPDM, Slot 8
<b>DESCRIPTION</b>	To secure panels in the slot and fill the slot; with reduced surface friction to ease the application
<b>MATERIAL</b>	Plastic EPDM coated with sliding polymer
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 meters (spool)
<b>TIP</b>	Please note: You are ordering in meters! *Best wetted with soapy water prior to assembly

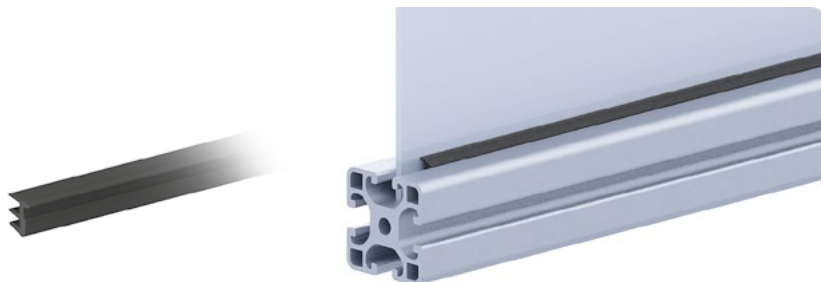
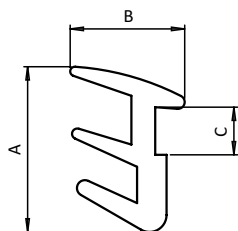


A [mm]	B [mm]	Slot	C [mm]	for Panel	Weight [g/m]	Profile	Part #
11.6	7.0	8	3.0	4 - 5 (6*) mm	37.0	B	092256

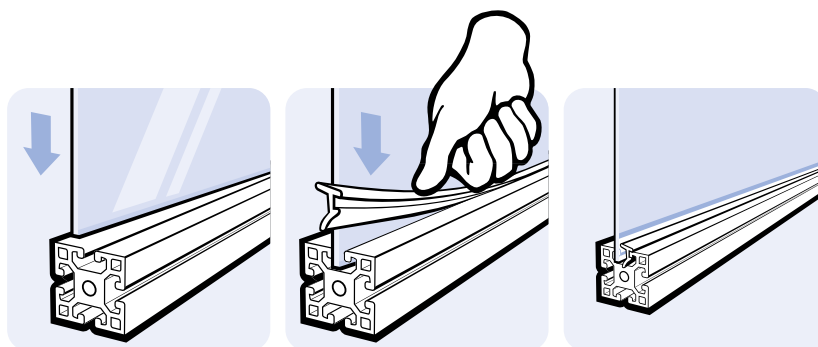


**PLUG-IN PROFIL 4.2 / 6 - 4**

<b>MODEL</b>	Plastic TPE, slot 8+10
<b>DESCRIPTION</b>	To secure panels in the slot and fill the slot
<b>MATERIAL</b>	Plastic TPE
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 meters (spool)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters! *Best wetted with soapy water prior to assembly

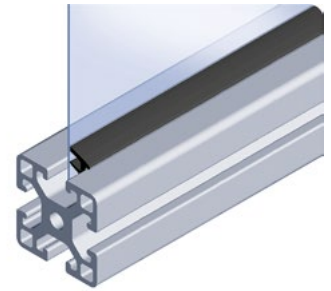
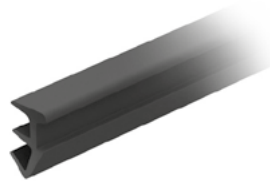
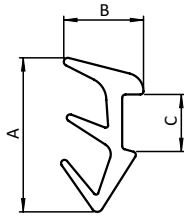


Color	A [mm]	B [mm]	Slot	C [mm]	for Panel	Weight [g/m]	Profile	Part #
Black	14.6	10.1	8 / 10	4.2	2 - 4 mm / 4 - 5 (6*) mm	90.0	I	<a href="#">092093</a>
Gray ≈ RAL 7042	14.6	10.1	8 / 10	4.2	2 - 4 mm / 4 - 5 (6*) mm	90.0	I	<a href="#">092093S02</a>

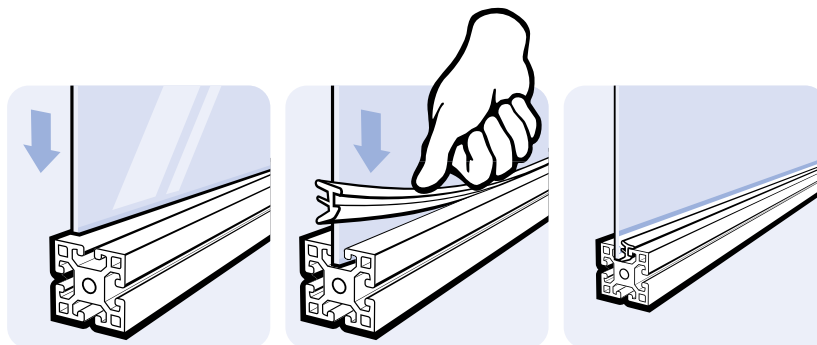


**PLUG-IN PROFIL 5.0 / 6 - 4**

<b>MODEL</b>	Plastic EPDM, slot 8+10
<b>DESCRIPTION</b>	To secure panels in the slot and fill the slot; with reduced surface friction to ease the application
<b>MATERIAL</b>	Plastic EPDM coated with sliding polymer
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 meters (spool)
<b>TIP</b>	Please note: You are ordering in meters!

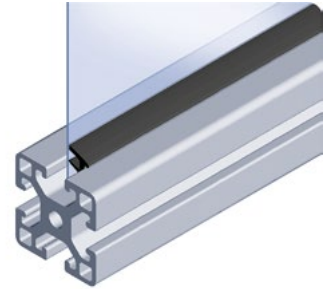
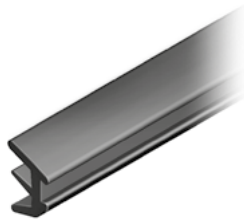
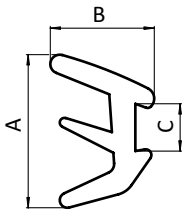


A [mm]	B [mm]	Slot	C [mm]	for Panel	Weight [g/m]	Profile	Part #
14.7	8.6	8 / 10	5.0	2 - 4 mm / 4 - 6 mm	53.0	I	<a href="#">092255</a>
13.5	7.0	8 / 10	5.0	4 - 6 mm / 6 - 7 mm	40.0	I	<a href="#">092254</a>

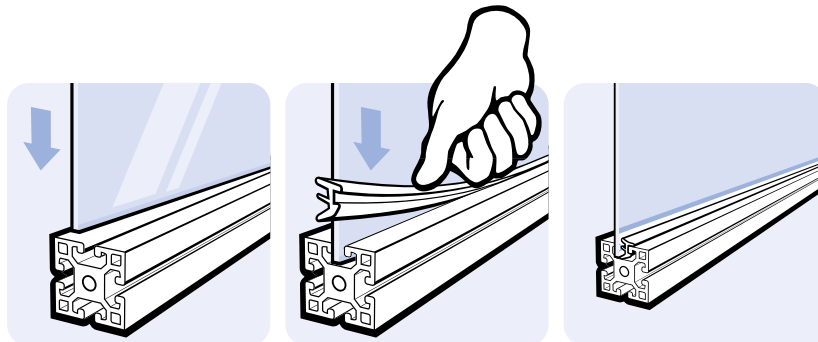


**PLUG-IN PROFIL 6.9 / 6 - 4**

<b>MODEL</b>	Plastic TPE, slot 8+10
<b>DESCRIPTION</b>	To secure panels in the slot and fill the slot
<b>MATERIAL</b>	Plastic TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 meters (spool)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters! *Best wetted with soapy water prior to assembly

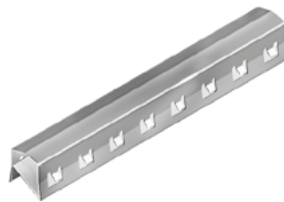
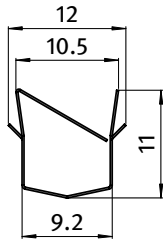


A [mm]	B [mm]	Slot	C [mm]	for Panel	Weight [g/m]	Profile	Part #
18.0	11.8	8 / 10 / 10	4.5	2 - 4 mm / 4 - 6 mm / 4 (5*) mm	70.0	I / I / B	092065

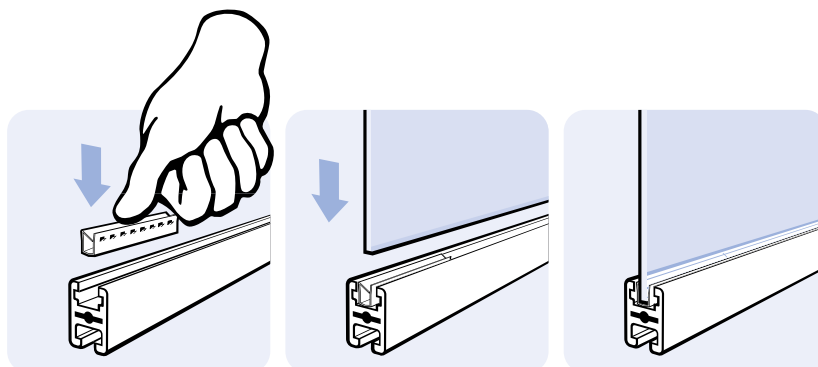


**CLAMPING SPRING FOR CLAMP PROFIL 18 X 32**

<b>MODEL</b>	Stainless Steel, for Clamp Slot 10
<b>DESCRIPTION</b>	To fix panels 2 - 9 mm in the slot
<b>MATERIAL</b>	Stainless steel SS303
<b>SURFACE</b>	Plain
<b>LENGTH</b>	80 mm
<b>PACK QUANTITY</b>	100 pieces at 80 mm
<b>TIP</b>	Compatible Sliding Door Guide see 093084S01 et sq.

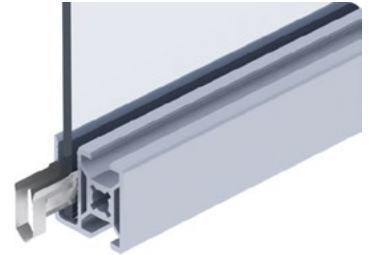
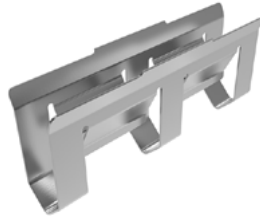
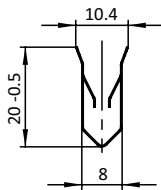


	Weight [g]	Profile	Part #
	4.0	I	092090

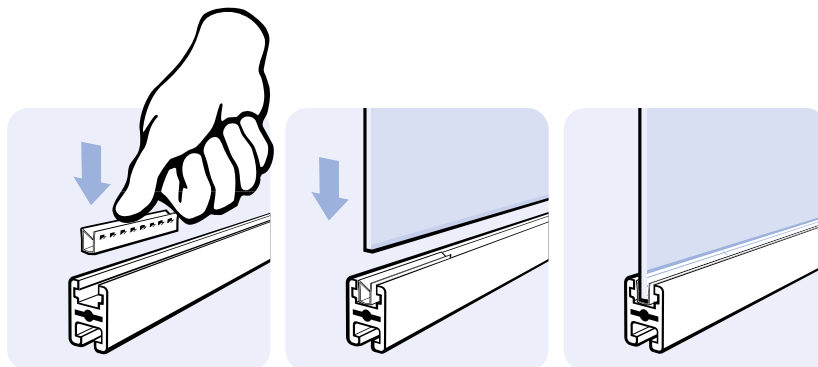


**CLAMPING SPRING FOR PROTECTIVE FENCE PROFILES 30 X 30 WG**

<b>MODEL</b>	Spring steel
<b>DESCRIPTION</b>	To fix panels 2 - 4 mm in a clamp slot for $\varnothing$ 3 mm wire mesh frames, or panels 4 - 5 mm in a clamp slot for $\varnothing$ 4 mm wire mesh frames; recommended number: ca. 4 pcs. per 1 m
<b>MATERIAL</b>	Spring steel C60S
<b>SURFACE</b>	Plain
<b>LENGTH</b>	45 mm
<b>PACK QUANTITY</b>	100 pieces at 45 mm



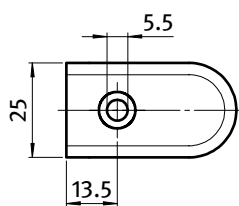
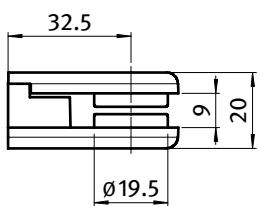
	Weight [g]	Profile	Part #
	3.0	B	092096





**GLASS PANEL CLAMP (SET)**

<b>MODEL</b>	Zinc die-cast, with assembly set
<b>DESCRIPTION</b>	To fix glass and other panels
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>SET</b>	1 glass panel clamp, 1 screw M5 x 16, 5 rubber pads for panels 2 - 9 mm
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request

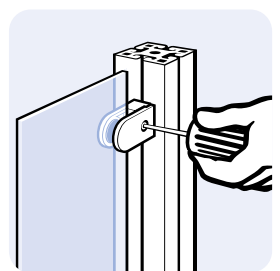
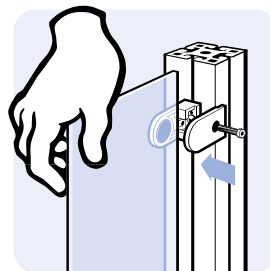
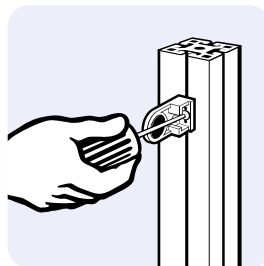
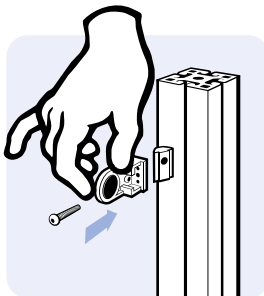
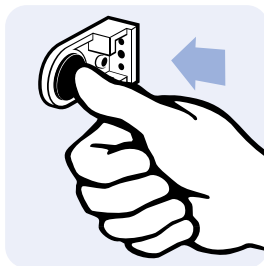
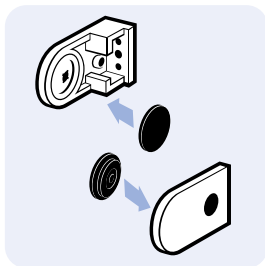


Weight [g]

Part #

74.0

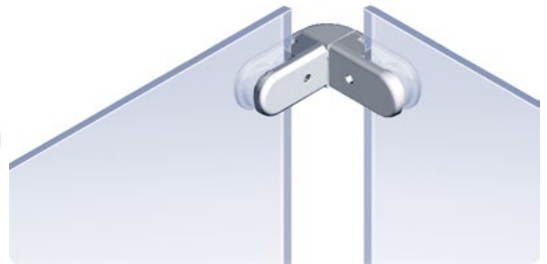
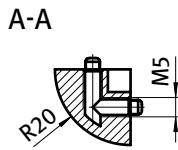
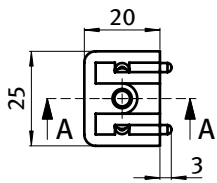
093310



10

**CORNER CONNECTOR FOR GLASS PANEL CLAMP (SET)**

<b>MODEL</b>	For glass panel clamp, zinc die-cast
<b>DESCRIPTION</b>	To make a corner connection with two panels using two glass panel clamps (2 sets)
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Alu color
<b>SET</b>	1 corner connector, 2 screws M5 x 12
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request

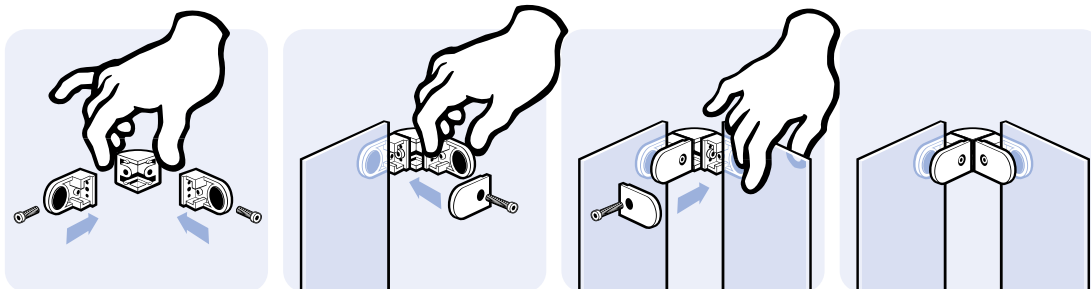


Weight [g]

Part #

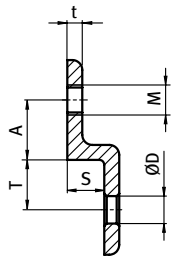
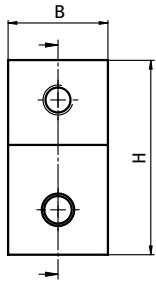
37.0

093320



PANEL HOLDER

<b>MODEL</b>	Aluminum
<b>DESCRIPTION</b>	To attach panels easily to aluminum profiles
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	10 pieces



for Profile	A [mm]	B [mm]	H [mm]	T [mm]	ØD [mm]	t [mm]	M	S [mm]	Weight [g]	Part #
20	12.0	20.0	39.0	10.0	5.5	3.0	M6	7.4	10.0	<a href="#">093P20N</a>
30	23.0	30.0	68.0	15.0	9.0	6.0	M8	11.0	36.3	<a href="#">093P30N</a>
40	24.0	40.0	78.0	20.0	9.0	6.0	M8	16.0	60.0	<a href="#">093P40N</a>
45	26.5	45.0	88.0	22.5	9.0	6.0	M8	17.5	75.0	<a href="#">093P45N</a>



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**COVER ELEMENTS**



































**11**

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## COVER ELEMENTS

	<b>COVER AND REDUCTION PROFILE I SLOT 5</b>	<b>964</b>		<b>COVER CAP FOR CORNER PROTECTION PROFILE 40</b>	<b>982</b>
	<b>COVER AND REDUCTION PROFILE B SLOT 6</b>	<b>965</b>		<b>COVER PROFILE EPDM</b>	<b>983</b>
	<b>COVER AND REDUCTION PROFILE I SLOT 6</b>	<b>966</b>		<b>COVER CAP FOR 20 MM MODULAR DIMENSION</b>	<b>984</b>
	<b>COVER PROFILE SLOT 6 - 3.0</b>	<b>967</b>		<b>COVER CAP FOR 30 MM MODULAR DIMENSION</b>	<b>985</b>
	<b>COVER AND REDUCTION PROFILE I SLOT 8</b>	<b>968</b>		<b>COVER CAP FOR 40 MM MODULAR DIMENSION</b>	<b>987</b>
	<b>COVER AND REDUCTION PROFILE B SLOT 8</b>	<b>969</b>		<b>COVER CAP FOR 45 MM MODULAR DIMENSION</b>	<b>990</b>
	<b>COVER AND REDUCTION PROFILE M45 SLOT 8</b>	<b>970</b>		<b>COVER CAP FOR 50 MM MODULAR DIMENSION</b>	<b>992</b>
	<b>COVER PROFILE SLOT 8 - 2.2</b>	<b>971</b>		<b>COVER CAP FOR 60 MM MODULAR DIMENSION</b>	<b>993</b>
	<b>COVER PROFILE SLOT 8 - 4.5</b>	<b>972</b>		<b>COVER CAP FOR CLAMP PROFILE</b>	<b>994</b>
	<b>COVER PROFILE SLOT 10 - 6.0</b>	<b>973</b>		<b>COVER CAP FOR WIRE MESH FRAME PROFILE</b>	<b>995</b>
	<b>COVER PROFILE AL SLOT 10 - 6.0</b>	<b>974</b>		<b>COVER CAP SCREW-ON TYPE</b>	<b>996</b>
	<b>COVER AND REDUCTION PROFILE B SLOT 10 FLAT</b>	<b>975</b>		<b>SCREW FOR COVER CAP SCREW-ON TYPE</b>	<b>997</b>
	<b>COVER AND REDUCTION PROFILE B SLOT 10 DEEP</b>	<b>976</b>		<b>COVER CAP ZN SCREW-ON TYPE</b>	<b>998</b>
	<b>COVER PROFILE SLOT 15</b>	<b>977</b>		<b>COVER CAP FOR CONDUIT PROFILE</b>	<b>999</b>
	<b>COVER PROFILE NBR</b>	<b>978</b>		<b>COVER CAP FOR SUSPENSION PROFILE</b>	<b>1000</b>
	<b>SIDE PROTECTION PROFILE 40, SLOT 8</b>	<b>979</b>		<b>COVER CAP FOR C-RAIL PROFILE I (SET)</b>	<b>1001</b>
	<b>CORNER PROTECTION PROFILE 40, SLOT 8</b>	<b>980</b>		<b>COVER CAP FOR C-SLIDE PROFILE I (SET)</b>	<b>1002</b>
	<b>COVER CAP FOR SIDE AND CORNER PROTECTION PROFILE 40</b>	<b>981</b>		<b>COVER CAP FOR COVER PROFILE</b>	<b>1003</b>



COVER CAP FOR BOREHOLES

1004

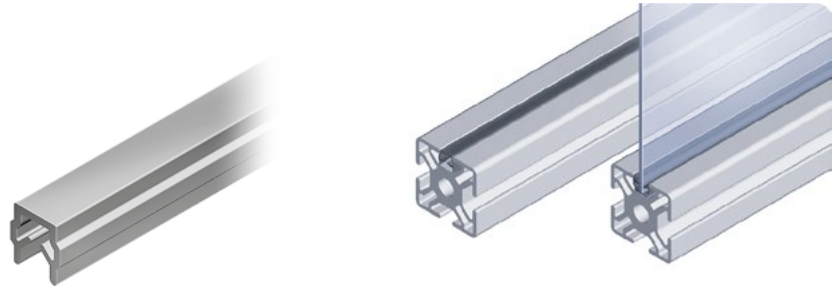
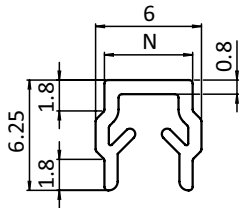


CLIP 8

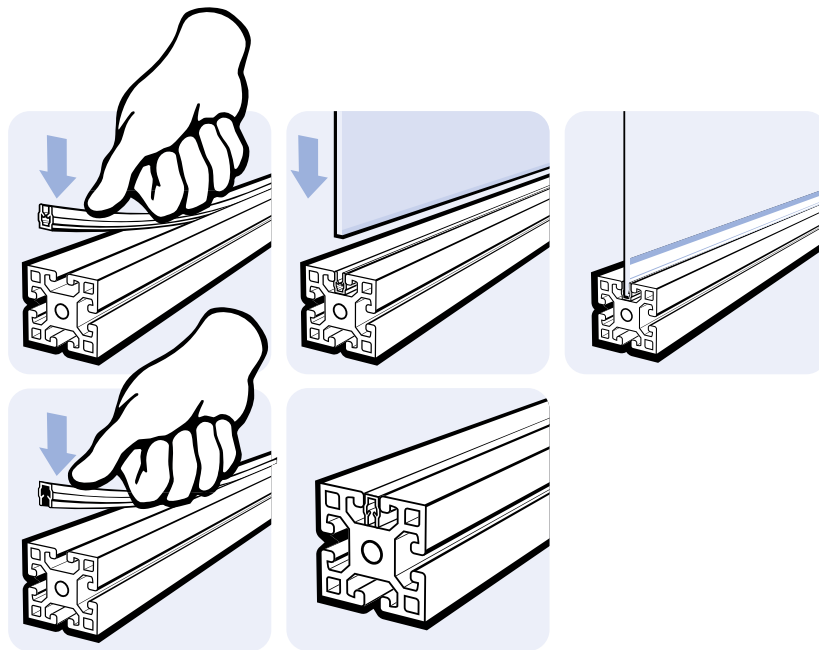
1005

**COVER AND REDUCTION PROFILE | SLOT 5**

<b>MODEL</b>	Plastic PP, slot 5
<b>DESCRIPTION</b>	To cover size 5 profile slots and to secure panels with a thickness of 2 - 3 mm
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, gray, natural
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!



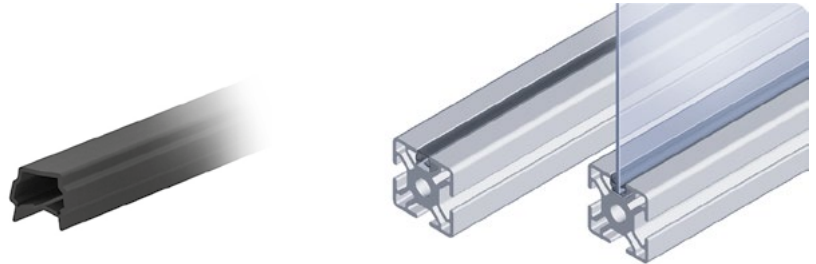
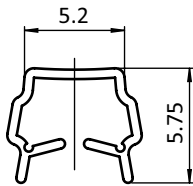
	Color	N	Weight [g/m]	Profile	Part #
	Black	5	26.0	I	<a href="#">092045</a>
	Gray ≈ RAL 7042	5	26.0	I	<a href="#">092045S07</a>
	Natural	5	26.0	I	<a href="#">092047</a>



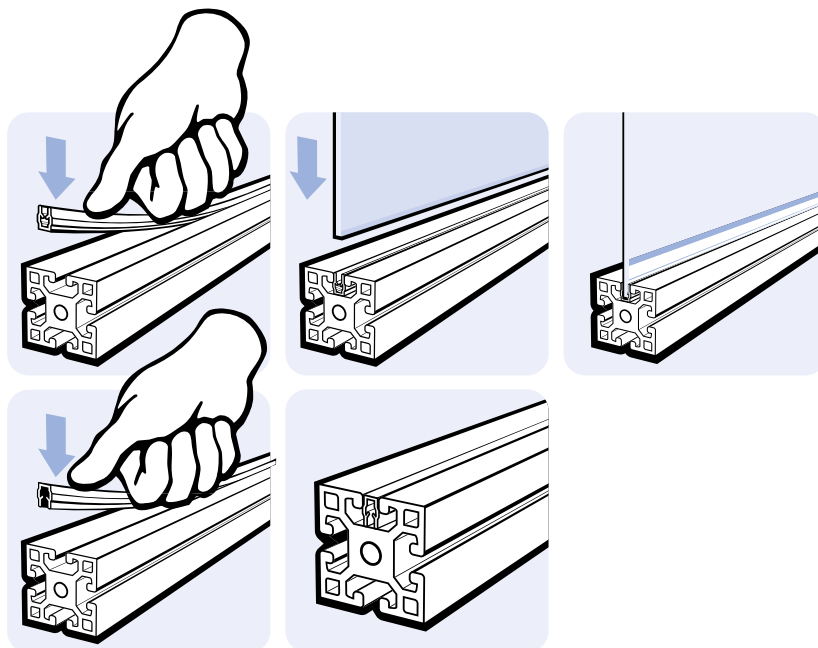


**COVER AND REDUCTION PROFILE B SLOT 6**

<b>MODEL</b>	Plastic PP, slot 6
<b>DESCRIPTION</b>	To cover size 6 profile slots and to secure panels with a thickness of 1 - 4 mm
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

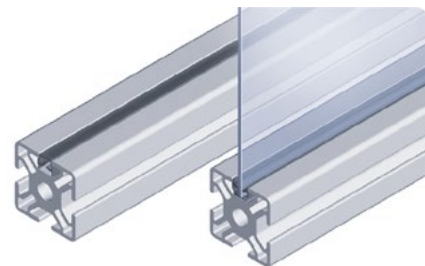
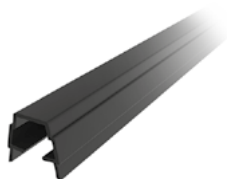
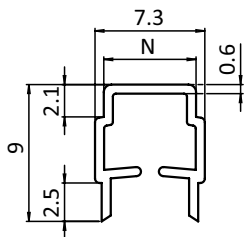


Slot	Weight [g/m]	Profile	Part #
6	17.0	B	092246

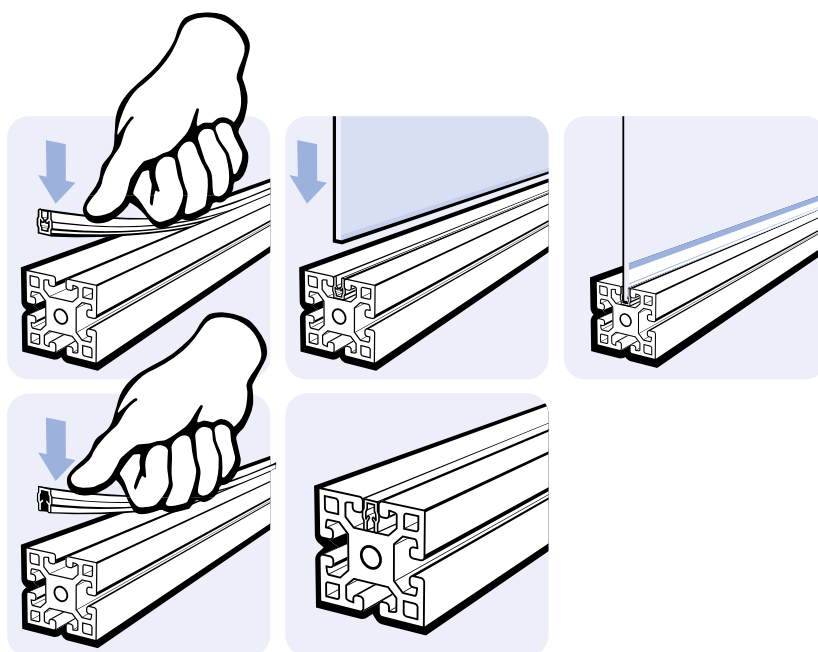


**COVER AND REDUCTION PROFILE | SLOT 6**

<b>MODEL</b>	Plastic PP, slot 6
<b>DESCRIPTION</b>	To cover size 6 profile slots and to secure panels with a thickness of 2 - 3.5 mm
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, gray, natural
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

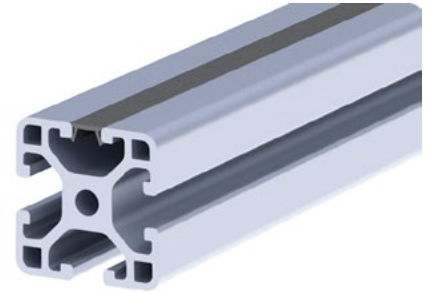
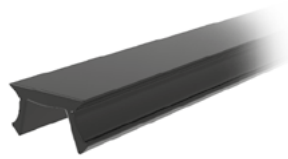
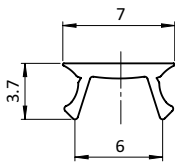


Color	N	Weight [g/m]	Profile	Part #
Black	6	26.0	I	<a href="#">092033</a>
Gray ≈ RAL 7035	6	26.0	I	<a href="#">092033S01</a>
Natural	6	26.0	I	<a href="#">092034</a>
Gray ≈ RAL 7042	6	26.0	I	<a href="#">092033S05</a>

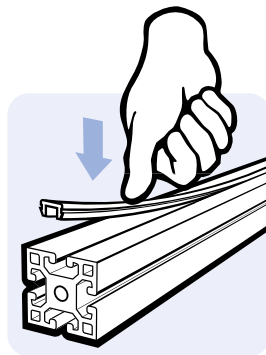


**COVER PROFILE SLOT 6 - 3.0**

<b>MODEL</b>	Plastic PP, slot 6
<b>DESCRIPTION</b>	To cover T-Slots with 6 mm width and a 3.0 mm profile web
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, gray, natural, alu color
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

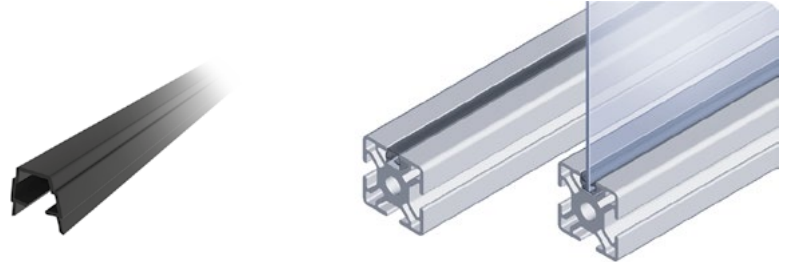
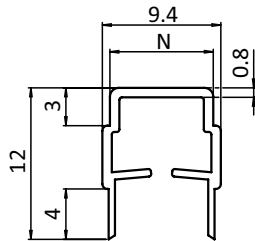


	Color	Slot	Weight [g/m]	Profile	Part #
	Black	6	11.0	I	<a href="#">092130</a>
	Gray ≈ RAL 7035	6	11.0	I	<a href="#">092130S02</a>
	Gray ≈ RAL 7042	6	11.0	I	<a href="#">092130S03</a>
	Natural	6	11.0	I	<a href="#">092130S01</a>
	Alu color coated	6	11.0	I	<a href="#">092130A</a>

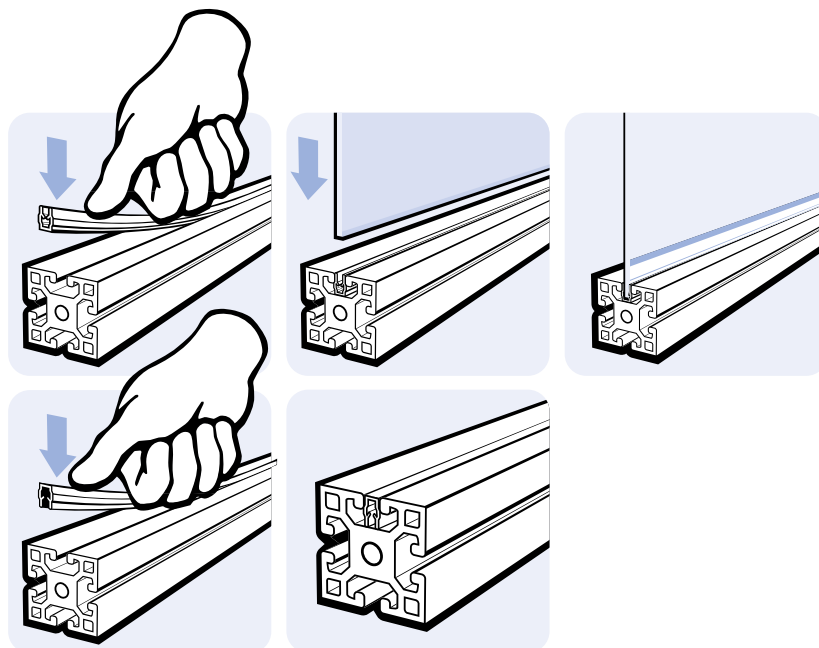


**COVER AND REDUCTION PROFILE | SLOT 8**

<b>MODEL</b>	Plastic PP, slot 8
<b>DESCRIPTION</b>	To cover size 8 profile slots and to secure panels with a thickness of 4 - 6 mm
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, yellow, orange, red, blue, gray, white aluminum, natural
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

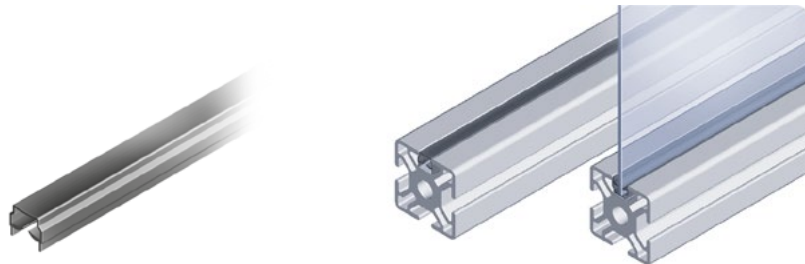
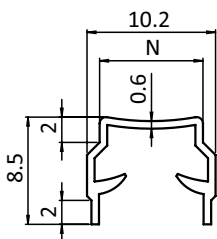


	Color	N	Weight [g/m]	Profile	Part #
	Black	8	26.0	I	092031
	Natural	8	26.0	I	092030
	Gray ≈ RAL 7035	8	26.0	I	092035
	Red ≈ RAL 3020	8	26.0	I	092036
	Blue ≈ RAL 5005	8	26.0	I	092037
	Yellow ≈ RAL 1018	8	26.0	I	092031S03
	White aluminum ≈ RAL 9006	8	26.0	I	092031S04
	Orange ≈ RAL 2008	8	26.0	I	092031S08
	Gray ≈ RAL 7042	8	26.0	I	092035S04

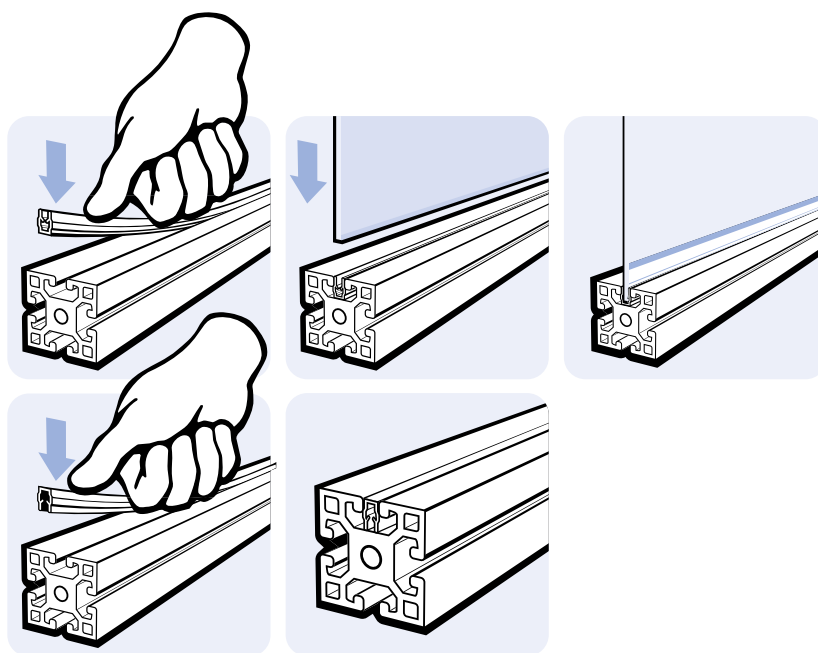


**COVER AND REDUCTION PROFILE B SLOT 8**

<b>MODEL</b>	Plastic PP + TPE, slot 8
<b>DESCRIPTION</b>	To cover size 8 profile slots and to secure panels with a thickness of 4 - 6 mm
<b>MATERIAL</b>	Plastic PP + TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

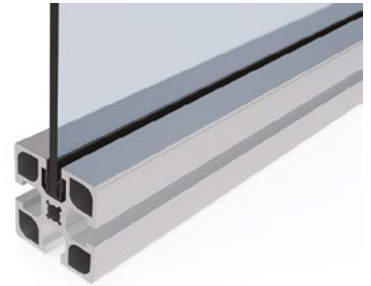
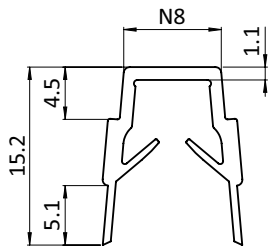


N	Weight [g/m]	Profile	Part #
8	25.0	B	092242

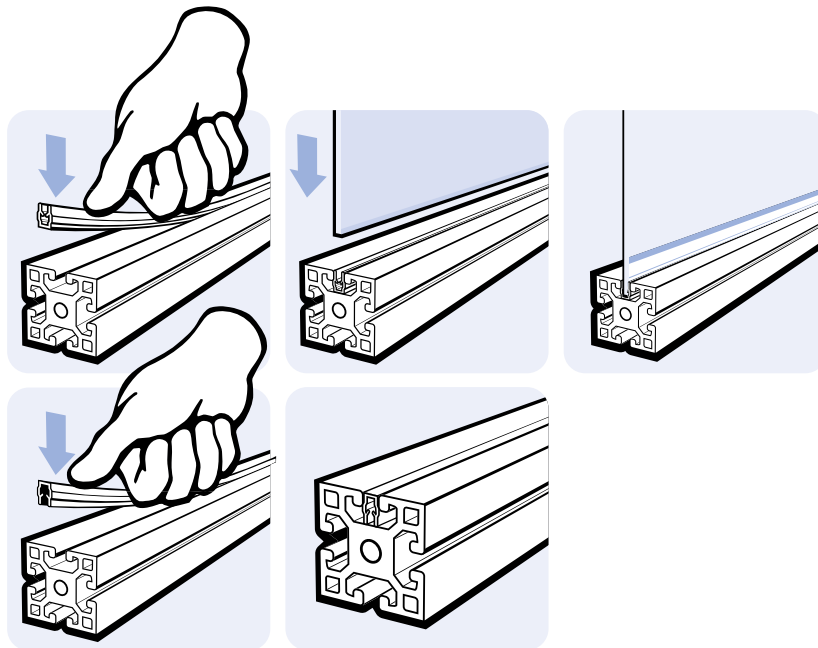


**COVER AND REDUCTION PROFILE M45 SLOT 8**

<b>MODEL</b>	Plastic PP, slot 8
<b>DESCRIPTION</b>	To cover size 8 profile slots and to secure panels with a thickness of 4 - 6 mm
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

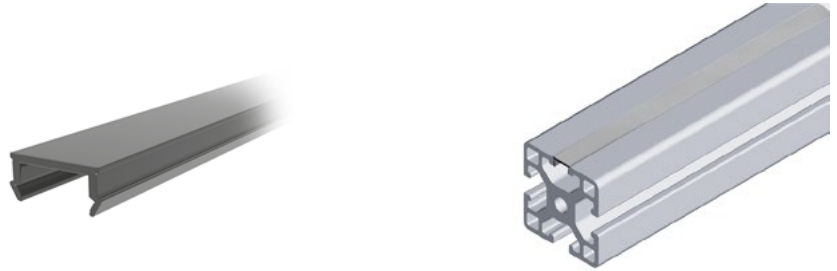
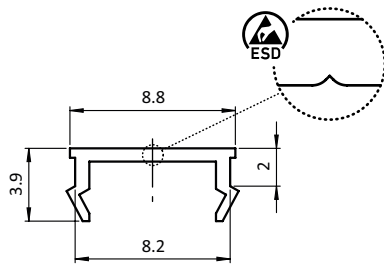


Color	Slot	Weight [g/m]	Part #
Black	8	56.0	<a href="#">092280</a>
Gray ≈ RAL 7035	8	56.0	<a href="#">092280S01</a>
Gray ≈ RAL 7042	8	56.0	<a href="#">092280S02</a>

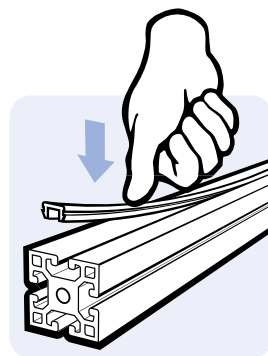


**COVER PROFILE SLOT 8 - 2.2**

<b>MODEL</b>	Plastic PP, slot 8
<b>DESCRIPTION</b>	To cover T-Slots with 8 width and a 2.2 mm profile web
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, yellow, red, blue, gray, natural, aluminum color
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!
<b>TIP 2</b>	ESD electrostatically discharging version: Notch at the bottom side

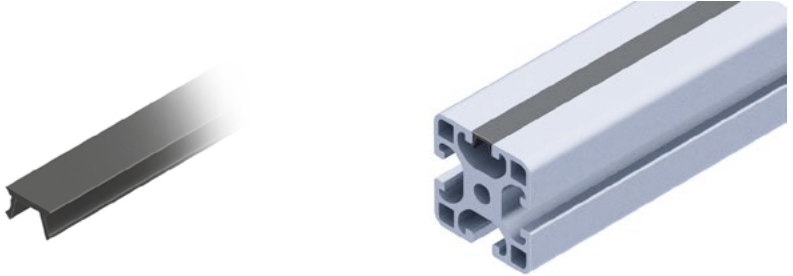
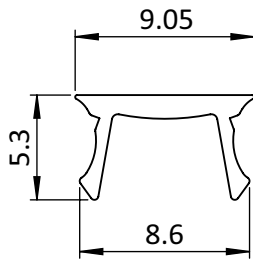


Color	ESD	Slot	Weight [g/m]	Profile	Part #
Black		8	10.0	B	<a href="#">092050</a>
	ESD electrostatical discharging	8	10.0	B	<a href="#">092050S12</a>
Yellow ≈ RAL 1018		8	10.0	B	<a href="#">092054</a>
Yellow ≈ RAL 1023		8	10.0	B	<a href="#">092050S16</a>
Red ≈ RAL 3020		8	10.0	B	<a href="#">092050S07</a>
Blue ≈ RAL 5005		8	10.0	B	<a href="#">092050S04</a>
Gray ≈ RAL 7035		8	10.0	B	<a href="#">092052</a>
Gray ≈ RAL 7004		8	10.0	B	<a href="#">092050S14</a>
Natural		8	10.0	B	<a href="#">092050S03</a>
Alu color coated		8	10.0	B	<a href="#">092050A</a>
	ESD electrostatical discharging	8	10.0	B	<a href="#">092050AS01</a>

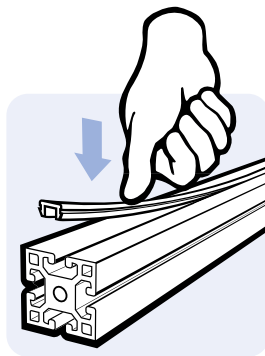


**COVER PROFILE SLOT 8 - 4.5**

<b>MODEL</b>	Plastic PP, slot 8
<b>DESCRIPTION</b>	To cover T-Slots with 8 mm width and a 4.5 mm profile web
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, yellow, gray, natural, alu color
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!



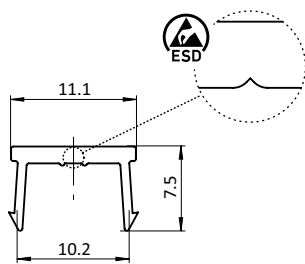
Color	ESD	Slot	Weight [g/m]	Profile	Part #
Black		8	16.0	I	<a href="#">092080</a>
	ESD electrostatical discharging	8	16.0	I	<a href="#">092080S03</a>
Yellow ≈ RAL 1018		8	16.0	I	<a href="#">092081</a>
Gray ≈ RAL 7035		8	16.0	I	<a href="#">092085</a>
Gray ≈ RAL 7042		8	16.0	I	<a href="#">092080S02</a>
Natural		8	16.0	I	<a href="#">092082</a>
Alu color coated		8	16.0	I	<a href="#">092080A</a>



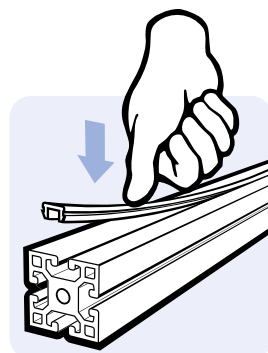


**COVER PROFILE SLOT 10 - 6.0**

<b>MODEL</b>	Plastic PP, slot 10
<b>DESCRIPTION</b>	To cover T-Slots with 10 mm width and a 6 mm profile web
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black, yellow, orange, red, blue, gray, green, white, natural, aluminum color
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!
<b>TIP 2</b>	ESD electrostatically discharging version: Notch at the bottom side

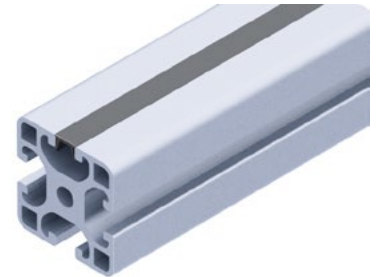
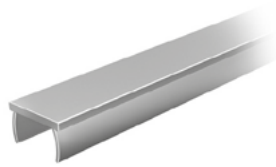
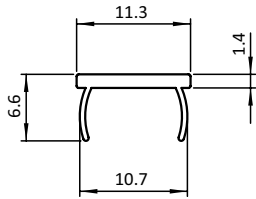


Color	ESD	Slot	Weight [g/m]	Profile	Part #
Black		10	28.1	B	<a href="#">092041</a>
	ESD electrostatical discharging	10	28.1	B	<a href="#">092041S08</a>
Yellow ≈ RAL 1018		10	28.1	B	<a href="#">092044</a>
Yellow ≈ RAL 1023		10	28.1	B	<a href="#">092044S01</a>
Orange ≈ RAL 2004		10	28.1	B	<a href="#">092043</a>
Red ≈ RAL 3020		10	28.1	B	<a href="#">092041S03</a>
Blue ≈ RAL 5005		10	28.1	B	<a href="#">092041S06</a>
Blue ≈ RAL 5021		10	28.1	B	<a href="#">092041S23</a>
Green ≈ RAL 6032		10	28.1	B	<a href="#">092041S11</a>
Gray ≈ RAL 7035		10	28.1	B	<a href="#">092042</a>
Gray ≈ RAL 7004		10	28.1	B	<a href="#">092041S21</a>
White ≈ RAL 9003		10	28.1	B	<a href="#">092041S05</a>
Natural		10	28.1	B	<a href="#">092041S13</a>
Alu color coated		10	28.1	B	<a href="#">092041A</a>
	ESD electrostatical discharging	10	28.1	B	<a href="#">092041AS01</a>

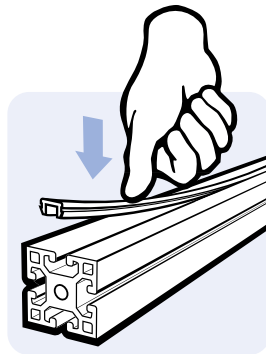


**COVER PROFILE AL SLOT 10 - 6.0**

<b>MODEL</b>	Aluminum, slot 10
<b>DESCRIPTION</b>	To cover T-Slots with 10 mm width and a 6 mm profile web
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Anodized
<b>PACK QUANTITY</b>	50 meters (25 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters!

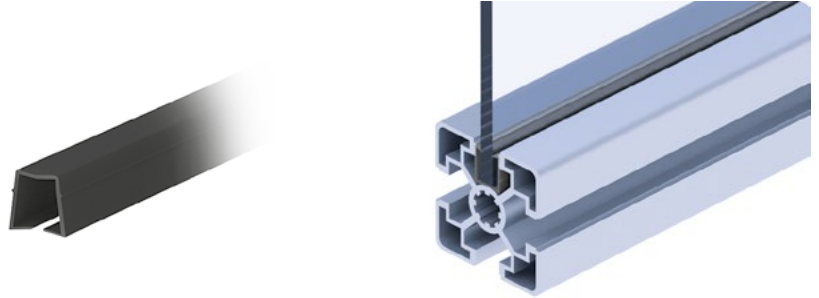
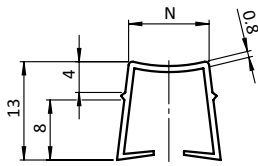


Slot	Weight [g/m]	Profile	Part #
10	56.5	B	<a href="#">092070</a>

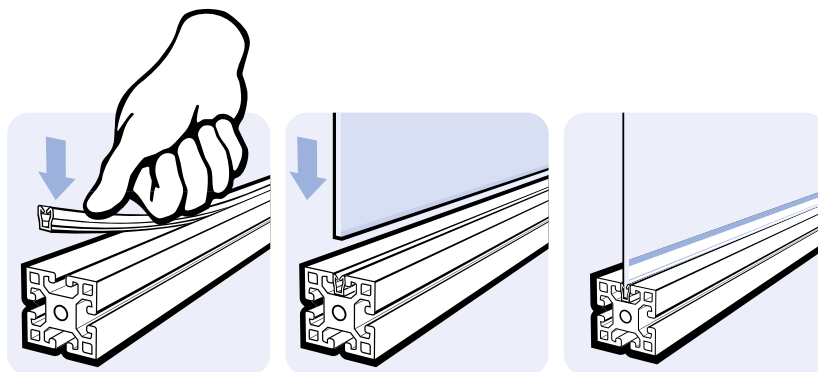


**COVER AND REDUCTION PROFILE B SLOT 10 FLAT**

<b>MODEL</b>	Plastic PP + TPE, slot 10
<b>DESCRIPTION</b>	To secure panels with a thickness of 4 - 6 mm
<b>MATERIAL</b>	Plastic PP + TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

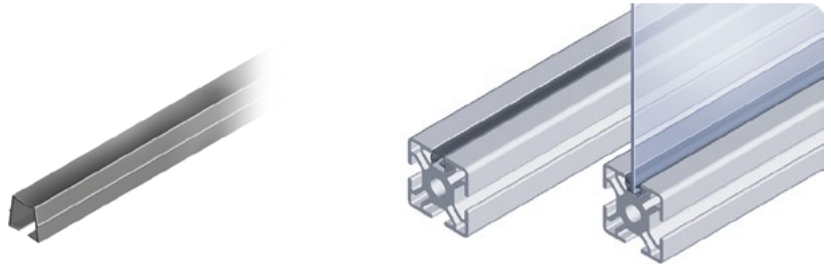
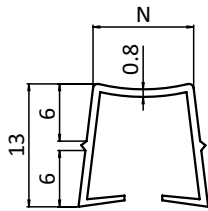


N	Weight [g/m]	Profile	Part #
10	39.0	B	092260

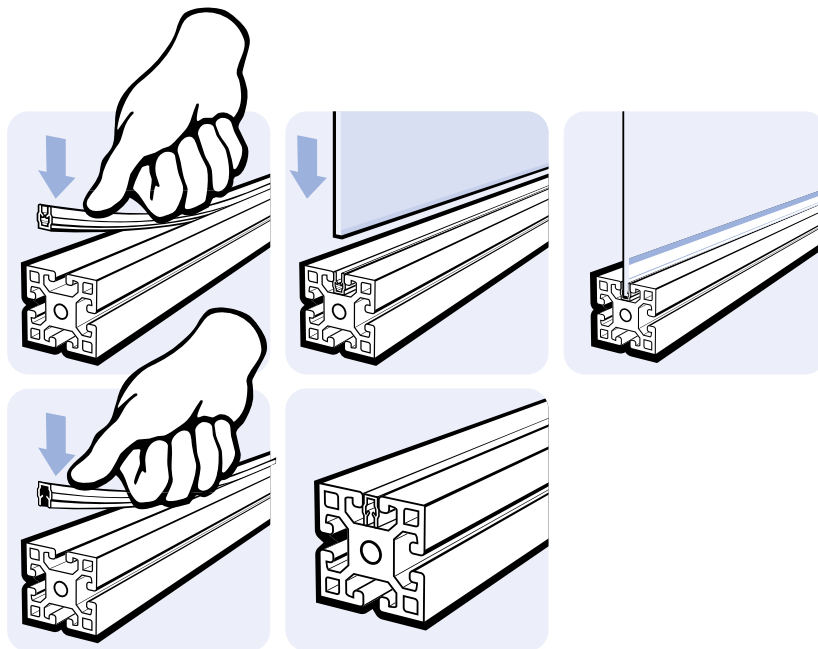


**COVER AND REDUCTION PROFILE B SLOT 10 DEEP**

<b>MODEL</b>	Plastic PP + TPE, slot 10
<b>DESCRIPTION</b>	To cover size 10 profile slots and to secure panels with a thickness of 2 - 6 mm
<b>MATERIAL</b>	Plastic PP + TPE
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!

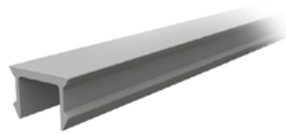
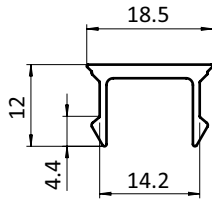


N	Weight [g/m]	Profile	Part #
10	34.0	B	092243



**COVER PROFILE SLOT 15**

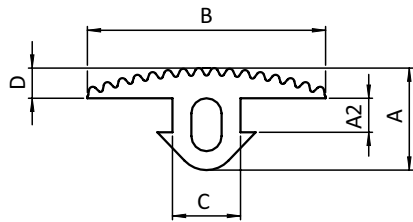
<b>MODEL</b>	Plastic PP, Slot 15
<b>DESCRIPTION</b>	To cover size 15 profile slots
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	50 meters (25 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters!



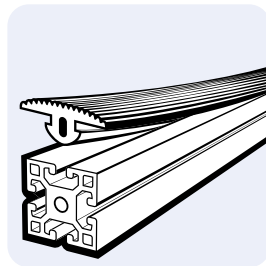
Color	Slot	Weight [g/m]	Profile	Part #
Gray ≈ RAL 7042	15	28.1	I	<a href="#">092266</a>

**COVER PROFILE NBR**

<b>MODEL</b>	Plastic NBR, Slot 6, 8
<b>DESCRIPTION</b>	To cover size 8 aluminum profile slots
<b>MATERIAL</b>	Plastic NBR, ≈ 80 Shore A
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	20 meters (spool)
<b>TIP</b>	Please note: You are ordering in meters!



A [mm]	D [mm]	B [mm]	Slot	A2 (Profile) [mm]	C [mm]	Weight [g/m]	Profile	Part #
11.0	3.0	26.0	6	2.6 (3.0)	6.5	103.0	I	<a href="#">092058</a>
13.5	4.0	31.5	8	4.5 (4.5)	9	210.0	I	<a href="#">092057</a>



**SIDE PROTECTION PROFILE 40, SLOT 8**

<b>MODEL</b>	Plastic TPE
<b>DESCRIPTION</b>	To prevent damages and injuries, impact protection by hollow chamber profile on aluminum profiles
<b>MATERIAL</b>	Plastic TPE, ≈ 70 Shore A
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	40 meters (20 pieces at 2 m)
<b>TIP</b>	Compatible Cover Cap for Side and Corner Protection Profile 40 see 091385S01 Compatible Corner Protection Profile 40, slot 8 see 092325S01
<b>TIP 2</b>	Please note: You are ordering in meters!

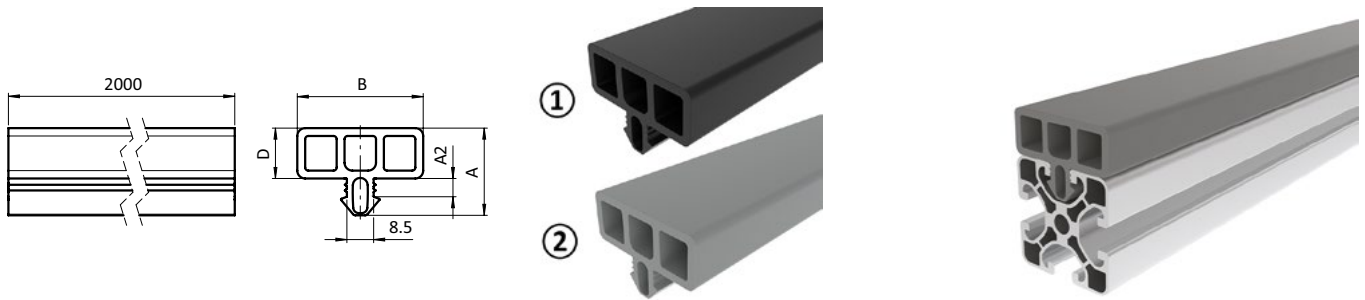


Fig.	Color	A [mm]	D [mm]	B [mm]	Slot	A2 (Profile) [mm]	Weight [g/m]	Profile	Part #
②	Gray ≈ RAL 7042	28.0	16.0	40.0	8	5.7 (4.5)	590.5	I	<a href="#">092324</a>
①	Black	28.0	16.0	40.0	8	5.7 (4.5)	590.5	I	<a href="#">092324S01</a>

**CORNER PROTECTION PROFILE 40, SLOT 8**

<b>MODEL</b>	Plastic TPE
<b>DESCRIPTION</b>	To prevent damages and injuries - also on the outer edge, impact protection by hollow chamber profile on aluminum profiles
<b>MATERIAL</b>	Plastic TPE, ≈ 70 Shore A
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	40 meters (20 pieces at 2 m)
<b>TIP</b>	Compatible Cover Cap for Side and Corner Protection Profile 40 see 091385 and 091386 Compatible Side Protection Profile 40, Slot 8 see 092324S01
<b>TIP 2</b>	Please note: You are ordering in meters!

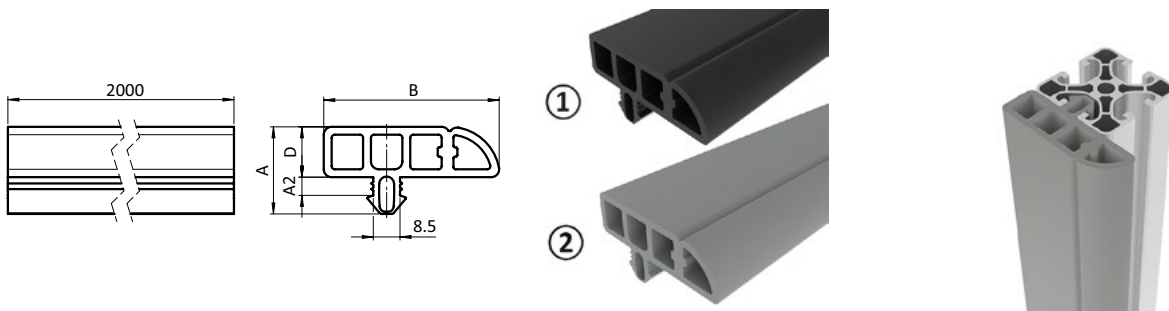


Fig.	Color	A [mm]	D [mm]	B [mm]	Slot	A2 (Profile) [mm]	Weight [g/m]	Profile	Part #
②	Gray ≈ RAL 7042	28.0	16.0	56.0	8	5.7 (4.5)	453.0	I	<a href="#">092325</a>
①	Black	28.0	16.0	56.0	8	5.7 (4.5)	453.0	I	<a href="#">092325S01</a>



**COVER CAP FOR SIDE AND CORNER PROTECTION PROFILE 40**

<b>MODEL</b>	Plastic TPE
<b>DESCRIPTION</b>	To cover the end of the side protection profile 40, slot 8
<b>MATERIAL</b>	Plastic TPE, ≈ 70 Shore A
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	20 pieces
<b>TIP</b>	Compatible Side Protection Profile 40, Slot 8 see 092324
<b>TIP 2</b>	Other colors on request

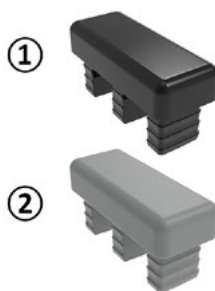
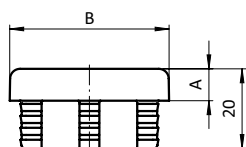
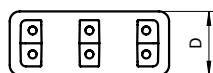


Fig.	Color	A [mm]	D [mm]	B [mm]	Weight [g]	Part #
②	Gray ≈ RAL 7042	8.0	16.0	40.0	6.5	<a href="#">091385</a>
①	Black	8.0	16.0	40.0	6.5	<a href="#">091385S01</a>

**COVER CAP FOR CORNER PROTECTION PROFILE 40**

<b>MODEL</b>	Plastic TPE
<b>DESCRIPTION</b>	To cover the end of the corner protection profile 40, slot 8
<b>MATERIAL</b>	Plastic TPE, ≈ 70 Shore A
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	20 pieces
<b>TIP</b>	Compatible Corner Protection Profile 40, Slot 8 see 092325
<b>TIP 2</b>	Other colors on request

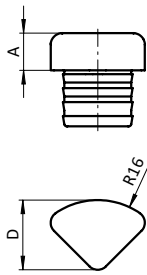
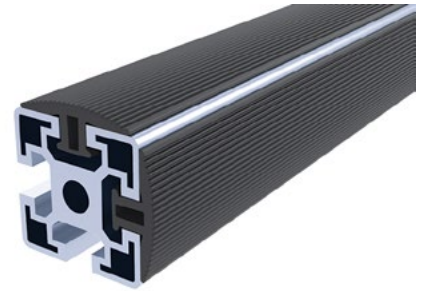
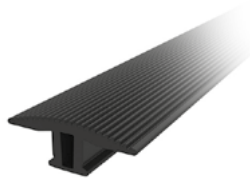
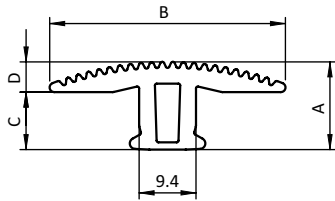


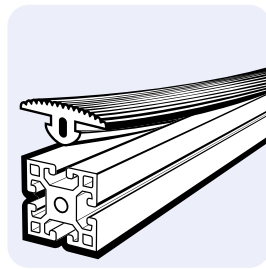
Fig.	Color	A [mm]	D [mm]	Weight [g]	Part #
②	Gray ≈ RAL 7042	8.0	15.0	2.3	<a href="#">091386</a>
①	Black	8.0	15.0	2.3	<a href="#">091386S01</a>

**COVER PROFILE EPDM**

<b>MODEL</b>	Plastic EPDM, slot 10
<b>DESCRIPTION</b>	To cover aluminum profiles
<b>MATERIAL</b>	Plastic EPDM
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	20 meters (spool)
<b>TIP</b>	Please note: You are ordering in meters!

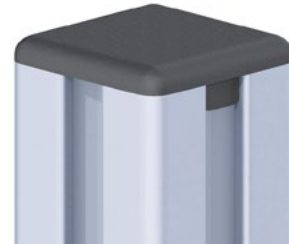
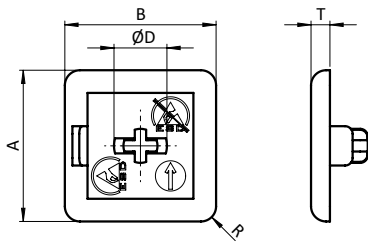


A [mm]	D [mm]	B [mm]	Slot	C [mm]	Weight [g/m]	Profile	Part #
14.5	5.0	39.0	10	9.4	278.0	B	<a href="#">092323</a>



COVER CAP FOR 20 MM MODULAR DIMENSION

<b>MODEL</b>	20 mm modular dimension
<b>DESCRIPTION</b>	To cover the end of the profile
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Slot	Dimensions A x B [mm]	Color	Feature	R [mm]	T [mm]	ØD [mm]	Weight [g]	Profile	Part #
5	10 x 20	Black	2 crosses	2.0	3.0	3.4 (3.3)	0.7	I	<a href="#">091125</a>
5	10 x 20	Gray ≈ RAL 7042	2 crosses	2.0	3.0	3.4 (3.3)	1.0	I	<a href="#">091125S01</a>
5	10 x 40	Black	2 pins	2.0	2.5	3.4 (3.3)	1.1	I	<a href="#">091236</a>
5	10 x 40	Gray ≈ RAL 7042	2 pins	2.0	2.5	3.4 (3.3)	1.0	I	<a href="#">091236S01</a>
5	20 x 20 R20 - 90°	Black	1 cross	1.8	2.5	4.45 (4.3)	1.0	I	<a href="#">091237</a>
5	20 x 20	Black	1 cross	2.5	4.0	4.5 (4.3)	1.5	I	<a href="#">091043</a>
5	20 x 20	Black	New version, 1 pin	2.0	2.5	4.5 (4.3)	1.1	I	<a href="#">091180</a>
5	20 x 20	Gray ≈ RAL 7042	New version, 1 pin	2.0	2.5	4.5 (4.3)	1.1	I	<a href="#">091180S02</a>
5	20 x 40	Black	2 crosses	2.5	4.0	4.5 (4.3)	3.5	I	<a href="#">091050</a>
5	20 x 40	Black	New version, 2 crosses	2.0	2.5	4.5 (4.3)	2.0	I	<a href="#">091181</a>
5	20 x 40	Gray ≈ RAL 7042	New version, 2 crosses	2.0	2.5	4.5 (4.3)	2.0	I	<a href="#">091181S02</a>
5	20 x 60	Black	3 crosses	2.0	2.5	4.5 (4.3)	3.0	I	<a href="#">091183</a>
5	20 x 60	Gray ≈ RAL 7042	3 crosses	2.0	2.5	4.5 (4.3)	3.0	I	<a href="#">091183S01</a>
5	40 x 40	Black	4 crosses	2.0	2.5	4.5 (4.3)	4.3	I	<a href="#">091182</a>
5	40 x 40	Gray ≈ RAL 7042	4 crosses	2.0	2.5	4.5 (4.3)	4.3	I	<a href="#">091182S01</a>
6	20 x 20	Black	1 cross	2.5	4.0	5.4 (5.5)	1.5	B	<a href="#">091042</a>
6	20 x 20	Gray ≈ RAL 7004	1 cross	2.5	4.0	5.4 (5.5)	1.5	B	<a href="#">091042S03</a>
6	20 x 20	Black	New version, 1 cross	1.5	2.5	5.7 (5.5)	1.0	B	<a href="#">091332</a>
6	20 x 20	Gray ≈ RAL 7004	1 cross	1.5	2.5	5.7	1.1	B	<a href="#">091332S03</a>
6	20 x 20	Black	1 cross, ESD electrostatical discharging	1.5	2.5	5.7	1.0	B	<a href="#">091332S02</a>
5	10 x 20	Gray ≈ RAL 7042	2 pins	2.0	2.5 / 8.5	3.4	0.6	I	<a href="#">091402S01</a>

COVER CAP FOR 30 MM MODULAR DIMENSION

<b>MODEL</b>	30 mm modular dimension
<b>DESCRIPTION</b>	To cover the end of the profile
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Color	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
Black	11 x 30	2 pins	2.0	3.0	8	6.2	1.2		091026
	30 x 30	1 cross	3.0	4.0	8	10.0	4.1		091001
	30 x 30	1 cross	3.0	3.0		6.9	2.9		091019
	30 x 30	1 cross	3.0	4.0		7.0	3.5		091044
	30 x 30	1 cross turned 23 °	3.0	4.0		12.8	4.5		091047
	30 x 30	1 cross	3.0	4.0		6.9	3.6		091062
	30 x 30	2 pins	3.0	4.0			4.0		091101
	30 x 30	1 cross	2.0	4.0		7.6	3.8		091109
	30 x 30	1 cross	3.0	4.0		6.7	3.6		091140
	30 x 30 R30 - 90°	1 cross	2.0	4.0		6.9	3.8		091126
	30 x 60	2 crosses	3.0	4.0		12.4	8.2		091029
Gray ≈ RAL 7042	30 x 30	1 cross	3.0	3.0	6	5.2 (5.0)	2.9	I	091184
	30 x 30	1 cross	3.0	3.0	6	5.2 (5.0)	3.8	I	091184S03
	30 x 30 45°	1 cross turned 45°	3.0	3.0	6	5.2 (5.0)	2.4	I	091188
	30 x 30 45°	1 cross turned 45°	3.0	3.0	6		2.4	I	091188S01
	30 x 30 R30 - 90°	1 cross	3.0	3.0	6	5.2 (5.0)	2.3	I	091245
	30 x 30 R30 - 90°	1 cross	3.0	3.0	6		2.3	I	091245S01
	30 x 60	2 crosses	3.0	3.0	6	5.2 (5.0)	5.4	I	091185
	30 x 60	2 crosses	3.0	3.0	6	5.2 (5.0)	5.0	I	091185S01
	30 x 120	4 crosses	3.0	3.0	6	5.2 (5.0)	10.8	I	091187
	60 x 60	4 crosses	3.0	3.0	6	5.2 (5.0)	10.4	I	091186
	60 x 60	4 crosses	3.0	3.0	6		10.0	I	091186S01
Black	11 x 20	3 pins	2.0	3.0	8	3.3	1.0	B	091346
	11 x 20	3 pins	2.0	3.0	8		1.0	B	091346S01

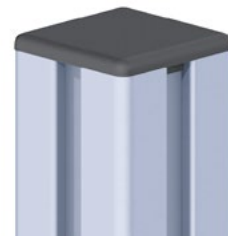
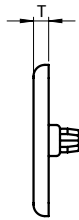
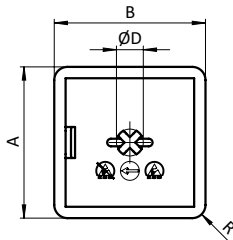


COVER CAP FOR 30 MM MODULAR DIMENSION

Color	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
Black	30 x 30	1 cross	3.0	4.0	8	7.6 (7.3)	3.8	B	<a href="#">091027</a>
	30 x 30	New version 1, 1 cross turned 45°	3.0	4.0	8	10.8 (10.0)	4.1	B	<a href="#">091252</a>
	30 x 30	New version 2, 1 cross	2.0	3.0	8	7.6 (7.3)	3.3	B	<a href="#">091371</a>
Gray ≈ RAL 7004	30 x 30	New version 2, 1 cross	2.0	3.0	8	7.6 (7.3)	3.3	B	<a href="#">091371S01</a>
Black	30 x 30	1 cross turned 45°	2.0	4.0	8	10.8 (10.0)	4.0	B	<a href="#">091258</a>
Gray ≈ RAL 7035	30 x 30	1 cross turned 45°	2.0	4.0	8	10.8 (10.0)	4.0	B	<a href="#">091258S01</a>
Black	30 x 30	With hole Ø 8.5 mm, 4 pins	2.0	3.0	8	4.0	2.9	B	<a href="#">091359</a>
	30 x 30	With hole Ø 8.5 mm, 4 pins, ESD electro- statical discharging	2.0	3.0	8	4.0	2.6	B	<a href="#">091359S01</a>
Gray ≈ RAL 7004	30 x 30	With hole Ø 8.5 mm, 4 pins	2.0	3.0	8	4.0	2.8	B	<a href="#">091359S02</a>
	30 x 30	1 cross turned 45°	3.0	4.0	8	10.8 (10.0)	4.1	B	<a href="#">091252S08</a>
Black	30 x 30 R25 - 90°	1 cross	2.0	3.0	8	10.8 (10.0)	2.7	B	<a href="#">091344</a>
	30 x 30 R25 - 90°	1 cross turned 45°, ESD electrostatical discharging	2.0	3.0	8	10.8 (10.0)	2.3	B	<a href="#">091344S01</a>
Gray ≈ RAL 7004	30 x 30 R25 - 90°	1 cross turned 45°	2.0	3.0	8	8.2	2.6	B	<a href="#">091344S02</a>
Black	30 x 60	2 crosses	3.0	4.0	8	7.6 (7.3)	7.7	B	<a href="#">091179</a>
	30 x 60	2 crosses, ESD electrostatical discharging	3.0	4.0	8	7.6 (7.3)	7.7	B	<a href="#">091179S01</a>
Gray ≈ RAL 7004	30 x 60	2 crosses	3.0	4.0	8	7.6 (7.3)	7.7	B	<a href="#">091179S04</a>
Black	30 x 45	4 pins	2.0	3.0	8 / 10	8.4 (7.3)	5.1	B	<a href="#">091370</a>
	30 x 45	ESD electrostatical discharging, 4 pins	2.0	3.0	8 / 10	8.4 (7.3)	4.4	B	<a href="#">091370S01</a>
Gray ≈ RAL 7004	30 x 45	4 pins	2.0	3.0	8 / 10	8.4 (7.3)	5.0	B	<a href="#">091370S02</a>

COVER CAP FOR 40 MM MODULAR DIMENSION

<b>MODEL</b>	40 mm modular dimension
<b>DESCRIPTION</b>	To cover the end of the profile
<b>MATERIAL</b>	Plastic PA, glass fibre reinforced, * glass ball reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Color	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
Black	16 x 40	2 pins	3.5	4.0	8	5.1 (5.0)	2.0	I	091077
Gray ≈ # RAL 7042	16 x 40	2 pins	3.5	4.0	8	5.1 (5.0)	2.4	I	091077S01
Black	16 x 80	2 pins	3.5	4.0	8	4.4 (4.3)	4.2	I	091078
Gray ≈ RAL 7042	16 x 80	2 pins	3.5	4.0	8	4.4 (4.3)	4.2	I	091078S01
Black	16 x 80	2 crosses, 1 pin	3.0	4.0		5.0	7.0		091132
	16 x 120	2 crosses, 2 pins	3.0	4.0		4.9	8.9		091133
	16 x 160	6 pins	3.5	4.0	8	4.3 (4.0)	8.3	I	091278
Gray ≈ RAL 7042	16 x 160	6 pins	3.5	4.0	8	4.3 (4.0)	8.3	I	091278S02
Black	40 x 40	1 cross	3.5	4.0		7.0	6.7		091014
	40 x 40	1 Pin for core hole	1.5	4.0		14.2	7.1		091162
	40 x 40	4 crosses	2.5	4.0		4.5	7.2		091124
	40 x 40	1 cross	2.5	4.0		7.5	7.0		091139
	40 x 40	1 cross	2.5	4.0		10.3	7.3		091138
	40 x 40	1 cross turned 25°	3.5	3.0		12.8	6.9		091119
	40 x 40	1 Kreuz	3.5	4.0	8	7.1 (6.8)	6.7	I	091007
	40 x 40	1 cross *	3.5	4.0	8	7.1 (6.8)	6.3	I	091007S13
Gray ≈ RAL 7042	40 x 40	1 cross	3.5	4.0	8	7.1 (6.8)	6.7	I	091007S17
Black	40 x 40	1 cross turned 45°	3.5	4.0		7.5	6.5		091040
	40 x 40	1 cross	3.5	4.0		8.8	6.4		091092
	40 x 40	1 cross	3.5	4.0		10.1	7.0		091192
	40 x 40	1 cross	3.5	4.0		11.3	6.1		091196
	40 x 40	1 cross	3.5	4.0		12.4	7.0		091008
	40 x 40 45°	1 cross	4.0	4.0		6.9	5.1		091003
	40 x 40	4 Pins for core hole, With hole Ø 10.3	4.0	4.0	8	6.0	6.1	I	091387



COVER CAP FOR 40 MM MODULAR DIMENSION

Color	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
Gray ≈ RAL 7042	40 x 40	4 Pins for core hole, With hole Ø 10.3	4.0	4.0	8	6.0	5.0	I	091387S01
Black	40 x 40 45°	1 cross	4.0	4.0	8	7.0 (6.8)	5.3	I	091048
Gray ≈ RAL 7042	40 x 40 45°	1 cross	4.0	4.0	8	7.0 (6.8)	5.2	I	091048S01
Black	40 x 40 R40 - 90°	New version, 1 cross	4.0	4.0	8	6.8 (6.8)	5.5	I	091320
Gray ≈ RAL 7042	40 x 40 R40 - 90°	New version, 1 cross	4.0	4.0	8	6.8 (6.8)	5.4	I	091320S02
Black	40 x 40 R40 - 90°	1 cross	2.5	4.0	8	7.2 (6.8)	5.8	I	091045
Gray ≈ RAL 7042	40 x 40 R40 - 90°	1 cross	2.5	4.0	8	7.2 (6.8)	5.8	I	091045S01
Black	40 x 80	2 crosses	4.0	4.0	8	6.9 (6.8)	13.3	I	091009
	40 x 80	2 crosses *	4.0	4.0	8	6.9 (6.8)	12.3	I	091009S10
Gray ≈ RAL 7042	40 x 80	2 crosses	4.0	4.0	8	6.9 (6.8)	13.6	I	091009S14
Black	40 x 80	2 crosses	3.0	4.0		7.0(6.8)	13.3	I	091013
	40 x 80	2 crosses turned 45°	3.0	4.0		7.6	13.1		091041
	40 x 80	2 crosses	3.0	4.0	10	10.1 (10.0)	13.6	B	091193
	40 x 80	2 crosses, ESD electrostatical discharging	3.0	4.0	10	10.1 (10.0)	11.4	B	091193S02
Gray ≈ RAL 7004	40 x 80	2 crosses	3.0	4.0	10	10.1 (10.0)	13.4	B	091193S03
Black	40 x 80	2 crosses	3.0	4.0		11.2	14.0		091197
	40 x 80	2 crosses	3.0	4.0		12.3	13.6		091010
	40 x 80	2 crosses turned 30°	3.0	4.0		12.8	13.5		091127
	40 x 120	1 cross and 2 pins	3.0	4.0	8	6.9 (6.8)	21.3	I	091094
	40 x 120	1 cross 2 pins, ESD electrostatical discharging	3.0	4.0		6.95	18.4		091094S02
Gray ≈ RAL 7042	40 x 120	1 cross and 2 pins	3.0	4.0	8	6.9 (6.8)	21.3	I	091094S01
Black	40 x 160	2 crosses and 2 pins	3.5	4.0	8	6.9 (6.8)	27.5	I	091209
Gray ≈ RAL 7042	40 x 160	2 crosses and 2 pins	3.5	4.0	8	6.9 (6.8)	27.0	I	091209S01
Black	80 x 80	4 crosses	3.0	4.0	8	7.5	27.6		091136
	80 x 80	4 crosses	4.0	4.0	8	6.8 (6.8)	28.1	I	091023
	80 x 80	4 crosses, ESD electrostatical discharging	4.0	4.0	8	6.8 (6.8)	25.0	I	091023S03
Gray ≈ RAL 7042	80 x 80	4 crosses	4.0	4.0	8	6.8 (6.8)	28.6	I	091023S09
Black	80 x 80	4 crosses	4.0	4.0		11.3	28.0		091200
	80 x 120	4 crosses	3.5	4.0	8	6.9 (6.8)	45.6	I	091095



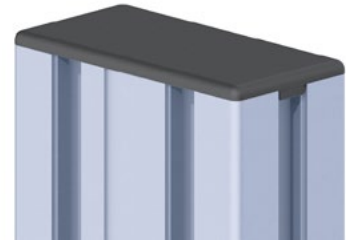
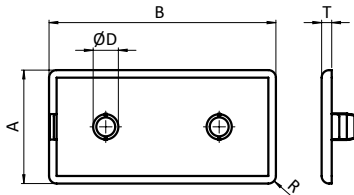


COVER CAP FOR 40 MM MODULAR DIMENSION

Color	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
Gray ≈ RAL 7042	80 x 120	4 crosses	3.5	4.0	8	6.9 (6.8)	46.0	I	091095S01
Black	80 x 160	8 pins	4.0	4.0	8	6.8 (6.8)	58.7	I	091118
Gray ≈ RAL 7042	80 x 160	8 pins	4.0	4.0	8	6.8 (6.8)	61.0	I	091118S01
Black	80 x 160	8 support ribs 11.3 x 2.0	4.0	4.0		11.3	59.8		091205
	R40 x R80 30°	2 pins	4.0	4.0		7.1	5.7	I	091114
Gray ≈ RAL 7042	R40 x R80 30°	2 pins	4.0	4.0	8	7.1	6.0	I	091114S01
Black	R40 x R80 45°	1 cross	4.0	4.0		6.8	8.1	I	091115
	R40 x R80 60°	1 cross	4.0	4.0		7.0	10.3	I	091116
Gray ≈ RAL 7042	R40 x R80 60°	1 cross	4.0	4.0		7.0	10.0	I	091116S01
Black	R40 x R80 90°	2 crosses	4.0	4.0		6.8	16.7	I	091117
Gray ≈ RAL 7042	R40 x R80 90°	2 crosses	4.0	4.0		6.8	17.0	I	091117S01
Black	40 x 40	1 cross	2.5	4.0	10	10.2 (10.0)	7.1	B	091046
Gray ≈ RAL 7004	40 x 40	1 cross	2.5	4.0	10	10.2 (10.0)	7.0	B	091046S06
Black	40 x 40	ESD electrostatical discharging, 1 pin for core hole	3.0	4.0	10	10.4 (10.0)	5.4	B	091345S01
Gray ≈ RAL 7004	40 x 40 R33.3 - 90°	1 Pin for core hole	3.0	4.0	10	10.4 (10.0)	5.3	B	091345S02
Black	40 x 80	2 crosses	3.0	4.0	10	10.3 (10.0)	13.3	B	091137
	80 x 80	4 crosses	3.0	4.0	10	10.4 (10.0)	28.0	B	091135
	80 x 80	4 crosses, ESD electrostatical discharging	3.0	4.0	10	10.4 (10.0)	26.2	B	091135S01
Gray ≈ RAL 7004	80 x 80	4 crosses	3.0	4.0	10	10.4 (10.0)	28.4	B	091135S02

COVER CAP FOR 45 MM MODULAR DIMENSION

<b>MODEL</b>	45 mm modular dimension
<b>DESCRIPTION</b>	To cover the end of the profile
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Color	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
Black	22.5 x 45	4 cross	3.0	4.0	10	4.0	4.4	B	091002
Gray ≈ RAL 7004	22.5 x 45	4 pins	3.0	4.0	10	4.0	4.6	B	091002S01
Black	45 x 45	1 Pin for core hole	4.0	4.0	10	10.4 (10.0)	8.7	B	091011
	45 x 45	1 Pin for core hole, ESD electrostatical discharging	4.0	4.0	10	10.4 (10.0)	7.6	B	091011S03
Gray ≈ RAL 7004	45 x 45	1 Pin for core hole	4.0	4.0	10	10.4 (10.0)	8.7	B	091011S14
Black	45 x 45	1 Pin for core hole	2.5	4.0	10	10.4	8.7		091288
	45 x 45	With hole Ø 17.0 mm, 4 pins 4.3	3.0	4.0	10	4.0	8.4	B	091015
	45 x 45	With hole Ø 17.0 mm, 4 pins 4.3, ESD electrostatical discharging	3.0	4.0	10	4.0	7.3	B	091015S02
Gray ≈ RAL 7004	45 x 45	With hole Ø 17.0 mm, 4 pins 4.3	3.0	4.0	10	4.0	8.4	B	091015S03
Black	45 x 45	1 cross	3.0	4.0	10	6.9	9.0		091112
	45 x 45 R40 - 90°	1 Pin for core hole	1.75	4.0	10	10.0	7.6		091214
	45 x 45 R37.5 - 90°	1 Pin for core hole	3.0	4.0	10	10.0	7.4	B	091130
Gray ≈ RAL 7004	45 x 45 R37.5 - 90°	1 Pin for core hole	3.0	4.0	10	10.0	7.4	B	091130S03
Black	45 x 60	1 Pin for core hole	3.0	4.0	10	10.8 (10.0)	11.4	B	091017
Gray ≈ RAL 7004	45 x 60	1 Pin for core hole	3.0	4.0	10	10.8 (10.0)	11.1	B	091017S04
Black	45 x 60	With hole Ø 18.3 mm, 4 pins 4.3	3.0	4.0	10	(4.0)	10.1	B	091083
	45 x 60	With hole Ø 18.3 mm, 4 pins 4.3, ESD elektrostatical discharging	3.0	4.0	10	(4.0)	8.8	B	091083S01
Gray ≈ RAL 7004	45 x 60	With hole Ø 18.3 mm, 4 pins 4.3	3.0	4.0	10	(4.0)	10.2	B	091083S02

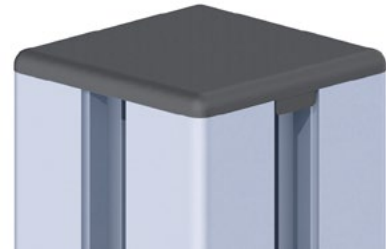
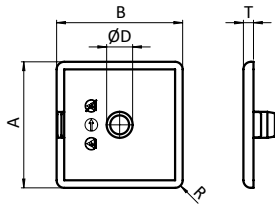


## COVER CAP FOR 45 MM MODULAR DIMENSION

Color	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
Black	45 x 90	2 crosses	3.0	4.0	10	6.9	19.6		<a href="#">091113</a>
	45 x 90	2 Pins for core hole	3.0	4.0	10	10.4 (10.0)	17.2	B	<a href="#">091006</a>
Gray ≈ RAL 7004	45 x 90	2 Pins for core hole	3.0	4.0	10	10.4 (10.0)	17.2	B	<a href="#">091006S07</a>
Black	45 x 90	2 Pins for core hole	3.0	4.0	10	10.6	20.5		<a href="#">091064</a>
	90 x 90	New version, 4 support ribs	3.0	4.0	10	15.1	41.2	B	<a href="#">091207</a>
	90 x 90	New version, 4 support ribs, ESD electrostatical discharging	3.0	4.0	10	15.1	32.0	B	<a href="#">091207S04</a>
Gray ≈ RAL 7004	90 x 90	New version, 4 support ribs	3.0	4.0	10	15.1	41.2	B	<a href="#">091207S05</a>
Black	90 x 90	8 support ribs	3.0	4.0	10	15.2	43.3	B	<a href="#">091276</a>
Gray ≈ RAL 7004	90 x 90	8 support ribs	3.0	4.0	10	15.2	41.2	B	<a href="#">091276S03</a>
Black	90 x 90	4 support ribs	3.5	4.0	10	-	38.5	B	<a href="#">091024</a>
	90 x 90	4 crosses	3.5	4.0		10.5	40.5		<a href="#">091169</a>
	90 x 90 light (superlight)	4 pins for core hole, 4 pins	5.0	4.0	10	10.2 (10.0)	44.5	B	<a href="#">091030</a>
	90 x 90 light (superlight)	4 core holes, 4 pins, ESD electrostatical discharging	5.0	4.0	10	10.2 (10.0)	33.8	B	<a href="#">091030S03</a>
Gray ≈ RAL 7004	90 x 90 light (superlight)	4 pins for core hole, 4 pins	5.0	4.0	10	10.2 (10.0)	44.8	B	<a href="#">091030S04</a>
Black	45 x 60	ESD electrostatical discharging, 1 pin for core hole	3.0	4.0	10	10.8 (10.0)	11.4	B	<a href="#">091017S02</a>

**COVER CAP FOR 50 MM MODULAR DIMENSION**

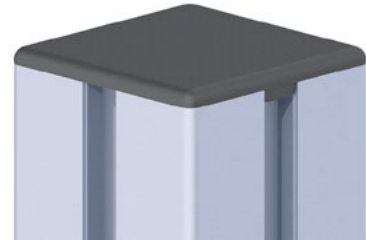
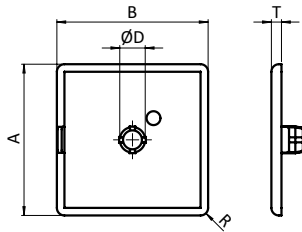
<b>MODEL</b>	50 mm modular dimension
<b>DESCRIPTION</b>	To cover the end of the profile
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Color	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
Black	50 x 50	1 Pin for core hole	1.5	4.0	10	14.15	10.5		<a href="#">091161</a>
	50 x 50	1 Pin for core hole	3.0	4.0	10	10.3 (10.0)	10.3	B	<a href="#">091028</a>
	50 x 50	1 Pin for core hole, ESD electrostatical discharging	3.0	4.0	10	10.3 (10.0)	9.0	B	<a href="#">091028S03</a>
Gray ≈ RAL 7004	50 x 50	1 Pin for core hole	3.0	4.0	10	10.3 (10.0)	11.4	B	<a href="#">091028S04</a>
Black	50 x 50	1 Pin for core hole	3.0	4.0		14.1	11.7		<a href="#">091238</a>
	50 x 100	2 Pins for core hole	3.0	4.0	10	10.3 (10.0)	20.3	B	<a href="#">091110</a>

COVER CAP FOR 60 MM MODULAR DIMENSION

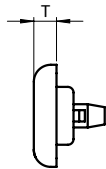
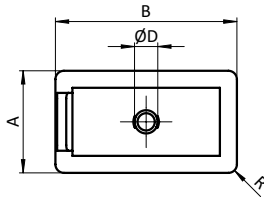
<b>MODEL</b>	60 mm modular dimension
<b>DESCRIPTION</b>	To cover the end of the profile
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	50 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Color	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
Black	60 x 60	4 crosses	2.0	4.0		6.8	15.4		<a href="#">091142</a>
	60 x 60	1 Pin for core hole	3.0	4.0	10	10.6 (10.0)	20.9	B	<a href="#">091021</a>
Gray ≈ RAL 7004	60 x 60	1 Pin for core hole	3.0	4.0	10	10.6 (10.0)	15.9	B	<a href="#">091021S06</a>
Black	60 x 90	1 cross 13.5, 2 Pins for core hole, 11.4	2.5	4.0	10	11.4 - 13.5	23.2		<a href="#">091039</a>

**COVER CAP FOR CLAMP PROFILE**

<b>MODEL</b>	For clamp profile
<b>DESCRIPTION</b>	To cover the end of the profile
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Color	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
Black	18 x 32	1 pin	1.5	4.0	10	4.3	2.5	I	<a href="#">091049</a>
Gray ≈ RAL 7042	18 x 32	1 pin	1.5	4.0	10	4.3	2.0	I	<a href="#">091049S01</a>

**COVER CAP FOR WIRE MESH FRAME PROFILE**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To seal the end openings of conduit systems
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request

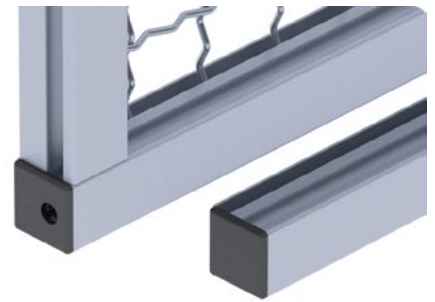
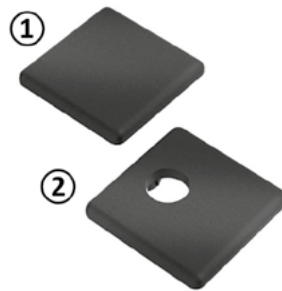
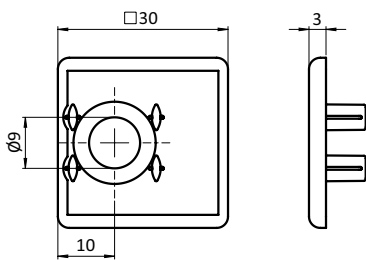
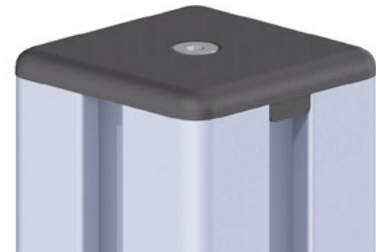
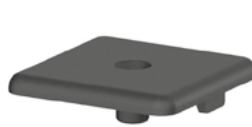
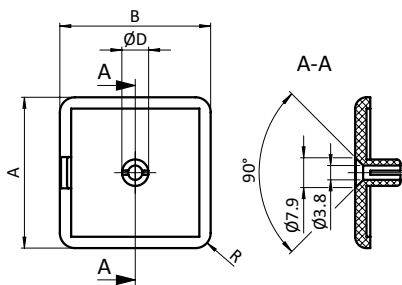


Fig.	Version	Color	Feature	R [mm]	T [mm]	Weight [g]	Profile	Part #
①	Without hole	Black	4 pins	2.0	3.0	3.4	B	<a href="#">091337S01</a>
②	With hole	Black	4 pins	2.0	3.0	3.1	B	<a href="#">091337</a>
②	With hole	Gray ≈ RAL 7004	4 pins	2.0	3.0	3.1	B	<a href="#">091337S04</a>

COVER CAP SCREW-ON TYPE

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	Screw-on cover cap for the end of the aluminum profile
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>FASTENING</b>	With screw DIN EN ISO 10642 (DIN 7991) - M4 x 16
<b>PACK QUANTITY</b>	10 / 50 / 100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Compatible screw see 4DIN7991M0416M

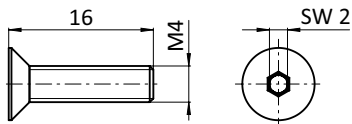


Dimensions A x B [mm]	D [mm]	Feature	R [mm]	T [mm]	Screw	Pack Quantity [Pieces]	Weight [g]	Part #
30 x 30	7.0	1 Pin for core hole	3.0	4.0	1 screw	100	3.5	<a href="#">091065</a>
30 x 60	7.0	2 Pins for core hole	3.0	4.0	2 screws	100	7.6	<a href="#">091066</a>
40 x 40	7.0	1 Pin for core hole	4.0	4.0	1 screw	100	6.8	<a href="#">091067</a>
40 x 80	7.0	2 Pins for core hole	4.0	4.0	2 screws	50	13.0	<a href="#">091068</a>
45 x 45	10.5	1 Pin for core hole	3.0	4.0	1 screw	100	8.8	<a href="#">091070</a>
45 x 90	10.4	2 Pins for core hole	3.0	4.0	2 screws	10	15.0	<a href="#">091073</a>
60 x 60	10.5	1 Pin for core hole	3.0	4.0	1 screw	50	15.0	<a href="#">091071</a>
80 x 80	7.0	4 pins for core hole	4.0	4.0	4 screws	10	27.4	<a href="#">091069</a>
90 x 90	10.4	4 pins for core hole	3.0	4.0	4 screws	10	34.4	<a href="#">091074</a>



**SCREW FOR COVER CAP SCREW-ON TYPE**

<b>MODEL</b>	Steel
<b>DESCRIPTION</b>	To fasten screw-on cover caps for the end of the aluminum profile
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	100 pieces
<b>TIP</b>	Compatible cover caps screw-on type see 091065



	Size	Weight [g]	Part #
	M4 x 16	1.0	<a href="#">4DIN7991M0416M</a>

**COVER CAP ZN SCREW-ON TYPE**

<b>MODEL</b>	Zinc die-cast
<b>DESCRIPTION</b>	Screw-on cover cap for the end of the aluminum profile
<b>MATERIAL</b>	Zinc die-cast
<b>SURFACE</b>	Powder coated
<b>COLOR</b>	Black
<b>FASTENING</b>	With self forming countersunk screws S7 x 16*
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other sizes, other colors on request
<b>TIP</b>	* Compatible Self Forming Countersunk Screw S7 x 16 see 093S0825C

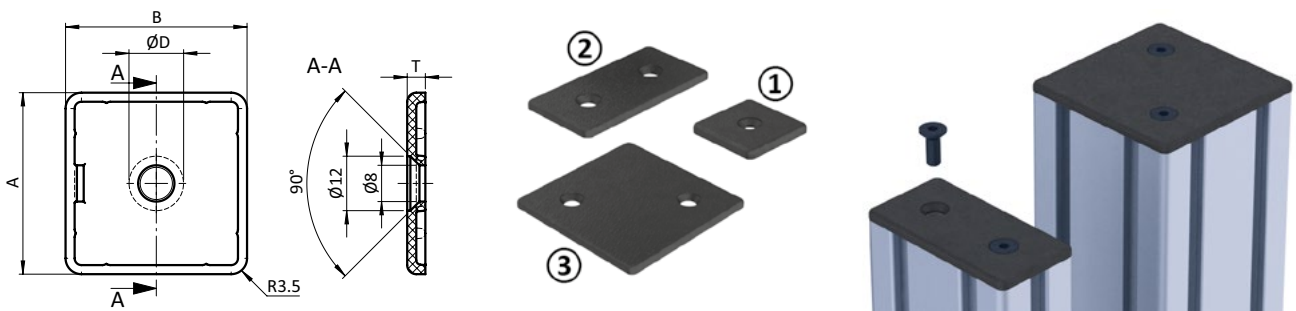
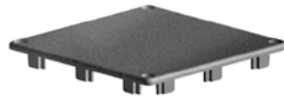
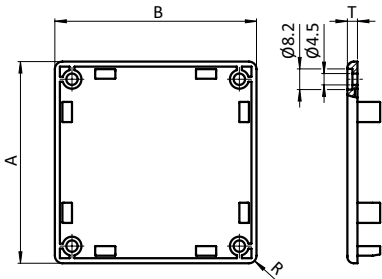


Fig.	Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Slot	ØD [mm]	Weight [g]	Profile	Part #
①	40 x 40	Bore for countersunk screw	3.5	4.0	8	8.0 (6.8)	25.5	I	<a href="#">091347</a>
②	40 x 80	Bore for countersunk screw	3.5	4.0	8	8.0 (6.8)	50.0	I	<a href="#">091348</a>
③	80 x 80	Bore for countersunk screw	3.5	4.0	8	8.0 (6.8)	98.0	I	<a href="#">091349</a>

COVER CAP FOR CONDUIT PROFILE

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To seal the end openings of conduit systems; Fastening with screw M 4
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 / 50 / 100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



Dimensions A x B [mm]	Feature	R [mm]	T [mm]	Hole	Pack Quantity [Pieces]	Weight [g]	Profile	Part #
40 x 40	4 support ribs	4.0	4.0	4 bore holes	100	8.4	I	<a href="#">091168</a>
40 x 80	6 fixation ribs	3.0	4.0	4 bore holes	50	14.0	I	<a href="#">091194</a>
40 x 120	8 support ribs	3.0	4.0	4 bore holes	10	21.8	I	<a href="#">091201</a>
80 x 80	8 support ribs	3.0	4.0	4 bore holes	10	28.4	I	<a href="#">091195</a>
	4 support ribs	4.0	4.0	45° left; 3 bore holes	10	27.0	I	<a href="#">091248L</a>
	4 support ribs	4.0	4.0	45° right; 3 bore holes	10	27.0	I	<a href="#">091248R</a>
80 x 120	10 fixation ribs	3.0	4.0	4 bore holes	10	46.6	I	<a href="#">091202</a>
80 x 160	12 fixation ribs	3.0	4.0	4 bore holes	10	59.0	I	<a href="#">091203</a>
	9 fixation ribs	4.0	4.0	20° right; 4 bore holes	10	59.0	I	<a href="#">091249R</a>
120 x 120	12 fixation ribs	3.0	4.0	4 bore holes	10	72.8	I	<a href="#">091246</a>
120 x 160	14 fixation ribs	3.0	4.0	4 bore holes	10	93.0	I	<a href="#">091247</a>

**COVER CAP FOR SUSPENSION PROFILE**

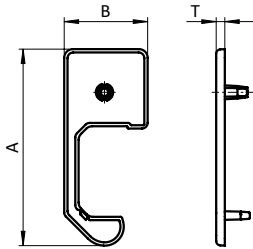
<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To seal the end openings of suspension profiles
<b>MATERIAL</b>	Plastic PA, carbon fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	20 pieces
<b>SPECIALS</b>	Not ESD electrostatical discharging version on request



	ESD	Weight [g]	Profile	Part #
	ESD electrostatical discharging	1.6	B	<a href="#">091374S01</a>

**COVER CAP FOR C-RAIL PROFILE I (SET)**

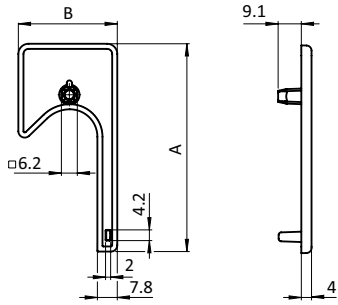
<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To cover the end of the profile
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>SET</b>	1 cover cap left, 1 cover cap right
<b>PACK QUANTITY</b>	10 sets



T [mm]	Slot	A x B [mm]	Weight [g]	Profile	Part #
3.0	6	68.3 x 29.0	4.0	I	<a href="#">091398S01</a>
4.0	8	92.6 x 38.6	12.0	I	<a href="#">091399S01</a>

**COVER CAP FOR C-SLIDE PROFILE I (SET)**

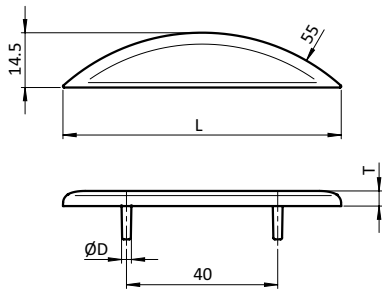
<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To cover the end of the profile
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>SET</b>	1 cover cap left, 1 cover cap right
<b>PACK QUANTITY</b>	10 sets



T [mm]	Slot	A x B [mm]	Weight [g]	Part #
4.0	8	81.5 x 38.8	10.0	<a href="#">091401S01</a>

**COVER CAP FOR COVER PROFILE**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To cover the end of the profile, suitable for pieces of aluminum cover profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request
<b>TIP</b>	Compatible Clip 8 to fix Pieces of Aluminum Cover Profiles to Aluminum Profiles Slot 8 see 092311N08



L [mm]	T [mm]	Weight [g]	Profile	Dimensions [mm]	Part #
74	4.0	2.0	I	R80	<a href="#">091333</a>

**COVER CAP FOR BOREHOLES**

<b>DESCRIPTION</b>	To cover boreholes
<b>MATERIAL</b>	Plastic PA
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>TIP</b>	Other colors on request

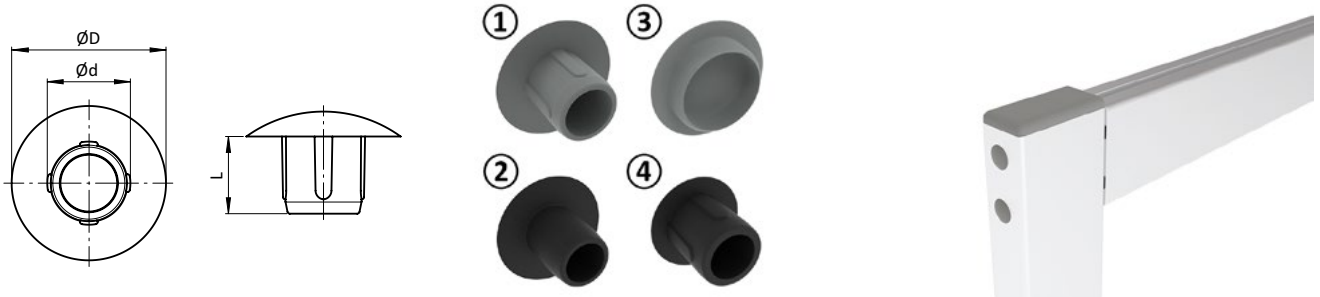
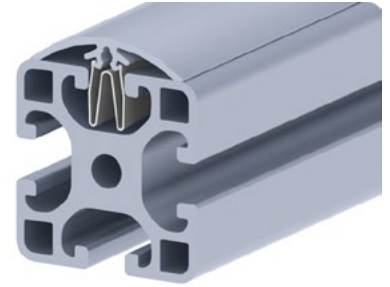
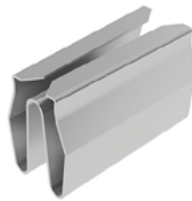
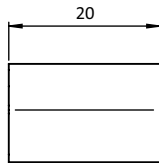
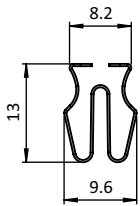


Fig.	Color	L [mm]	ØD [mm]	Ød [mm]	Weight [g]	Profile	Part #
①	Gray ≈ RAL 7042	5.2	8.8	4.3	0.088	I	<a href="#">091391</a>
①	Gray ≈ RAL 7042	5.2	8.8	5.5	0.14	I	<a href="#">091388</a>
④	Black	5.3	8.2	5.7	0.16	I	<a href="#">091399</a>
②	Black	6.5	13	7.0	0.3	I	<a href="#">091405</a>
②	Gray ≈ RAL 7042	6.5	13	7.0	0.3	I	<a href="#">091405S01</a>
③	Gray ≈ RAL 7042	4	20	15	0.5		<a href="#">091406S01</a>



CLIP 8

<b>MODEL</b>	Slot 8
<b>DESCRIPTION</b>	To fix pieces of aluminum cover profiles to aluminum profiles, slot 8; recommended number: 5 pcs. per 1 m
<b>MATERIAL</b>	Spring steel
<b>SURFACE</b>	Plain
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Cover Cap for Piece of Aluminum Cover Profile see 091333



	Weight [g]	Profile	Part #
	2.6	I	092311N08



1

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11

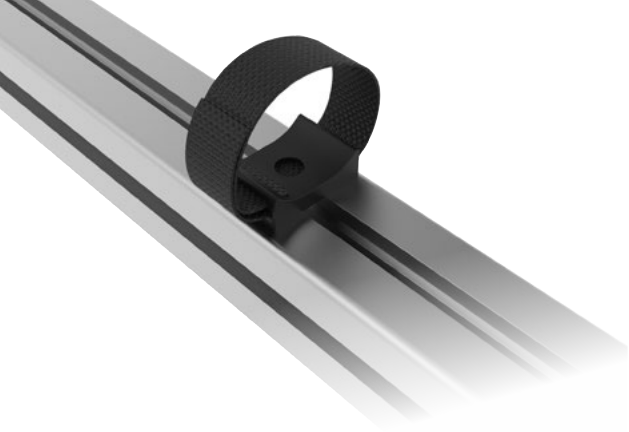
CABLE MANAGEMENT **12**

13

14

## CABLE MANAGEMENT

	<b>UNIVERSAL CABLE BINDING BLOCK</b>	<b>1011</b>
	<b>CLIP CABLE BINDER - 2 CHAMBERS</b>	<b>1012</b>
	<b>UNIVERSAL HOOK-AND-LOOP BLOCK</b>	<b>1013</b>
	<b>CABLE BINDER BLOCK</b>	<b>1014</b>
	<b>CROSS CABLE BINDER BLOCK</b>	<b>1015</b>
	<b>CLIP CABLE BINDER - 2 CHAMBERS - WITH HAMMER</b>	<b>1016</b>
	<b>CLIP CABLE BINDER - 1 CHAMBER - WITH HAMMER</b>	<b>1017</b>
	<b>SNAP-CABLE-BINDING WITH HAMMER</b>	<b>1018</b>
	<b>RING CABLE BINDER</b>	<b>1019</b>
	<b>HOOK-AND-LOOP BLOCK</b>	<b>1020</b>
	<b>CONDUIT PROFILE PVC</b>	<b>1021</b>
	<b>QUICK CONNECTOR</b>	<b>1022</b>



## CABLE FIXATIONS

Guide cables and lines in an orderly manner and fix them securely – with the appropriate cable fixation from

- available in different versions available
- easy fastening in the groove
- flexible solutions for dynamic workplaces
- clean guidance & safety

### HIGHLIGHTS

Cables and lines on devices, work stations, system arms, machines and plants should be guided cleanly and fixed securely. The safety aspect is especially important for moving objects.

Cables are often fixed to frames and racks with cable ties or hook-and-loop tapes. Cable ties are inexpensive and widely used, but a one-off solution. Hook-and-loop fasteners, on the other hand, are also suitable for the subsequent addition or removal of cables and lines.

In order to keep posts and struts free of surrounding cable ties or hook-and-loop tapes, sturdy fastening points are used. On the opposite side of the aluminum profiles, there is then nothing to be seen of the fixation of the cable guide. The number of fixing points can be selected according to requirements – it therefore also specifies the distance at which the cables have to be fixed.

ORDER & SAFETY



### FATH cable fixation blocks to simplify fixing in the slot

As an elegant solution for the realization of such fixing points, **FATH** offers a wide range of cable fixation blocks. The special: The **FATH** cable fixation blocks can be fixed directly in different slots of aluminum profiles. Screw-on versions are also available.

Would you like to do completely without cable ties and hook-and-loop tapes when routing cables? Then the special clip cable binders from **FATH** are your solution.

The blocks are used in combination with cable ties or hook-and-loop tapes and optimize cable routing. The stable fixation protects against rubbing and cable damage. With the easy-to-install cable fixation blocks you not only create order, but also ensure safety and aesthetics in the production area.

# FLEXIBLE IMPLEMENTATION

## Cable Binder Block

The cable binder block is a solution for cable guides that run lengthwise to the aluminum profile. The block is mounted by a quarter turn in the slot.

## Cross Cable Binder Block

The cross cable binder block is suitable for both lengthwise and crosswise running cables. Also with this solution, the block is mounted in the slot profile by a quarter turn.

## Clip Cable Binder

If clip cable ties are used, no more cable ties or hook-and-loop tapes are needed. The re-closable clip cable binders can be attached to the aluminum profile with a quarter turn using a slot hammer. The clip cable binders are available as a version with one chamber or with two chambers, the latter including clamping ring to prevent cables from slipping.



## Flexibility for more or less cables

Perfect order without cable tie and hook and loop tape: Clip Cable Binders and Snap-cable-binding from **FATH**

NOTE: If you want to lay cables directly in the slot, you can close the profiles with the **FATH** cover profiles and thus optimally protect the cables.

## Hook-and-Loop Blocks

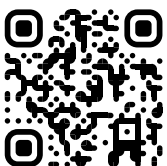
Hook-and-loop blocks allow cables and lines to be added and removed. With the special slot hammer 45° the hook-and-loop blocks can be mounted lengthwise or crosswise to the slot. The hook-and-loop blocks can also be easily mounted by turning them an eighth of a turn in the slot. The hook-and-loop tape is included in the delivery.

## Universal Cable Binding Block

If fixation in a slot profile is not desired, screw-on solutions for cable fixation are available. However, they are also used if the fixing point is to be screwed into the slot. The universal cable fixation blocks are available as versions for cable ties, hook-and-loop tapes or as clip cable binders.

## Snap-cable-binding

This special solution from **FATH** for cable mounting provides four defined snap-in cable slots. The special plug-in geometry accepts different cable diameters and at the same time provides strain relief for the cables. Optional cover caps with hooks close the cable fixation securely. In addition to slot hammers for aluminum profiles, there are versions with snap hammers for fixing in holes of panel elements or metal sheets.



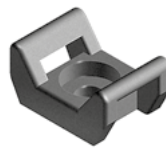
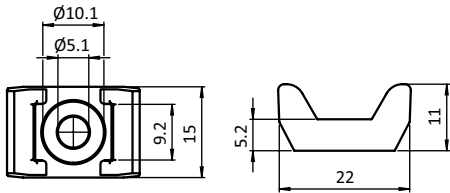
Get to know it better now!

[cable-fixation.fath24.com](http://cable-fixation.fath24.com)

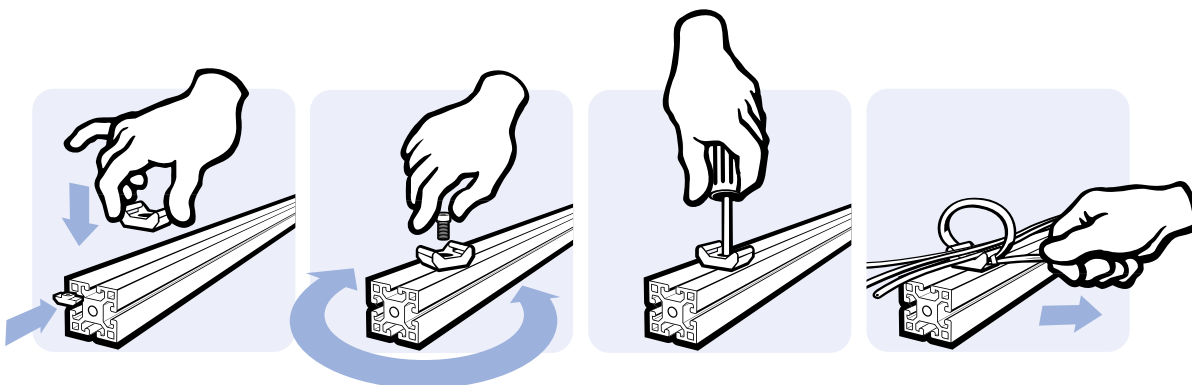


**UNIVERSAL CABLE BINDING BLOCK**

<b>MODEL</b>	Plastic PA, slot 5-12
<b>DESCRIPTION</b>	To fix cables to aluminum profiles; to be mounted with a hammer nut
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Compatible Hammer Nuts see 096H0610 et seq.

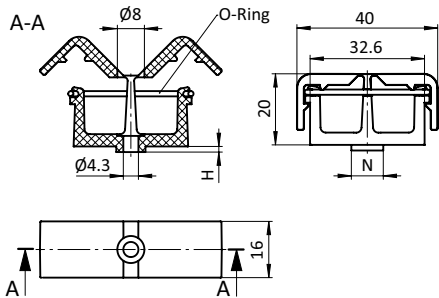


Weight [g]	Part #
1.6	093059

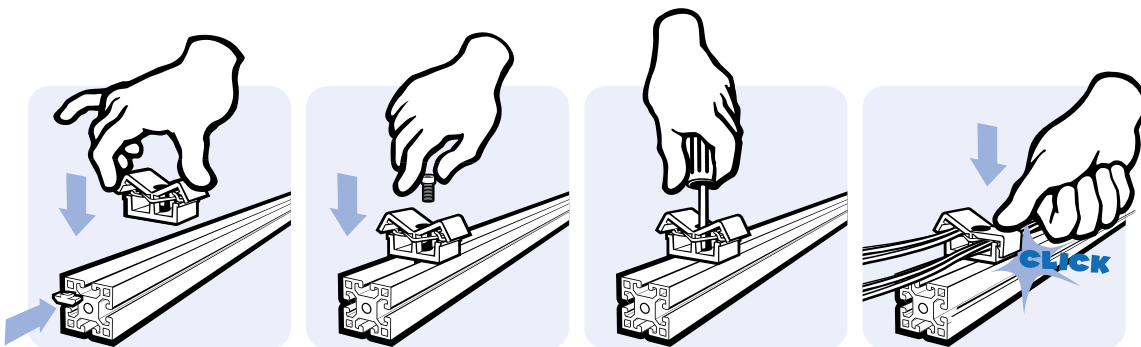


**CLIP CABLE BINDER - 2 CHAMBERS**

<b>MODEL</b>	2 chambers
<b>DESCRIPTION</b>	To fix cables without the need for cable ties, can be opened and closed again
<b>MATERIAL</b>	Clip: Plastic PA Rubber: FPM 70
<b>COLOR</b>	Black
<b>FASTENING</b>	From the front, using M4 lens or socket head screws
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	ESD electrostatical discharging, other sizes, other colors on request



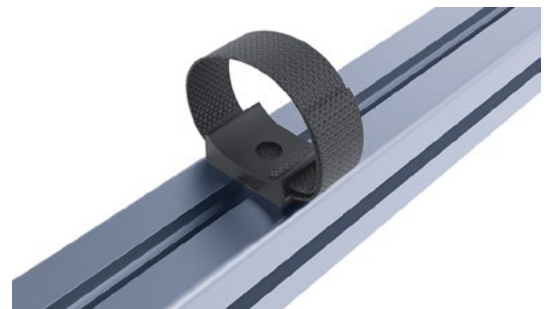
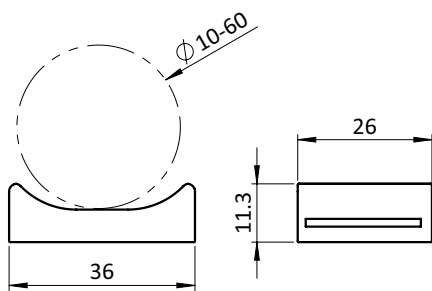
H [mm]	N	Weight [g]	Part #
-		7.0	<b>093401</b>
1.6	8	7.0	<b>093401N08</b>
2.5	10	7.0	<b>093401N10</b>





**UNIVERSAL HOOK-AND-LOOP BLOCK**

<b>MODEL</b>	Plastic PA, slot 5-12
<b>DESCRIPTION</b>	To fix cables to aluminum profiles; to be mounted with a hammer nut
<b>MATERIAL</b>	Cable binding block: Plastic PA, glass fiber reinforced Hook-and-loop strap: Plastic PP (UL94-V2)
<b>COLOR</b>	Cable binding block: Black Hook-and-loop strap: Black
<b>FASTENING</b>	From the front, using M4 or M5 countersunk screws
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Hammer Nuts see 096H0610 et seq.

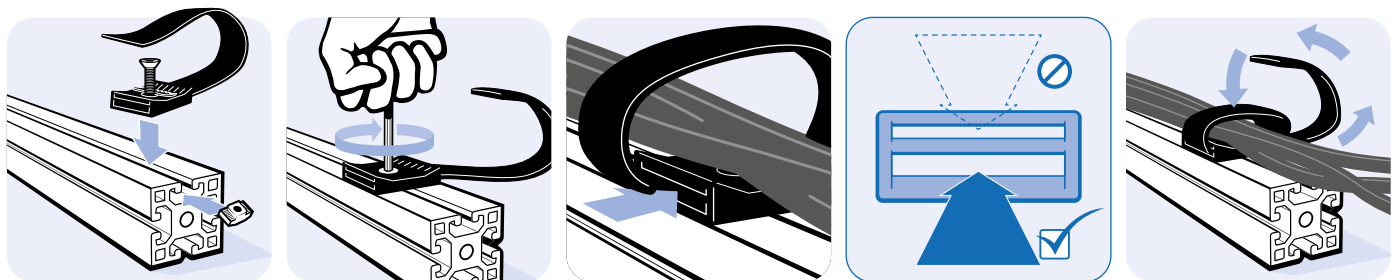


Weight [g]

Part #

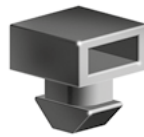
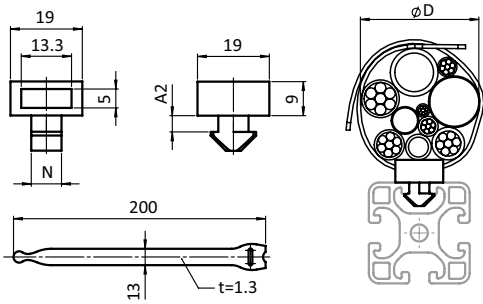
8.6

093815M45S01

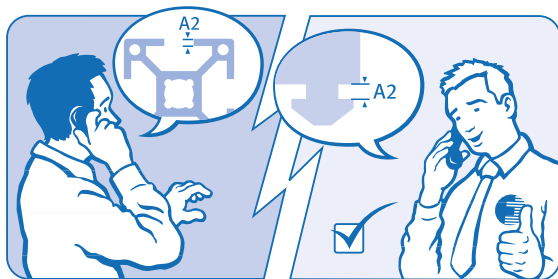
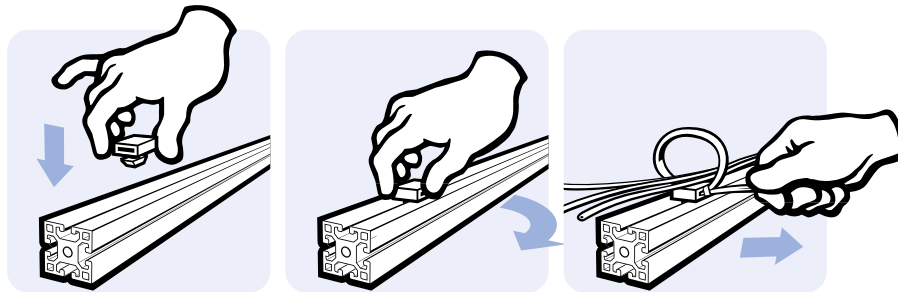


**CABLE BINDER BLOCK**

<b>MODEL</b>	Plastic PA, Slot 8, 10
<b>DESCRIPTION</b>	To fix cables to aluminum profiles; can be mounted into the slot by a quarter turn
<b>MATERIAL</b>	Cable binding block: Plastic PA, glass fiber reinforced Velcro® strap: Plastic PE (hook), Plastic PA (loop)
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request

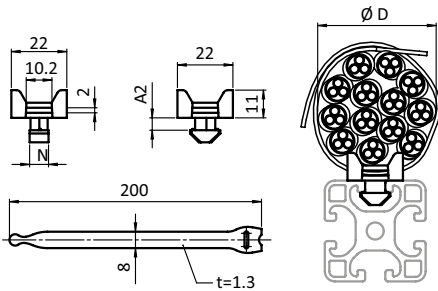


Version	ØD [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #	
		4.3 (4.5)	8	3.3	I	093054	
		4.4 (4.5)	8	3.5	I	093051	
		1.8 (2.2)	8	3.4	B	093058	
		5.9 (6.0)	10	4.0	B	093050	
With Velcro® strap		≤ 50	4.3 (4.5)	8	5.0	I	093054S03

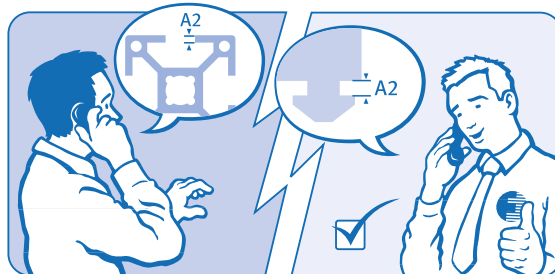


**CROSS CABLE BINDER BLOCK**

<b>MODEL</b>	Plastic PA, Slot 8, 10
<b>DESCRIPTION</b>	To fix cables to aluminum profiles in two directions; can be mounted into the slot by a quarter turn
<b>MATERIAL</b>	Cable binding block: Plastic PA, glass fiber reinforced Velcro® strap: Plastic PE (hook), Plastic PA (loop)
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request



	Version	ØD [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
			4.4 (4.5)	8	3.8	I	093254
			4.6 (4.5)	8	4.0	I	093251
			2.1 (2.2)	8	3.6	B	093258
			5.8 (6.0)	10	4.4	B	093249
	With Velcro® strap	≤ 50	4.4 (4.5)	8	5.5	I	093254S03
		≤ 50	5.8 (6.0)	10	6.1	B	093249S03

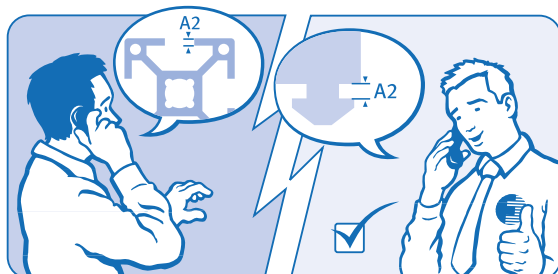
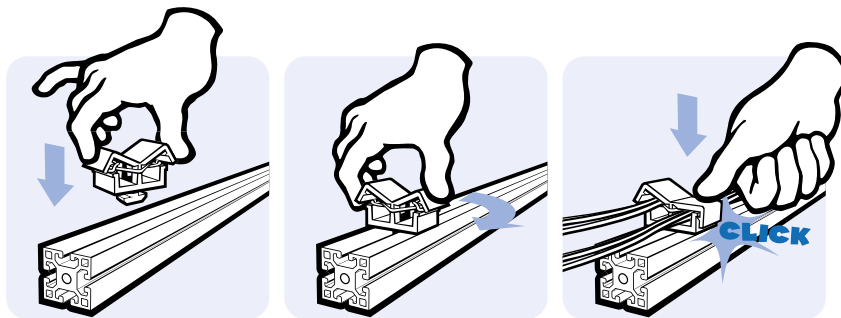


**CLIP CABLE BINDER - 2 CHAMBERS - WITH HAMMER**

<b>MODEL</b>	2 chamber fixation for cables and tubes
<b>DESCRIPTION</b>	To fix cables without the need for cable ties, can be opened and closed again; can be mounted into the slot by a quarter turn
<b>MATERIAL</b>	Clip: Plastic PA Rubber: FPM 70
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Customized hammer, other colors on request



Color	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
Black	1.8 (1.8)	5	7.0	I	093407N05
	2.2	6.5	7.0		093408N6,5
	2.0 (2.2)	8	7.0	B	093403N08
	4.0	8	6.9		093405N08
	4.5 (4.5)	8	7.0	I	093402N08
Gray ≈ RAL 7042	4.5 (4.5)	8	7.0	I	093402N08S02
Black	5.9 (6.0)	10	7.2	B	093406N10

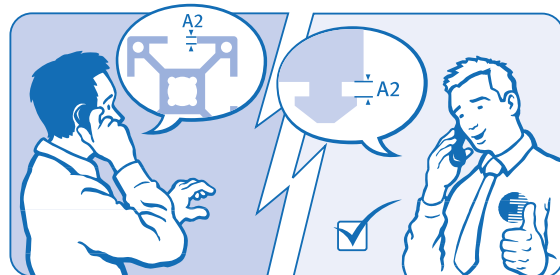
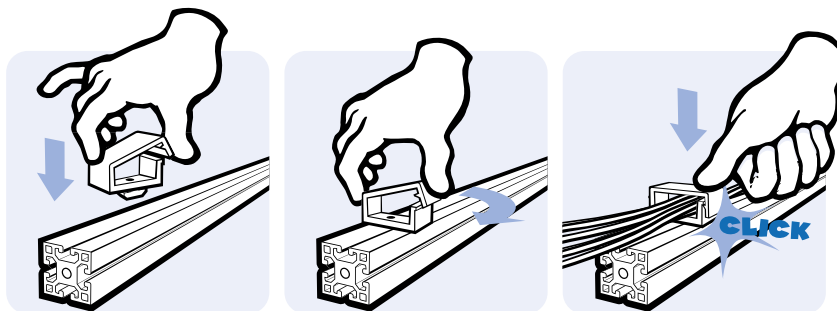


**CLIP CABLE BINDER - 1 CHAMBER - WITH HAMMER**

<b>MODEL</b>	1 Chamber
<b>DESCRIPTION</b>	To fix cables without the need for cable ties, can be opened and closed again; can be mounted into the slot by a quarter turn
<b>MATERIAL</b>	Plastic PA
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces



A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
1.6 (1.8)	5	7.0	I	093510N05
2.2	6.5	7.0		093512N6,5
2.0 (2.0)	8	7.0	B	093504N08
4.5 (4.5)	8	7.0	I	093505N08
5.9 (6.0)	10	7.0	B	093506N10

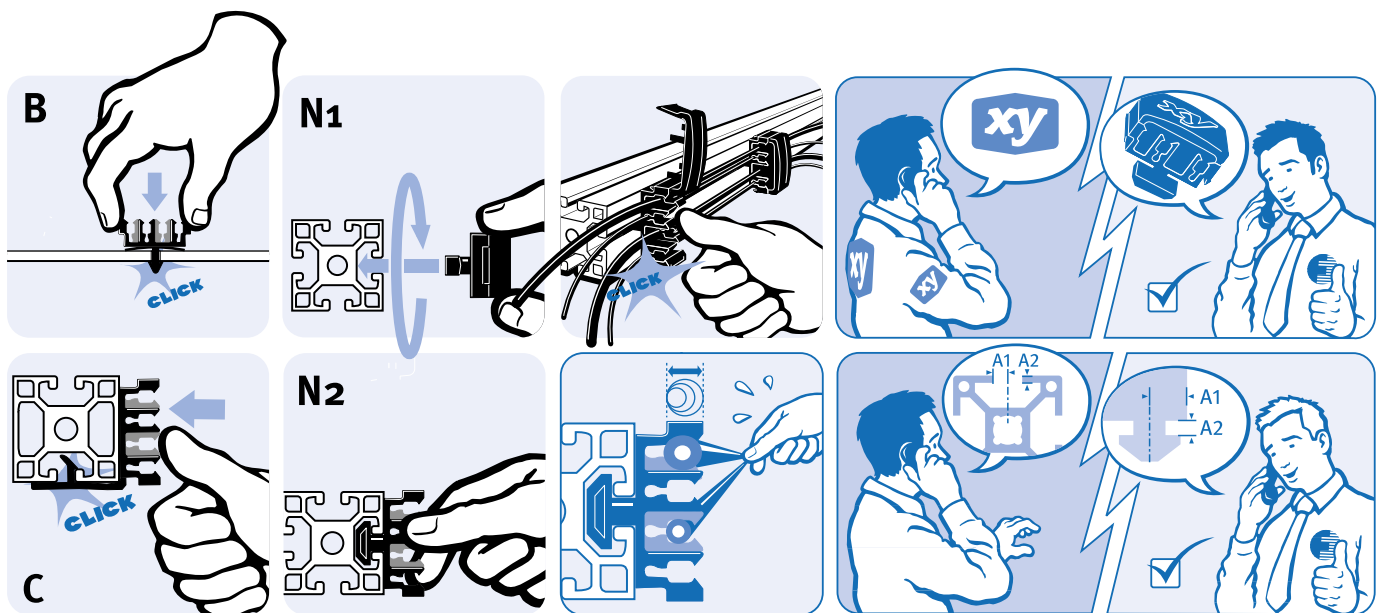


**SNAP-CABLE-BINDING WITH HAMMER**

<b>MODEL</b>	Ø 5.0 - 7.6 mm outside diameter
<b>DESCRIPTION</b>	To attach of cables securely and quick and without cable ties, with strain relief; can be mounted into the slot by a quarter turn or by snapping in
<b>MATERIAL</b>	Plastic PA
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Customized hammer, other sizes, other colors, material additives and with individual logo on request

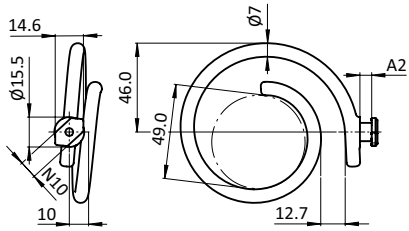


	Version	Slot	A1 [mm]	A2 (Profile) [mm]	Hole	Weight [g]	Profile	Part #
(N) Hammer for slot		8	8.0	4.4 (4.5)		10.8	I	093611N08
		10	10.0	5.7 (6.0)		10.4	B	093610N10
(N) Hammer for slot incl. cover cap		8	8.0	4.4 (4.5)		10.8	I	093611AN08

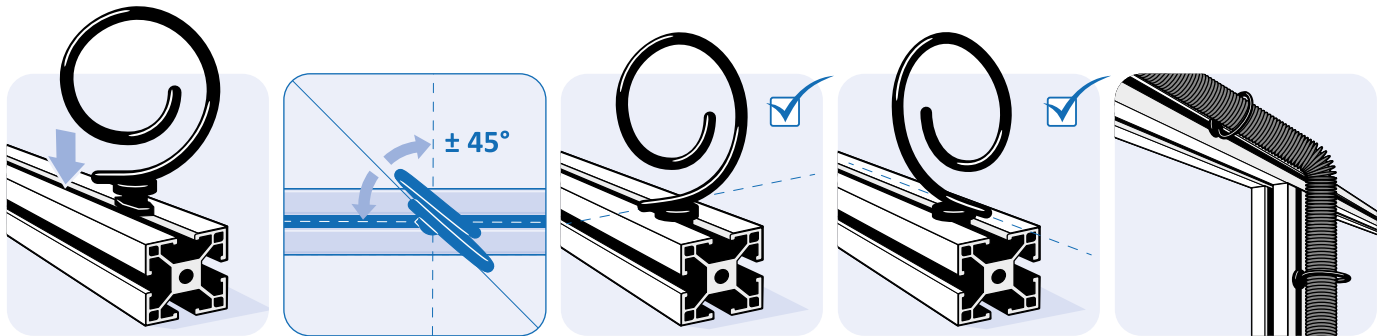


**RING CABLE BINDER**

<b>MODEL</b>	Plastic PA, Slot 10
<b>DESCRIPTION</b>	For guiding cables both lengthwise and crosswise to aluminum profiles without additional cable ties, simple to insert due to spiral shape; can be mounted into the slot by an eight of a turn
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other colors on request

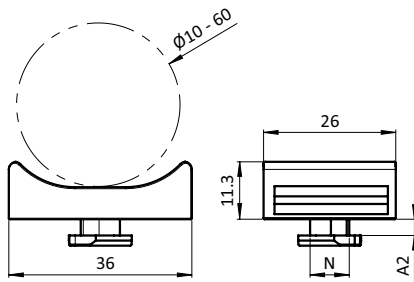


A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
5.9 (6.0)	10	16.0	B	<b>093821N10</b>

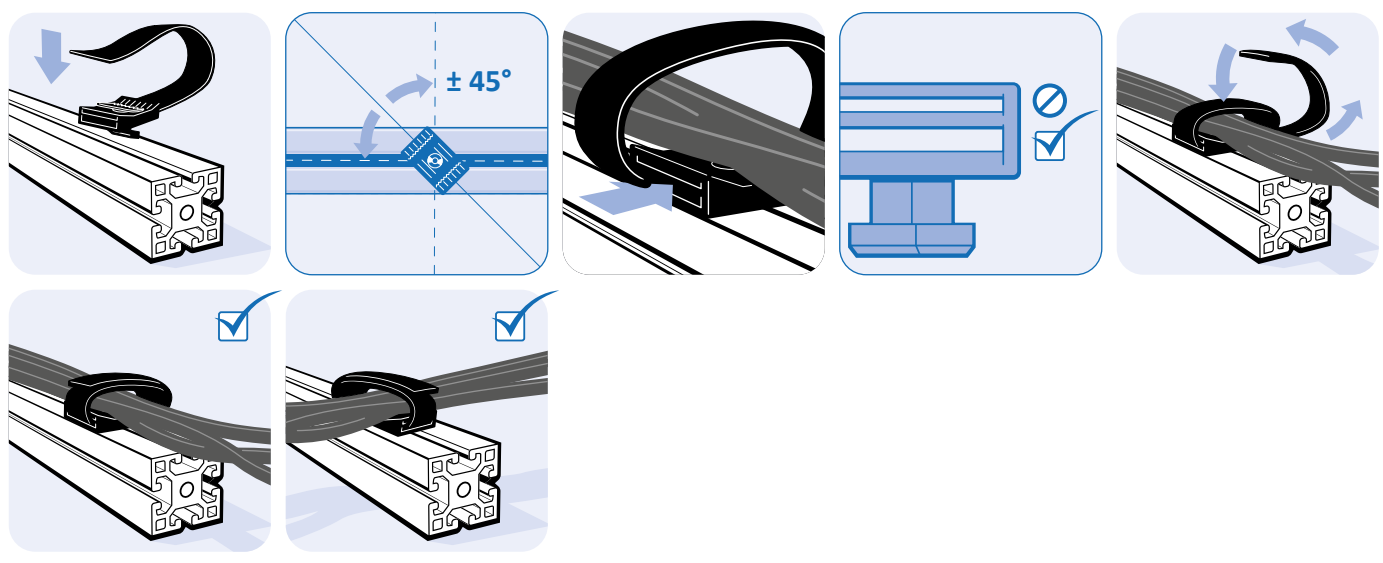


**HOOK-AND-LOOP BLOCK**

<b>MODEL</b>	Plastic PA, Slot 8, 10
<b>DESCRIPTION</b>	To fix cables to aluminum profiles in two directions without the need for cable ties, can be opened and closed again; can be mounted into the slot by an eight of a turn
<b>MATERIAL</b>	Cable binding block: Plastic PA, glass fiber reinforced Hook-and-loop strap: Plastic PP (UL94-V2)
<b>COLOR</b>	Cable binding block: Black Hook-and-loop strap: Black
<b>PACK QUANTITY</b>	10 pieces



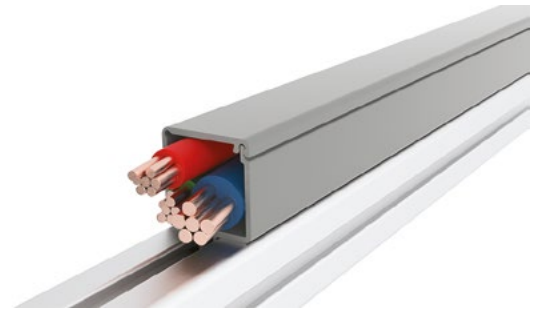
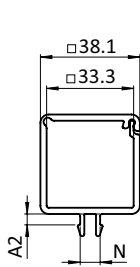
$\varnothing D$ [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
10 - 60	4.6 (4.5)	8	10.0	I	093803N08S01
	5.8 (6.0)	10	10.5	B	093809N10S01





**CONDUIT PROFILE PVC**

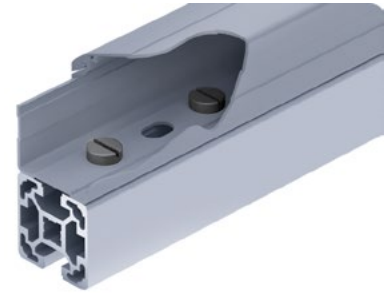
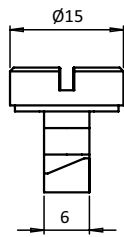
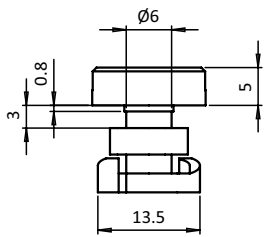
<b>MODEL</b>	Profile 40 and up
<b>DESCRIPTION</b>	To lay cables and hoses along the profile slot, reclosable
<b>MATERIAL</b>	Plastic PVC
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	20 meters (10 pieces at 2 m)
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Please note: You are ordering in meters!



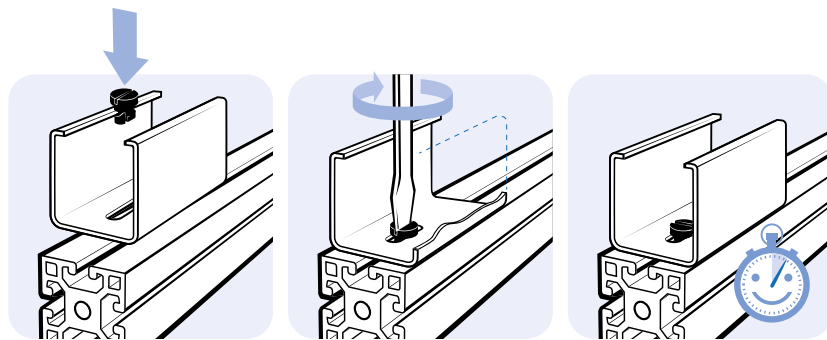
Color	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
Gray ≈ RAL 7042	4.2 (4.5)	8	806.0	I	<a href="#">093715N0874</a>
Gray ≈ RAL 7004	6.1 (6.0)	10	806.0	B	<a href="#">093715N1071</a>

**QUICK CONNECTOR**

<b>MODEL</b>	For cable ducts
<b>DESCRIPTION</b>	To fasten cable ducts to aluminum profiles
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces



Slot	Weight [g]	Profile	Part #
10	3.0	B	093QFN10



1

2

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11









12

MISCELLANEOUS COMPONENTS

13

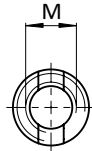
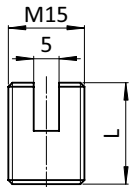
14

## MISCELLANEOUS COMPONENTS

	<b>CUTTING BUSH</b>	<b>1025</b>
	<b>POTENTIAL EQUALIZER FOR T-SLOT</b>	<b>1026</b>
	<b>GROUNDING CONNECTOR (SET)</b>	<b>1027</b>
	<b>POTENTIAL EQUALIZER (SET)</b>	<b>1028</b>
	<b>GROUNDING TERMINAL FOR T-SLOT</b>	<b>1029</b>
	<b>STRIP BRUSH</b>	<b>1030</b>
	<b>SAFETY STRIP "STRAPTIE"</b>	<b>1031</b>
	<b>ANTI-LOSS WASHER</b>	<b>1032</b>

**CUTTING BUSH**

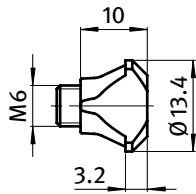
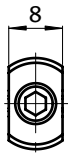
<b>MODEL</b>	Self tapping, steel
<b>DESCRIPTION</b>	To fix leveling feet or transport and base plates to the aluminum profile
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Blue zinc plated
<b>PACK QUANTITY</b>	100 pieces



Surface	Material	L [mm]	M	Weight [g]	Part #
Blue zinc plated	Steel	20	M6	16.0	<a href="#">340ME110</a>
	Steel	20	M8	15.0	<a href="#">340ME111</a>
	Steel	20	M10	15.0	<a href="#">340ME112</a>

POTENTIAL EQUALIZER FOR T-SLOT

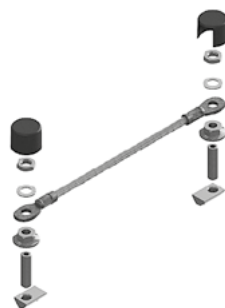
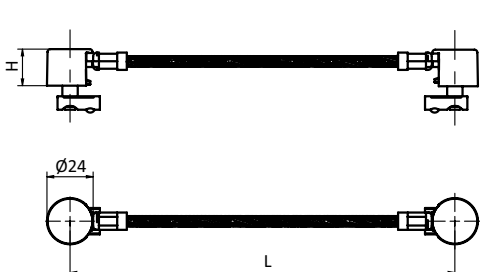
<b>MODEL</b>	Slot 8, zinc plated steel
<b>DESCRIPTION</b>	To make an ESD electrostatic discharging connection between two slot 8 aluminum profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



	ESD	Slot	Weight [g]	Profile	Part #
	ESD electrostatical discharging	8	5.2	I	<a href="#">093090</a>

**GROUNDING CONNECTOR (SET)**

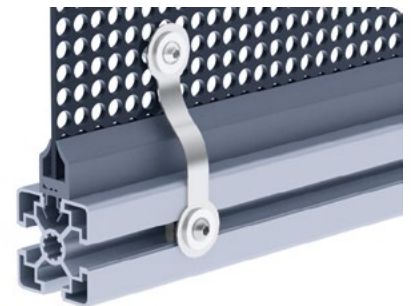
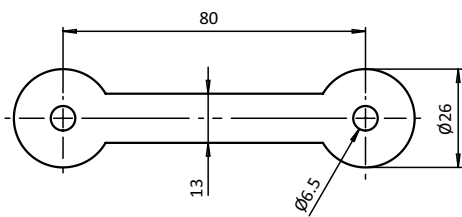
<b>MODEL</b>	Slot 6, 8, 10
<b>DESCRIPTION</b>	To electrically connect movable parts to each other as flexible grounding wire, and to create ESD electrically conductive connections between juxtaposed frames as equipotential bonding; large conductor cross-section (16 mm <sup>2</sup> ), current carrying capacity 120 A max.
<b>MATERIAL</b>	Earth lead: Copper Assembly material: Steel Cover caps: Plastic PA, glass fiber reinforced
<b>SURFACE</b>	Earth Lead: Tin plated Assembly material: Zinc plated
<b>COLOR</b>	Cover caps: Black
<b>SET 1</b>	(Listed in assembly sequence incl. tightening torques): 2 T-slot nuts - slot 6 - M6, 2 threaded pins DIN 916 - M6 x 22 (M = 10 Nm), 2 flanged hexagon nuts DIN 6923 - M6 (M = 34 Nm), 1 earth lead 200 mm, 2 serrated lock washers DIN 6798 - 6,11, 2 hexagon nuts DIN 439 B - M6 (M = 25 Nm), 2 cover caps
<b>SET 2</b>	(Listed in assembly sequence incl. tightening torques): 2 T-slot nuts - slot 8 - M8, 2 threaded pins DIN 916 - M8 x 30 (M = 10 Nm), 2 flanged hexagon nuts DIN 6923 - M8 (M = 34 Nm), 1 earth lead 300 mm, 2 serrated lock washers DIN 6798 - 8.4, 2 hexagon nuts DIN 439 B - M8 (M = 25 Nm), 2 cover caps
<b>SET 3</b>	(Listed in assembly sequence incl. tightening torques): 2 T-slot nuts - slot 8 - M8, 2 threaded pins DIN 916 - M8 x 30 (M = 10 Nm), 2 flanged hexagon nuts DIN 6923 - M8 (M = 34 Nm), 1 earth lead 200 mm, 2 serrated lock washers DIN 6798 - 8.4, 2 hexagon nuts DIN 439 B - M8 (M = 25 Nm), 2 cover caps
<b>SET 4</b>	(Listed in assembly sequence incl. tightening torques): 2 T-slot nuts - slot 10 - M8, 2 threaded pins DIN 916 - M8 x 30 (M = 10 Nm), 2 flanged hexagon nuts DIN 6923 - M8 (M = 34 Nm), 1 earth lead 200 mm, 2 serrated lock washers DIN 6798 - 8.4, 2 hexagon nuts DIN 439 B - M8 (M = 25 Nm), 2 cover caps
<b>PACK QUANTITY</b>	10 sets



	Set	H [mm]	L [mm]	Slot	Weight [g]	Profile	Part #
	Set 1	14.0	200.0	6	84.0	I	093099S04
	Set 2	19.0	300.0	8	145.0	I	093099S03
	Set 3	19.0	200.0	8	114.0	I	093099S01
	Set 4	19.0	200.0	10	108.0	B	093099S02

POTENTIAL EQUALIZER (SET)

<b>MODEL</b>	Slot 10, stainless steel
<b>DESCRIPTION</b>	To make an ESD electrostatic discharging connection between panel and aluminum profile
<b>MATERIAL</b>	Stainless steel SS304
<b>SURFACE</b>	Plain
<b>SET</b>	1 potential equalizer, 1 pan-head screw ISO 7380 - M6 x 12, 1 -slot nut with spring, Nut 10 mit Steg, M6, 3 washers DIN 9021 - 6.4, 1 flange nut DIN 9023 - M6, 1 pan-head screw ISO 7380 - M6 x 20
<b>PACK QUANTITY</b>	10 sets

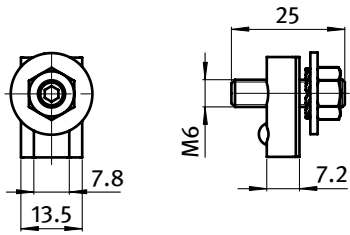


	ESD	Slot	Weight [g]	Profile	Part #
	ESD electrostatical discharging	10	39.0	B	<a href="#">093096S01</a>



**GROUNDING TERMINAL FOR T-SLOT**

<b>MODEL</b>	Slot 8, Zinc Plated Steel / Brass
<b>DESCRIPTION</b>	To make an ESD electrostatic discharging connection
<b>MATERIAL</b>	T-Slot Nut, grub screw, serrated washer: Steel Hexagon nut, washer: Brass
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces



	ESD	Slot	Weight [g]	Profile	Part #
	ESD electrostatical discharging	8	19.0	I	<a href="#">093091</a>

**STRIP BRUSH**

<b>MODEL</b>	Plastic, slot 8, 10
<b>DESCRIPTION</b>	To tighten, carry, clean, guide and fix
<b>MATERIAL</b>	Body: Plastic ABS Bristles: Plastic PA
<b>SURFACE</b>	Bristle: Smooth
<b>COLOR</b>	Body: Black Bristles: Black
<b>FASTENING</b>	Simply inserting into slot
<b>PACK QUANTITY</b>	20 m (20 pieces at 1 m)
<b>SPECIALS</b>	Other sizes (FH, ØFD), polyester PBT bristles for exterior and humid areas on request

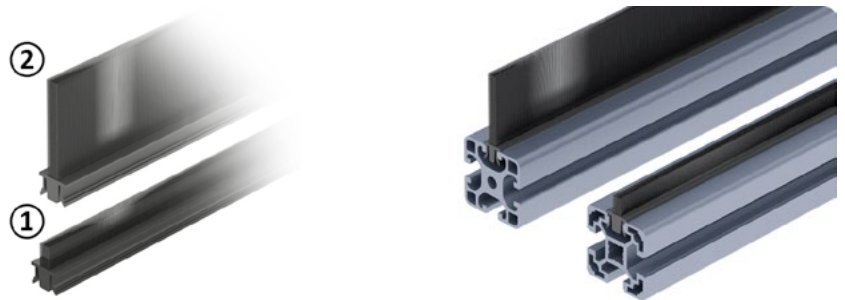
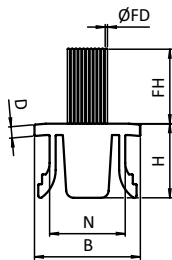
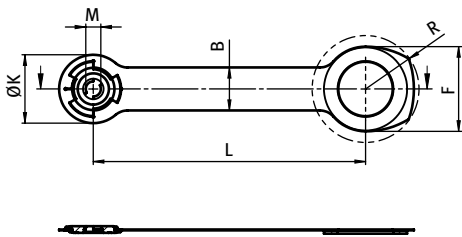


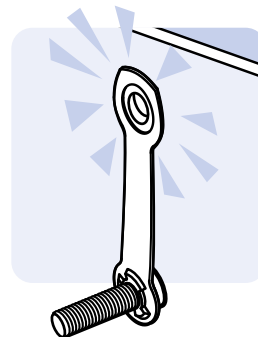
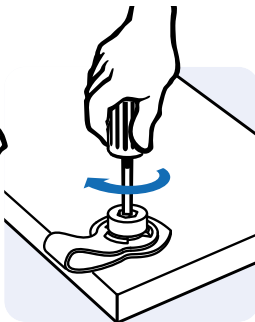
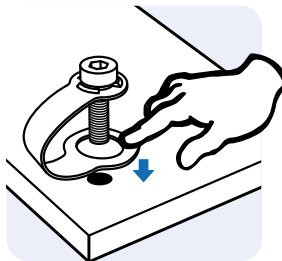
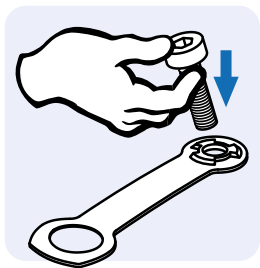
Fig.	ESD	D [mm]	B [mm]	H [mm]	FH [mm]	ØFD [mm]	N	Weight [g]	Part #
①		1.5	12.0	8.5	10.0	0.2	8	94.0	<a href="#">093SB10N08</a>
②		1.5	12.0	8.5	40.0	0.2	8	139.0	<a href="#">093SB40N08</a>
①		1.5	14.0	9.8	10.0	0.2	10	110.0	<a href="#">093SB10N10</a>
②		1.5	14.0	9.8	40.0	0.2	10	170.0	<a href="#">093SB40N10</a>
②	ESD electrostatical discharging	1.5	12.0	8.5	40.0	0.2	8	139.0	<a href="#">093SB40N08ESD</a>

**SAFETY STRIP "STRAPTIE"**

<b>MODEL</b>	for Screws with thread M6, M8, M10, M12
<b>DESCRIPTION</b>	To easily and fastly secure screws, according to Machinery Directive 2006/42/EC
<b>MATERIAL</b>	Strap: Plastic PVC Shim: Plastic PA, glass fiber reinforced
<b>COLOR</b>	Clear / black
<b>PACK QUANTITY</b>	20 pieces



Version	B [mm]	L [mm]	R [mm]	ØK [mm]	F [mm]	M [mm]	Weight [g]	Part #
With print	14.2	90.0	34.9	22.6	28.0	6	1.0	<a href="#">093VS06</a>
	18.2	100.0	39.5	28.2	32.0	8	1.5	<a href="#">093VS08</a>
	23.2	120.0	46.8	33.2	29.0	12	3.0	<a href="#">093VS12</a>
Without print	14.2	90.0	34.9	22.6	28.0	6	1.0	<a href="#">093VS06S01</a>
	18.2	100.0	39.5	28.2	32.0	8	1.5	<a href="#">093VS08S01</a>



**ANTI-LOSS WASHER**

<b>MODEL</b>	For screws with thread M5, M6, and M8
<b>DESCRIPTION</b>	To easily and fastly secure screws
<b>MATERIAL</b>	Plastic PA
<b>COLOR</b>	Natural / black
<b>PACK QUANTITY</b>	1000 pieces
<b>SPECIALS</b>	Other sizes on request

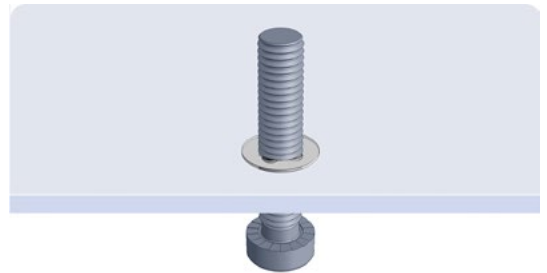
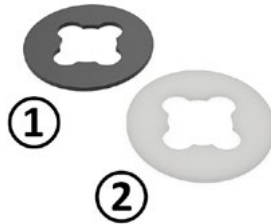
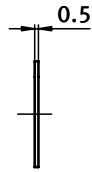
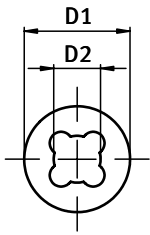


Fig.	Color	for Screw	D1 [mm]	D2 [mm]	Weight [g]	Part #
①	Black	M5	10.0	4.1	1.0	<a href="#">093169SW</a>
①	Black	M6	12.0	5.1	1.0	<a href="#">093166SW</a>
②	Natural	M5	10.0	4.1	1.0	<a href="#">093169</a>
②	Natural	M6	12.0	5.1	1.0	<a href="#">093166</a>
②	Natural	M8	14.0	6.2	1.0	<a href="#">093156</a>

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









10

11



12

13

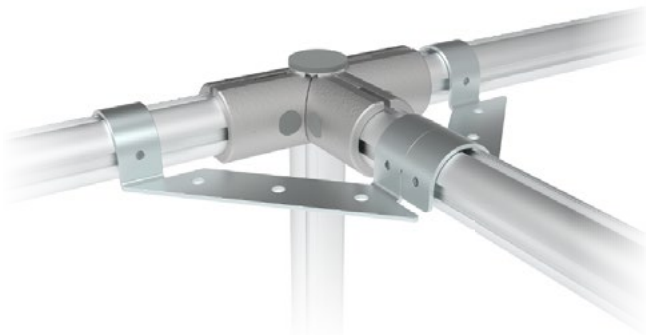
## TUBULAR FRAME COMPONENTS

	SLIDE RAIL D28	1039		MOUNTING BRACKET 60 X 47, D28 (SET)	1057
	THREADED SLEEVE D28L (SET)	1040		VARIO BLOCK D28 (SET)	1058
	OUTER T-CONNECTOR D28 (SET)	1041		VARIO BLOCK AL D28 (SET)	1059
	INNER T-CONNECTOR D28 (SET)	1042		CROSS CABLE BINDER BLOCK D28	1060
	PARALLEL CONNECTOR D28 (SET)	1043		CROSS CABLE BINDER BLOCK D28 UNIVERSAL	1061
	PARALLEL CLAMP D28 (SET)	1044		MOUNTING CLAMP D28 (SET)	1062
	INNER BALL CONNECTOR D28 (SET)	1045		HOLDING BRACKET XST D28	1063
	ANGLE CONNECTOR D28, 45° (SET)	1046		HOLDING BRACKET AL D28	1064
	ANGLE CONNECTOR 2D28 (SET)	1047		VARIABLE HOLDING BRACKET XST D28	1065
	CROSS CONNECTOR D28 (SET)	1048		VARIABLE HOLDING BRACKET AL D28	1066
	OUTER BALL CONNECTOR D28 (SET)	1049		MOUNTING BRACKET XST D28	1067
	OUTER BALL BUTT CONNECTOR D28 (SET)	1050		MOUNTING BRACKET AL D28	1068
	INNER BALL BUTT CONNECTOR D28 (SET)	1051		COVER CAP D28 / D30	1069
	CORNER CONNECTOR 2D28 (SET)	1052		LABEL CLIP D28 / D30	1070
	ADAPTER PLATE D28 (SET)	1053		SUSPENSION PLATE D28 / D30	1071
	ADAPTER PIECE D28 - 40 M8 (SET)	1054		TOOL HOOK FX 24/16 - 12 FOR TUBES D28 / D30	1072
	T-CONNECTOR PLATE D28	1055		TOOL HOOK FX 66/27 - 13, RUBBERIZED FOR TUBES D28 / D30	1073
	T-CONNECTOR D28 - SLOT 10 (SET)	1056		TOOL HOOK FX 66/27 - 13 FOR TUBES D28 / D30	1074

	<b>TOOL HOOK FX 7/38 - 24 FOR TUBES D28 / D30</b>	<b>1075</b>		<b>OUTER T-CONNECTOR D30 (SET)</b>	<b>1093</b>
	<b>TOOL HOOK FX 59/19 - 24 FOR TUBES D28 / D30</b>	<b>1076</b>		<b>OUTER T-CONNECTOR D30 - SLOT 8 (SET)</b>	<b>1094</b>
	<b>TOOL HOOK FX 17/57 - 24 FOR TUBES D28 / D30</b>	<b>1077</b>		<b>CORNER CONNECTOR 2D30 (SET)</b>	<b>1095</b>
	<b>TOOL HOLDER FX D80 FOR TUBES D28 / D30</b>	<b>1078</b>		<b>ANGLE CONNECTOR 2D30 (SET)</b>	<b>1096</b>
	<b>TOOL DOUBLE HOOK FX R35 - 67, RUBBERIZED FOR TUBES D28 / D30</b>	<b>1079</b>		<b>T-CONNECTOR PLATE D30 (SET)</b>	<b>1097</b>
	<b>TOOL HOOK FX R35 - 27, RUBBERIZED FOR TUBES D28 / D30</b>	<b>1080</b>		<b>PARALLEL CONNECTOR D30 (SET)</b>	<b>1098</b>
	<b>CLOTH CLIP FX FOR TUBES D28 / D30</b>	<b>1081</b>		<b>ANGLE CONNECTOR D30, 45° (SET)</b>	<b>1099</b>
	<b>BOTTLE HOLDER FX FOR TUBES D28 / D30</b>	<b>1082</b>		<b>CROSS CONNECTOR D30 (SET)</b>	<b>1100</b>
	<b>TOOL TRAY PARABOL FX FOR TUBES D28 / D30</b>	<b>1083</b>		<b>CROSS BALL CONNECTOR D30 (SET)</b>	<b>1101</b>
	<b>BROOM HOLDER FLEX FX 20 - 30 FOR TUBES D28 / D30</b>	<b>1084</b>		<b>MOUNTING BRACKET D30 (SET)</b>	<b>1102</b>
	<b>TOOL QUIVER FX D50 FOR TUBES D28 / D30</b>	<b>1085</b>		<b>OUTER BALL BUTT CONNECTOR D30 (SET)</b>	<b>1103</b>
	<b>DRILL / DRIVER HOLDER FX D50 FOR TUBES D28 / D30</b>	<b>1086</b>		<b>VARIO BLOCK AL D30</b>	<b>1104</b>
	<b>BAG CUTTER FX FOR TUBES D28 / D30</b>	<b>1087</b>		<b>PANEL CLIP D30</b>	<b>1105</b>
	<b>PACKING TAPE HAND DISPENSER HOLDER FX FOR TUBES D28 / D30</b>	<b>1088</b>		<b>TOP SUSPENSION D30 (SET)</b>	<b>1106</b>
	<b>SLIDE RAIL D30</b>	<b>1089</b>		<b>TOP CORNER SUSPENSION D30 (SET)</b>	<b>1107</b>
	<b>PROTECTION CAP D30</b>	<b>1090</b>		<b>TOP CLAMP D30 (SET)</b>	<b>1108</b>
	<b>COVER CAP FOR TUBULAR FRAME CONNECTORS D30</b>	<b>1091</b>		<b>CROSS CABLE BINDER BLOCK D30</b>	<b>1109</b>
	<b>THREADED SLEEVE AL D30</b>	<b>1092</b>		<b>LABEL HOLDER D30 (SET)</b>	<b>1110</b>

	<b>MOUNTING CLAMP D30 (SET)</b>	<b>1111</b>
	<b>ROLLER Ø 39.5 (SET)</b>	<b>1112</b>
	<b>ROLLER Ø 46.5</b>	<b>1113</b>
	<b>SLIDE BEARING D40/D30</b>	<b>1114</b>
	<b>HOLDING BRACKET XST D30</b>	<b>1115</b>
	<b>HOLDING BRACKET AL D30</b>	<b>1116</b>
	<b>VARIABLE HOLDING BRACKET XST D30</b>	<b>1117</b>
	<b>VARIABLE HOLDING BRACKET AL D30</b>	<b>1118</b>
	<b>MOUNTING BRACKET XST D30</b>	<b>1119</b>





## CONNECTORS FOR ALUMINUM TUBULAR FRAME PROFILES D28 & D30

**Flexible, secure, uncomplicated:**  
**FATH Connectors for Tubular Frame Profiles D28 and D30**



- 90° connection
- Connection from 40x40 to D28/ D30
- Corner connection
- Parallel connection
- Ball connector inside and outside
- X connector 45° connection
- Crosspieces

### HIGHLIGHTS

Due to their special geometry (dovetail shape), the aluminum round tube systems D28 and D30 are particularly efficient. With **FATH** connectors, you can create twist-resistant and stable connections for these round tube systems in a few simple steps. This results in a positive connection that provides long-term strong support. You can cut the tubular frame profiles to length yourself. Particular precision is not necessary, since the **FATH** connectors compensate to some degree for length tolerances, angular errors and uneven cuts. Thanks to the wide variety of connectors and functions, you can implement the right structure for almost all requirements. The planning of individual structures for workstations, material trolleys, shelves, material feeds, etc. is easy due to the small number of required parts, and the assembly can be done quickly. In the industrial production environment, requirements or the

workplace can change at any time. **FATH** connectors for aluminium tubular frame profiles D28 & D30 can be quickly removed and reused, just like the profiles themselves. This offers maximum flexibility for your designs in industrial production – an economical solution that also scores points in terms of sustainability. **FATH** connectors are delivered ready for use as a completely pre-assembled set and can be installed directly.

GREAT VARIETY



### Multifunctional plate fastening for tubular frame profiles

Multifunctional plate fastening from **FATH** enables surface elements to be fastened to a tubular frame profile with an outside diameter of 30 mm in a variety of ways: bottom front, tubular frame profile flush to a surface element, any position on a surface element bottom or top front. The fixing clamp D30 (set) consists of two components, a basic element and height compensation. You can use the basic element individually or simply screw it together with the height compensation if necessary. The tubular frame profile is then completely enclosed.

Individual designs for almost any requirement can be built quickly and easily – from splash guards to cladding.

# MULTIFUNCTIONAL CONNECTIONS

## Table brackets

A large selection of mounting options for table plates are available:

- Table plate attachments
- Table plate attachment flap
- Parallel clamp
- Table attachment
- Plate attachment

## Roller conveyor

Attachment brackets are available in various versions as well as for the two different versions of steel roller conveyor and aluminum rail:

- Attachment without end stop
- Attachment with end stop
- Mounting bracket
- Attachment with high end stop
- Variable brackets



## Flexible & multifunctional:

The connectors for tubular frame profiles D28 and D30 are available in many versions. Here is a glimpse into the available connectors:



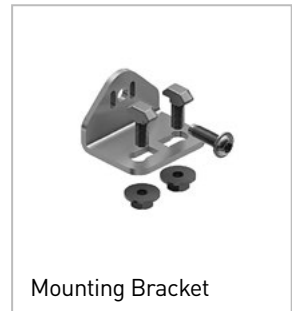
Ball Connector



Threaded Sleeve



Angle Connector



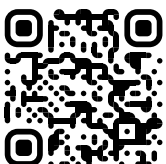
Mounting Bracket



Adapter Plate



Cover Caps



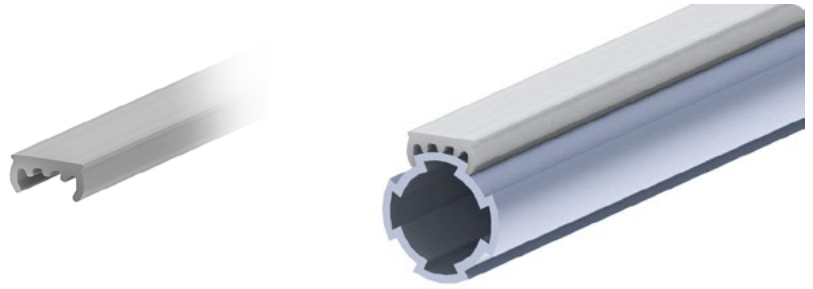
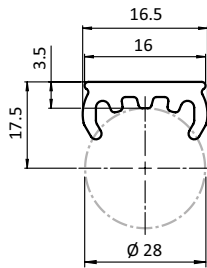
Get to know it  
better now!

[tubular.fath24.com](http://tubular.fath24.com)



**SLIDE RAIL D28**

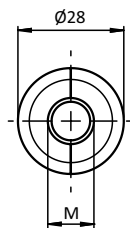
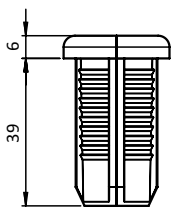
<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To build simple slipways by clipping on a tubular frame profile with $\varnothing$ 28 mm outer diameter; also applicable as support strip for the mouting of panels with vario block AL D28
<b>MATERIAL</b>	Plastic PVC-U
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	200 meters (100 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters! Compatible Vario Block see 094AD28



Color	ESD	Weight [g/m]	Profile	Part #
Gray $\approx$ RAL 7035		66.0	B	<b>092060</b>

**THREADED SLEEVE D28L (SET)**

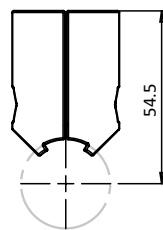
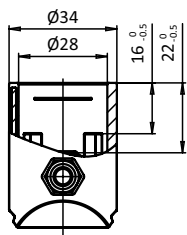
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To fix leveling feet or swivel casters to the front of tubular frame profiles D28L with $\varnothing$ 28 mm outer diameter
<b>MATERIAL</b>	Sleeve: Plastic PA, carbon fibre reinforced Long nut: Steel
<b>SURFACE</b>	Long nut: Zinc plated
<b>COLOR</b>	Sleeve: Black
<b>SET 1</b>	1 sleeve, two-part 1 long nut M8
<b>SET 2</b>	1 sleeve, two-part 1 long nut M12
<b>PACK QUANTITY</b>	20 set



	Set	Thread	Weight [g]	Part #
	Set 1	M8	29.0	<a href="#">099RV28AS02</a>
	Set 2	M12	20.0	<a href="#">099RV28AS01</a>

**OUTER T-CONNECTOR D28 (SET)**

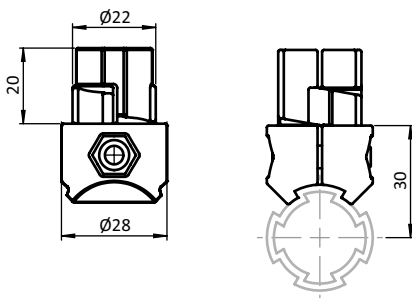
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter at right angles
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	2 components for outer T-connector D28, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 25, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	56.0	<b>099RV2890LS01</b>

**INNER T-CONNECTOR D28 (SET)**

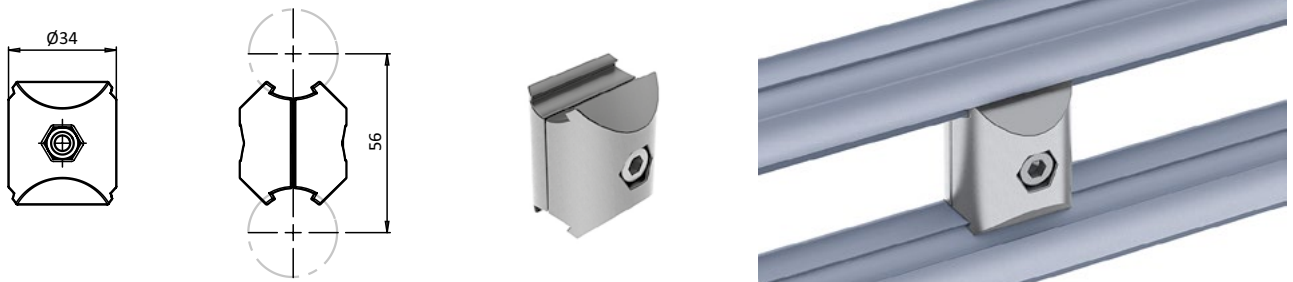
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter at right angles
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	2 components for inner T-connector D28, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 20, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	45.0	<b>099RV2890LS03</b>

**PARALLEL CONNECTOR D28 (SET)**

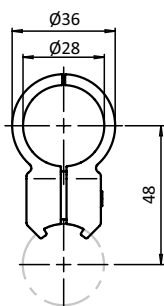
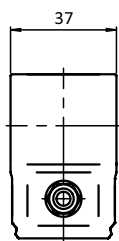
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To parallelly connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter; with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	2 components for parallel connector D28, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 25, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	62.0	<b>099RV28PS01</b>

**PARALLEL CLAMP D28 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To parallelly connect a tube or a tubular frame profile to a tubular frame profile with $\varnothing$ 28 mm outer diameter; with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	2 components for parallel clamp D28, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 25, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets



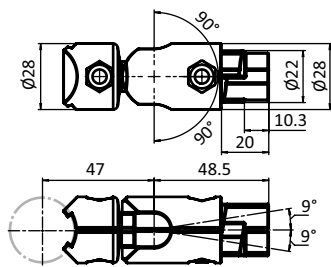
**ESD**      **Weight [g]**      **Part #**

ESD electrostatical discharging	80.3	<b>099RV28180S01</b>
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**INNER BALL CONNECTOR D28 (SET)**

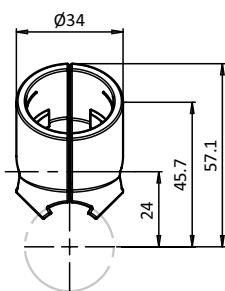
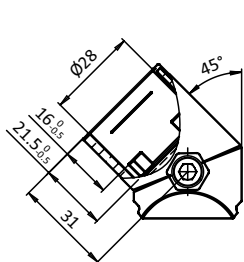
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter at variable angles, with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	4 components for inner ball butt T-connector D28, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 20, 2 self-locking nuts ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	107.0	<b>099RV28KS05</b>

**ANGLE CONNECTOR D28, 45° (SET)**

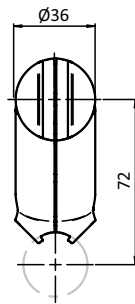
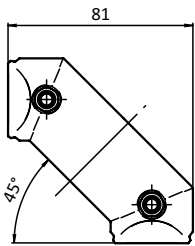
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter at 45°; with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	2 components for angle connector D28 ,45°, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 25, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	58.0	<b>099RV2845S01</b>

**ANGLE CONNECTOR 2D28 (SET)**

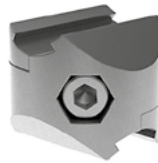
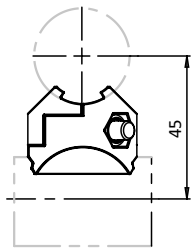
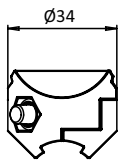
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter at right angles; with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	2 components for angle connector 2D28, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 25, 2 self-locking nuts ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	134.0	<a href="#">099RV2890QS01</a>

**CROSS CONNECTOR D28 (SET)**

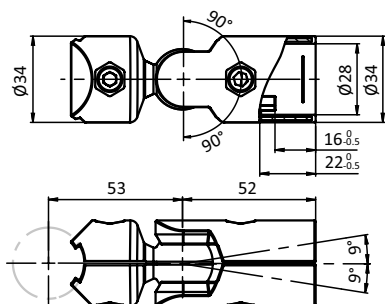
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To cross connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	2 components for cross connector D28, 1 screw ISO 4762 - M6 x 30, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	50.0	<b>099RV28XS01</b>

**OUTER BALL CONNECTOR D28 (SET)**

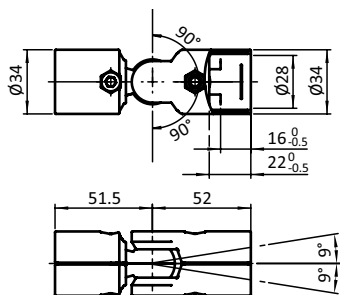
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter at variable angles, with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	4 components for outer ball connector D28, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 25, 2 self-locking nuts ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	145.0	<b>099RV28KS01</b>

**OUTER BALL BUTT CONNECTOR D28 (SET)**

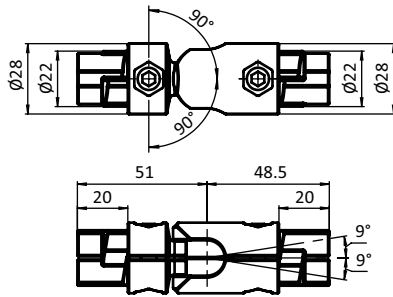
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter at variable angles, with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	4 components for outer ball butt connector D28, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 25, 2 self-locking nuts ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	150.0	<b>099RV28KS02</b>

**INNER BALL BUTT CONNECTOR D28 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter at variable angles, with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	4 components for inner ball butt connector D28, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 20, 2 self-locking nuts ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets

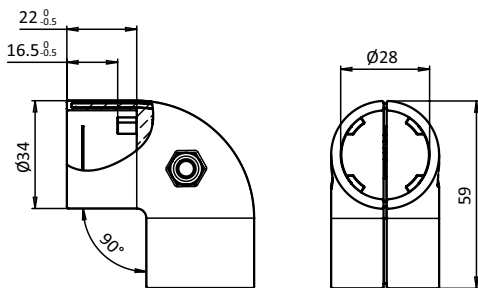


**ESD**    **Weight [g]**    **Part #**

ESD electrostatical discharging    122.0    **099RV28KS04**

**CORNER CONNECTOR 2D28 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 28 mm outer diameter at right angles; with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Assembly set: Zinc plated
<b>SET</b>	2 components for corner connector 2D28, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 25, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets

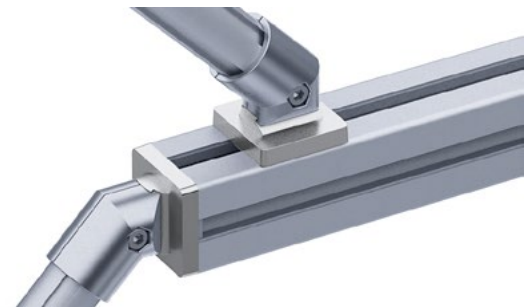
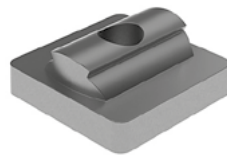
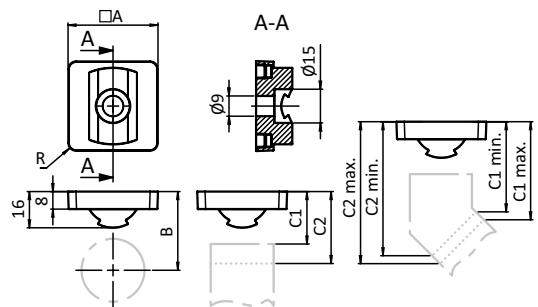


	ESD	Weight [g]	Part #
	ESD electrostatical discharging	98.0	<b>099RV28ES01</b>



**ADAPTER PLATE D28 (SET)**

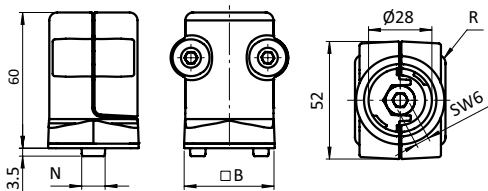
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect tubular frame profiles with slot 8 or 10 aluminum profiles
<b>MATERIAL</b>	Adapter plates: Aluminum die-cast Centering piece: Zinc die-cast
<b>SURFACE</b>	Plain
<b>SET</b>	1 adapter plate, 2 locating pins for slot 8 and 10
<b>FASTENING</b>	With pan-head-screw ISO 7380 - M8
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Connector see 099RV2890LS01, 099RV28KS01, 099RV2845S01 - 099RV2890QS01 * Compatible Cutting Bush for the reduction of the Ø 10.2 mm core hole to thread size M8 see 09308801



ESD	A [mm]	R [mm]	Slot	Weight [g]	Part #
ESD electrostatical discharging	40.0	4.0	8 / 10	29.0	<a href="#">099RVAP40S01</a>
	45.0	3.0	8 / 10	33.0	<a href="#">099RVAP45S01</a>

**ADAPTER PIECE D28 - 40 M8 (SET)**

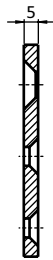
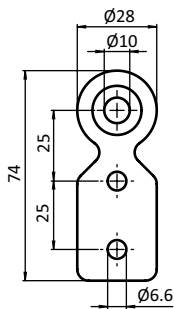
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect a tubular frame profile with $\varnothing$ 28 mm outer diameter with a slot 10 aluminum profile; Adapter piece can be attached lateral or on the face of the profile; if attached on the front face, the core hole of the respective profile must be M8 threaded (min. 20 mm deep)
<b>MATERIAL</b>	Adapter piece: Alu die-cast Centering plate: Alu die-cast Screws: Steel Washer: Steel T-slot nut: Steel
<b>SURFACE</b>	Adapter piece: Laquered Centering plate: Laquered Screws: Zinc plated Washer: Zinc plated T-slot nut: Zinc plated
<b>COLOR</b>	Adapter piece: Alu color Centering plate: Alu color
<b>SET</b>	1 adapter piece 1 centering plate 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 25 (for T-slot nut) 1 screw DIN EN ISO 4762 (DIN 912) - M8 x 30 (for core hole) 1 washer 8-FSt 1 T-slot nut - slot 10 - M8
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Cutting bush for the reduction of the $\varnothing$ 10.2 mm core hole to thread size M8 see 09308801



B [mm]	R [mm]	N	Weight [g]	Profile	Part #
40	3.0	10	208.5	B	<a href="#">061FA40S01</a>

**T-CONNECTOR PLATE D28**

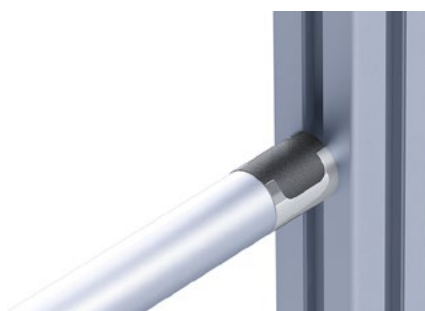
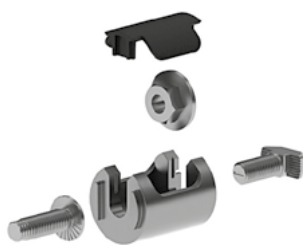
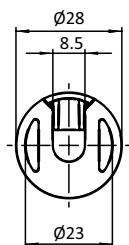
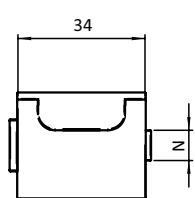
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect a tubular frame profile with $\varnothing$ 28 mm outer diameter with an aluminum profile at right angles; screw connection to the core hole of the $\varnothing$ 28 mm profile or to the threaded sleeve for D28 M8 for $\varnothing$ 28 mm tubular profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>FASTENING</b>	With countersunk screws 1x M8 and 2x M6
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Threaded Sleeve D28 M8 see 099RV28AS02



	Weight [g]	Part #
	52.3	093VAD28V

**T-CONNECTOR D28 - SLOT 10 (SET)**

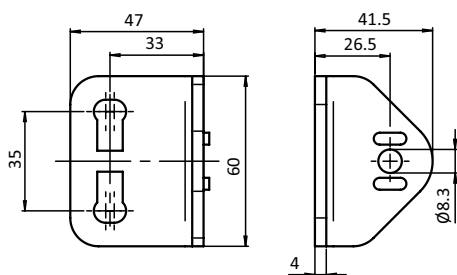
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect a tubular frame profile with $\varnothing$ 28 mm outer diameter with a slot 10 aluminum profile
<b>MATERIAL</b>	Connector: Aluminum die-cast Cover cap: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Connector: Plain Cover cap: Black Assembly set: Zinc plated
<b>SET</b>	1 T-connector D28 - slot 10, 1 cover cap, 1 self-tapping screw S8 x 25, Torx T40, 1 flange nut M8, 1 hammer head screw - Nut 10 - M8 x 20
<b>PACK QUANTITY</b>	10 sets



	N	Weight [g]	Part #
	10	62.0	<a href="#">099RV28TS01</a>

**MOUNTING BRACKET 60 X 47, D28 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect a tubular frame profile with $\varnothing$ 28 mm outer diameter with a slot 10 aluminum profile; adjustable by slotted holes
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET</b>	1 mounting bracket, 1 self-tapping screw S8 x 25 - Torx T40, 2 hammer head screws - Nut 10 - M8 x 20, 2 flange nuts M8
<b>PACK QUANTITY</b>	20 set

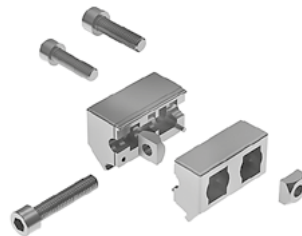
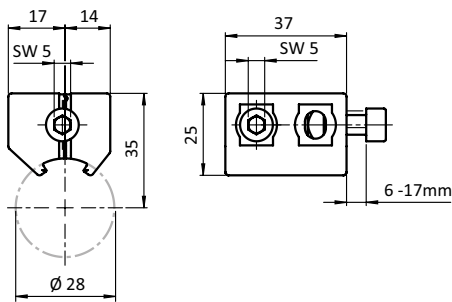


	ESD	Weight [g]	Profile	Part #
	ESD electrostatical discharging	176.0	B	<b>099RV28TWS01</b>



**VARIO BLOCK AL D28 (SET)**

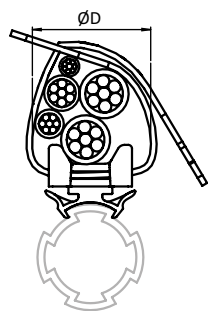
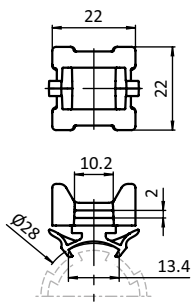
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To attach panels firmly to tubular frame profiles with $\varnothing 28$ mm outer diameter, ESD electrostatical discharging
<b>MATERIAL</b>	Aluminum
<b>SURFACE</b>	Plain
<b>FIXATION SPAN</b>	Panel units with a thickness of 6 - 17 mm
<b>SET</b>	1 vario block AL - 2-part, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 30, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 22, 2 square nuts DIN 557 - M6
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Compatible Slide Rail D28 see 092060S01



Weight [g]	Profile	Part #
63.5	B	<b>094AD28</b>

**CROSS CABLE BINDER BLOCK D28**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To fasten cables and tubes parallel to the slot, simple click-in assembly
<b>MATERIAL</b>	Cable binding block: Plastic PA, glass fiber reinforced Velcro® strap: Plastic PE (hook), Plastic PA (loop)
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces

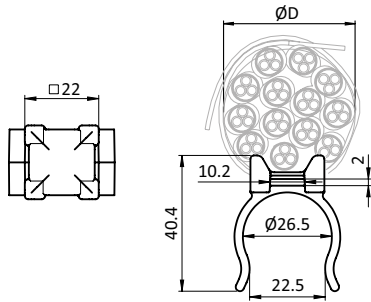


Version	ØD [mm]	Weight [g]	Part #
		4.0	<b>093291</b>
Velcro® strap	≤ 50	0.7	<b>340ME8200KL</b>



**CROSS CABLE BINDER BLOCK D28 UNIVERSAL**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To fix cables along and across aluminum profiles; can be clipped on the tubular frame profile
<b>MATERIAL</b>	Plastic PA, carbon fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces



**Weight [g]**

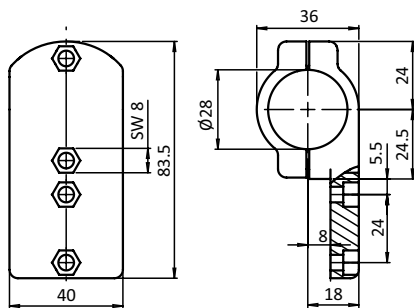
**Part #**

7.1

**093293**

**MOUNTING CLAMP D28 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To laterally connect a tubular frame profile with $\varnothing 28$ mm outer diameter to an aluminum profile, hole spacing compatible with Ergoswiss® lift cylinders
<b>MATERIAL</b>	Connector: Zinc die-cast Assembly set: Steel
<b>SURFACE</b>	Mounting clamp: Powder coated Assembly set: Zinc plated
<b>COLOR</b>	Mounting clamp: Black
<b>SET</b>	2 components for mounting clamp D28, 2 screws DIN EN ISO 4762 (DIN 912) - M5 x 16, 2 screws DIN EN ISO 4762 (DIN 912) - M5 x 10, 2 nuts DIN 934 - M5
<b>PACK QUANTITY</b>	10 sets



Weight [g]

Part #

212.0

099RV28H

**HOLDING BRACKET XST D28**

<b>MODEL</b>	For roller tracks XST
<b>DESCRIPTION</b>	To mount roller tracks XST and guiding rails XST central to tubular frame profiles with Ø 28 mm outer diameter, preventing inserts from slipping out
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request



Fig.	Version	Weight [g]	Part #
①	Without end stop	135.8	<a href="#">062MHD28M</a>
②	With end stop	156.1	<a href="#">062MHS28M</a>

**HOLDING BRACKET AL D28**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	To mount AL roller track profiles to tubular frame profiles with Ø 28 mm outer diameter, preventing inserts from slipping out
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET</b>	5 self-drilling screws DIN 7504 Form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

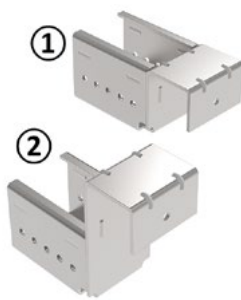
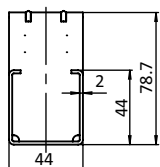
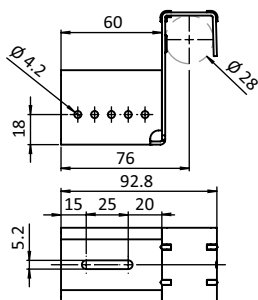
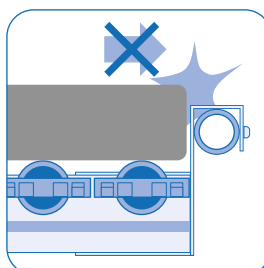
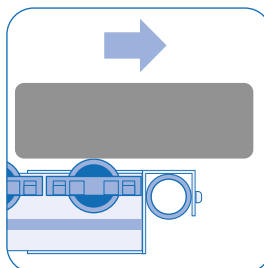
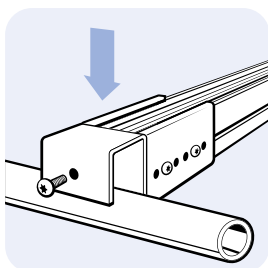
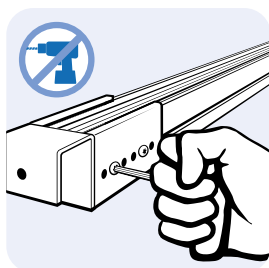
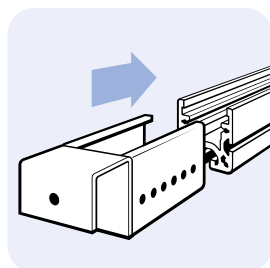


Fig.	Version	Weight [g]	Part #
①	Without end stop	176.0	<b>062AHD28M</b>
②	With end stop	198.5	<b>062AHSD28M</b>
①	Without end stop, with assembly set	186.0	<b>062AHD28MS01</b>
②	With end stop, with assembly set	208.5	<b>062AHSD28MS01</b>



**VARIABLE HOLDING BRACKET XST D28**

<b>MODEL</b>	For roller tracks XST
<b>DESCRIPTION</b>	Transition between roller tracks with varying inclination, to mount roller tracks XST and guiding rails XST central, at different angles, to tubular frame profiles with Ø 28 mm outer diameter, preventing inserts from slipping out
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>FASTENING</b>	With 3 or 4 self-drilling screws DIN 7504 Form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other surfaces, other colors on request

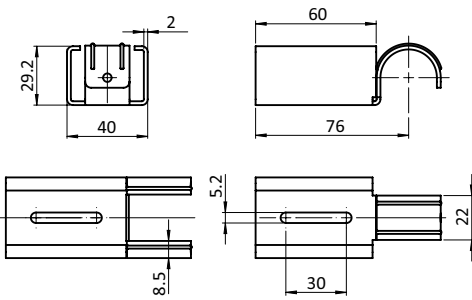


Fig.	Version	Weight [g]	Part #
①	Typ M	106.0	<a href="#">062MYMD28M</a>
②	Typ F	103.0	<a href="#">062MYFD28M</a>

**VARIABLE HOLDING BRACKET AL D28**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	Transition between roller track profiles with varying inclination, to mount roller track profiles AL at different angles to tubular frame profiles with $\varnothing$ 28 mm outer diameter, preventing inserts from slipping out
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET 1</b>	5 self-drilling screws DIN 7504 Form N - 3.9 x 16
<b>ASSEMBLY SET 2</b>	6 self-drilling screws DIN 7504 Form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

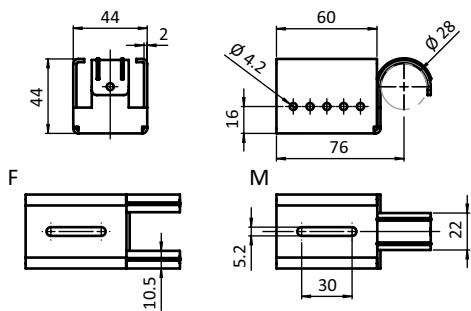
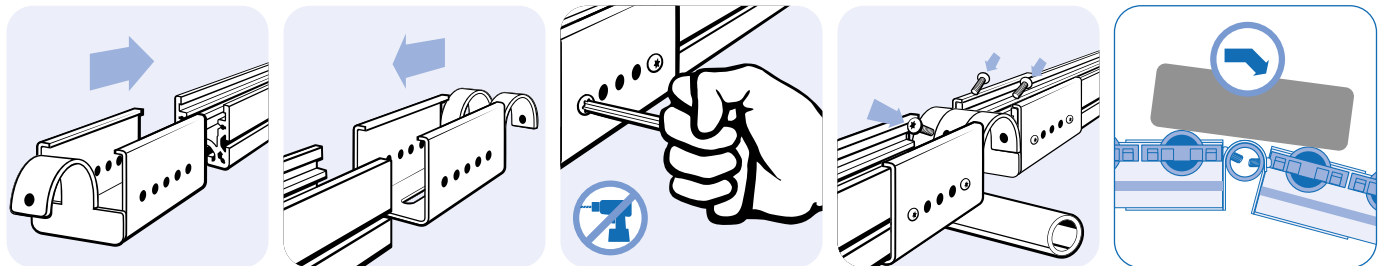
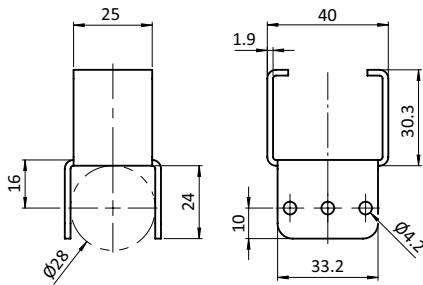


Fig.	Version	Weight [g]	Part #
②	Typ M	144.0	<b>062AYMD28M</b>
①	Typ F	142.0	<b>062AYFD28M</b>
②	Type M with assembly set 1	154.0	<b>062AYMD28MS01</b>
①	Type F with assembly set 2	154.0	<b>062AYFD28MS01</b>

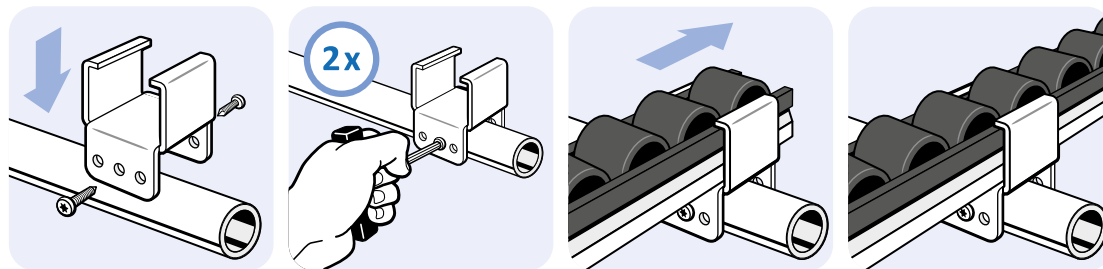


**MOUNTING BRACKET XST D28**

<b>MODEL</b>	For roller tracks XST
<b>DESCRIPTION</b>	To mount and support an roller track XST or a guiding rail XST central on a crossing tubular frame profile with $\varnothing$ 28 mm outer diameter
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET</b>	2 self-drilling screws DIN 7504 Form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request

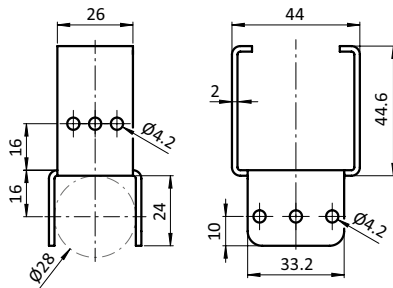


Version	Weight [g]	Part #
	64.0	062MMD28M

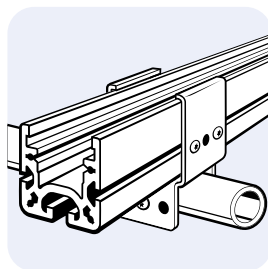
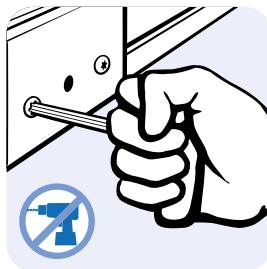
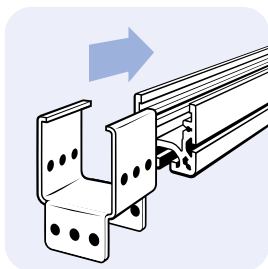


**MOUNTING BRACKET AL D28**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	To mount and support an AL roller track profile on a crossing tubular frame profile with $\varnothing$ 28 mm outer diameter
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET</b>	6 self-drilling screws DIN 7504 Form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 pieces / 10 set
<b>SPECIALS</b>	Other surfaces, other colors on request



Version	Weight [g]	Part #
	76.0	<b>062AMD28M</b>
incl. assembly set	88.0	<b>062AMD28MS01</b>





**COVER CAP D28 / D30**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To cover the end of a tubular frame profile with Ø 28 mm or Ø 30 mm outer diameter
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Black, gray
<b>PACK QUANTITY</b>	100 pieces
<b>SPECIALS</b>	Other sizes, other colors on request

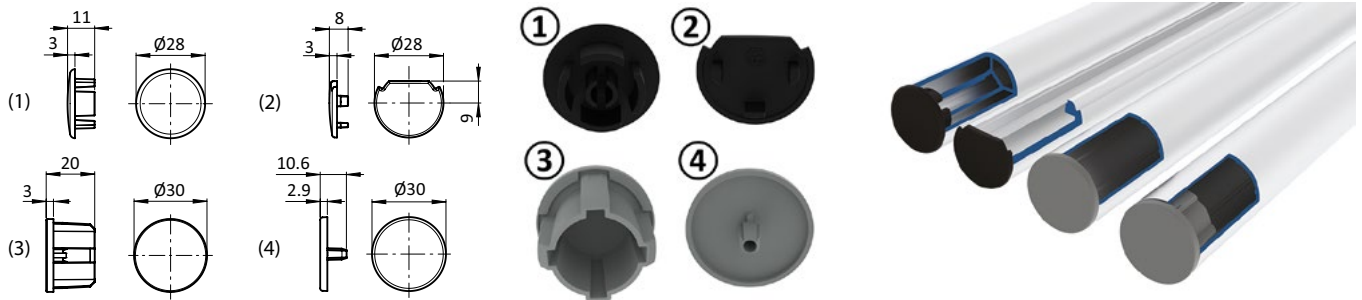
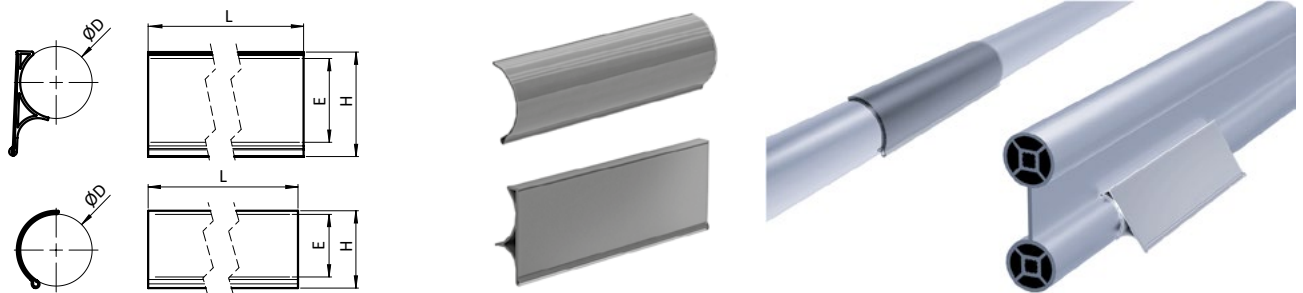


Fig.	Color	ESD	Slot	ØD [mm]	Weight [g]	Profile	Part #
①	Black	ESD electrostatical discharging		28	3.0	B	<a href="#">099RV28CC01</a>
②	Black	ESD electrostatical discharging	10	28	2.5	B	<a href="#">099RV28CC02</a>
③	Gray ≈ RAL 7042			30	4.6	I	<a href="#">099RV30CC01</a>
③	Black	ESD electrostatical discharging		30	4.6	I	<a href="#">099RV30CC02</a>
④	Gray ≈ RAL 7042			30	2.0	I	<a href="#">099RV30CC05</a>

**LABEL CLIP D28 / D30**

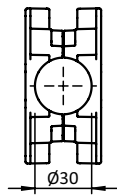
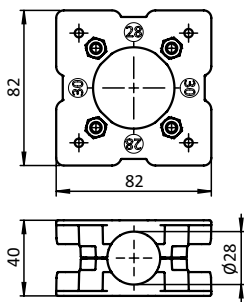
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	For labelling on tubular frame profiles with $\varnothing$ 28 or $\varnothing$ 30 mm outer diameter; for labels with 38 mm height
<b>MATERIAL</b>	Plastic hard PVC
<b>COLOR</b>	Straight labeling surface: Gray $\approx$ RAL 7035 / transparent Curved labeling surface: Transparent
<b>FASTENING</b>	Self-adhesive strip on the backside
<b>PACK QUANTITY</b>	20 pieces (at 102 mm / at 120 mm) or 20 meters (10 pieces at 2 m)
<b>TIP</b>	* Please note: You are ordering in meters!



Version	Color	H [mm]	L [mm]	ØD [mm]	E [mm]	Weight [g]	Profile	Part #
Straight labeling surface	Gray $\approx$ RAL 7035 / transparent	41.0	120.0	28.0	38.0	15.0	B	<a href="#">093LC38D28S01.120</a>
	Gray $\approx$ RAL 7035 / transparent	41.0	*2000	28.0	38.0	270.0	B	<a href="#">093LC38D28S01.2000</a>
Curved labeling surface	Transparent	40.0	120.0	28.0	38.0	4.0	B	<a href="#">093LCT38D28.120</a>
	Transparent	40.0	*2000	28.0	38.0	72.0	B	<a href="#">093LCT38D28.2000</a>
	Transparent	40.0	102.0	30.0	38.0	6.0	I	<a href="#">093LCT38D30.102</a>

**SUSPENSION PLATE D28 / D30**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To fix grab trays, grab containers and tray containers to horizontal or vertical tubular frame profiles with $\varnothing$ 28 mm or $\varnothing$ 30 mm outer diameter
<b>MATERIAL</b>	Suspension plate: Plastics PA, glass fiber reinforced Assembly material: Steel
<b>SURFACE</b>	Mounting material: Zinc plated
<b>COLOR</b>	Suspension plate: Black
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Grab Tray see 061MGT2D391H, compatible Grab Container see 061MGC2K291H, compatible Tray Container see 061MTC2K291H



**Weight [g]**

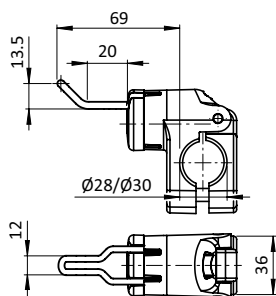
**Part #**

113.0

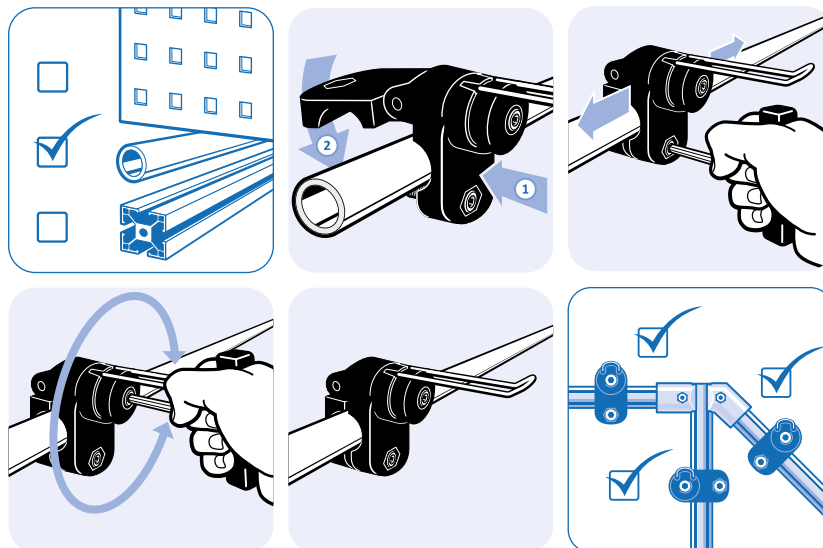
**061MA291D**

**TOOL HOOK FX 24/16 - 12 FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for tubes or tubular frame profiles To organize work stations
<b>MATERIAL</b>	Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

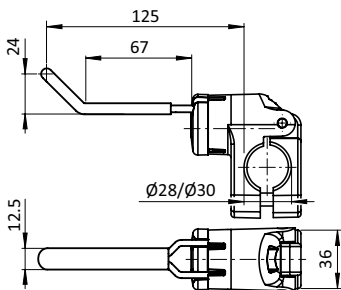


Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	193.0	<b>6TH2D283A5020ESDS01</b>

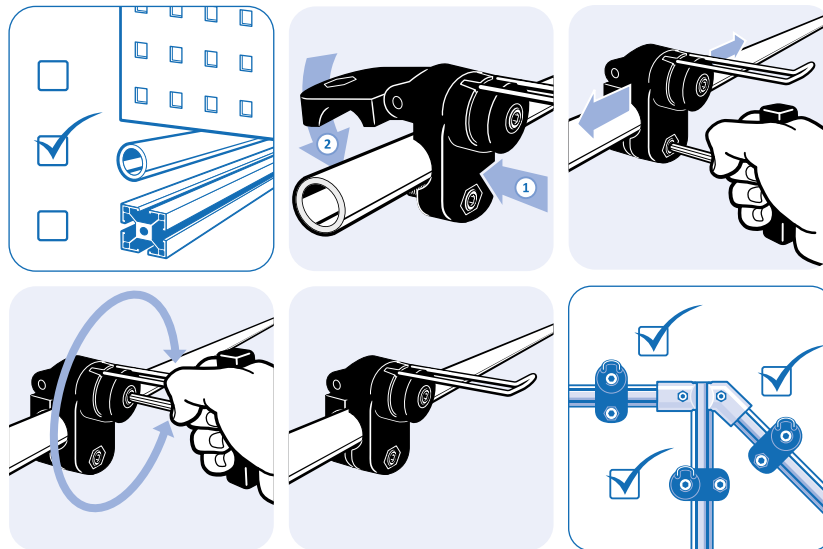


**TOOL HOOK FX 66/27 - 13, RUBBERIZED FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for tubes or tubular frame profiles; Rubber coated wire to prevent tools from slipping; To organize workstations
<b>MATERIAL</b>	Holder: Plastic PA, glass ball reinforced Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Wire: PVC coated Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Wire: Black coated Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

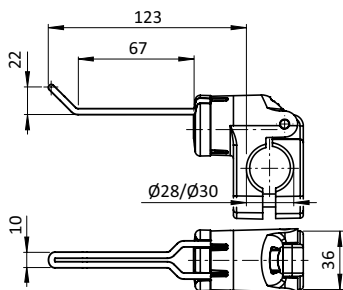


Color	Weight [g]	Part #
Black	221.7	6TH2D283A903091S01

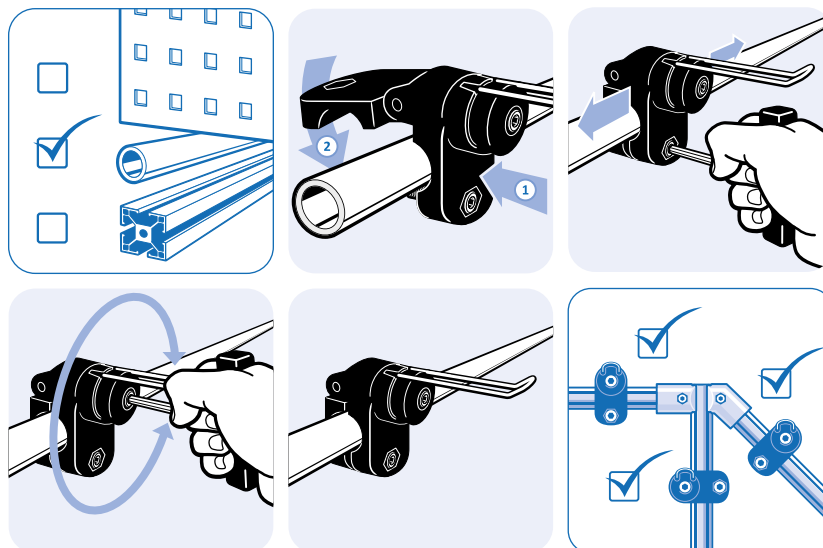


**TOOL HOOK FX 66/27 - 13 FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for tubes or tubular frame profiles To organize work stations
<b>MATERIAL</b>	Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

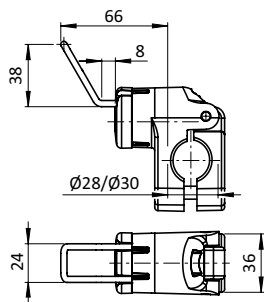


Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	170.7	<a href="#">6TH2D283A9030ESDS01</a>

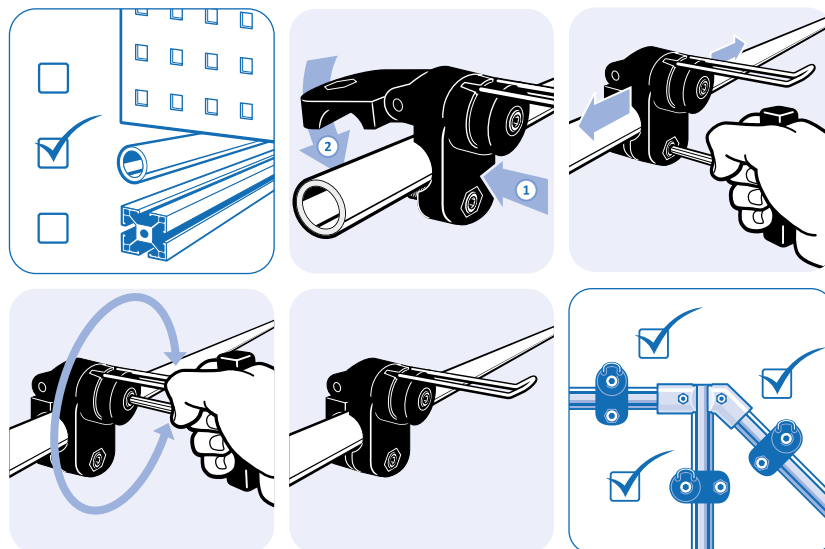


**TOOL HOOK FX 7/38 - 24 FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for tubes or tubular frame profiles To organize work stations
<b>MATERIAL</b>	Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

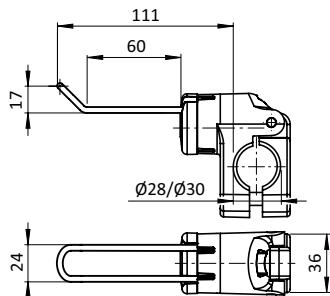


Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	185.0	<a href="#">6TH2D283A3040ESDS01</a>

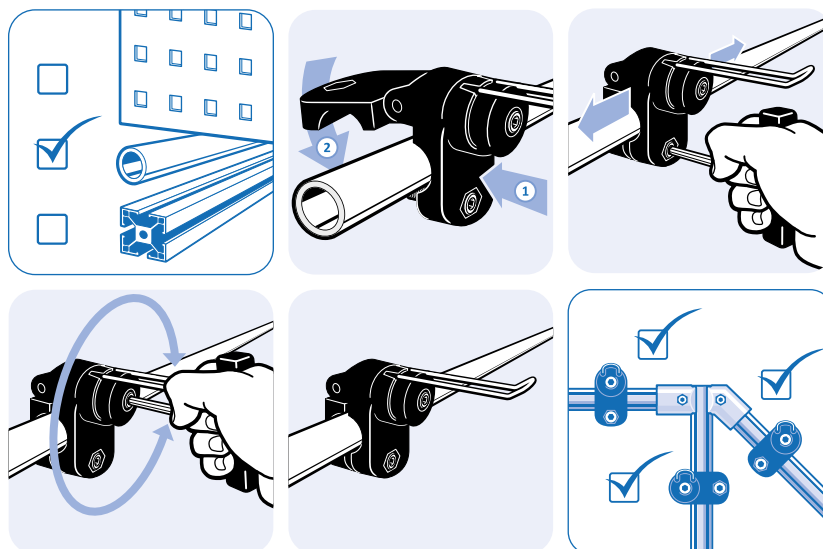


**TOOL HOOK FX 59/19 - 24 FOR TUBES D28 / D30**

<b>MODEL</b>	pre-assembled, profile 40 and up
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for tubes or tubular frame profiles To organize work stations
<b>MATERIAL</b>	Holder standard version: Plastic PA, glass ball reinforced Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel Centering piece: Plastic PA, glass fibre reinforced
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request



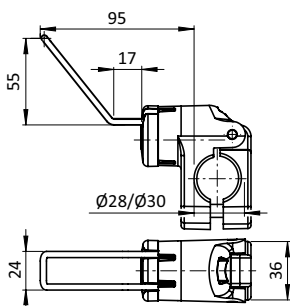
Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	190.0	<a href="#">6TH2D283A8020ESDS01</a>



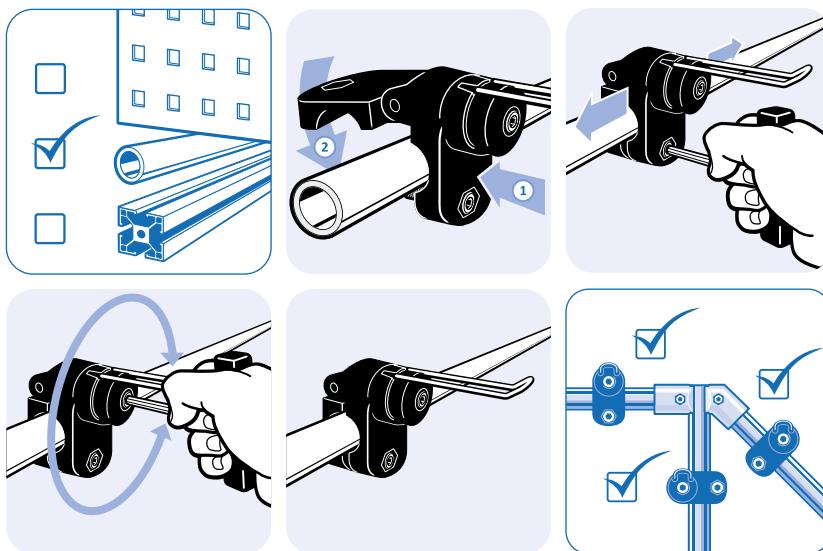


**TOOL HOOK FX 17/57 - 24 FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for tubes or tubular frame profiles To organize work stations
<b>MATERIAL</b>	Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

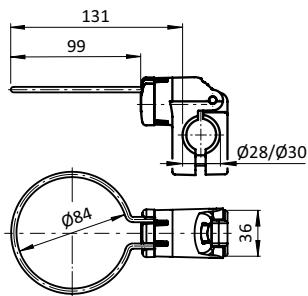


Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	191.1	<a href="#">6TH2D283A4060ESDS01</a>

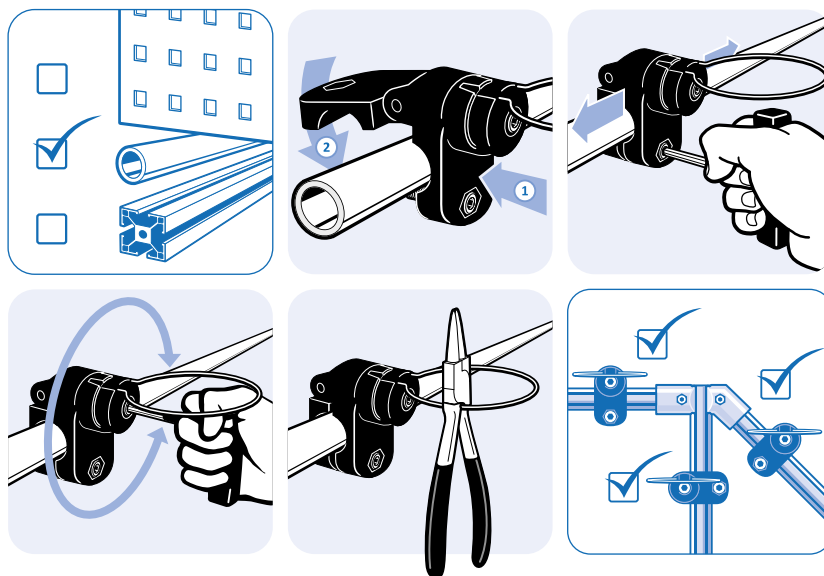


**TOOL HOLDER FX D80 FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool holder ring with 80 mm diameter, 360° turnable, for tubes or tubular frame profiles; To organize workstations
<b>MATERIAL</b>	Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

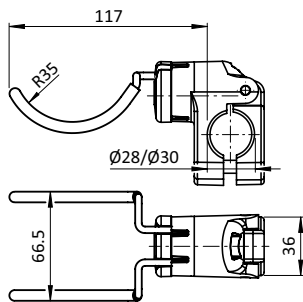


Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	99.3	<b>6TH2D283D80ESDS01</b>

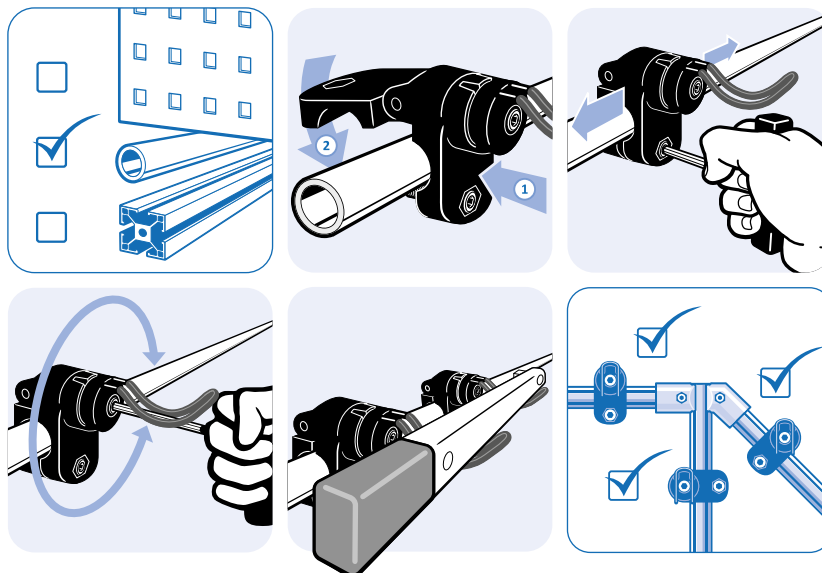


**TOOL DOUBLE HOOK FX R35 - 67, RUBBERIZED FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use double tool hook, 360° turnable, for tubes and tubular frame profiles; Rubber coated wire to prevent tools from slipping; To organize workstations
<b>MATERIAL</b>	Holder: Plastic PA, glass ball reinforced Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Wire: PVC coated Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Wire: Black coated
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

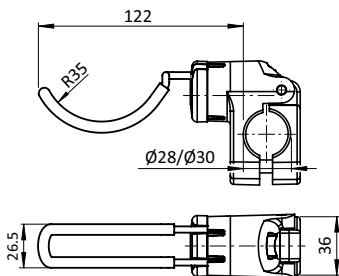


Color	Weight [g]	Part #
Black	226.0	6TH2D283R3091S01

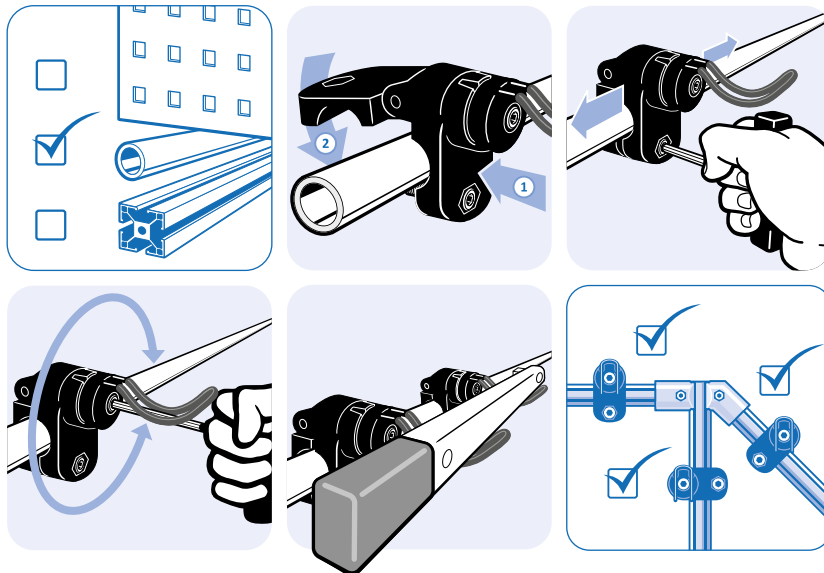


**TOOL HOOK FX R35 - 27, RUBBERIZED FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool hook, 360° turnable, for tubes or tubular frame profiles; Rubber coated wire to prevent tools from slipping; To organize workstations
<b>MATERIAL</b>	Holder: Plastic PA, glass ball reinforced Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Wire: PVC coated Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Wire: Black coated
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

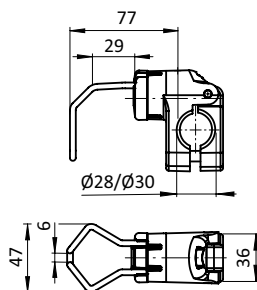


Color	Weight [g]	Part #
Black	230.0	<b>6TH2D283R4091S01</b>

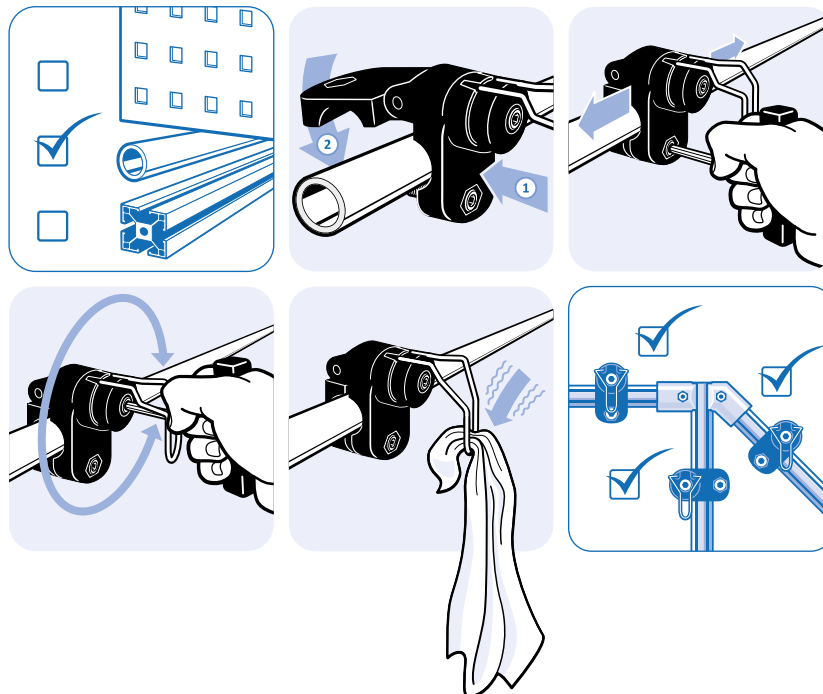


**CLOTH CLIP FX FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use cloth clip, 360° turnable, for tubes or tubular frame profiles; To organize workstations
<b>MATERIAL</b>	Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

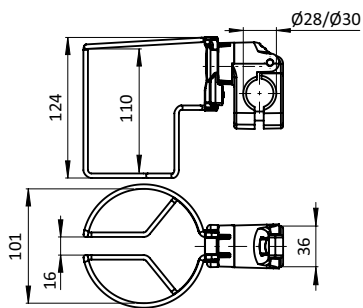


Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	192.0	<b>6TH2D283G5050ESDS01</b>

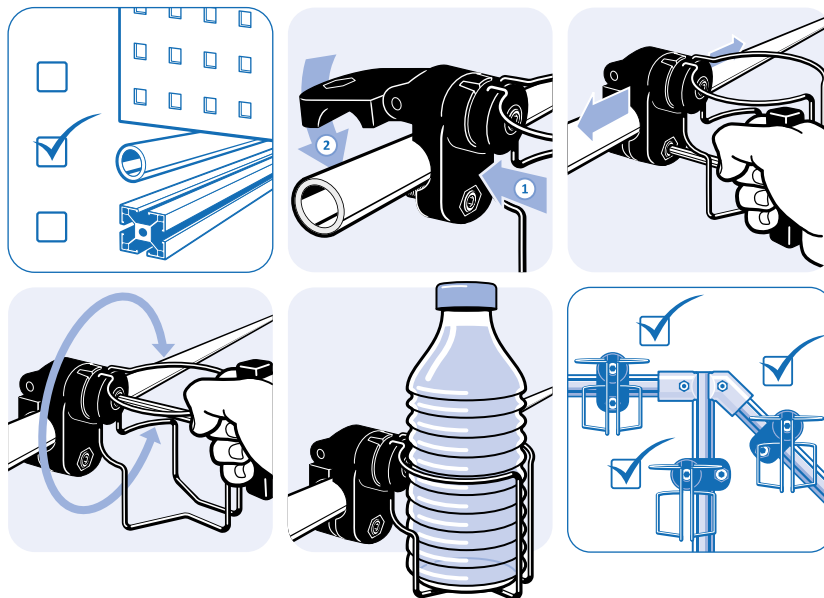


**BOTTLE HOLDER FX FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use bottle holder, 360° turnable, for tubes or tubular frame profiles; To organize workstations
<b>MATERIAL</b>	Holder: Plastic PA, glass ball reinforced Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

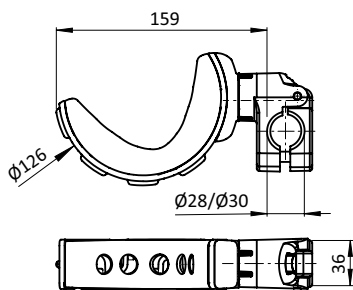


Color	Weight [g]	Part #
Black	283.4	<b>6TM8D283D100S01</b>

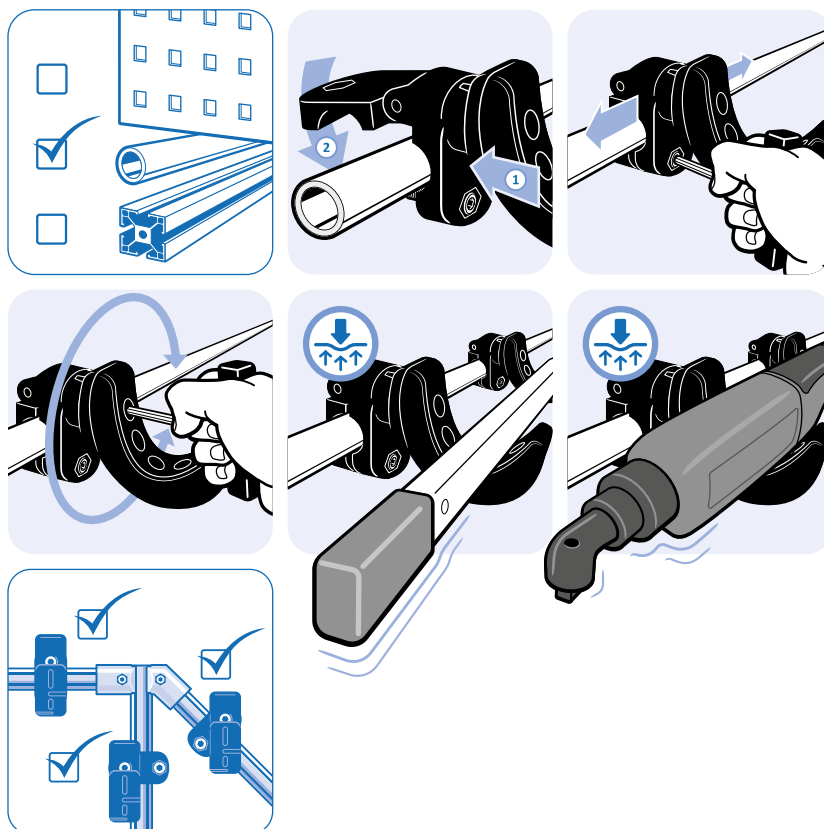


**TOOL TRAY PARABOL FX FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool tray, 360° turnable, tilt-adjustable in 5 ways, for tubes or tubular frame profiles; Suitable for heavy tools or nutrunners; tool friendly surface; To organize workstations
<b>MATERIAL</b>	Tool tray ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Tray inserts standard version: Plastic TPE, ≈ 70 Shore A Tray inlay ESD electrostatical discharging version: Plastic TPE, ≈ 80 Shore A, with carbon Spring: Spring steel SS313 Washer: Steel Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

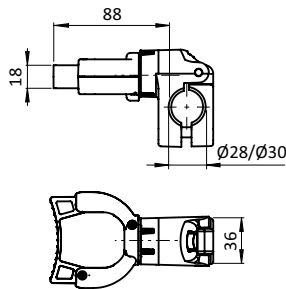


Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	315.2	<a href="#">6TM8D283V12591ESDS01</a>

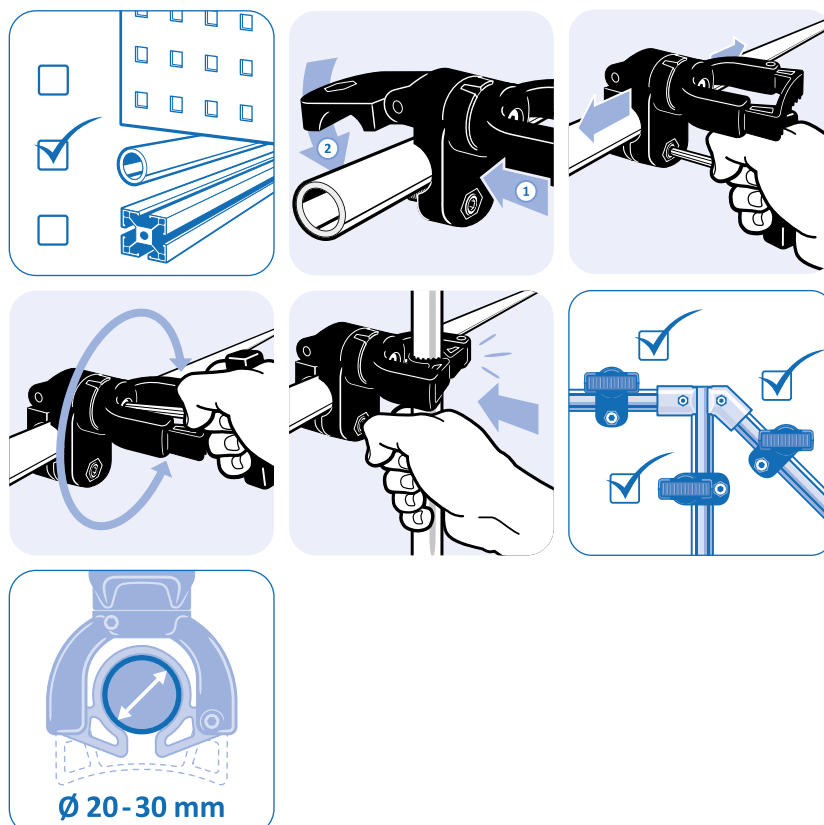


**BROOM HOLDER FLEX FX 20 - 30 FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use broom holder to hang up tools with $\varnothing$ 20 up to 30 mm diameter, 360° turnable, for tubes or tubular frame profiles; To organize workstations
<b>MATERIAL</b>	Broom holder: Plastic PA, glass ball reinforced Retaining strap FLEX: Plastic TPE Bushings: Steel Screws for retaining strap: Steel Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table Retaining strap: Black
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request



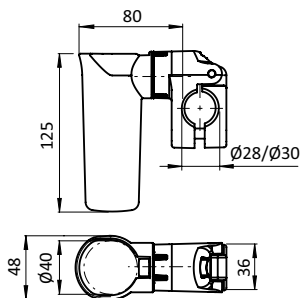
Color	Weight [g]	Part #
Black	210.2	<a href="#">6TM8D283X2030S01</a>



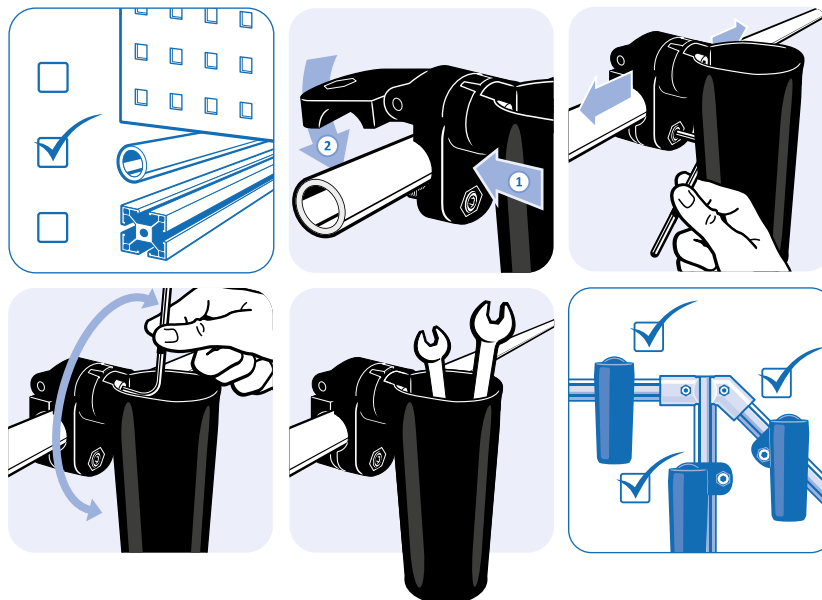


**TOOL QUIVER FX D50 FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool quiver, outer diameter $\varnothing$ 50 mm, 360° turnable, for tubes or tubular frame profiles; To organize workstations
<b>MATERIAL</b>	Holder ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Quiver ESD electrostatical discharging version: Plastic PA, carbon fibre reinforced Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

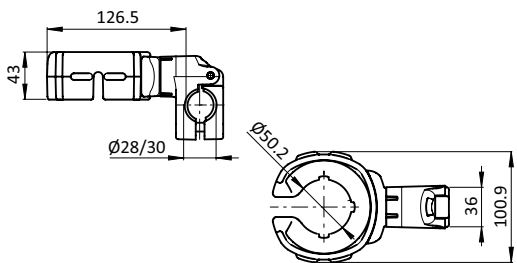


Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	239.0	<a href="#">6TD283Q5040ESDS01</a>

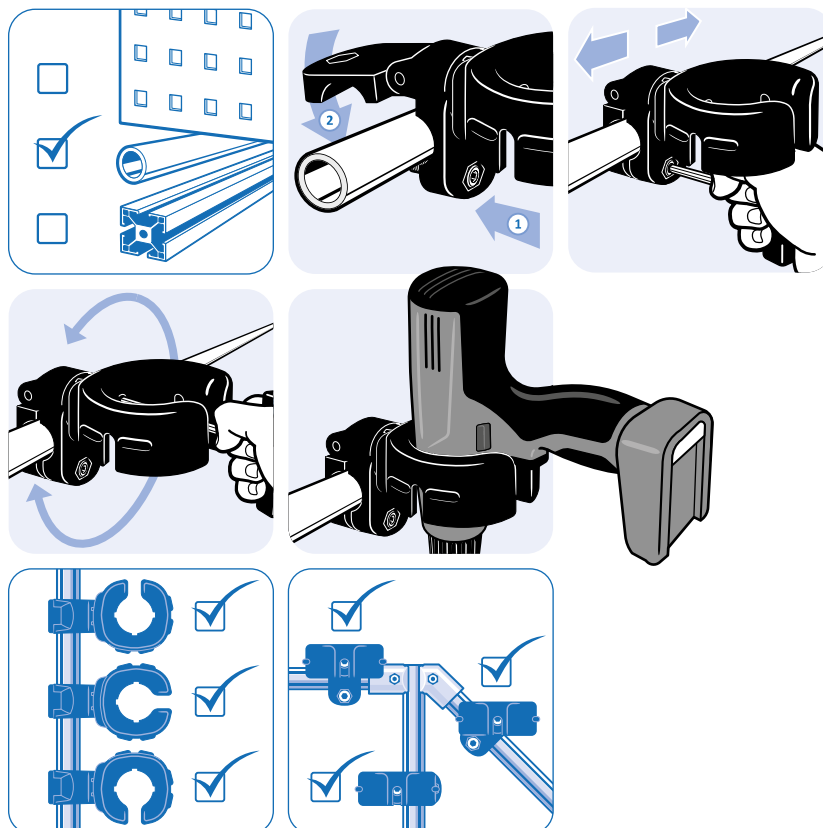


**DRILL / DRIVER HOLDER FX D50 FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool Drill / Driver Holder for a wide range of standard cordless screwdrivers, 360° turnable, for aluminum profiles; To organize workstations
<b>MATERIAL</b>	Holder: Plastic PA, glass ball reinforced Spring: Spring steel S5313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

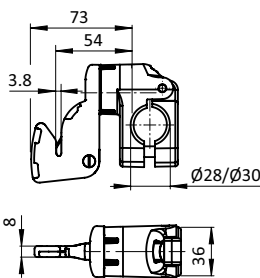


	Color	Weight [g]	Part #
	Black	254.1	6TM8D283L12591S01
	Gray ≈ RAL 7042	254.1	6TM8D283L12574S01

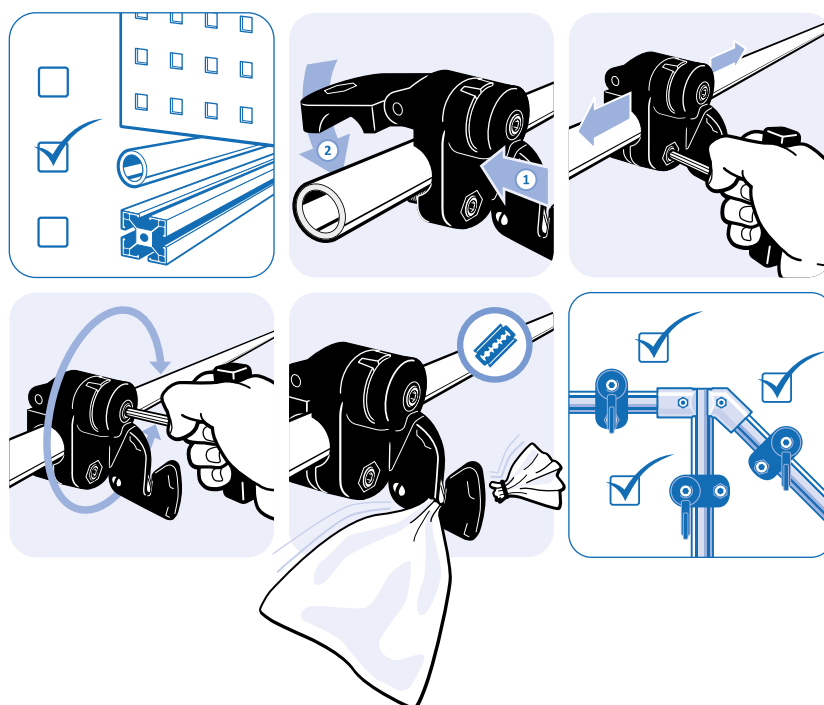


**BAG CUTTER FX FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use bag cutter, changeable blade, 360° turnable, forfor tubes or tubular frame profiles and perforated metal To organize work stations
<b>MATERIAL</b>	Bag cutter ESD electrostatical discharging version: Plastic PA, glass ball reinforced with carbon Trapezoidal blade: Carbon steel Spring: Spring steel SS313 Countersunk screw: Brass Sleeve nut: Brass Screw: Steel Nut: Steel
<b>SURFACE</b>	Counter sunk screw: Nickel plated Sleeve nut: Nickel plated Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request
<b>TIP</b>	Compatible Trapezoidal Blade for Bag Cutter FX see 061TF91S01

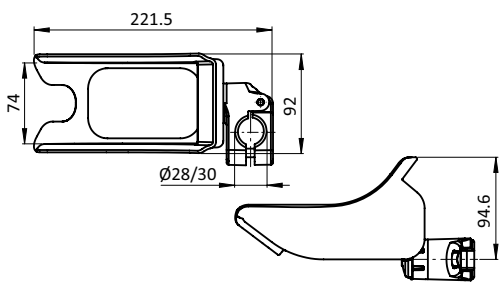


Color	ESD	Weight [g]	Part #
Black	ESD electrostatical discharging	200.8	<a href="#">6TM8D283F91ESDS01</a>

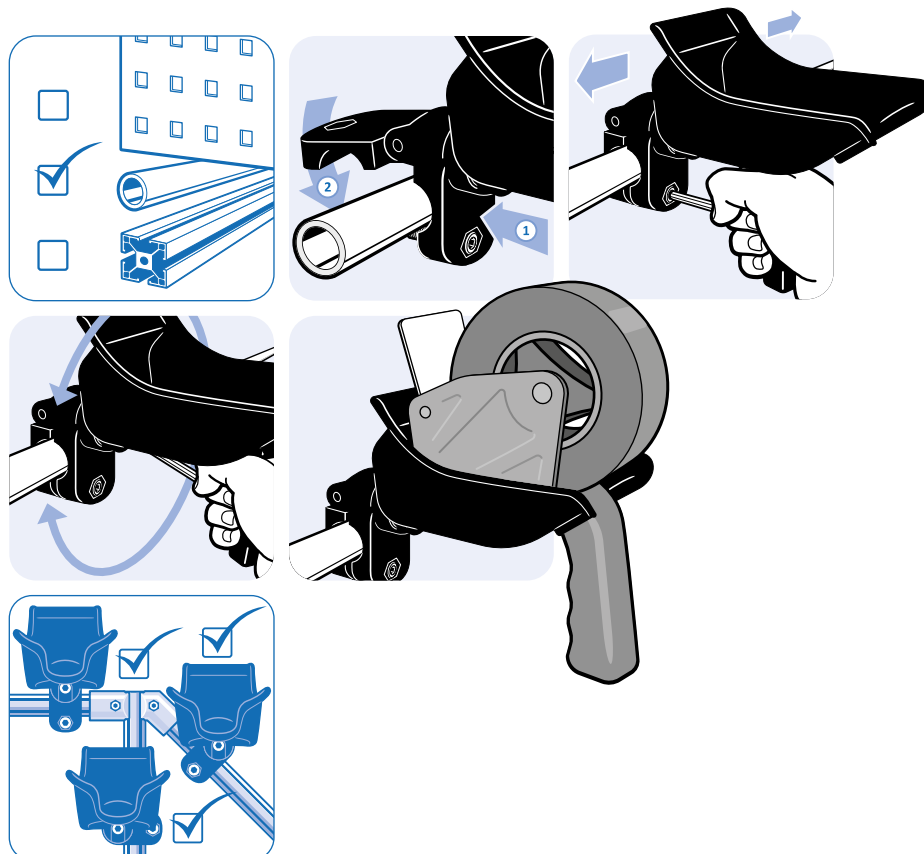


**PACKING TAPE HAND DISPENSER HOLDER FX FOR TUBES D28 / D30**

<b>MODEL</b>	Pre-assembled
<b>DESCRIPTION</b>	Ready to use tool Holder for Packing Tape Hand Dispenser, 360° turnable, for aluminum profiles; To organize workstations
<b>MATERIAL</b>	Holder: Plastic PA, glass ball reinforced Wire: Stainless steel SS304 Spring: Spring steel SS313 Screw: Steel Nut: Steel
<b>SURFACE</b>	Screw: Zinc plated Nut: Zinc plated
<b>COLOR</b>	Holder: See table
<b>PACK QUANTITY</b>	1 piece
<b>SPECIALS</b>	Other colors on request

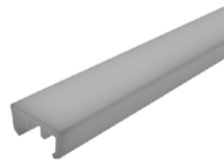
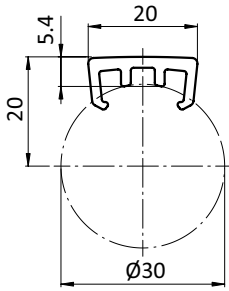


	Color	Weight [g]	Part #
	Black	250.8	6TD283PT91
	Gray ≈ RAL 7042	250.8	6TD283PT74



**SLIDE RAIL D30**

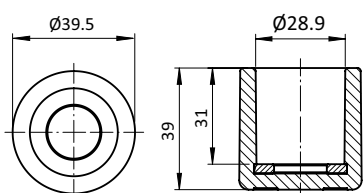
<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To build simple slipways by clipping on a tubular frame profile with Ø 30 mm outer diameter; also applicable as support strip for the mouting of panels with vario block AL D30
<b>MATERIAL</b>	Plastic HDPE
<b>COLOR</b>	Gray
<b>PACK QUANTITY</b>	20 meters (10 pieces at 2 m)
<b>TIP</b>	Please note: You are ordering in meters!



Color	ESD	Weight [g]	Profile	Part #
Gray ≈ RAL 7042	ESD electrostatical discharging	150.0	I	<a href="#">092341</a>

**PROTECTION CAP D30**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To prevent damages, scratches or injuries by the end of tubular frame profiles with Ø 30 mm outer diameter; End-position damping in Karakuri/LCA applications; Prevents movement of tubular frame profiles on slippery surfaces and absorbs some vibration; Punch through safe due to added steel inlay, elastic and surrounding design
<b>MATERIAL</b>	Protection cap: Plastic TPE Inlay: Steel
<b>SURFACE</b>	Inlay: Zinc plated
<b>COLOR</b>	Gray ≈ RAL 7042
<b>PACK QUANTITY</b>	10 pieces
<b>SPECIALS</b>	Other colors, other sizes on request



	Weight [g]	Profile	Part #
	37.1	I	099RV30CC03

**COVER CAP FOR TUBULAR FRAME CONNECTORS D30**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To cover the screw hole of connectors for tubular frame profiles with $\varnothing$ 30 mm outer diameter
<b>MATERIAL</b>	Plastic PA, glass fiber reinforced
<b>COLOR</b>	Gray $\approx$ RAL 7042
<b>PACK QUANTITY</b>	100 pieces

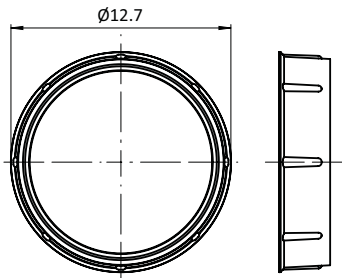
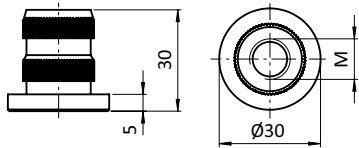


Fig.	Weight [g]	Profile	Part #
①	0.22	I	<a href="#">099RV30CC06</a>
②	0.17	I	<a href="#">099RV30CC07</a>

**THREADED SLEEVE AL D30**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To fix leveling feet or casters to the front of tubular frame profiles with Ø 30 mm outer diameter
<b>MATERIAL</b>	Aluminum
<b>PACK QUANTITY</b>	10 pieces

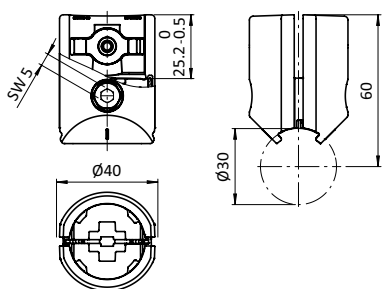


	ESD	M	Weight [g]	Profile	Part #
ESD electrostatical discharging		M6	29.0	I	<a href="#">098VR300006</a>
		M8	28.0	I	<a href="#">098VR300008</a>
		M10	26.0	I	<a href="#">098VR300010</a>



**OUTER T-CONNECTOR D30 (SET)**

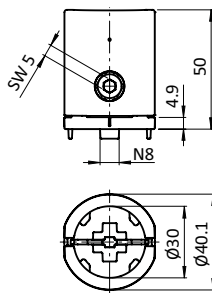
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 30 mm outer diameter at right angles
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>SET</b>	2 components for outer T-connector D30, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 28, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Cover Cap for Tubular Frame Connectors D30 see 099RV30CC06



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	56.0	<a href="#">099RV3090LS01</a>

**OUTER T-CONNECTOR D30 - SLOT 8 (SET)**

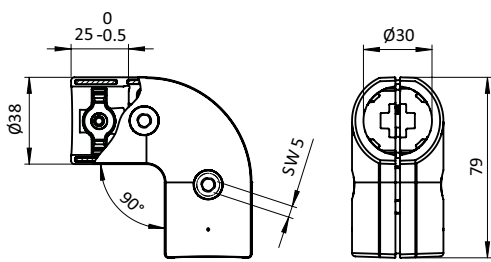
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect a tubular frame profile with $\varnothing$ 30 mm outer diameter with a slot 8 aluminum profile
<b>MATERIAL</b>	Connector: Aluminum die-cast Adapter plate: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>SET</b>	2 components for outer T-connector D30 - slot 8 1 adapter plate 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 28 1 self locking nut ISO10511 - M6
<b>FASTENING</b>	On profile I - slot 8 - using screw ISO 7380 - M6 x 14
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Cover Cap for Tubular Frame Connectors D30 see 099RV30CC06



ESD	Weight [g]	Profile	Part #
ESD electrostatical discharging	109.0	I	<a href="#">099RV3090LS02</a>

**CORNER CONNECTOR 2D30 (SET)**

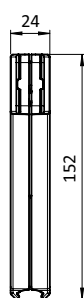
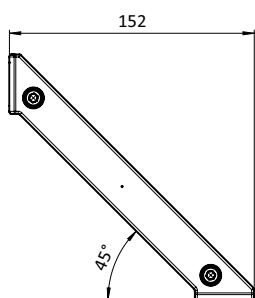
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 30 mm outer diameter at right angles; with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>SET</b>	2 components for corner connector 2D30, 2 screw DIN EN ISO 4762 (DIN 912) - M6 x 25, 2 self-locking nuts ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Cover Cap for Tubular Frame Profile Connector D30 see 099RV30CC06



ESD	Weight [g]	Part #
ESD electrostatical discharging	218.0	<b>099RV30ES01</b>

**ANGLE CONNECTOR 2D30 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with Ø 30 mm outer diameter at right angle; Completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>SET</b>	2 components for angle connector 2D30, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 14, 2 self-locking nuts ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Cover Cap for Tubular Frame Connectors D30 see 099RV30CC07



ESD	Weight [g]	Profile	Part #
ESD electrostatical discharging	201.8	I	<a href="#">099RV3090QS01</a>

**T-CONNECTOR PLATE D30 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect a tubular frame profile with $\varnothing$ 30 mm outer diameter with an aluminum profile at right angles; Screw connection to the core hole M6 of the tubular frame profile $\varnothing$ 30 mm or to the threaded sleeve AL D30 M6 for tubular frame profiles
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET 1</b>	1 T-connector plate, 2 T-slot nuts - slot 6 - M6, 2 screws DIN 7991 - M6 x 12, 1 screw DIN 7991 - M6 x 20
<b>SET 2</b>	1 T-connector plate, 1 double T-slot nut - slot 8 - 2x M6, 2 screws DIN 7991 - M6 x 14, 1 screw DIN 7991 - M6 x 20
<b>PACK QUANTITY</b>	10 sets

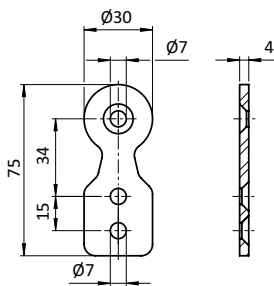
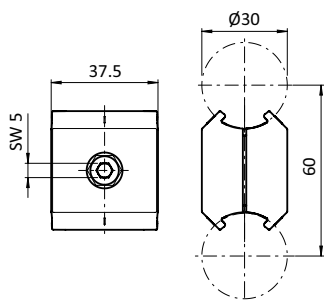


Fig.	Set	Slot	Weight [g]	Profile	Part #
①	Set 1	6	69.0	I	<a href="#">093VAD30VS01</a>
②	Set 2	8	71.0	I	<a href="#">093VAD30V</a>

**PARALLEL CONNECTOR D30 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To parallelly connect two tubular frame profiles with $\varnothing$ 30 mm outer diameter; with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>SET</b>	2 components for parallel connector D30, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 20, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Cover Caps for Tubular Frame Connectors D30 see 099RV30CC07

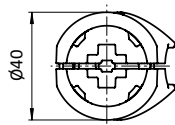
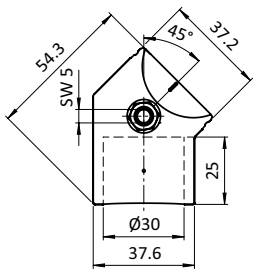


ESD	Weight [g]	Part #
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ESD electrostatical discharging	76.0	<b>099RV30PS02</b>
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**ANGLE CONNECTOR D30, 45° (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 30 mm outer diameter at 45°; with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>SET</b>	2 components for angle connector D30, 45°, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 28, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Cover Cap for Tubular Frame Connectors D30 see 099RV30CC06

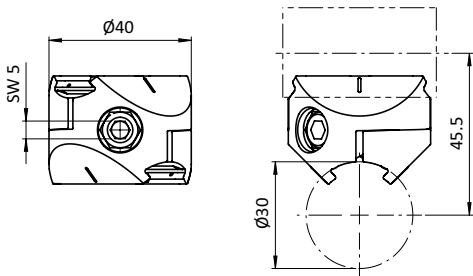


**ESD Weight [g] Part #**

ESD electrostatical discharging 102.0 **099RV3045S01**

**CROSS CONNECTOR D30 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To cross connect two tubular frame profiles with $\varnothing$ 30 mm outer diameter; Completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>SET</b>	2 components for cross connector D30, 1 screw DIN EN ISO 4762 (DIN 912) - M6 x 30, 1 self-locking nut ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Cover Cap for Tubular Frame Connectors D30 see 099RV30CC06



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	65.3	<b>099RV30XS01</b>



**CROSS BALL CONNECTOR D30 (SET)**

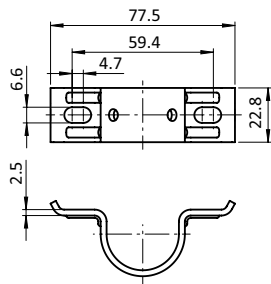
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To cross connect two tubular frame profiles with $\varnothing$ 30 mm outer diameter at variable angles, with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>SET</b>	4 cross ball connector D30, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 28, 2 self-locking nuts ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Cover Cap for Tubular Frame Connectors D30 see 099RV30CC06



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	220.0	<b>099RV30KS04</b>

**MOUNTING BRACKET D30 (SET)**

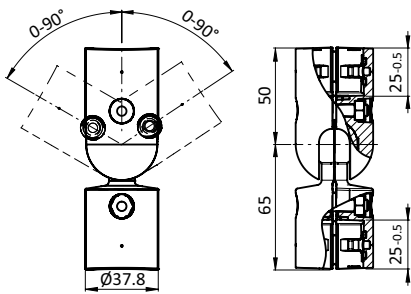
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To support an roller track AL or a aluminum profile slot 8 on a crossing tubular frame profile with Ø 30 mm outer diameter
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET</b>	1 mounting bracket, 2 T-slot nuts - slot 8 - M6, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 16
<b>PACK QUANTITY</b>	20 set



Weight [g]	Pro- file	Part #
66.3		<b>099RV30HS01</b>

**OUTER BALL BUTT CONNECTOR D30 (SET)**

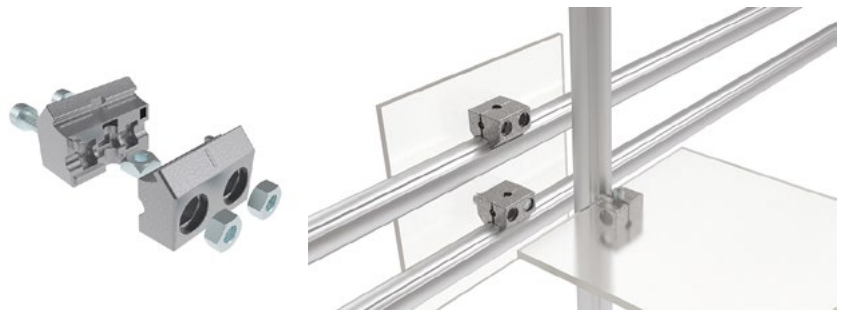
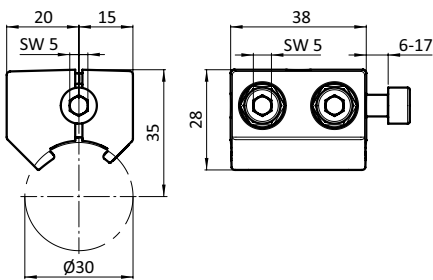
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To connect two tubular frame profiles with $\varnothing$ 30 mm outer diameter at variable angles, with pre-centering; completely pre-assembled set
<b>MATERIAL</b>	Connector: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>SET</b>	4 components for outer ball butt connector D30, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 30, 2 self-locking nuts ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Compatible Cover Cap for Tubular Frame Connectors D30 see 099RV30CC06



	ESD	Weight [g]	Part #
	ESD electrostatical discharging	219.0	<b>099RV30KS03</b>

**VARIO BLOCK AL D30**

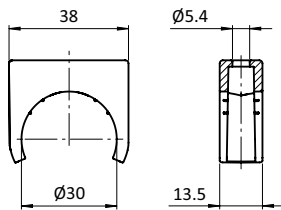
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To attach panels firmly to tubular frame profiles with Ø 30 mm outer diameter; ESD electrostatical discharging
<b>MATERIAL</b>	Vario block AL: Aluminum die-cast Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>SET</b>	1 vario block AL - 2-part, 2 screws DIN EN ISO 4762 (DIN 912) - M6 x 20, 1 square nut DIN 557 - M6 2 self-locking nuts ISO 10511 - M6
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request
<b>TIP</b>	Compatible Cover Cap for Tubular Frame Connectors D30 see 099RV30CC07



Weight [g]	Profile	Part #
79.2	I	<b>094AD30</b>

**PANEL CLIP D30**

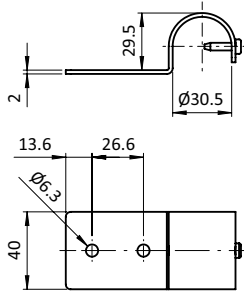
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To temporarily attach panels to tubes or tubular frame profiles with $\varnothing$ 30 mm outer diameter; For screwing the surface element a hexagon nut M5 can be inserted in the panel clip D30
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Gray $\approx$ RAL 7042
<b>PACK QUANTITY</b>	10 pieces
<b>TIP</b>	Compatible Hexagon Nuts see 4DIN934M5M



Weight [g]	Profile	Part #
8.0	I	<a href="#">099RV30180S</a>

**TOP SUSPENSION D30 (SET)**

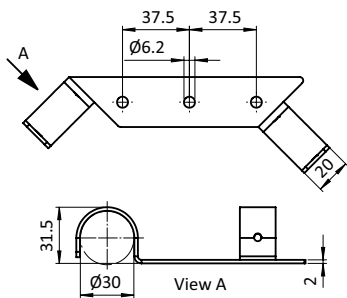
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To mount table tops or shelf boards within a frame of tubular frame profiles with $\varnothing 30$ mm outer diameter
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>SET</b>	1 top suspension D30 1 self-drilling screws DIN 7504 Form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 sets



Weight [g]	Profile	Part #
80.0	I	<a href="#">099RV30TW</a>

**TOP CORNER SUSPENSION D30 (SET)**

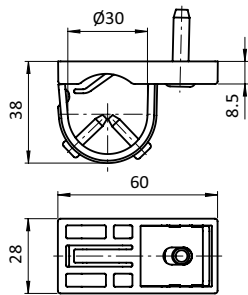
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	For putting in plates, shelf boards or work piece carriers horizontally on tubular frame profiles with $\varnothing$ 30 mm outer diameter; With holes to screw on tubular frame profile and plate
<b>MATERIAL</b>	Top corner suspension: Steel Screws: Steel
<b>SURFACE</b>	Top corner suspension: Zinc plated; Screws: Zinc plated
<b>SET</b>	1 top corner suspension 2 self-drilling screws DIN 7504 form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 sets
<b>TIP</b>	Please note for cutting table tops to size: Tubular Frame Connectors D30 require a 5 mm gap all the way around



Weight [g]	Profile	Part #
94.0	I	<a href="#">099RV3090QS02</a>

**TOP CLAMP D30 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To mount wooden table tops or chipboards on a frame of tubular frame profiles with $\varnothing$ 30 mm outer diameter
<b>MATERIAL</b>	Clamp: Steel Spacer: Plastic PA, glass fiber reinforced Screws: Steel
<b>SURFACE</b>	Clamp: Zinc plated Screws: Zinc plated
<b>COLOR</b>	Spacer: Gray $\approx$ RAL 7042
<b>SET</b>	1 clamp 1 spacer 1 wood screw 6 x 25 2 self-drilling screws DIN 7504 form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 sets

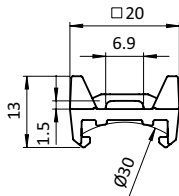


Weight [g]	Profile	Part #
91.0	I	<a href="#">099RV30H</a>



**CROSS CABLE BINDER BLOCK D30**

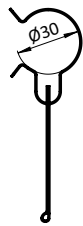
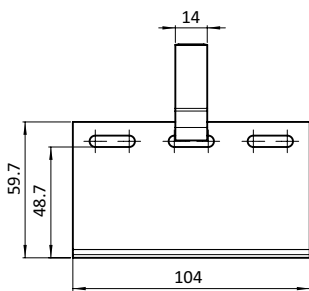
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To fix cables along and across aluminum profiles; can be clipped on the tubular frame profile
<b>MATERIAL</b>	Plastic PP
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	100 pieces



	Weight [g]	Profile	Part #
	1.3	I	<a href="#">093292</a>

**LABEL HOLDER D30 (SET)**

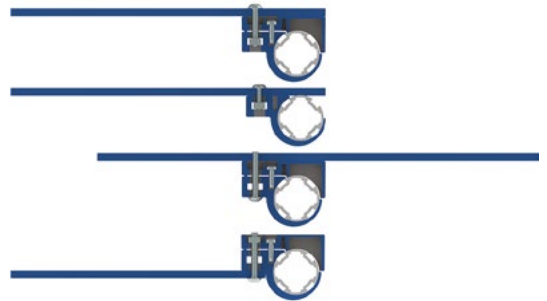
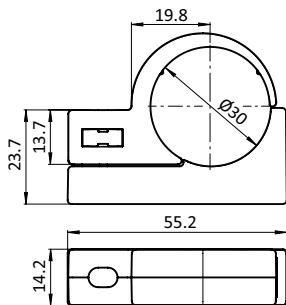
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	For labelling on tubular frame profiles with $\varnothing$ 30 mm outer diameter; For labels with 42 mm height and 100 mm width
<b>MATERIAL</b>	Label holder: Plastic PET Clip: Steel
<b>SURFACE</b>	Clip: Zinc plated
<b>COLOR</b>	Label holder: Transparent
<b>SET</b>	1 label holder 1 clip
<b>PACK QUANTITY</b>	10 sets



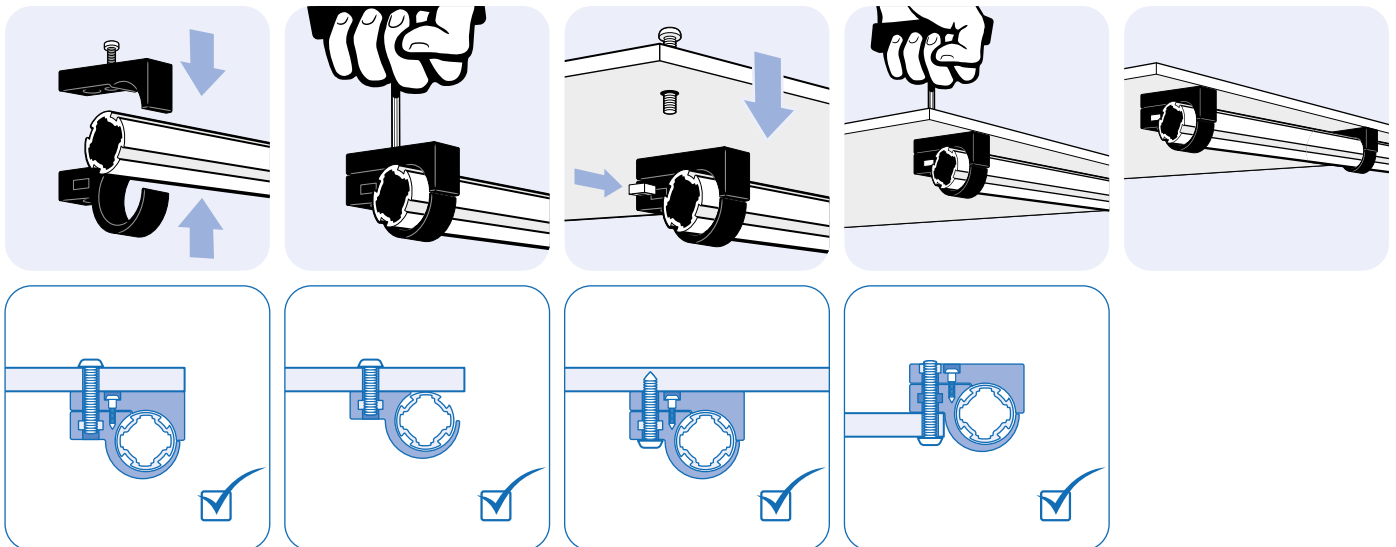
Weight [g]	Profile	Part #
19.0	I	<a href="#">093LCT60D30.102</a>

**MOUNTING CLAMP D30 (SET)**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	To attach panels universally to tubes and tubular frame profiles with $\varnothing$ 30 mm outer diameter; including spacer to position panels over outer tubular frame connectors D30
<b>MATERIAL</b>	Mounting clamp: Plastic PA Spacer: Plastic PA Assembly set: Steel
<b>SURFACE</b>	Assembly set: Zinc plated
<b>COLOR</b>	Mounting clamp: Gray Spacer: Gray
<b>SET</b>	1 mounting clamp 1 spacer 1 square nut DIN 557 - M5 1 self-tapping screw SF4 x 12
<b>PACK QUANTITY</b>	10 sets

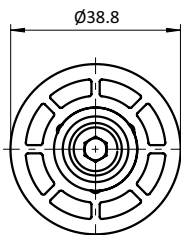
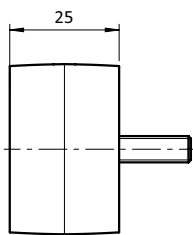


Weight [g]	Profile	Part #
17.2	I	093PD30NS01

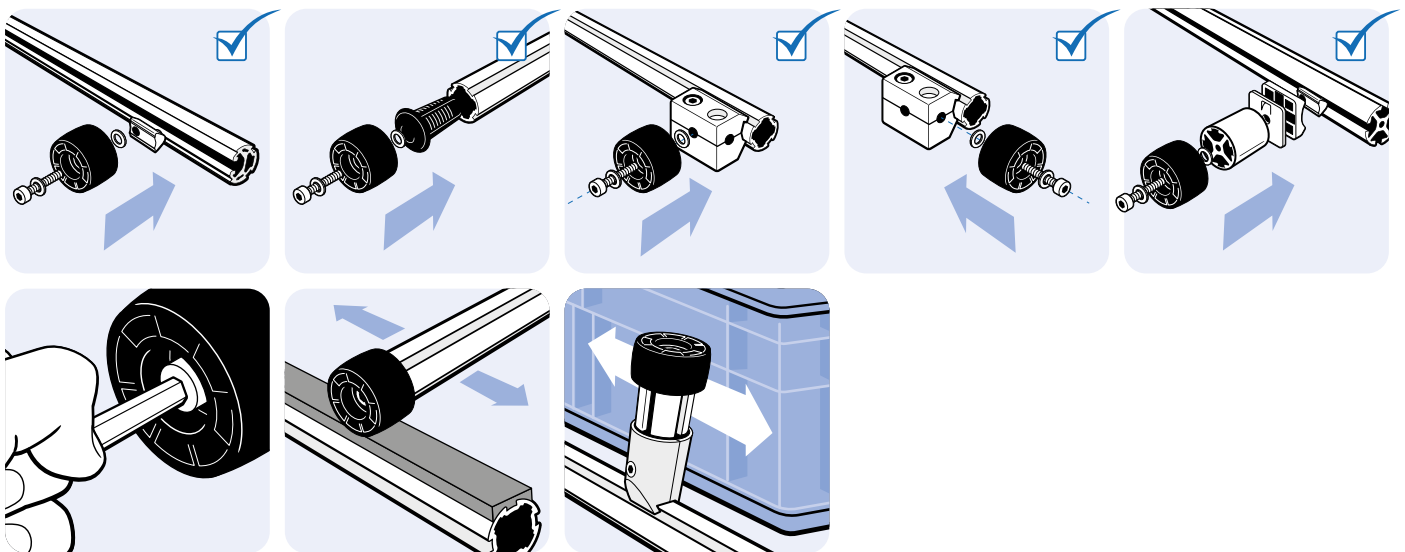


**ROLLER Ø 39.5 (SET)**

<b>MODEL</b>	Plastic PA
<b>DESCRIPTION</b>	To guide moving parts on a slide rail attached to the aluminum profile or as lateral guide for moved goods ; With ball bearing
<b>MATERIAL</b>	Plastic PA, glass ball reinforced
<b>COLOR</b>	Black
<b>SET</b>	1 Roller 1 screw DIN EN ISO 4762 (DIN 912) M6 x 35, zinc plated steel 2 washers DIN EN ISO 7089 (DIN 125) - 6.4
<b>PACK QUANTITY</b>	10 sets

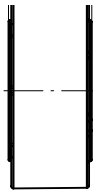
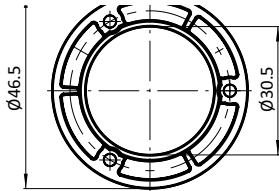


Weight [g]	Profile	Part #
40.0	I	093817



**ROLLER Ø 46.5**

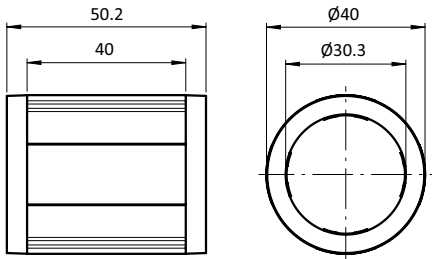
<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	For lateral guiding or supporting at the transition from roller tracks
<b>MATERIAL</b>	Plastic PA, carbon fiber reinforced
<b>COLOR</b>	Black
<b>PACK QUANTITY</b>	10 pieces



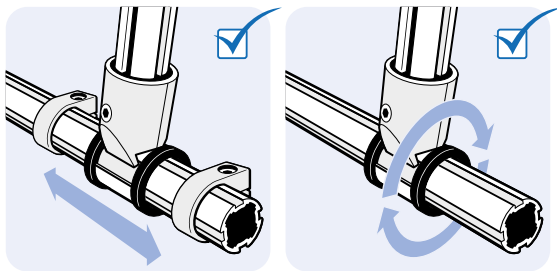
	ESD	Weight [g]	Profile	Part #
	ESD electrostatical discharging	13.0	I	<a href="#">062AUR46D30ESD</a>

**SLIDE BEARING D40/D30**

<b>MODEL</b>	For tubular frame profiles
<b>DESCRIPTION</b>	For low-friction movement on tubular frame profiles, allows radial and linear movement
<b>MATERIAL</b>	Plastic POM
<b>PACK QUANTITY</b>	1 piece



ESD	Weight [g]	Profile	Part #
ESD electrostatical discharging	36.0	I	<b>093S30S02</b>



**HOLDING BRACKET XST D30**

<b>MODEL</b>	For roller tracks XST
<b>DESCRIPTION</b>	To mount roller tracks XST and guiding rails XST central to tubular frame profiles with Ø 30 mm outer diameter, preventing inserts from slipping out
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET</b>	6 self-drilling screws DIN 7504 Form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request

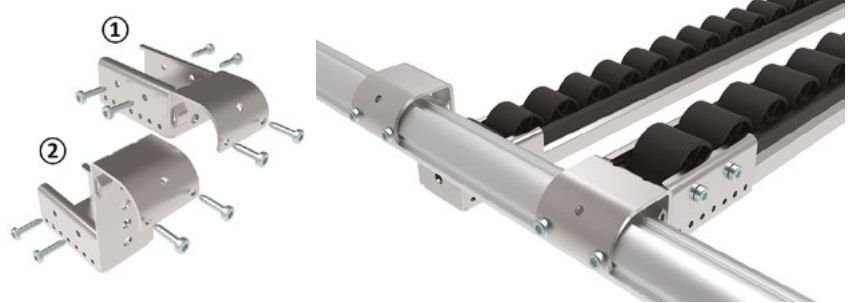
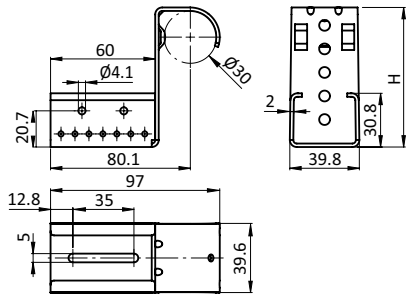


Fig.	Version	H [mm]	Weight [g]	Part #
①	Without end stop	30.8	161.0	<a href="#">062MHD30MS01</a>
②	With end stop	65.5	171.0	<a href="#">062MHSD30MS03</a>
②	With end stop	80.0	173.0	<a href="#">062MHSD30MS01</a>

**HOLDING BRACKET AL D30**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	To mount AL roller track profiles to tubular frame profiles with Ø 30 mm outer diameter, preventing inserts from slipping out
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET</b>	1 self-drilling screw DIN 7504 Form N - 3.9 x 16 1 washer DIN EN ISO 7089 (DIN 125) 1 T-slot nut slot 8 - M5 1 screw DIN EN ISO 4762 (DIN 912) - M5 x 14
<b>PACK QUANTITY</b>	10 pieces

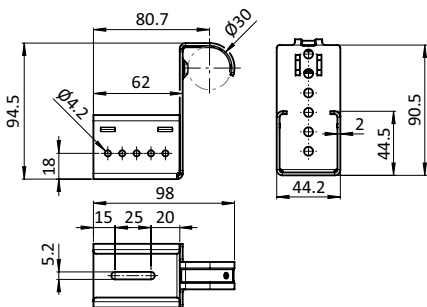
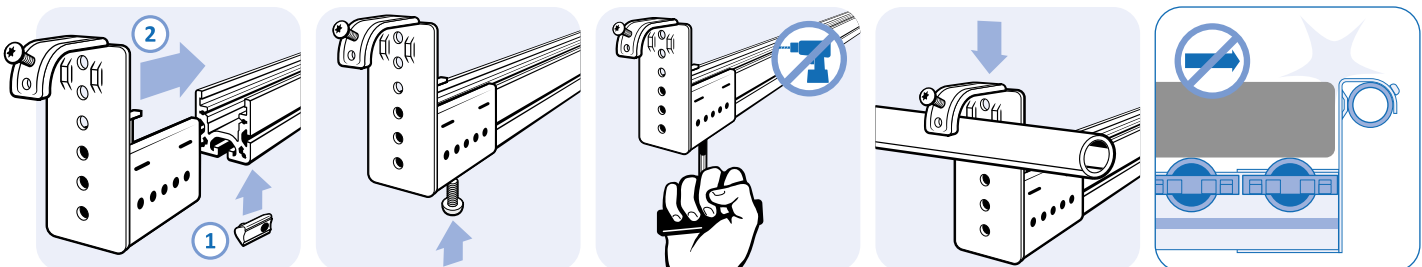


Fig.	Version	Weight [g]	Part #
①	With end stop	194.0	<b>062AHSD30M</b>
②	With end stop, with assembly set	211.0	<b>062AHSD30MS01</b>





**VARIABLE HOLDING BRACKET XST D30**

<b>MODEL</b>	For roller tracks XST
<b>DESCRIPTION</b>	Transition between roller track profiles with varying inclination, to mount roller track profiles XST and guiding rails XST central at different angles to tubular frame profiles with Ø 30 mm outer diameter, preventing inserts from slipping out
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>FASTENING</b>	with 5 or 6 self-drilling screws DIN 7504 Form N - 3.9 x 16
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request

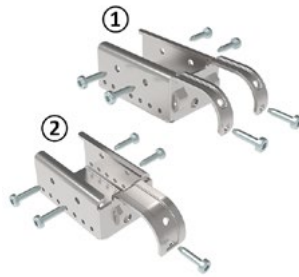
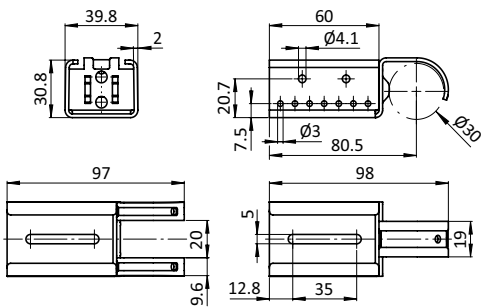


Fig.	Version	Weight [g]	Part #
②	Typ M	145.0	<a href="#">062MYMD30MS01</a>
①	Typ F	150.0	<a href="#">062MYFD30MS01</a>

**VARIABLE HOLDING BRACKET AL D30**

<b>MODEL</b>	For roller tracks AL
<b>DESCRIPTION</b>	Transition between roller track profiles with varying inclination, to mount roller track profiles AL at different angles to tubular frame profiles with Ø 28 mm outer diameter, preventing inserts from slipping out
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET</b>	1 self-drilling screw DIN 7504 Form N - 3.9 x 16 1 washer DIN EN ISO 7089 (DIN 125) 1 T-slot nut slot 8 - M5 1 screw DIN EN ISO 4762 (DIN 912) - M5 x 14
<b>ASSEMBLY SET 2</b>	2 self-drilling screw DIN 7504 Form N - 3.9 x 16 1 washer DIN EN ISO 7089 (DIN 125) 1 T-slot nut slot 8 - M5 1 screw DIN EN ISO 4762 (DIN 912) - M5 x 14
<b>PACK QUANTITY</b>	10 pieces

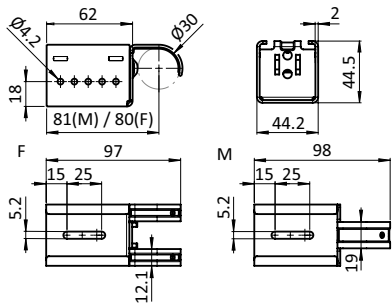
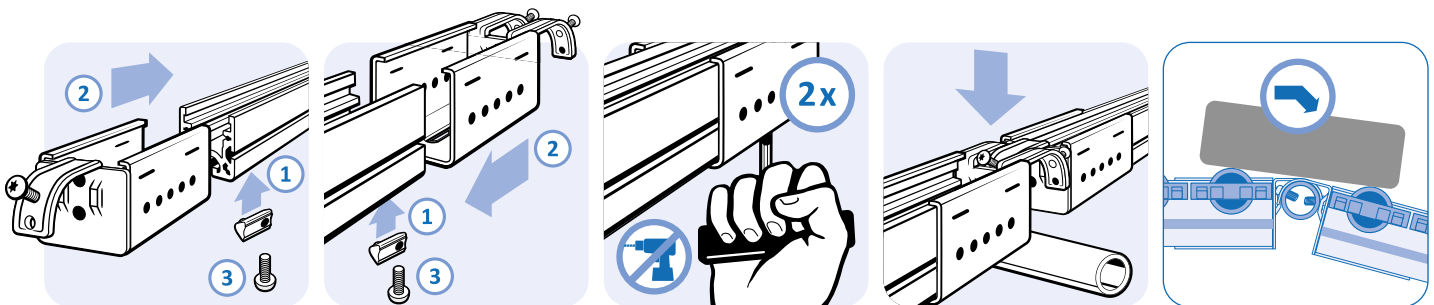
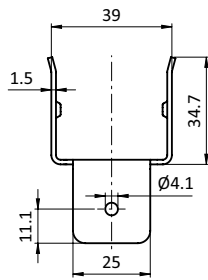
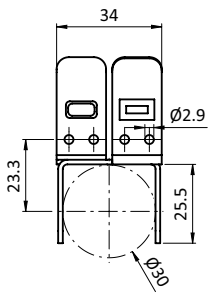


Fig.	Version	Weight [g]	Part #
①	Typ M	161.0	<a href="#">062AYMD30M</a>
②	Typ F	163.0	<a href="#">062AYFD30M</a>
①	Type M with assembly set 1	178.0	<a href="#">062AYMD30MS01</a>
②	Type F with assembly set 2	183.0	<a href="#">062AYFD30MS01</a>



**MOUNTING BRACKET XST D30**

<b>MODEL</b>	For roller tracks XST
<b>DESCRIPTION</b>	To mount and support an roller track XST or a guiding rail XST central on a crossing tubular frame profile with $\varnothing$ 30 mm outer diameter
<b>MATERIAL</b>	Steel
<b>SURFACE</b>	Zinc plated
<b>ASSEMBLY SET</b>	4 self-drilling screws DIN 7504 Form N - 3,9 x 16
<b>PACK QUANTITY</b>	10 sets
<b>SPECIALS</b>	Other surfaces, other colors on request

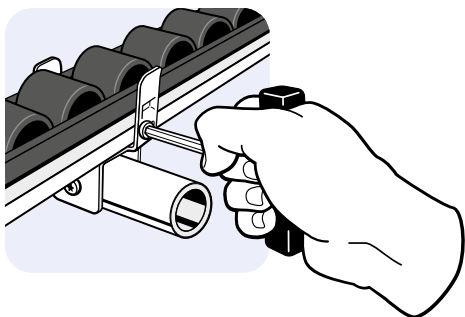
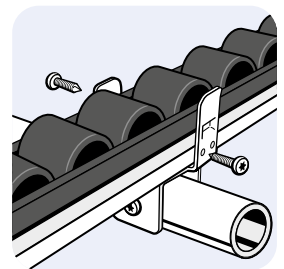
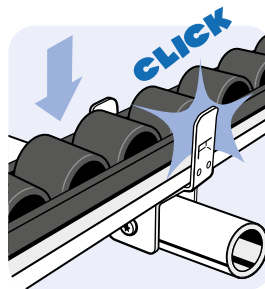
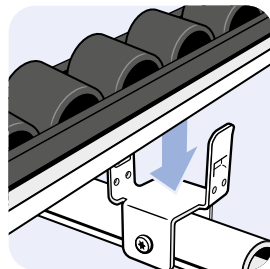
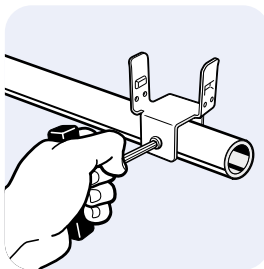
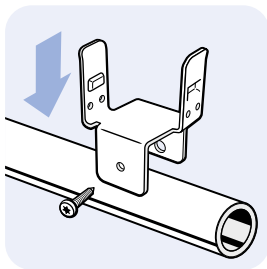


Weight [g]

Part #

46.0

062MMD30MS01



## PART NUMBER INDEX

<b>041</b>		061FGL45LN10	600	061FGZ90LN08	601	062AEH2691ESD.50	857
041LL065K91M0840MS01	591	061FGL80HN08	597	061FGZ90LN10	602	062AEQ.50	859
		061FGL80HN10	598	061KH300N0874.650	717	062AER2811.33	856
<b>051</b>		061FGL80LN08	594	061MA2291NESDS01	753	062AER2811.50	855
051DC551520MM0610	850	061FGL80LN10	596	061MA2291NS01	753	062AER2831.33	856
051DC552020MM0610	850	061FGL90HN08	603	061MA291D	1071	062AER2831.50	855
051DC553030FM08	852	061FGL90HN10	604	061MGC2D291N08	750	062AER2861.33	856
051DKP552420MM0618	851	061FGL90LN08	601	061MGC2D291N10	750	062AER2861.50	855
		061FGL90LN10	602	061MGC2K291H	751	062AER2874.33	856
<b>060</b>		061FGM40LN08	586	061MGC4D291N08	750	062AER2874.50	855
06001HR2000	161	061FGM40LN10	592	061MGC4D291N10	750	062AER2891.33	856
06001HR500E	164	061FGM45LN08	599	061MGT2D374N08	748	062AER2891.50	855
06001HR500EZ4	164	061FGM45LN10	600	061MGT2D391H	749	062AER2891ESD.33	856
		061FGM80HN08	597	061MGT2D391HESD	749	062AER2891ESD.50	855
<b>061</b>		061FGM80HN10	598	061MGT2D391N08	748	062AER28F11.50	855
061AS300N08.1188	754	061FGM80LN08	594	061MGT2D391N08ESD	748	062AER28F31.50	855
061AS300N08.1488	754	061FGM80LN10	596	061MGT2D391N10	748	062AER28F61.50	855
061AS300N08.1788	754	061FGM90HN08	603	061MGT2D391N10ESD	748	062AER28F74.50	855
061AS300N08.788	754	061FGM90HN10	604	061MTC2K291H	752	062AER28F91.50	855
061CC42300.74	755	061FGM90LN08	601	061MTC2K291HESD	752	062AER28F91ESD.50	855
061FA40S01	1054	061FGM90LN10	602	061SAP40H	700	062AER91.50	854
061FAB40LN08	587	061FGN40LN08	586	061SM7510040	697	062AER911.50	858
061FAB4540LN10	593	061FGN40LN10	592	061SM751004045	699	062AER91ESD.50	854
061FAB80LN08	595	061FGN45LN08	599	061SM7510040FS03	698	062AER931.50	858
061FAL40LN08	587	061FGN45LN10	600	061SM7510045FS01	698	062AER961.50	858
061FAL4540LN10	593	061FGN80HN08	597	061TF91S01	747	062AER974.50	858
061FAL80LN08	595	061FGN80HN10	598			062AER991.50	858
061FAM40LN08	587	061FGN80LN08	594	<b>062</b>		062AER991ESD.50	858
061FAM4540LN10	593	061FGN80LN10	596	062ABKESD	870	062AEVMESD.50	872
061FAM80LN08	595	061FGN90HN08	603	062ACD2491ESD.50	871	062AHD28M	1064
061FAN40LN08	587	061FGN90HN10	604	062ACEH2674.10	857	062AHD28MS01	1064
061FAN4540LN10	593	061FGN90LN08	601	062ACEH2674.10	866	062AHS28M	1064
061FAN80LN08	595	061FGN90LN10	602	062ACEH2691.10	857	062AHS28MS01	1064
061FAS40LN08	587	061FGS40LN08	586	062ACEH2691.10	866	062AHS30M	1116
061FAS4540LN10	593	061FGS40LN10	592	062ACEH2691ESD.10	857	062AHS30MS01	1116
061FAS80LN08	595	061FGS45LN08	599	062ACEH2691ESD.10	866	062AMD28M	1068
061FAZ40LN08	587	061FGS45LN10	600	062ACH2674.50	866	062AMD28MS01	1068
061FAZ4540LN10	593	061FGS80HN08	597	062ACH2691.50	866	062APB.6000	848
061FAZ80LN08	595	061FGS80HN10	598	062ACH2691ESD.50	866	062APBESD.6000	848
061FFZ40LN08	589	061FGS80LN08	594	062ACR2874.33	865	062API.6000	848
061FFZ40LN10	590	061FGS80LN10	596	062ACR2874.50	865	062APIESD.6000	848
061FGB40LN08	586	061FGS90HN08	603	062ACR2891.33	865	062AQ	869
061FGB40LN10	592	061FGS90HN10	604	062ACR2891.50	865	062AQS01	869
061FGB45LN08	599	061FGS90LN08	601	062ACR2891ESD.33	865	062AS91.2000	853
061FGB45LN10	600	061FGS90LN10	602	062ACR2891ESD.50	865	062AS91ESD.2000	853
061FGB80HN08	597	061FGZ40LN08	586	062ACR974.50	867	062AT4040	849
061FGB80HN10	598	061FGZ40LN10	592	062ACR991.50	867	062AT4040S01	849
061FGB80LN08	594	061FGZ45LN08	599	062ACR991ESD.50	867	062ATS4080	849
061FGB80LN10	596	061FGZ45LN10	600	062ACS91.25	868	062ATS4080S01	849
061FGB90HN08	603	061FGZ80HN08	597	062AEB91ESD.50	860	062AUR46D30ESD	1113
061FGB90HN10	604	061FGZ80HN10	598	062AEH2611.50	857	062AXM	864
061FGB90LN08	601	061FGZ80LN08	594	062AEH2631.50	857	062AYFD28M	1066
061FGB90LN10	602	061FGZ80LN10	596	062AEH2661.50	857	062AYFD28MS01	1066
061FGL40LN08	586	061FGZ90HN08	603	062AEH2674.50	857	062AYFD30M	1118
061FGL40LN10	592	061FGZ90HN10	604	062AEH2691.50	857	062AYFD30MS01	1118
061FGL45LN08	599						

## PART NUMBER INDEX

062AYMD28M	1066	062RR991	863	091041	988	091119	987
062AYMD28MS01	1066	062RR991ESD	863	091042	984	091124	987
062AYMD30M	1118	062XHD40M	842	091042S03	984	091125	984
062AYMD30MS01	1118	062XHSD40M	842	091043	984	091125S01	984
062CIAK	881	06+3		091044	985	091126	985
062CIG08K.0020	883	063MAL50D16035	759	091045	988	091127	988
062CIL11K	882	063SGF3S01	785	091045S01	988	091130	990
062IA3572	838			091046	989	091130S03	990
062IHD40M	837	<b>069</b>		091046S06	989	091132	987
062IHSD40M	837	069A4090ZN1635	760	091047	985	091133	987
062MG36MS01	843	<b>091</b>		091048	988	091135	989
062MGRC74.2000	845	091001	985	091048S01	988	091135S01	989
062MGRC91.2000	845	091002	990	091049	994	091135S02	989
062MGRC91ESD.2000	845	091002S01	990	091049S01	994	091136	988
062MGRL3274.2000	844	091003	987	091050	984	091137	989
062MGRL3291.2000	844	091006	991	091062	985	091138	987
062MGRL3291ESD.2000	844	091006S07	991	091064	991	091139	987
062MGRL6574.2000	844	091007	987	091065	996	091140	985
062MGRL6591.2000	844	091007S13	987	091066	996	091142	993
062MGRL6591ESD.2000	844	091007S17	987	091067	996	091161	992
062MHD28M	1063	091008	987	091068	996	091162	987
062MHD30MS01	1115	091009	988	091069	996	091168	999
062MHSD28M	1063	091009S10	988	091070	996	091169	991
062MHSD30MS01	1115	091009S14	988	091071	996	091179	986
062MHSD30MS03	1115	091010	988	091073	996	091179S01	986
062MMD28M	1067	091011	990	091074	996	091179S04	986
062MMD30MS01	1119	091011S03	990	091077	987	091180	984
062MYFD28M	1065	091011S14	990	091077S01	987	091180S02	984
062MYFD30MS01	1117	091013	988	091078	987	091181	984
062MYMD28M	1065	091014	987	091078S01	987	091181S02	984
062MYMD30MS01	1117	091015	990	091083	990	091182	984
062RBH26E	874	091015S02	990	091083S01	990	091182S01	984
062RBR28E	873	091015S03	990	091083S02	990	091183	984
062RH2611	862	091017	990	091092	987	091183S01	984
062RH2631	862	091017S02	991	091094	988	091184	985
062RH2661	862	091017S04	990	091094S01	988	091184S03	985
062RH2674	862	091019	985	091094S02	988	091185	985
062RH2691	862	091021	993	091095	988	091185S01	985
062RH2691ESD	862	091021S06	993	091095S01	988	091186	985
062RR2811	861	091023	988	091101	985	091186S01	985
062RR2831	861	091023S03	988	091107	481	091187	985
062RR2861	861	091023S09	988	091108	481	091188	985
062RR2874	861	091024	991	091109	985	091188S01	985
062RR2891	861	091026	985	091110	992	091192	987
062RR2891ESD	861	091027	986	091112	990	091193	988
062RR28F11	861	091028	992	091113	991	091193S02	988
062RR28F31	861	091028S03	992	091114	988	091193S03	988
062RR28F61	861	091028S04	992	091114S01	989	091194	999
062RR28F74	861	091029	985	091115	989	091195	999
062RR28F91	861	091030	991	091116	989	091196	987
062RR28F91ESD	861	091030S03	991	091116S01	989	091197	988
062RR911	863	091030S04	991	091117	989	091200	988
062RR931	863	091039	993	091117S01	989	091201	999
062RR961	863	091040	987	091118	988	091202	999
062RR974	863			091118S01	988	091203	999

## PART NUMBER INDEX

091205	988	091381S01	829	092031S03	937	092050S07	971
091207	991	091385	981	092031S03	968	092050S12	971
091207S04	991	091385S01	981	092031S04	937	092050S14	971
091207S05	991	091386	982	092031S04	968	092050S16	971
091209	988	091386S01	982	092031S08	937	092052	971
091209S01	988	091387	987	092031S08	968	092054	971
091214	990	091387S01	987	092033	936	092057	978
091236	984	091388	1004	092033	966	092058	978
091236S01	984	091391	1004	092033S01	936	092060	1039
091237	984	091398S01	1001	092033S01	966	092063	948
091238	992	091399	1004	092033S05	936	092064	949
091245	985	091399S01	1001	092033S05	966	092065	954
091245S01	985	091401S01	1002	092034	936	092066	950
091246	999	091402S01	984	092034	966	092070	974
091247	999	091405	1004	092035	937	092080	972
091248L	999	091405S01	1004	092035	968	092080A	972
091248R	999	091406S01	1004	092035S04	937	092080S02	972
091249R	999			092035S04	968	092080S03	972
091252	986	<b>092</b>		092036	937	092080S06.25	719
091252S08	986	092001	635	092036	968	092080S06.50	719
091258	986	092002	636	092037	937	092081	972
091258S01	986	092002S03	636	092037	968	092082	972
091276	991	092002S04	636	092038	522	092085	972
091276S03	991	092005	634	092039	522	092090	955
091278	987	092008	643	092040	522	092092	526
091278S02	987	092009	641	092040E	522	092093	952
091288	990	092010	642	092040N12	522	092093S02	952
091320	988	092012	638	092041	973	092094	945
091320S02	988	092012S01	638	092041A	973	092095	877
091332	984	092013	645	092041AS01	973	092095S01	877
091332S02	984	092013A.2000	648	092041S03	973	092096	956
091332S03	984	092013A200	648	092041S05	973	092130	967
091333	1003	092013A300	648	092041S06	973	092130A	967
091337	995	092013A400	648	092041S08	973	092130S01	967
091337S01	995	092013A500	648	092041S11	973	092130S02	967
091337S04	995	092013E.2000	648	092041S13	973	092130S03	967
091344	986	092013S.2000	648	092041S21	973	092140	524
091344S01	986	092013S400	648	092041S23	973	092143	525
091344S02	986	092013S500	648	092041S26.25	720	092242	938
091345S01	989	092017	638	092041S26.50	720	092242	969
091345S02	989	092017S03	638	092042	973	092243	944
091346	985	092017S05	638	092043	973	092243	976
091346S01	985	092018	639	092044	973	092244	946
091347	998	092018S03	639	092044S01	973	092246	935
091348	998	092018S05	639	092045	934	092246	965
091349	998	092019	639	092045	964	092252	947
091359	986	092019S01	639	092045S07	934	092253	947
091359S01	986	092020	726	092045S07	964	092254	953
091359S02	986	092021	649	092047	934	092255	953
091370	986	092023	649	092047	964	092256	951
091370S01	986	092024	649	092050	971	092257	679
091370S02	986	092030	937	092050A	971	092258	679
091371	986	092030	968	092050AS01	971	092259	679
091371S01	986	092031	937	092050S03	971	092260	943
091374S01	1000	092031	968	092050S04	971	092260	975

## PART NUMBER INDEX

092262	941	093006S02	725	09308902S01	721	093258	1015
092264	680	093007	724	093090	1026	093291	1060
092266	977	093007S02	724	093091	1029	093292	1109
092270	940	093009	722	09309301	875	093293	1061
092271	940	093009S01	722	09309302	876	093310	957
092273	681	093020	820	09309302S01	876	093320	958
092280	939	093020S03	820	09309302S02	876	093323	727
092280	970	093021	820	09309302S03	876	093401	1012
092280S01	939	093024	821	09309303	875	093401N08	1012
092280S01	970	093025	821	09309304	876	093401N10	1012
092280S02	939	093026	822	09309304S01	876	093402N08	1016
092280S02	970	093028	818	09309304S03	876	093402N08S02	1016
092300	644	093029	819	09309304S04	876	093403N08	1016
092301	646	093039	673	093094	666	093405N08	1016
092302	644	093040	667	093095	807	093406N10	1016
092303	646	093040S09	667	093096S01	1028	093407N05	1016
092304	644	093040W	668	093097	807	093408N6,5	1016
092305	646	093043	669	093098	807	093504N08	1017
092307	640	093043A4	670	093099S01	1027	093505N08	1017
092307S01	640	093043S02	669	093099S02	1027	093506N10	1017
092307S02	640	093043S03	669	093099S03	1027	093510N05	1017
092308	640	093043S04	669	093099S04	1027	093512N6,5	1017
092308S01	640	093043W	671	093100E	886	093610N10	1018
092308S02	640	093043WS02	672	093100K	886	093611AN08	1018
092311N08	1005	093044	667	093100M	886	093611N08	1018
092318	726	093044S01	667	093101	816	093715N0874	1021
092321	645	093045	669	093110	677	093715N1071	1021
092322	879	093045S03	669	093111	678	093803N08S01	1020
092323	983	093045S06	669	093156	1032	093809N10S01	1020
092324	979	093045S07	669	093160	894	093815M45S01	1013
092324S01	979	093046	666	093166	1032	093817	1112
092325	980	0930461	675	093166SW	1032	093818	756
092325S01	980	0930462	675	093169	1032	093820	817
092326	650	0930463	675	093169SW	1032	093821N10	1019
092327	652	0930464	675	093200	880	093B1201N06A	120
092328	651	09304701	674	093200S01	880	093B1201N06AS01	121
092329	653	09304701S02	674	093200S03	880	093B1201N06R	120
092330	654	09304702	674	093200S04	880	093B1201N06RS01	121
092331	655	093048	897	093212	884	093B1201N06S	120
092334	654	093050	1014	093213	884	093B1201N06SS01	121
092335	652	093051	1014	093214	884	093B1201N06SS02	120
092336	655	093054	1014	093215	884	093B1201N06SS03	121
092337	653	093054S03	1014	093215	885	093B1201N08R	120
092338	651	093058	1014	093216	884	093B1201N08RS01	121
092339	650	093059	1011	093216	885	093B1201N08S	120
092340	942	093082	676	093217	884	093B1201N08SS01	121
092341	1089	093084L	806	093217	885	093B1201N10R	120
092345	942	093084R	806	093218	884	093B1201N10S	120
092346S01	878	093084S01	806	093218	885	093B1201N10SS01	121
092347S01	942	093087S01	803	093219	885	093B1601N08A	122
092550	647	09308801	605	093249	1015	093B1601N08AS01	123
		09308802	605	093249S03	1015	093B1601N08R	122
<b>093</b>		09308901	721	093251	1015	093B1601N08RS01	123
093003S01	723	09308901S01	721	093254	1015	093B1601N08S	122
093006	725	09308902	721	093254S03	1015	093B1601N08SS01	123

## PART NUMBER INDEX

093B1601N08SS02	123	093GABF20AN06	557	093PS0840FS01	795	093T30600806A	96
093B1601N08SS05	122	093GAF20AN	555	093PS0840FS02	798	093T30600806S	96
093B1601N10R	122	093GAF2551A	561	093PS0840L	791	093T30600808A	96
093B1601N10RS01	123	093GAF3060A	566	093PS0840LS01	794	093T30600808R	95
093B1601N10S	122	093GAF3060AN06	566	093PS0840LS02	797	093T30600808S	96
093B1601N10SS01	123	093GAF3060AN08	566	093PS0840S01	793	093T30601006A	96
093B2001S	124	093GAF4080AN	575	093PS0840S02	796	093T30601006R	95
093B2001V	124	093GAF4590AN	581	093QFN10	1022	093T30601006S	96
093B2002S	125	093GAF45AN	577	093RD84040R4	629	093T30601008A	96
093B2002V	125	093GB60SI10A8SW13	474	093RD84040R4S01	630	093T30601008R	95
093BA1001D80M12	114	093GB74SI10A12SW19	474	093S0616T	492	093T30601008S	96
093BA1001D80M12S01	114	093GBA40	573	093S0716C	490	093T30601206A	96
093BA1001D80M16	114	093GF25AN06	559	093S0720M	491	093T30601206S	96
093BA1001D80M16S01	114	093GF28AN08	563	093S0722T	492	093T30601208A	96
093BA14020	116	093GF30A	565	093S0825C	490	093T30601208R	95
093BA14025	116	093GF30AN06	565	093S0825T	492	093T30601208S	96
093BA14030	116	093GF30AN08	565	093S1230T	492	093T30601406A	96
093BA14038	116	093GF3876AN	570	093S30S02	1114	093T30601406S	96
093BA14040	116	093GF38A	568	093SB10N08	1030	093T30601408A	96
093BA14045	116	093GF38AN08	568	093SB10N10	1030	093T30601606A	96
093BA140D40	117	093GF40AN	572	093SB40N08	1030	093T30601606S	96
093BA140D60	117	093GF45AN	579	093SB40N08ESD	1030	093T40400805A	94
093BA140D76	117	093GI72SI10A8SW17	474	093SB40N10	1030	093T40400805S	94
093BA140D80	117	093GV20	582	093SF0516	493	093T40401005A	94
093BA140D90	117	093GV2040	583	093SF0725	493	093T40401005S	94
093BP2301N08S	115	093GV30	582	093SF0740	493	093T40401008SS01	99
093CA081119S01	812	093GV3060	583	093SF1240	493	093T40401205A	94
093CAU081A128S01	809	093GV40	582	093SM06S02	799	093T40401205S	94
093CID14S119S01	813	093GV4080	583	093SM08	801	093T40800808A	102
093CID14S199S01	814	093GV45	582	093SM0810	802	093T40800808R	100
093CIUD141060S01	827	093GV4590	583	093SM08S02	799	093T40800808S	102
093CIUD141060S02	828	093LC23N08S01.102	718	093SM10	801	093T40800812A	102
093CIUD141SA128S01	810	093LC23N08S01.2000	718	093SM10S01	800	093T40800812S	102
093CIUD141SA208S01	811	093LC36N0810S01.102	718	093SM10S02	799	093T40801008A	102
093CWM35N0810	895	093LC36N0810S01.160	718	093SN10	815	093T40801008R	100
093FDE30N0810	804	093LC36N0810S01.2000	718	093ST4040N08	805	093T40801008S	102
093G25AN06	558	093LC38D28S01.120	1070	093T1001001008A	113	093T40801012A	102
093G28A	562	093LC38D28S01.2000	1070	093T1001001012A	113	093T40801012R	100
093G28AN08	562	093LCT38D28.120	1070	093T1001001208A	113	093T40801012S	102
093G30A	564	093LCT38D28.2000	1070	093T1001001212A	113	093T40801208A	102
093G30AN06	564	093LCT38D30.102	1070	093T1001001408A	113	093T40801208R	100
093G30AN08	564	093LCT60D30.102	1110	093T1001001408S	113	093T40801208S	102
093G3876AN	569	093M1230	494	093T1001001412A	113	093T40801212A	102
093G38A	567	093M1230T	494	093T1001001608A	113	093T40801212R	100
093G38AN08	567	093P20LN	896	093T1001001612A	113	093T40801212S	102
093G40AN	571	093P20N	959	093T1001001612S	113	093T40801408A	102
093G45AN	578	093P30LN	896	093T1001002008A	113	093T40801408R	100
093GA20AN	554	093P30N	959	093T1001002012A	113	093T40801408S	102
093GA2551A	560	093P40LN	896	093T1001002012S	113	093T40801412A	102
093GA4080AN	574	093P40N	959	093T20400605A	93	093T40801608A	102
093GA4590AN	580	093P45LN	896	093T20400605R	92	093T40801608R	100
093GA45AN	576	093P45N	959	093T20400605S	93	093T40801608S	102
093GAB20AN05	556	093PD30NS01	1111	093T20400805A	93	093T40801612A	102
093GAB20AN06	556	093PS0840	790	093T20400805R	92	093T40801612R	100
093GABF20AN05	557	093PS0840F	792	093T20400805S	93	093T40801612S	102



## PART NUMBER INDEX

093T40802008A	102	093T60601008A	98	093T90901408A	109	093VA5151	362
093T40802008S	102	093T60601008S	98	093T90901408S	109	093VA6060	362
093T45901008A	107	093T60601206A	98	093T90901412A	109	093VA7676	362
093T45901008R	106	093T60601206R	97	093T90901608A	109	093VA8080	362
093T45901008S	107	093T60601206S	98	093T90901608R	108	093VA9090	362
093T45901012A	107	093T60601208A	98	093T90901608S	109	093VAD28V	1055
093T45901012R	106	093T60601208R	97	093T90901612A	109	093VAD30V	1097
093T45901012S	107	093T60601208S	98	093T90901612R	108	093VAD30VS01	1097
093T45901208A	107	093T60601406A	98	093T90901612S	109	093VB3060N08	458
093T45901208R	106	093T60601408A	98	093T90902008A	109	093VB3060N08S01	458
093T45901208S	107	093T60601408S	98	093T90902012A	109	093VD4080	363
093T45901212A	107	093T60601606A	98	093T90902012R	108	093VD51102	363
093T45901212R	106	093T60601606R	97	093T90902012S	109	093VD60120	363
093T45901212S	107	093T60601606S	98	093TA40800808R	90	093VD80160	363
093T45901408A	107	093T60601608A	98	093TA40801008R	90	093VD90180	363
093T45901412A	107	093T60601608S	98	093TA40801208R	90	093VL102102D	365
093T45901412R	106	093T80800808A	105	093TA40801408R	90	093VL114114	364
093T45901412S	107	093T80800808R	103	093TA40801608R	90	093VL120120	364
093T45901608A	107	093T80800808S	105	093TA40802008R	90	093VL120120D	365
093T45901608R	106	093T80800812A	105	093TA80800808R	91	093VL135135	364
093T45901608S	107	093T80801008A	105	093TA80801008R	91	093VL152152D	365
093T45901612A	107	093T80801008R	103	093TA80801208R	91	093VL160160D	365
093T45901612R	106	093T80801008S	105	093TA80801608R	91	093VL180180D	365
093T45901612S	107	093T80801012A	105	093TA80802008R	91	093VL6060	364
093T45902008A	107	093T80801012S	105	093V1001N08V	373	093VL7676	364
093T45902012A	107	093T80801208A	105	093V1001N10V	373	093VL8080D	365
093T45902012R	106	093T80801208R	103	093V2040A	370	093VL9090	364
093T45902012S	107	093T80801208S	105	093V2040S	370	093VM120120LN08	369
093T501001010A	112	093T80801212A	105	093V3060A	370	093VM4080LN08	368
093T501001010R	110	093T80801212R	103	093V3060S	370	093VS06	1031
093T501001010S	112	093T80801212S	105	093V3060V	370	093VS06S01	1031
093T501001012A	112	093T80801408A	105	093V3090A	371	093VS08	1031
093T501001012S	112	093T80801408R	103	093V3090S	371	093VS08S01	1031
093T501001210A	112	093T80801408S	105	093V40120A	371	093VS12	1031
093T501001210S	112	093T80801412A	105	093V40120S	371	093VT114114	366
093T501001212A	112	093T80801608A	105	093V40160A	372	093VT120120	366
093T501001212S	112	093T80801608R	103	093V40160S	372	093VT120120D	367
093T501001410A	112	093T80801608S	105	093V4080A	370	093VT135135	366
093T501001410S	112	093T80801612A	105	093V4080S	370	093VT160160D	367
093T501001412A	112	093T80801612R	103	093V4080V	370	093VT180180D	367
093T501001412S	112	093T80801612S	105	093V4590A	370	093VT6060	366
093T501001610A	112	093T80802008A	105	093V4590S	370	093VT7676	366
093T501001610S	112	093T80802008R	103	093V4590V	370	093VT8080D	367
093T501001612A	112	093T80802008S	105	093VA2040	360	093VT9090	366
093T501001612R	110	093T80802012A	105	093VA2080	361	093W02	383
093T501001612S	112	093T80802012R	103	093VA2551	360	093W02	385
093T501002010A	112	093T90901008A	109	093VA30120	361	093W02	392
093T501002010S	112	093T90901012A	109	093VA3060	360	093W02	397
093T501002012A	112	093T90901012S	109	093VA38152	361	093W02	398
093T501002012S	112	093T90901208A	109	093VA3876	360	093W02	399
093T60600806A	98	093T90901208R	108	093VA40160	361	093W02	612
093T60600808A	98	093T90901208S	109	093VA4040	362	093W03	118
093T60600808S	98	093T90901212A	109	093VA4080	360	093W03	386
093T60601006A	98	093T90901212R	108	093VA45180	361	093W03	396
093T60601006S	98	093T90901212S	109	093VA4590	360	093W03	404

## PART NUMBER INDEX

093W1171L	118	093W401N10R	406	093W603N10	397	093WA403	389
093W1171LN06	118	093W401R	406	093W603N10S01	397	093WA404	386
093W1171LN08	118	093W402	407	093W603N10S03	397	093WA406	387
093W1751LN10	119	093W402N08	407	093W603N10S04	397	093WA406S01	387
093W201	403	093W402N08R	407	093W8010N08S01	412	093WA407	409
093W201N05	403	093W402N08S02	407	093W802	411	093WA421S02	392
093W201N05R	403	093W402N10	407	093W802N08	411	093WA421S02	393
093W201N05S01	403	093W402N10R	407	093W802N08R	411	093WA421S06	392
093W201N06	403	093W402R	407	093W802N08S02	411	093WA421S07	392
093W201N06R	403	093W403	389	093W802N10	411	093WA422	395
093W201R	403	093W403N08	389	093W802N10R	411	093WA451	396
093W202	382	093W403N10	389	093W802R	411	093WA601	413
093W202N05	382	093W403N10S01	389	093W803	414	093WA603	397
093W202N06	382	093W403N10S03	389	093W803N08	414	093WA802	411
093W202N06S03	382	093W403N10S04	389	093W803N08R	414	093WA803	414
093W202N06S04	382	093W404	386	093W803N10	414	093WA806	398
093W202N06S05	382	093W404N08	386	093W803N10R	414	093WA806S03	398
093W203	381	093W404N10	386	093W803R	414	093WA809	391
093W203N05	381	093W404N10S01	386	093W805	402	093WA809S01	391
093W203N06	381	093W404N10S05	386	093W805S01	402	093WA901	399
093W203N06S01	381	093W404N10S06	386	093W806	398	093WC406N08VS01	454
093W203N06S03	381	093W406N08S01	387	093W806N08	398	093WC407N08VS01	455
093W203N06S04	381	093W407N08	408	093W806N10	398	093WC456N10VS01	456
093W206N08R	404	093W407N08R	408	093W806N10S01	398	093WC457N10VS01	457
093W206N08RS02	404	093W407N08S01	408	093W806N10S03	398	093WD20	374
093W301	405	093W408N08S01	390	093W806N10S04	398	093WD2040	376
093W301N06	405	093W409	400	093W807	415	093WD25	374
093W301N06R	405	093W421	392	093W809N08S01	391	093WD2551	376
093W301N06S01	405	093W421N08	392	093W810	401	093WD30	374
093W301N08	405	093W421N10	392	093W8104N06	375	093WD3060	376
093W301N08R	405	093W421N10S04	392	093W8203N05	375	093WD38	374
093W301R	405	093W421N10S08	392	093W8303N08	375	093WD3876	376
093W302	385	093W421N10S09	392	093W8384N08	375	093WD40	374
093W302N06	385	093W422N10	395	093W8404N08	375	093WD4020	377
093W302N08	385	093W422N10S01	395	093W8421N10	375	093WD4040	378
093W302N08S01	385	093W423N10	393	093W901	399	093WD4080	376
093W302N08S04	385	093W423N10S02	393	093W901N08	399	093WD45	374
093W302N08S05	385	093W451	396	093W901N10	399	093WD4590	376
093W303	383	093W4510N10S01	394	093W901N10S02	399	093WD5125	377
093W303N06	383	093W451N08	396	093W901N10S06	399	093WD5151	378
093W303N08	383	093W451N10	396	093W901N10S07	399	093WD6030	377
093W303N08S09	383	093W451N10S01	396	093WA1171L	118	093WD6060	378
093W303N08S11	383	093W451N10S05	396	093WA201	403	093WD7638	377
093W303N08S12	383	093W451N10S06	396	093WA202	382	093WD7676	378
093W303N08S13	383	093W601	413	093WA202S02	382	093WD8040	377
093W303N08S14	383	093W601N08	413	093WA203	381	093WD8080	378
093W303N10	383	093W601N08R	413	093WA203S02	381	093WD9045	377
093W303N10S02	383	093W601N10	413	093WA301	405	093WD9090	378
093W303N10S03	383	093W601N10R	413	093WA302	385	093WE201N05	426
093W401	406	093W601R	413	093WA302S03	385	093WE202N06	429
093W4010N08S01	388	093W603	397	093WA303S02	383	093WE301N08	436
093W401N08	406	093W603N08	397	093WA303S05	383	093WE302N06	432
093W401N08R	406	093W603N08S01	397	093WA401	406	093WE381N08	439
093W401N08S03	406	093W603N08S02	397	093WA401S01	406	093WE402N08	442
093W401N10	406	093W603N08S03	397	093WA402	407	093WE405N10	446

## PART NUMBER INDEX

093WE452N10	449	093WK301N06R	606	093WV1001V	421	<b>094</b>	
093WEA201A	427	093WK401N08A	608	093WV1002V	421	094002CSM6	907
093WEA201AS01	427	093WK401N08R	608	093WV1003V	419	094002CSM6S01	908
093WEA201B	428	093WKF301N06A	607	093WV1004V	420	094002M4	905
093WEA201BS02	428	093WKF301N06R	607	093WV431V	417	094002M4S01	906
093WEA202A	430	093WKF401N08A	609	093WV432V	417	094002M5	905
093WEA202AS02	430	093WKF401N08R	609	093WV452V	933	094002M5S02	906
093WEA202B	431	093WL201N10S01	892	093WV781V	418	094002M6	905
093WEA301A	437	093WL201N10S04	893	093WW203N05	464	094002M6S06	906
093WEA301AS03	437	093WS20145N05	537	093WW203N05S01	464	094003CSM6	911
093WEA301B	438	093WS20145N05R	537	093WW203N06R	464	094003CSM6S01	912
093WEA301BS04	438	093WS25145N6,5	539	093WW203N06RS	464	094003GM6	913
093WEA302A	433	093WS25145N6,5R	539	093WW204N05	465	094003M4	909
093WEA302AS01	433	093WS30145N0810RS01	542	093WW204N05S01	465	094003M4S01	910
093WEA302B	434	093WS30145N0810RS02	542	093WW204N06R	465	094003M5	909
093WEA302BS03	434	093WS30145N0810S01	542	093WW204N06RS	465	094003M5S01	910
093WEA302C	435	093WS30145N0810S02	542	093WW251N06	466	094003M6	909
093WEA302CS01	435	093WS30145N0810S03	542	093WW251N06S01	466	094003M6S01	910
093WEA381B	440	093WS30145N0810S04	542	093WW252N06	467	094004CSM6	911
093WEA381C	441	093WS30245N08	540	093WW252N06S01	467	094004CSM6S01	912
093WEA402A	443	093WS30245N08R	540	093WW303N08	468	094004M4	909
093WEA402AS01	443	093WS38145N08	543	093WW303N08R	468	094004M4S01	910
093WEA402B	444	093WS38145N08R	543	093WW303N08RS	468	094004M5	909
093WEA402BS01	444	093WS40145N08	545	093WW303N08S	468	094004M5S01	910
093WEA402C	445	093WS40145N08R	545	093WW304N08	469	094004M6	909
093WEA402CS01	445	093WS40245	547	093WW304N08R	469	094004M6S02	910
093WEA405A	447	093WS40245R	547	093WW304N08RS	469	094005CSM6	911
093WEA405AS02	447	093WS40345N10RS01	549	093WW304N08S	469	094005CSM6S02	912
093WEA405B	448	093WS40345N10S03	549	093WW405N08	470	094005GM6	913
093WEA405BS02	448	093WS40445N05	538	093WW405N08R	470	094005M4	909
093WEA452A	450	093WS40445N05R	538	093WW406N08	471	094005M4S01	910
093WEA452AS02	450	093WS40545N08S01	546	093WW406N08R	471	094005M5	909
093WEA452B	451	093WS45145N10RS01	552	093WW407N10	470	094005M5S01	910
093WEA452BS03	451	093WS45145N10S01	552	093WW407N10R	470	094005M6	909
093WF20401N08S01	461	093WS45145N10S02	552	093WW407N10RS	470	094005M6S06	910
093WF22451N10S01	462	093WS45245N10	550	093WW407N10S	470	094008CSM6	911
093WG130V	615	093WS45245N10R	550	093WW408N10	471	094008CSM6S01	912
093WG301A	610	093WS60145N08	541	093WW408N10R	471	094008M4	909
093WG301R	610	093WS60145N08R	541	093WW408N10RS	471	094008M4S01	910
093WG302N08	612	093WS76145N08	544	093WW408N10S	471	094008M5	909
093WG302N08S04	612	093WS80145N08	548	093WW453N10	472	094008M5S01	910
093WG302N08S05	612	093WS80145N08R	548	093WW453N10R	472	094008M6	909
093WG302N08S06	612	093WS90145N10	551	093WW453N10RS	472	094008M6S03	910
093WG302N10	612	093WS90145N10R	551	093WW453N10S	472	094010M4	916
093WG302N10S01	612	093WT401N08S	786	093WW454N10	473	094010M5	916
093WG401A	611	093WU201A	422	093WW454N10R	473	094010M6	916
093WG401R	611	093WU201S	422	093WW454N10RS	473	094010U1/4	916
093WG402	613	093WU302A	423	093WW454N10S	473	094020CLIPM6	915
093WG402N	613	093WU302S	423	093WWC18321N08S01	459	094020CSM6	911
093WG402NS02	613	093WU302V	423	093WWC401N08S01	889	094020CSM6S02	912
093WG402NS03	613	093WU401A	424	093WWCA18321S01	460	094020GM6	913
093WG403	614	093WU401S	424	093WWCI18321S01	808	094020M4	909
093WH400808	891	093WU401VS01	424	093XWWC401N08	890	094020M4S01	910
093WI40N08S01	410	093WU4060V	425			094020M5	909
093WK301N06A	606	093WU4080V	425			094020M5S01	910

PART NUMBER INDEX

094020M6	909	094103KS03	926	094901	923	095052	220
094020M6S04	910	094105CS	905	094901S03	904	095065	201
094080CSM6	911	094105CS	907	094901S03	924	095071	221
094080CSM6S01	912	094105CS	909	094902	903	095072	258
094080M4	909	094105CS	911	094902	923	095072S01	258
094080M4S01	910	094105CS	915	094902S03	904	095300	228
094080M5	909	094105CS	916	094902S03	924	095300F	229
094080M5S01	910	094105CSG	913	094903	903	095300FN08	229
094080M6	909	094105CSS03	906	094903	923	095300FN10	229
094080M6S01	910	094105CSS03	908	094903S03	904	095300N08	228
094100CSM6	907	094105CSS03	910	094903S03	924	095300N10	228
094100CSM6S01	908	094105CSS03	912	094904	903	095400	227
094100M4	905	094105CSS12	906	094904	923	095400N06	227
094100M4S01	906	094105CSS12	908	094904S03	904	095400N0608	227
094100M5	905	094105CSS12	910	094904S03	924	095400N08	227
094100M5S01	906	094105CSS12	912	094A4045	932	0957101	656
094100M6	905	094105K	925	094A4045S01	932	0957201	656
094100M6S02	906	094105K	927	094AD28	1059	0957301	656
094102CS	905	094105KS01	926	094AD30	1104	0957404	662
094102CS	907	094105KS03	926	094Z40S0817CS	931	09574040E	259
094102CS	909	094202	925	094Z40S0840CS	931	0957405	662
094102CS	911	094202S03	926	094Z40S1040CS	931	0957406	662
094102CS	915	094202SL	927	094Z40SCS	931	0957408	659
094102CS	916	094203	925			0957408S01	659
094102CSG	913	094203S05	926	<b>095</b>		0957409	663
094102CSS03	906	094203SL	927	095004	195	0957409S02	663
094102CSS03	908	094204	925	095005	231	0957409S03	663
094102CSS03	910	094204S01	926	095006	232	0957410	659
094102CSS03	912	094204SL	927	095007	234	0957410S01	659
094102CSS10	906	094205	925	095007E	262	0957411	659
094102CSS10	908	094205S04	926	095008	236	0957411S01	659
094102CSS10	910	094205SL	927	095009	235	0957415	661
094102CSS10	912	0942SL	928	095009F	244	0957416	661
094102K	925	094311	923	095010	233	0957417	661
094102K	927	094311S02	924	095010E	261	0957420S01	660
094102KS01	926	094411M4	903	095014	239	0957420S02	660
094102KS03	926	094411M4S03	904	095015	240	0957431	659
094103CS	905	094500M6	919	095016	241	0957432	659
094103CS	907	094500M6S03	920	095020D	197	0957504	664
094103CS	909	094501M5	917	095020L	196	0957505	664
094103CS	911	094501M5S01	918	095020R	196	09575050E	260
094103CS	915	094511M5CS	921	095022F00	194	09575050ELR	264
094103CS	916	094513M5CS	922	095022F05	194	0957506	664
094103CSG	913	094522M6CS	930	095022F06	194	0957601	665
094103CSS04	906	094523M6	929	095023L	230	09576060E	263
094103CSS04	908	094524M6	1058	095023R	230	095990S	245
094103CSS04	910	09452RA20	1058	095027	237	095A2020F	202
094103CSS04	912	09452RA20	929	095028	238	095A2525F	204
094103CSS12	906	09452RA20	930	095030	242	095A2525L	203
094103CSS12	908	094605CSS02	914	095031	243	095A2525R	203
094103CSS12	910	094620CSS02	914	095032	243	095A2530F	204
094103CSS12	912	094700	902	095033	243	095A2530L	203
094103K	925	094701	902	095047	219	095A2530R	203
094103K	927	094707	902	095050	220	095A2535F	204
094103KS01	926	094901	903	095051	220	095A2535L	203

## PART NUMBER INDEX

095A2535R	203	095A4030L	210	095A6040L	216	095K2020R00	171
095A2540F	204	095A4030R	210	095A6040R	216	095K2525F00	174
095A2540L	203	095A4035L	210	095A6045L	216	095K2525F06	174
095A2540R	203	095A4035R	210	095A6045R	216	095K2525F08	174
095A2545F	204	095A4040F	211	095A6050L	216	095K2525L00	173
095A2545L	203	095A4040L	210	095A6050R	216	095K2525L06	173
095A2545R	203	095A4040R	210	095A6060F	217	095K2525L08	173
095A2550F	204	095A4045F	211	095A6060L	216	095K2525R00	173
095A2550L	203	095A4045L	210	095A6060R	216	095K2525R06	173
095A2550R	203	095A4045R	210	095AH20	224	095K2525R08	173
095A2560F	204	095A4050F	211	095AH25	224	095K2530F00	174
095A2560L	203	095A4050L	210	095AH30	224	095K2530L00	173
095A2560R	203	095A4050R	210	095AH38	224	095K2530R00	173
095A3025L	205	095A4060F	211	095AH40	224	095K2535F00	174
095A3025R	205	095A4060L	210	095AH45	224	095K2535L00	173
095A3030F	206	095A4060R	210	095AH50	224	095K2535R00	173
095A3030L	205	095A4525L	212	095AH60	224	095K2540F00	174
095A3030R	205	095A4525R	212	095AI20	223	095K2540L00	173
095A3035F	206	095A4530L	212	095AI25	223	095K2540R00	173
095A3035L	205	095A4530R	212	095AI30	223	095K2545F00	174
095A3035R	205	095A4535L	212	095AI38	223	095K2545L00	173
095A3040F	206	095A4535R	212	095AI40	223	095K2550F00	174
095A3040L	205	095A4540L	212	095AI45	223	095K2550L00	173
095A3040R	205	095A4540R	212	095AI50	223	095K2550R00	173
095A3045F	206	095A4545F	213	095AI60	223	095K2560F00	174
095A3045L	205	095A4545L	212	095AIA	223	095K3025R00	175
095A3045R	205	095A4545R	212	095AIA	224	095K3030F00	176
095A3050F	206	095A4550F	213	095AIR01	223	095K3030F06	176
095A3050L	205	095A4550L	212	095AIR01	224	095K3030F08	176
095A3050R	205	095A4550R	212	095AL40N0840N08	222	095K3030L00	175
095A3060F	206	095A4560F	213	095AL40N0840N08S01	222	095K3030L06	175
095A3060L	205	095A4560L	212	095AN05	218	095K3030L08	175
095A3060R	205	095A4560R	212	095AN06	218	095K3030R00	175
095A3525L	207	095A5025L	214	095AN08	218	095K3030R06	175
095A3525R	207	095A5025R	214	095AN10	218	095K3030R08	175
095A3530L	207	095A5030L	214	095AN12	218	095K3035F00	176
095A3530R	207	095A5030R	214	095AN14	218	095K3040F00	176
095A3535F	208	095A5035L	214	095E2020F	247	095K3040L00	175
095A3535L	207	095A5035R	214	095E2525F	249	095K3040R00	175
095A3535R	207	095A5040L	214	095E2525L	248	095K3045F00	176
095A3540F	208	095A5040R	214	095E2525R	248	095K3045L00	175
095A3540L	207	095A5045L	214	095E3030F	251	095K3045R00	175
095A3540R	207	095A5045R	214	095E3030L	250	095K3050F00	176
095A3545F	208	095A5050F	215	095E3030R	250	095K3050L00	175
095A3545L	207	095A5050L	214	095E4040F	253	095K3060F00	176
095A3545R	207	095A5050R	214	095E4040L	252	095K3535F00	178
095A3550F	208	095A5060F	215	095E4040R	252	095K3535F08	178
095A3550L	207	095A5060L	214	095E4545F	255	095K3535F10	178
095A3550R	207	095A5060R	214	095E4545L	254	095K3535L00	177
095A3560F	208	095A6025L	216	095E4545R	254	095K3535L08	177
095A3560L	207	095A6025R	216	095E6060F	257	095K3535R00	177
095A3560R	207	095A6030L	216	095E6060L	256	095K3535R08	177
095A3838F	209	095A6030R	216	095E6060R	256	095K3535R10	177
095A4025L	210	095A6035L	216	095K2020F00	172	095K3540F00	178
095A4025R	210	095A6035R	216	095K2020L00	171	095K3540L00	177

## PART NUMBER INDEX

095K3545F00	178	095K6060L00	185	095SR3030A08	190	096020S74	617
095K3550F00	178	095K6060L08	185	095SR4040A00	191	096020S92	416
095K3560F00	178	095K6060L10	185	095SR4040A08	191	096020S97	294
095K3560L00	177	095K6060R00	185	095SR4040A10	191	096023	292
095K4025R00	179	095K6060R10	185	095Z4040F00S	225	096024	292
095K4030L00	179	095KF2525F00	187	095Z4040F08S	225	096024F	295
095K4030R00	179	095KF2525F06	187	095Z4040F10S	225	096024S01	292
095K4035L00	179	095KF2525F08	187	095Z4545F00S	225	096025	292
095K4035R00	179	095KF3030F00	187	095Z4545F08S	225	096025E	292
095K4040F00	180	095KF3030F08	187	095Z4545F10S	225	096025F	295
095K4040F08	180	095KF3535F00	187	095ZF4040F00S	226	096025S01	292
095K4040F10	180	095KF4040F00	187	095ZF4040F08S	226	096026	292
095K4040L00	179	095KF4040F08	187	095ZF4040F10S	226	096026E	292
095K4040L08	179	095KF4040F10	187	095ZF4045F00S	226	096026F	295
095K4040L10	179	095KF4545F00	187	095ZF4545F00S	226	096026S01	292
095K4040R00	179	095KF4545F10	187	095ZF4545F08S	226	096028	292
095K4040R08	179	095KF5050F00	187	095ZF4545F10S	226	096028E	292
095K4040R10	179	095KF6060F00	187			096028F	295
095K4045F00	180	095KS3030F00	198	<b>096</b>		096028S01	292
095K4050F00	180	095KS3030F08	198	096000S16	298	09602U1/4	292
095K4060F00	180	095KS3030F08S02	198	096000S83	416	09602U1/4F	295
095K4060L00	179	095KS3040F00	198	096003	297	09602U10-32	292
095K4060R00	179	095KS3040F08	198	096003E	297	09602U5/16	292
095K4530R00	181	095KS3040F0810	198	096004	297	09602U5/16F	295
095K4535L00	181	095KS3040F0810S01	198	096004E	297	096030S06	318
095K4535R00	181	095KS3045F00	198	096004S01	297	096030S07	318
095K4540R00	181	095KS3045F0810	198	096005	297	096030S08	318
095K4545F00	182	095KS3045F0810S02	198	096005E	297	096030S09	318
095K4545F08	182	095KS3060F00	198	096005S01	297	096030S38	620
095K4545F10	182	095KS3060F0810	198	096006	297	096030S41	127
095K4545L00	181	095KS3060F0810S01	198	096006D36S01	510	096034	317
095K4545L08	181	095KS4040F00	199	096006D76	510	096035	317
095K4545L10	181	095KS4040F08	199	096006D76S02	296	096036	317
095K4545R00	181	095KS4040F0810	199	096006E	297	096036E	317
095K4545R08	181	095KS4040F10	199	096006S01	297	096038	317
095K4545R10	181	095KS4040F10S01	199	096008	297	096038E	317
095K4550F00	182	095KS4045F00	199	096008D36S03	504	096060S02	616
095K4560F00	182	095KS4545F00	200	096008D76	504	096060S13	536
095K5025R00	183	095KS4545F10	200	096008E	297	096060S54	127
095K5030R00	183	095KS4545F10S03	200	096008S01	297	096064	301
095K5050F00	184	095KS4560F10	200	09600U1/4	297	096065	301
095K5050F08	184	095KS4560F10S01	200	09600U1/4E	297	096066	301
095K5050F10	184	095S3030A00	188	09600U10-32	297	096066E	301
095K5050L00	183	095S3030A06	188	09600U5/16	297	096068	301
095K5050L08	183	095S4040A00	189	09600U5/16E	297	096068E	301
095K5050L10	183	095S4040A08	189	096010S05	618	096074	323
095K5050R00	183	095S4040A10	189	096010S10	619	096075	323
095K5050R08	183	095SF3030A00	192	096010S11	619	096076	323
095K5050R10	183	095SF3030A06	192	096010S46	618	096078	323
095K5060F00	184	095SF3030A08	192	096014	299	096083	309
095K6030R00	185	095SF4040A00	193	096015	299	096084F	310
095K6035R00	185	095SF4040A08	193	096016	299	096085	309
095K6060F00	186	095SF4040A10	193	096018	299	096085F	310
095K6060F08	186	095SL4040E	246	096020S111	293	096086	309
095K6060F10	186	095SR3030A00	190	096020S46	617	096086F	310

## PART NUMBER INDEX

096088	309	096235D28	276	096424FE	282	096F0804	339
096088F	310	096235D58	276	096425	281	096F0805	339
096095	290	096235E	274	096425F	282	096F0806	339
096096	290	096235S01	274	096425FE	282	096F1004	340
096098	290	096236	274	096426	281	096F1005	340
096115	302	096236D28	276	096426F	282	096F1006	340
096116	302	096236D58	276	096426FE	282	096F1008	340
096118	302	096236E	274	096428	281	096FN08	327
096124	307	096244F	273	096428F	282	096FN10	327
096124E	307	096245F	273	096428FE	282	096H06410	328
096125	307	096264	272	096448	315	096H06410E	328
096125E	307	096265	272	096456	303	096H081/415	330
096125F	308	096284	277	096458	303	096H081/415E	330
096126	307	096284F	278	096466	286	096H081/430	330
096126E	307	096285	277	096468	286	096H0810-3215	330
096126F	308	096285F	278	096484E	280	096H08415	330
096128	307	096286	277	096485E	280	096H08415S20	331
096128E	307	096286F	278	096494F	283	096H08430	330
096128F	308	096314	284	096495F	283	096H08440K	332
096134	314	096314EF	285	096496F	283	096H08515	330
096135	314	096314F	285	096498F	283	096H08515S20	331
096136	314	096315	284	096504	279	096H08530	330
096138	314	096315EF	285	096505	279	096H08530S20	331
096144F	322	096315F	285	096506	279	096H08610	329
096145F	322	096316	284	096523	269	096H08615	330
096146F	322	096316EF	285	096524	269	096H08615E	330
096148F	322	096316F	285	096525	269	096H08615S20	331
096160S03	306	096318	284	0965310	316	096H08630	330
096164	304	096318EF	285	096538	316	096H08630S20	331
096164F	305	096318F	285	096553	275	096H101/430	333
096165	304	096324	289	096554	275	096H101/430E	333
096165F	305	096325	289	096555	275	096H1010-3230	333
096166	304	096326	289	096555D28	509	096H10413S02	333
096166F	305	096328	289	096555D58	509	096H10430	333
096168	304	096334	291	096556	275	096H10430S20	334
096168F	305	096335	291	096556D28	503	096H105/1630	333
09616U1/4	304	096335E	291	096556D58	503	096H105/1630E	333
09616U1/4F	305	096336	291	096565	300	096H10513S02	333
09616U10-32	304	096336E	291	096566	300	096H10517	333
09616U10-32F	305	096338	291	096568	300	096H10517S20	334
09616U5/16	304	096338E	291	0966710S01	326	096H10530	333
09616U5/16F	305	096348	311	096676S01	326	096H10530S20	334
096176	324	096355	312	096678S02	326	096H10613S02	333
096178	324	096356	312	096928	313	096H10617	333
096203	271	096358	312	096930S02	321	096H10617S20	334
096204	271	096395	319	096930S03	321	096H10630	333
096204E	271	096396	319	096930S04	321	096H10630E	333
096205	271	096398	319	096930S05	321	096H10630ES03	333
096205E	271	096404	287	096930S06	320	096H10630S20	334
096213	270	096405	287	096930S07	320	096H10813S02	333
096214	270	096406	287	096930S08	320	096H10817	333
096215	270	096406F	288	0969810	325	096H10817S20	334
096233	274	096408	287	0969812	325	096H10830	333
096234	274	096424	281	096986	325	096H10830E	333
096235	274	096424F	282	096988	325	096H10830ES03	333

## PART NUMBER INDEX

096H10830S20	334	096P0090903M4	347	096R080518Z	344	098A100ZSG	49
096HK0815M0616	335	096P0090903M5	347	096R080529Z	343	098A120E	51
096HK0815M0620	335	096P0090903M6	347	096R080530Z	344	098A120EB	52
096HK0815M0620E	335	096P0131306M4	345	096R080629Z	343	098A120EBG	52
096HK0815M0625	335	096P0131306M4F	346	096R404F	342	098A120EG	51
096HK0815M0625E	335	096P0131306M5	345	096R405F	342	098A120ZBS	50
096HK0815M0630	335	096P0131306M5F	346	096R406F	342	098A120ZBSG	50
096HK0815M0630E	335	096P0131306M6	345	096R424F	341	098A120ZS	49
096HK0815M0640	335	096P0131306M6F	346	096R425F	341	098A120ZSG	49
096HK0815M0640E	335	096P0131306M8	345	096R426F	341	098AA080ZS	55
096HK0815M0660	335	096P0131306M8F	346	096SM10M04	350	098AA080ZSG	55
096HK0815M0660E	335	096P01409025M4	347	096SM10M05	350	098ABG045	63
096HK0815M0820	335	096P01409025M5	347	096SM10M06	350	098ABG045S01	63
096HK0815M0825	335	096P0141203M4	347			098ABG060	63
096HK0815M0830	335	096P0141203M5	347	<b>098</b>		098ABG060S01	63
096HK0830M0620	335	096P0141203M6	347	098A040ZS	49	098ABG090	63
096HK0830M0625	335	096P0151004M4	347	098A045ZS	49	098ABG090S01	63
096HK0830M0630	335	096P0151004M5	347	098A050K	47	098AG050	60
096HK0830M0640	335	096P0151004M6	347	098A050KG	47	098AG060	60
096HK0830M0660	335	096P0151005M6	347	098A050ZS	49	098AG060B	60
096HK0830M0820	335	096P0191604M4	347	098A060E	51	098AG060S01	60
096HK0830M0825	335	096P0191604M5	347	098A060EG	51	098AG080	60
096HK0830M0830	335	096P0191604M6	347	098A060K	47	098AG080B	60
096HK0830M0840	335	096P0191604M8	347	098A060KG	47	098AG100B	60
096HK1015M0620	336	096P0191904M4	347	098A060ZBS	50	098AG120B	60
096HK1015M0625	336	096P0191904M5	347	098A060ZBSG	50	098AG125B	46
096HK1015M0630	336	096P0191904M6	347	098A060ZS	49	098AG125B	61
096HK1015M0640	336	096P0191904M8	347	098A060ZSG	49	098AG125B	72
096HK1015M0660	336	096P0201305M6	347	098A080E	51	098AG175B	46
096HK1015M0820	336	096P0201305M8	347	098A080EB	52	098AG175B	61
096HK1015M0825	336	096P0201406M8	347	098A080EBG	52	098AG175B	72
096HK1015M0830	336	096P0201806M8	347	098A080EG	51	098AI060ZA	54
096HK1015M0840	336	096P0202004M4	347	098A080EG	51	098AI060ZS	53
096HK1015M0860	336	096P0202004M5	347	098A080K	47	098AI060ZSG	53
096HK1030M0620	336	096P0202004M6	347	098A080KB	48	098AI080ZA	54
096HK1030M0620E	337	096P0202006M5	347	098A080KBG	48	098AI080ZS	53
096HK1030M0625	336	096P0202006M6	347	098A080KBZ	48	098AI080ZSG	53
096HK1030M0625E	337	096P0202006M8	347	098A080KBZG	48	098AK125KBZ	56
096HK1030M0630	336	096P0221505M6	347	098A080KKG	47	098AK125KBZG	56
096HK1030M0630E	337	096P0251205M6	348	098A080ZBS	50	098AK175KBZ	56
096HK1030M0640	336	096P0251205M6	348	098A080ZBSG	50	098AK175KBZG	56
096HK1030M0660	336	096P0301808M8	348	098A080ZS	49	098AM12066E	59
096HK1030M0820	336	096P0302006M10	348	098A080ZSG	49	098AM12066M	58
096HK1030M0820E	337	096P0302505M8	348	098A100E	51	098AM12100E	59
096HK1030M0825	336	096P0302506M8	348	098A100EB	52	098AM12100M	58
096HK1030M0825E	337	096P0323008M8	348	098A100EBG	52	098AM12125E	59
096HK1030M0830	336	096P0353005M6	348	098A100EG	51	098AM12125M	58
096HK1030M0830E	337	096PR0191305M8	349	098A100K	47	098AM12150E	59
096HK1030M0840	336	096PR0201304M6	349	098A100KB	48	098AM12150M	58
096HK1030M0840E	337	096PR0231506M8	349	098A100KBG	48	098AM16066E	59
096HK1030M0860	336	096R080318Z	344	098A100KBZ	48	098AM16066M	58
096HK1030M0860E	337	096R080329Z	343	098A100KBZG	48	098AM16100E	59
096HK1030M0860E	337	096R080330Z	344	098A100KKG	47	098AM16100M	58
096HK1045M0820	336	096R080418Z	344	098A100ZBS	50	098AM16125E	59
096HK1045M0825	336	096R080429Z	343	098A100ZBSG	50	098AM16125M	58
096HK1045M0830	336	096R080430Z	344	098A100ZS	49		



## PART NUMBER INDEX

098AM16150E	59	098CM16150E	44	098D060K	16	098DA040K	25
098AM16150M	58	098CM16150M	43	098D060KG	16	098DA040KG	25
098AM16200E	59	098CM16200M	43	098D060KS04	17	098DA060K	26
098AM16200M	58	098CM20085E	44	098D060ZBS	21	098DA080K	27
098AM16250E	59	098CM20100E	44	098D060ZBSG	21	098DA080KG	27
098AM16250M	58	098CM20100M	43	098D060ZS	20	098DA080ZS	28
098AM20100E	59	098CM20125E	44	098D060ZSG	20	098DA080ZSG	28
098AM20100M	58	098CM20125M	43	098D080E	22	098DAG060	39
098AM20125E	59	098CM20150E	44	098D080EB	23	098DE060EG	24
098AM20125M	58	098CM20150M	43	098D080EBG	23	098DE080EG	24
098AM20150E	59	098CM20200E	44	098D080EG	22	098DE100EG	24
098AM20150M	58	098CM20200M	43	098D080K	16	098DG030	38
098AM20200E	59	098CM20250E	44	098D080KB	18	098DG040	38
098AM20200M	58	098CM20250M	43	098D080KBG	18	098DG040B	38
098AM20250E	59	098CM24100E	44	098D080KBS04	19	098DG045	38
098AM20250M	58	098CM24100M	43	098D080KBZ	18	098DG050	38
098AM24100M	58	098CM24150E	44	098D080KBZG	18	098DG060	38
098AM24150E	59	098CM24150M	43	098D080KBZS04	19	098DG060	45
098AM24150M	58	098CM24250E	44	098D080KG	16	098DG060B	38
098AM24200E	59	098CM30100E	44	098D080KS06	17	098DG060B	45
098AM24200M	58	098CM30100M	43	098D080ZBS	21	098DG080	38
098AM24300E	59	098CM30150E	44	098D080ZBSG	21	098DG080	45
098AM24300M	58	098CM30150M	43	098D080ZS	20	098DG080B	38
098AM30100M	58	098CM30200M	43	098D080ZSG	20	098DG080B	45
098AM30150E	59	098CM30250M	43	098D100E	22	098DG100B	38
098AM30150M	58	098D030E	22	098D100EB	23	098DG100B	45
098AM30200E	59	098D030EG	22	098D100EBG	23	098DG120B	38
098AM30200M	58	098D030K	16	098D100EG	22	098DG120B	45
098BI060ZS	30	098D030KG	16	098D100K	16	098DI060ZS	29
098BI060ZS	57	098D030KS04	17	098D100KB	18	098DI060ZSG	29
098BI080ZS	30	098D030ZS	20	098D100KBG	18	098DI080ZS	29
098BI080ZS	57	098D030ZSG	20	098D100KBS03	19	098DI080ZSG	29
098C060K	40	098D040E	22	098D100KBZ	18	098DM08025E	34
098C060KG	40	098D040EG	22	098D100KBZG	18	098DM08025M	32
098C080K	40	098D040K	16	098D100KBZS02	19	098DM08040E	34
098C080KB	41	098D040KG	16	098D100KG	16	098DM08040M	32
098C080KBG	41	098D040KS06	17	098D100KS03	17	098DM08080E	34
098C080KBZ	41	098D040ZS	20	098D100ZBS	21	098DM08080M	32
098C080KBZG	41	098D040ZSG	20	098D100ZBSG	21	098DM10045E	34
098C080KG	40	098D045E	22	098D100ZS	20	098DM10045M	32
098C100K	40	098D045EG	22	098D100ZSG	20	098DM10070E	34
098C100KB	41	098D045K	16	098D120E	22	098DM10070M	32
098C100KBG	41	098D045KG	16	098D120EB	23	098DM10090E	34
098C100KBZ	41	098D045KS03	17	098D120EBG	23	098DM10090M	32
098C100KBZG	41	098D045ZS	20	098D120EG	22	098DM10125E	34
098C100KG	40	098D045ZSG	20	098D120KB	18	098DM10125M	32
098CK125KBZ	42	098D050E	22	098D120KBG	18	098DM10150E	34
098CK125KBZG	42	098D050EG	22	098D120KBS03	19	098DM10150M	32
098CK175KBZ	42	098D050K	16	098D120KBZ	18	098DM12045E	34
098CK175KBZG	42	098D050KG	16	098D120KBZG	18	098DM12045M	32
098CM16066M	43	098D050KS04	17	098D120KBZS01	19	098DM12066E	34
098CM16100E	44	098D050ZS	20	098D120ZBS	21	098DM12066M	32
098CM16100M	43	098D050ZSG	20	098D120ZBSG	21	098DM12100E	34
098CM16125E	44	098D060E	22	098D120ZS	20	098DM12100M	32
098CM16125M	43	098D060EG	22	098D120ZSG	20	098DM12125E	34

## PART NUMBER INDEX

098DM12125M	32	098DU1/2-2M	35	098E040ZV	65	098EM16070E	68
098DM12150E	34	098DU1/2-3,5E	36	098E040ZVG	65	098EM16070M	67
098DM12150M	32	098DU1/2-3,5M	35	098E050E	66	098EM16100E	68
098DM14066E	34	098DU1/2-3E	36	098E050EG	66	098EM16100M	67
098DM14066M	32	098DU1/2-3M	35	098E050K	64	098EM16150E	68
098DM14100E	34	098DU1/2-4E	36	098E050KG	64	098EM16150M	67
098DM14100M	32	098DU1/2-4M	35	098E050ZS	65	098F075TN	145
098DM14125E	34	098DU1/2-5E	36	098E050ZSG	65	098F075TNESD	145
098DM14125M	32	098DU1/2-5M	35	098E050ZV	65	098F080A4045N	148
098DM14150E	34	098DU1/2-6E	36	098E050ZVG	65	098F080AN	147
098DM14150M	32	098DU1/2-6M	35	098EG030	69	098F080G4045N	148
098DM16066E	34	098DU1/4-1,5E	36	098EG040	69	098F080G4045NESD	148
098DM16066M	32	098DU1/4-1,5M	35	098EG050	69	098F080GN	146
098DM16100E	34	098DU3/4-4M	35	098EM08025E	68	098F080GNESD	147
098DM16100M	32	098DU3/4-6,5E	36	098EM08025M	67	098F080T4045N	148
098DM16125E	34	098DU3/4-6,5M	35	098EM08040E	68	098F080T4045NESD	148
098DM16125M	32	098DU3/4-6E	36	098EM08040M	67	098F080TN	146
098DM16150E	34	098DU3/4-6M	35	098EM08050E	68	098F080TNESD	146
098DM16150M	32	098DU3/4-8E	36	098EM08050M	67	098F080U4045N	148
098DM16200E	34	098DU3/4-8M	35	098EM08070E	68	098F080U4045NESD	148
098DM16200M	32	098DU3/4-9,5E	36	098EM08070M	67	098F080UN	146
098DM20085E	34	098DU3/4-9,5M	35	098EM08080E	68	098F080UNESD	146
098DM20085M	32	098DU3/8-1,5E	36	098EM08080M	67	098F100A4045N	148
098DM20100E	34	098DU3/8-1,5M	35	098EM08100E	68	098F100AN	147
098DM20100M	32	098DU3/8-2,5E	36	098EM08100M	67	098F100G4045N	148
098DM20125E	34	098DU3/8-2,5M	35	098EM08120E	68	098F100G4045NESD	148
098DM20125M	32	098DU3/8-2M	35	098EM08120M	67	098F100GN	146
098DM20150E	34	098DU3/8-3E	36	098EM10025E	68	098F100GNESD	147
098DM20150M	32	098DU3/8-3M	35	098EM10025M	67	098F100T4045N	148
098DM20200E	34	098DU3/8-4E	36	098EM10040E	68	098F100T4045NESD	148
098DM20200M	32	098DU3/8-4M	35	098EM10040M	67	098F100TN	146
098DM20250E	34	098DU3/8-6E	36	098EM10050E	68	098F100TNESD	146
098DM20250M	32	098DU3/8-6M	35	098EM10050M	67	098F100U4045N	148
098DM24085E	34	098DU5/16-1,5E	36	098EM10070E	68	098F100U4045NESD	148
098DM24085M	32	098DU5/16-1,5M	35	098EM10070M	67	098F100UN	146
098DM24100E	34	098DU5/16-2,5E	36	098EM10080E	68	098F100UNESD	146
098DM24100M	32	098DU5/16-2,5M	35	098EM10080M	67	098F125A4045N	148
098DM24125E	34	098DU5/16-3,5M	35	098EM10100E	68	098F125AN	147
098DM24125M	32	098DU5/8-3E	36	098EM10100M	67	098F125G4045N	148
098DM24150E	34	098DU5/8-5M	35	098EM10120E	68	098F125G4045NESD	148
098DM24150M	32	098DU5/8-6,5E	36	098EM10120M	67	098F125GN	147
098DM24200E	34	098DU5/8-6,5M	35	098EM12025M	67	098F125GNESD	147
098DM24200M	32	098DU5/8-6E	36	098EM12040M	67	098F125T4045N	148
098DM24250E	34	098DU5/8-6M	35	098EM12050E	68	098F125T4045NESD	148
098DM24250M	32	098E030E	66	098EM12050M	67	098F125TN	146
098DSW14M06E	37	098E030EG	66	098EM12070E	68	098F125TNESD	146
098DSW14M06M	37	098E030K	64	098EM12070M	67	098F125U4045N	148
098DSW14M08E	37	098E030KG	64	098EM12080M	67	098F125U4045NESD	148
098DSW14M08M	37	098E030ZV	65	098EM12100E	68	098F125UN	146
098DU1-6M	35	098E030ZVG	65	098EM12100M	67	098F125UNESD	146
098DU1/2-1,5E	36	098E040E	66	098EM12120E	68	098F16070A	73
098DU1/2-1,5M	35	098E040EG	66	098EM12120M	67	098F20090A	74
098DU1/2-2,5E	36	098E040K	64	098EM16040M	67	098F200AH129105	149
098DU1/2-2,5M	35	098E040KG	64	098EM16050E	68	098F200EH129105	149
098DU1/2-2E	36	098E040ZS	65	098EM16050M	67	098F200EH129105ESD	149

## PART NUMBER INDEX

098F200GH129105	149	098LF100GF134110	154	098S080TNESD	138	098S125TN	138
098F200UH129105	149	098LF100UF134110	154	098S080U4045N	141	098S125TNESD	138
098F200UH129105ESD	149	098LF100UF134110ESD	154	098S080U4045NESD	141	098S125U4045N	141
098FA40N08	147	098M020K	13	098S080UD4045N	142	098S125U4045NESD	141
098FA40N10	147	098M020KG	13	098S080UD4045NESD	142	098S125UD4045N	142
098FA45N10	147	098M025K	13	098S080UDN	139	098S125UD4045NESD	142
098FF080AF134110	156	098M025KG	13	098S080UDNESD	139	098S125UDN	139
098FF080EHF134110	156	098M030K	13	098S080UN	138	098S125UDNESD	139
098FF080EHF134110ESD	156	098M030KG	13	098S080UNESD	138	098S125UN	138
098FF080GF134110	156	098M040K	13	098S100A4045N	141	098S125UNESD	138
098FF080UF134110	156	098M040KG	13	098S100AD4045N	142	098S200AH129105	143
098FF080UF134110ESD	156	098MG020	15	098S100ADN	140	098S200AHD129105	144
098FF100AF134110	156	098MG025	15	098S100AN	138	098S200EH129105	143
098FF100EHF134110	156	098MG030	15	098S100G4045N	141	098S200EH129105ESD	143
098FF100EHF134110ESD	156	098MG040	15	098S100G4045NESD	141	098S200EHD129105	144
098FF100GF134110	156	098MM05020M	14	098S100GD4045N	142	098S200EHD129105ESD	144
098FF100UF134110	156	098MM05040M	14	098S100GD4045NESD	142	098S200GH129105	143
098FF100UF134110ESD	156	098MM05060M	14	098S100GDN	139	098S200GHD129105	144
098G38150A	126	098MM06020M	14	098S100GDNESD	140	098S200UH129105	143
098G40150A	126	098MM06040M	14	098S100GN	138	098S200UH129105ESD	143
098G4080L85168A	132	098MM06060M	14	098S100GNESD	138	098S200UHD129105	144
098G40L110VS01	130	098MM06080M	14	098S100T4045N	141	098S200UHD129105ESD	144
098G40L85128A	131	098MM08020M	14	098S100T4045NESD	141	098SA170T4080S01	150
098G45150A	126	098MM08040M	14	098S100TD4045N	142	098SA40N08	140
098G4560X120A	128	098MM08060M	14	098S100TD4045NESD	142	098SA40N10	140
098G4560X135A	133	098MM08080M	14	098S100TDN	139	098SA45N10	140
098G4590X150A	129	098MM08100M	14	098S100TDNESD	139	098T020KGN05	79
098G45L110VS01	130	098MM10020M	14	098S100TN	138	098T020KGN06	79
098H300606	78	098MM10040M	14	098S100TNESD	138	098T030KGN06	79
098H300808	78	098MM10060M	14	098S100U4045N	141	098T030KGN08	79
098H350808	78	098MM10080M	14	098S100U4045NESD	141	098T040KGN08	79
098H400808	78	098MM10100M	14	098S100UD4045N	142	098T040KGN08S01	79
098H401008	78	098S075TDN	137	098S100UD4045NESD	142	098T040KGN10	79
098H450808	78	098S075TDNESD	137	098S100UDN	139	098V301508	80
098H451008	78	098S075TN	136	098S100UDNESD	139	098V301510	80
098H501008	78	098S075TNESD	136	098S100UN	138	098V301512	80
098K125KBZ	70	098S080A4045N	141	098S100UNESD	138	098V301514	80
098K125KBZG	70	098S080AD4045N	142	098S125A4045N	141	098V301516	80
098K175KBZ	70	098S080ADN	140	098S125AD4045N	142	098V302008	80
098KM16200M	71	098S080AN	138	098S125ADN	140	098V302010	80
098KM20150M	71	098S080G4045N	141	098S125AN	138	098V302012	80
098KM20200M	71	098S080G4045NESD	141	098S125G4045N	141	098V302014	80
098KM30150M	71	098S080GD4045N	142	098S125G4045NESD	141	098V302016	80
098LF050AF46S01	159	098S080GD4045NESD	142	098S125GD4045N	142	098V401508	81
098LF062AF110110	160	098S080GDN	139	098S125GD4045NESD	142	098V401510	81
098LF062AF65S01	159	098S080GDNESD	140	098S125GDN	139	098V401512	81
098LF080AF134110	154	098S080GN	138	098S125GDNESD	140	098V401514	81
098LF080EHF134110	154	098S080GNESD	138	098S125GN	138	098V401516	81
098LF080EHF134110ESD	154	098S080T4045N	141	098S125GNESD	138	098V401520	81
098LF080GF134110	154	098S080T4045NESD	141	098S125T4045N	141	098V402008	81
098LF080UF134110	154	098S080TD4045N	142	098S125T4045NESD	141	098V402010	81
098LF080UF134110ESD	154	098S080TD4045NESD	142	098S125TD4045N	142	098V402012	81
098LF100AF134110	154	098S080TDN	139	098S125TD4045NESD	142	098V402014	81
098LF100EHF134110	154	098S080TDNESD	139	098S125TDN	139	098V402016	81
098LF100EHF134110ESD	154	098S080TN	138	098S125TDNESD	139	098V402020	81

## PART NUMBER INDEX

098V402508	81	098V604020	83	099B08110790S01	481	099EA40401012RS01	495
098V402510	81	098VR300006	1092	099B0811S01	488	099EA40401012RS02	497
098V402512	81	098VR300008	1092	099B0811S02	487	099EA45451012A	495
098V402516	81	098VR300010	1092	099B0811S03	485	099EA45451012AS01	495
098V402520	81	098VR301008	84	099B0811S04	486	099EA45451012R	495
098V403008	81	098VR301010	84	099B081408	484	099EA45451012RS01	495
098V403010	81	098VR301012	84	099B081408S01	484	099EA45451012RS02	497
098V403012	81	098VR301016	84	099B081511	489	099F0520M05	522
098V403014	81	098VR302008	84	099B081511S	489	099F0630M06	522
098V403016	81	098VR302010	84	099B081511W	489	099F0840KM08	523
098V403020	81	098VR302012	84	099B10101000	483	099F0840M08	522
098V404008	81	098VR302016	84	099B10101090	483	099F0840M08E	522
098V404010	81	098VR302508	84	099B101710	482	099F0840S07	522
098V404012	81	098VR381510	85	099B10171000	481	099F0840SM08	524
098V404014	81	098VR381512	85	099B10171090	481	099F0840SM08S01	525
098V404016	81	098VR381516	85	099B1017S01	488	099F0840SS07	524
098V404020	81	098VR421510	86	099B1017S02	487	099F1045S11	526
098V501510	82	098VR421512	86	099BG081429	621	099F1045S13	526
098V501512	82	098VR421516	86	099BG100810180	623	099G051	507
098V501516	82	098VR421520	86	099BG10081090	622	099G051E	508
098V501520	82	098VR422010	86	099C1001	479	099G051M4	512
098V502008	82	098VR422510	86	099C301	475	099G061	507
098V502010	82	098VR422512	86	099C303	476	099G061E	508
098V502012	82	098VR481512	87	099C401	479	099G061M5	512
098V502014	82	098VR481516	87	099C403	477	099G061M5E	513
098V502016	82	098VR482012	87	099C404	478	099G081	507
098V502020	82	098VR482512	87	099C451	479	099G081D40	511
098V502510	82	098VR482516	87	099C501	479	099G081D40ESD	511
098V502512	82	098VR482520	87	099C601	479	099G081D80	511
098V502514	82	098VR511512	88	099C801	479	099G081D80ESD	511
098V502516	82	098VR511516	88	099C802	477	099G081E	508
098V502520	82	098VR511520	88	099C901	479	099G081M6	512
098V503010	82	098VR512516	88	099D0830M0515	519	099G081M6E	513
098V503012	82			099D0840M0530	520	099G084	507
098V503014	82	<b>099</b>		099D1045M0617	521	099G084M5	512
098V503016	82	099A0520	501	099D1045M0630	521	099G086	507
098V503020	82	099A0520S01	501	099DC084040N08	627	099G102	507
098V504010	82	099A0520S02	505	099DC084045N10	628	099G102M6	512
098V504012	82	099A0630	501	099E40400808AS01	500	099G103	507
098V504016	82	099A0630S01	501	099E40400808K	499	099G103M6	512
098V504020	82	099A0630S03	505	099E40400808RS01	500	099G121	507
098V602010	83	099A0830	501	099E40800808RS01	500	099GA081K	514
098V602012	83	099A0830S01	501	099E40800808RS02	500	099GA085K	515
098V602014	83	099A0840	501	099E45451012A	498	099GS051	507
098V602016	83	099A0840E	501	099E45451012R	498	099GS051E	508
098V602020	83	099A0840ES01	501	099EA30300808A	495	099GS051M4	512
098V603010	83	099A0840S01	501	099EA30300808AS01	495	099GS061	507
098V603012	83	099A0840S02	505	099EA30300808AS02	497	099GS061E	508
098V603014	83	099A0840W45	624	099EA30300808R	495	099GS061M5	512
098V603016	83	099A1045	506	099EA30300808RS01	495	099GS061M5E	513
098V603020	83	099A1045S03	506	099EA30300808RS02	497	099GS081	507
098V604010	83	099B060805	480	099EA40401012A	495	099GS081E	508
098V604012	83	099B08110700	481	099EA40401012AS01	495	099GS081M6	512
098V604014	83	099B08110700S01	481	099EA40401012AS02	497	099GS081M6E	513
098V604016	83	099B08110790	481	099EA40401012R	495	099GS084	507

## PART NUMBER INDEX

099GS084M5	512	099RV2890LS01	1041	340ME567	824	6APR28F911.6000	847
099GS086	507	099RV2890LS03	1042	340ME571	824	6FA40ND40L695N08	712
099GS102	507	099RV2890QS01	1047	340ME575	823	6FA40ND80H695N08	716
099GS102M6	512	099RV28AS01	1040	340ME8200KL	1060	6FA40ND80M695N08	714
099GS103	507	099RV28AS02	1040			6FA40NH370S40N08	708
099GS103M6	512	099RV28CC01	1069	<b>4DIN</b>		6FA40NL370S40N08	706
099GS121	507	099RV28CC02	1069	4DIN439BM10E	76	6FA80NH370S80N08	710
099GV0845	625	099RV28ES01	1052	4DIN439BM10M	76	6FDG40ND40L695N08	712
099GV0890	626	099RV28H	1062	4DIN439BM12E	76	6FDG40ND80H695N08	716
099GV1045	625	099RV28KS01	1049	4DIN439BM12M	76	6FDG40ND80M695N08	714
099GV1090	626	099RV28KS02	1050	4DIN439BM14E	76	6FDG40NH370S40N08	708
099H052	516	099RV28KS04	1051	4DIN439BM14M	76	6FDG40NL370S40N08	706
099H054D20	518	099RV28KS05	1045	4DIN439BM16E	76	6FDG80NH370S80N08	710
099H061	516	099RV28PS01	1043	4DIN439BM16M	76	6FG40ND40L695N08	712
099H062	516	099RV28TS01	1056	4DIN439BM20E	76	6FG40ND80H695N08	716
099H081	516	099RV28TWS01	1057	4DIN439BM20M	76	6FG40ND80M695N08	714
099H081L	516	099RV28XS01	1048	4DIN439BM24E	76	6FG40NH370S40N08	708
099H082	516	099RV30180S	1105	4DIN439BM24M	76	6FG40NL370S40N08	706
099H083	516	099RV3045S01	1099	4DIN439BM30E	76	6FG80NH370S80N08	710
099H084	516	099RV3090LS01	1093	4DIN439BM30M	76	6FMVND40L695N08	712
099H085	516	099RV3090LS02	1094	4DIN439BM5E	76	6FMVND80M695N08	714
099H085D40	518	099RV3090QS01	1096	4DIN439BM5M	76	6FMVNH370S40N08	708
099H085D80	518	099RV3090QS02	1107	4DIN439BM6E	76	6FMVNL370S40N08	706
099H085E	517	099RV30CC01	1069	4DIN439BM6M	76	6IPR1591ESD.4000S01	836
099H085ESD	516	099RV30CC02	1069	4DIN439BM8E	76	6MHM75100D40	695
099H085L	516	099RV30CC03	1090	4DIN439BM8M	76	6MHM75100D40S09	695
099H086	516	099RV30CC05	1069	4DIN6923M06E	338	6MHM75100S40	693
099H087	516	099RV30CC06	1091	4DIN6923M06M	338	6MHM75100S40IT	688
099H087D30	518	099RV30CC07	1091	4DIN6923M08ES02	338	6MHM75100S40S03	693
099H087D60	518	099RV30ES01	1095	4DIN7991M0416M	997	6SACP3J316B.2000	782
099H101	516	099RV30H	1108	4DIN934M10E	77	6SACP3J316B.4000	782
099H102	516	099RV30HS01	1102	4DIN934M10M	77	6SACP5J516B.2000	783
099H103	516	099RV30KS03	1103	4DIN934M12E	77	6SACP5J516B.4000	783
099H104	516	099RV30KS04	1101	4DIN934M12M	77	6SAKP3J316BS01	784
099H104ESD	516	099RV30PS02	1098	4DIN934M14E	77	6SAME4J316B.2000	781
099I9006	527	099RV30TW	1106	4DIN934M14M	77	6SAME4J316B.4000	781
099I9008	528	099RV30XS01	1100	4DIN934M16E	77	6SBEU04I.264	771
099I9008M	528	099RVAP40S01	1053	4DIN934M16M	77	6SBEU04IE.264	771
099I9010	528	099RVAP45S01	1053	4DIN934M20E	77	6SBEU14DI.317	773
099I9010M	528	099SV45	553	4DIN934M20M	77	6SBEU14DIE.317	773
099I90R06	529			4DIN934M24E	77	6SBEU14UI.370	775
099I90R06M	529	<b>12</b>		4DIN934M24M	77	6SBEU24DI.370	777
099I90R08	529	12093B65	637	4DIN934M30E	77	6SBEU24DIE.370	777
099I90R08M	529	12117B85	637	4DIN934M30M	77	6SBEU24I.370	779
099I90R10	529	12132B85	637	4DIN934M5E	77	6SBEU24IE.370	779
099I90R10M	529	12179B85	637	4DIN934M5M	77	6SHM75100S40IF	692
099J08M08	533	<b>34</b>		4DIN934M6E	77	6SL0040I.953	768
099J08M08S03	532	340ME110	1025	4DIN934M6M	77	6SL0040IE.953	768
099J08S07	532	340ME111	1025	4DIN934M8E	77	6SL1040DI.476	766
099J08S08	533	340ME112	1025	4DIN934M8M	77	6SL1040DI.953	770
099J08S08S03	534	340ME154	338			6SL1040DIE.476	766
099J10M12	535	340ME201	89	<b>6</b>		6SL1040DIE.953	770
099J10S12	535	340ME467	463	6APR2891B.6000	846	6T40Q5040ESDS01	744
099RV28180S01	1044	340ME566	824	6APR2891BESD.6000	846	6TD283PT74	1088
099RV2845S01	1046			6APR2891I.6000	846	6TD283PT91	1088

## ALPHABETICAL INDEX

6TD283Q5040ESDS01	1085	6TM840NV12591S01	742
6TH24074NA3040S01	733	6TM840NX2030S01	743
6TH24074NA4060S01	735	6TM8D283D100S01	1082
6TH24074NA5020S01	730	6TM8D283F91ESDS01	1087
6TH24074NA8020S01	734	6TM8D283L12574S01	1086
6TH24074NA903091S01	731	6TM8D283L12591S01	1086
6TH24074NA9030S01	732	6TM8D283V12591ESDS01	1083
6TH24074ND80S01	736	6TM8D283X2030S01	1084
6TH24074NG5050S01	739	6XPH2672.2000	841
6TH24074NR3091S01	737	6XPH2691ESD.2000	841
6TH24074NR4091S01	738	6XPR2872.2000	839
6TH240NA3040ESDS01	733	6XPR2891ESD.2000	839
6TH240NA3040S01	733	6XPR28F72.2000	840
6TH240NA4060ESDS01	735	6XPR28F91ESD.2000	840
6TH240NA4060S01	735		
6TH240NA5020ESDS01	730	<b>9</b>	
6TH240NA5020S01	730	9AB045M12085MN	62
6TH240NA8020ESDS01	734	9AB045M12160MN	62
6TH240NA8020S01	734	9AB045M16145MN	62
6TH240NA903091S01	731	9AB060M12085MN	62
6TH240NA9030S01	732	9AB090M16085MN	62
6TH240ND80ESDS01	736	9AB090M16145MN	62
6TH240ND80S01	736	9AB090M16200MN	62
6TH240NG5050ESDS01	739	9F16070A16100M	75
6TH240NG5050S01	739	9F16070A16150M	75
6TH240NR3091S01	737	9F16070A16300M	75
6TH240NR4091S01	738	9F20090A20150M	75
6TH2D283A3040ESDS01	1075		
6TH2D283A4060ESDS01	1077		
6TH2D283A5020ESDS01	1072		
6TH2D283A8020ESDS01	1076		
6TH2D283A903091S01	1073		
6TH2D283A9030ESDS01	1074		
6TH2D283D80ESDS01	1078		
6TH2D283G5050ESDS01	1081		
6TH2D283R3091S01	1079		
6TH2D283R4091S01	1080		
6THAPP097N	701		
6THAPP105AIR	701		
6THAPP110PRO	701		
6THM20	702		
6THMIC100GO	701		
6THSAM101A7	701		
6THSAM105N	701		
6THSAM105S4	701		
6TM84074ND100S01	740		
6TM840ND100S01	740		
6TM840NF74S01	746		
6TM840NF91ESDS01	746		
6TM840NF91S01	746		
6TM840NL12574S01	745		
6TM840NL12591S01	745		
6TM840NPT74	741		
6TM840NPT91	741		
6TM840NV12591ESDS01	742		

## ALPHABETICAL INDEX

<b>3</b>			
3-way Connection Angle 38 - 1.5"	439	Aluminum Die-cast Combi Hinge 40, Detachable, Alu Color	210
3-way Connection Angle B 20	429	Aluminum Die-cast Combi Hinge 40, Non-detachable, Alu Color	211
3-way Connection Angle B 30	436	Aluminum Die-cast Combi Hinge 45, Detachable, Alu Color	212
3-way Connection Angle B 40	446	Aluminum Die-cast Combi Hinge 45, Non-detachable, Alu Color	213
3-way Connection Angle B 45	449	Aluminum Die-cast Combi Hinge 50, Detachable, Alu Color	214
3-way Connection Angle I 20	426	Aluminum Die-cast Combi Hinge 50, Non-detachable, Alu Color	215
3-way Connection Angle I 30	432	Aluminum Die-cast Combi Hinge 60, Detachable, Alu Color	216
3-way Connection Angle I 40	442	Aluminum Die-cast Combi Hinge 60, Non- detachable, Alu Color	217
<b>A</b>		Aluminum Die-cast Hinge 45	219
Adapter Piece D28 - 40 M8 (Set)	1054	Aluminum Hinge 40 Light	222
Adapter Plate 40 Height Adjustable	700	Alu Support Bracket 40 x 160	400
Adapter Plate D28 (Set)	1053	Alu Support Bracket 80 x 160	401
Adhesive Clip Slot 8 - 4.5	719	Alu Support Bracket 80 x 180	402
Adhesive Clip Slot 10 - 6.0	720	Angle Block 40/45 (Set)	932
Adjustable Friction Joint B40L for System Arm (Set)	590	Angle Bracket for Ball Catch 30	671
Adjustable Friction Joint I40L for System Arm (Set)	589	Angle Bracket for Ball Catch 30 / Safety Switch AZ 16	672
Adjustable Leveling Foot	78	Angle Bracket for Magnetic Catch 30	668
Alu Connection Angle 20	381	Angle Connector 2D28 (Set)	1047
Alu Connection Angle 20 x 40	382	Angle Connector 2D30 (Set)	1096
Alu Connection Angle 30	383	Angle Connector 20, 45°	537
Alu Connection Angle 30 x 60	385	Angle Connector 25 - 1", 45°	539
Alu Connection Angle 40	386	Angle Connector 30, 45°	540
Alu Connection Angle 40 x 80	389	Angle Connector 38 - 1.5", 45°	543
Alu Connection Angle 40 x 80 x 160 (Set)	390	Angle Connector 40, 45°	545
Alu Connection Angle 43 x 42	395	Angle Connector 40 x 20, 45°	538
Alu Connection Angle 45	392	Angle Connector 40 x 80, 45°	547
Alu Connection Angle 45 T	393	Angle Connector 45, 45°	550
Alu Connection Angle 45 x 90	396	Angle Connector 60 x 30, 45°	541
Alu Connection Angle 60	397	Angle Connector 76 x 38 - 3" x 1.5", 45°	544
Alu Connection Angle 80	398	Angle Connector 80 x 40, 45°	548
Alu Connection Angle 90	399	Angle Connector 90 x 45, 45°	551
Alu Connection Angle B45 M Length/Cross (Set)	394	Angle Connector B 30, 45°	542
Alu Connection Angle I40 M Length/Cross (Set)	388	Angle Connector B 40, 45° (Set)	549
Alu Connection Angle I40 M (Set)	387	Angle Connector B 45, 45°	552
Alu Connection Angle I40 x 80 M (Set)	391	Angle Connector D28, 45° (Set)	1046
Aluminum Die-Cast Combi Hinge 20, Non-detachable, Alu color	202	Angle Connector D30, 45° (Set)	1099
Aluminum Die-cast Combi Hinge 25, Detachable, Alu Color	203	Angle Connector I 40, 45° (Set)	546
Aluminum Die-cast Combi Hinge 25, Non-detachable, Alu Color	204	Angle Locking Bracket 40 x 80 (Set)	614
Aluminum Die-cast Combi Hinge 30, Detachable, Alu Color	205	Anti-loss Washer	1032
Aluminum Die-cast Combi Hinge 30, Non-detachable, Alu Color	206	Anti-slip Plate for Bell Feet	63
Aluminum Die-cast Combi Hinge 35, Detachable, Alu Color	207	Anti-slip Plate for ECO Feet	69
Aluminum Die-cast Combi Hinge 35, Non-detachable, Alu Color	208	Anti-slip Plate for Extended Swivel Feet 60 PA, Ball Joint 15	39
Aluminum Die-cast Combi Hinge 38 - 1.5", Non-detachable, Alu Color	209	Anti-slip Plate for Heavy-duty Fixed Feet	72
		Anti-slip Plate for Heavy-duty Pivot Feet	61
		Anti-slip Plate for Heavy-duty Swivel Feet, Ball Joint 22	46
		Anti-slip Plate for Pivot Feet	60
		Anti-slip Plate for Swivel Feet, Ball Joint 10	15
		Anti-slip Plate for Swivel Feet, Ball Joint 15	38
		Anti-slip Plate for Swivel Feet, Ball Joint 22	45
		Automatic Butt Connector Stainless Steel	513
		Automatic Butt Connector Steel	512
		Automatic Connector Stainless Steel	508
		Automatic Connector Steel	507
		Automatic Double Connector I, Slot 8 (Set)	511
		Axle for AL Roller Tracks	864
		<b>B</b>	
		Backstop Unit AL	872
		Bag Cutter FX for Profiles 40 / 45, Slot 8 / 10	746
		Bag Cutter FX for Tubes D28 / D30	1087
		Ball Catch 30	669
		Ball Insert D24	869
		Ball Joint with Female Thread for Swivel Feet, Ball Joint 15	37
		Ball Unit	859
		Base for Duck Feet M16	73
		Base for Duck Feet M20	74
		Base for Sealed Swivel Feet, Ball Joint 15	24
		Base PA BDH for Heavy-duty Pivot Feet	56
		Base PA BDH for Heavy-duty Swivel Feet, Ball Joint 22	42
		Base PA BDH for Pivot Feet	48
		Base PA BDH for Swivel Feet, Ball Joint 15, Black	18
		Base PA BDH for Swivel Feet, Ball Joint 15, Gray	19
		Base PA BDH for Swivel Feet, Ball Joint 22	41
		Base PA for ECO Feet	64
		Base PA for Heavy-duty Fixed Feet	70
		Base PA for Pivot Feet	47
		Base PA for Swivel Feet, Ball Joint 10	13
		Base PA for Swivel Feet, Ball Joint 15, Black	16
		Base PA for Swivel Feet, Ball Joint 15, Gray	17
		Base PA for Swivel Feet, Ball Joint 22	40
		Base SS BDH for Pivot Feet	52
		Base SS BDH for Swivel Feet, Ball Joint 15	23
		Base SS for ECO Feet	66
		Base SS for Pivot Feet	51
		Base SS for Swivel Feet, Ball Joint 15	22
		Base ZN BDH for Pivot Feet	50
		Base ZN BDH for Swivel Feet, Ball Joint 15	21
		Base ZN for ECO Feet	65
		Base ZN for Pivot Feet	49
		Base ZN for Swivel Feet, Ball Joint 15	20
		Bearing block for support roller I D32 (Set)	881
		Bearing for Support Roller I D32	882
		Bearing for Support Roller I D50	883
		Bearing Kit 1 Roller Shaft Ø 14 for C-slide Profile I (Set)	813

## ALPHABETICAL INDEX

Bearing Kit 3 Rollers Shaft Ø 14 for C-slide Profile I (Set)	814	Clamping Angle I 30 with Locking Lever, Slot 6	607	Connection Plate ST Rectangular 4 Hole, 1 Slot Version	372
Bearing Kit PA 1 Roller Slot Ø 14 for C-slide Profile I (Set)	812	Clamping Angle I 40, Slot 8	608	Corner Connector 2D28 (Set)	1052
Bearing Unit 1 Roller Centric Shaft Ø 14	828	Clamping Angle I 40 with Locking Lever, Slot 8	609	Corner Connector 2D30 (Set)	1095
Bearing Unit 1 Roller Eccentric Shaft Ø 14	827	Clamping Spring for Clamp Profil 18 x 32	955	Corner Connector 40, 2D with Cable Passage (Set)	454
Bearing Unit 1 Roller Shaft Ø 14 for C-Rail-Profile I	810	Clamping Spring for Protective Fence Profiles 30 x 30 WG	956	Corner Connector 40, 3D with Cable Passage (Set)	455
Bearing Unit 3 Rollers Shaft Ø 14 for C-Rail-Profile I	811	Clamp Profile Connector 40 (Set)	889	Corner Connector 45, 2D with Cable Passage (Set)	456
Bearing Unit PA 1 Roller for C-Rail-Profile I Slot Ø 14	809	Clip 8	1005	Corner Connector 45, 3D with Cable Passage (Set)	457
Bell Feet	62	Clip Block 13, Black	923	Corner Connector for Glass Panel Clamp (Set)	958
Bolt Connector I, Slot 8	477	Clip Block 13, Gray	924	Corner Protection Profile 40, Slot 8	980
Bolt Connector I, Slot 8, Single Side	478	Clip Block 14, Black	925	Cover and Reduction Profile B Slot 6	935
Bolt Connector, Slot 8 / D=8.2	475	Clip Block 14, Gray	926	Cover and Reduction Profile B Slot 6	965
Bolt Connector, Slot 8 / D=11	476	Clip Block 14 SL	927	Cover and Reduction Profile B Slot 8	938
Bolt Connector, Slot 10	479	Clip Cable Binder - 1 chamber - with Hammer	1017	Cover and Reduction Profile B Slot 8	969
Bottle Holder FX for Profiles 40 / 45, Slot 8 / 10	740	Clip Cable Binder - 2 chambers	1012	Cover and Reduction Profile B Slot 10 deep	944
Bottle Holder FX for Tubes D28 / D30	1082	Clip Cable Binder - 2 chambers - with Hammer	1016	Cover and Reduction Profile B Slot 10 deep	976
Bracing Plate 90°	115	Cloth Clip FX for Profiles 40 / 45, Slot 8 / 10	739	Cover and Reduction Profile B Slot 10 flat	943
Brake H26	874	Cloth Clip FX for Tubes D28 / D30	1081	Cover and Reduction Profile B Slot 10 flat	975
Brake R28	873	Comfort Handle	644	Cover and Reduction Profile I Slot 5	934
Bridge Handle 122	635	Concealed Hinge Component	223	Cover and Reduction Profile I Slot 5	964
Bridge Handle 152	636	Conduit Profile PVC	1021	Cover and Reduction Profile I Slot 6	936
Bridge Handle B	640	Connecting Screw B	494	Cover and Reduction Profile I Slot 6	966
Bridge Handle with Cover Cap	637	Connecting Strip 50 B, Slot 8	618	Cover and Reduction Profile I Slot 8	937
Broom Holder FLEX FX 20 - 30 for Profiles 40 / 45, Slot 8 / 10	743	Connecting Strip 140 I, Nut 8	616	Cover and Reduction Profile I Slot 8	968
Broom Holder FLEX FX 20 - 30 for Tubes D28 / D30	1084	Connecting Strip 180 B, Slot 8	619	Cover and Reduction Profile M45 Slot 8	939
Brush Insert D24	870	Connecting Strip 180 B, Slot 10 (Set)	620	Cover and Reduction Profile M45 Slot 8	970
Brush Unit	860	Connecting Strip 180 I, Slot 8	617	Cover Cap A 3-way Connection Angle B 30	437
<b>C</b>		Connection Angle AL 2 Hole, 1 Slot Version	374	Cover Cap A 3-way Connection Angle B 40	447
Cable Binder Block	1014	Connection Angle AL 4 Hole, 1 Slot Version	376	Cover Cap A 3-way Connection Angle B 45	450
Cage for Ball / Brush Insert D24	871	Connection Angle AL 4 Hole, 2 Slots Version	377	Cover Cap A 3-way Connection Angle I 20	427
Cage for Rollers H26	866	Connection Angle AL 8 Hole, 2 Slots Version	378	Cover Cap A 3-way Connection Angle I 30	433
Cage for Rollers R9	867	Connection Cable GST15i5 for Module F Line	783	Cover Cap A 3-way Connection Angle I 40	443
Cage for Rollers R28	865	Connection Cable GST18i3 for Module F Line	782	Cover Cap A for 3-way Connection Angle B 20	430
Centering Bolt for Aluminum Die-Cast Combi Hinge	218	Connection Coupling GST18i3 for Module F Line (Set)	784	Cover Cap B 3-way Connection Angle B 20	430
Central Butt Connector B 180° +/-45°	488	Connection Plate AL L 5 Hole, 1 Slot Version	364	Cover Cap B 3-way Connection Angle B 30	438
Central Butt Connector I 180° +/-45°	486	Connection Plate AL L 12 Hole, 2 Slots Version	365	Cover Cap B 3-way Connection Angle B 40	448
Central Connector B 90° +/-45°	487	Connection Plate AL Quadrangular 4 Hole, 1 Slot Version	362	Cover Cap B 3-way Connection Angle B 45	451
Central Connector B, Bush 9.8 / Slot 10	483	Connection Plate AL Rectangular 2 Hole, 1 Slot Version	360	Cover Cap B 3-way Connection Angle I 20	428
Central Connector B, Slot 6	480	Connection Plate AL Rectangular 4 Hole, 1 Slot Version	361	Cover Cap B 3-way Connection Angle I 30	434
Central Connector B, Slot 8 and Slot 10	481	Connection Plate AL Rectangular 8 Hole, 2 Slots Version	363	Cover Cap B 3-way Connection Angle I 40	444
Central Connector B Universal, Slot 10	482	Connection Plate AL T 5 Hole, 1 Slot Version	366	Cover Cap B for 3-way Connection Angle B 20	431
Central Connector Bush 15, Slot 8	489	Connection Plate AL T 12 Hole, 2 Slots Version	367	Cover Cap C 3-way Connection Angle I 30	435
Central Connector I 90° +/-45°	485	Connection Plate I40 M Length/Cross, Rectangular 2 Hole, 1 Slot (Set)	368	Cover Cap C 3-way Connection Angle I 40	445
Central Connector I, Slot 8	484	Connection Plate I120 M (Set)	369	Cover Cap D 3-way Connection Angle 38 - 1.5"	441
Central Guide XST	845	Connection Plate ST 100	373	Cover Cap D20 for Automatic Connector I, Slot 8 N	515
Clamp Connector 45°	553	Connection Plate ST Rectangular 2 Hole, 1 Slot Version	370	Cover Cap D28 / D30	1069
Clamping Angle I 30, Slot 6	606	Connection Plate ST Rectangular 3 Hole, 1 Slot Version	371	Cover Cap for 20 mm Modular Dimension	984
				Cover Cap for 30 mm Modular Dimension	985
				Cover Cap for 40 mm Modular Dimension	987



## ALPHABETICAL INDEX

Cover Cap for 45 mm Modular Dimension	990
Cover Cap for 50 mm Modular Dimension	992
Cover Cap for 60 mm Modular Dimension	993
Cover Cap for Automatic Connector I, Slot 8	514
Cover Cap for Boreholes	1004
Cover Cap for Clamp Profile	994
Cover Cap for Comfort and System Handle (Set)	646
Cover Cap for Conduit Profile	999
Cover Cap for Corner Protection Profile 40	982
Cover Cap for Cover Profile	1003
Cover Cap for C-rail Profile I (Set)	1001
Cover Cap for C-slide Profile I (Set)	1002
Cover Cap for Frame Corner Connector 18 x 32	460
Cover Cap for Handle	639
Cover Cap for Machine Handle 135 (Set)	642
Cover Cap for Shelf Board AL 300 (Set)	755
Cover Cap for Side and Corner Protection Profile 40	981
Cover Cap for Suspension Profile	1000
Cover Cap for Tubular Frame Connectors D30	1091
Cover Cap for Wire Mesh Frame Profile	995
Cover Cap for Zinc Connection Angle I 40	409
Cover Cap GST18i3 for Module F Line	785
Cover Cap Screw-on Type	996
Cover Cap ZN Screw-on Type	998
Cover Profile AL Slot 10 - 6.0	974
Cover Profile EPDM	983
Cover Profile NBR	978
Cover Profile Slot 6 - 3.0	967
Cover Profile Slot 8 - 2.2	971
Cover Profile Slot 8 - 4.5	972
Cover Profile Slot 10 - 6.0	973
Cover Profile Slot 15	977
Cross Ball Connector D30 (Set)	1101
Cross Cable Binder Block	1015
Cross Cable Binder Block D28	1060
Cross Cable Binder Block D28 Universal	1061
Cross Cable Binder Block D30	1109
Cross Connector D28 (Set)	1048
Cross Connector D30 (Set)	1100
Cube Connector 20, 2D	464
Cube Connector 20, 3D	465
Cube Connector 25 - 1", 2D	466
Cube Connector 25 - 1", 3D	467
Cube Connector 30, 2D	468
Cube Connector 30, 3D	469
Cube Connector 40, 2D	470
Cube Connector 40, 3D	471
Cube Connector 45, 2D	472
Cube Connector 45, 3D	473
Cup Holder	721
Cutting Bush	1025
Cutting Bush with Shank	605
<b>D</b>	
Direct Connector I / B, Slot 8 / 10	628
Direct Connector I, Slot 8	627
Docking Clip I 60x24	838
Door Latch	676
Door Latch (Set)	673
Door Lock (Set)	664
Door Stop with EPDM Damper (Set)	677
Door Stop with Magnetic Catch (Set)	678
Double Ball Catch MS	675
Double Ball Catch PA	674
Double System Arm I40H 695 (Set)	713
Double System Arm I40L 695 (Set)	711
Double System Arm I80H 695 (Set)	715
Double T-slot Nut for Floor Mount Base	127
Double-T-slot Nut I Slot 8 for Double Adapter D30 (Set)	296
Drill / Driver Holder FX D50 for Profile 40 / 45, Slot 8 / 10	745
Drill / Driver Holder FX D50 for Tubes D28 / D30	1086
Duck Foot with Threaded Rod ST	75
<b>E</b>	
Electric Lift Caster	164
Emergency Opener for Slam Latch	663
End Friction Joint B45-B45L for System Arm (Set)	593
End Friction Joint I80L for System Arm (Set)	595
End Plate AL	849
Extended Base 40 PA for Swivel Feet, Ball Joint 15	25
Extended Base 60 PA for Swivel Feet, Ball Joint 15	26
Extended Base 80 PA for Swivel Feet, Ball Joint 15	27
Extended Base 80 ZN for Pivot Feet	55
Extended Base 80 ZN for Swivel Feet, Ball Joint 15	28
External Hinge Component	224
<b>F</b>	
Fastening Set for Handle AL 120	654
Fastening Set for Handle AL 200	655
Fixation Block 18, Black	917
Fixation Block 18, Gray	918
Fixation Block 25, Black	919
Fixation Block 25, Gray	920
Fixed Caster Ø 75	145
Fixed Caster Ø 80 / 100 / 125	146
Fixed Caster Ø 80 / 100 / 125 with Mounting Plate 40 / 45	148
Fixed Caster with Lifting Foot	155
Flange Nut	338
Floor Bracket AL 30	118
Floor Bracket AL 45	119
Floor Bracket AL 140, 1 Slot Version	116
Floor Bracket AL 140, 2 Slots Version	117
Floor Bracket ST 160	125
Floor Bracket ST 200	124
Floor Bracket ZN 120	120
Floor Bracket ZN 120, Adjustable (Set)	121
Floor Bracket ZN 160	122
Floor Bracket ZN 160, Adjustable (Set)	123
Floor Mount Base	126
Floor Mounting for Base of Trapezoid Foot	30
Floor Mounting for Base of Trapezoid Foot	57
Folding Door Element (Set)	804
Foot Console 45 / 60 - 120	128
Foot Console 45 / 90 - 150	129
Foot Console ST 40 / 45 - 110	130
Foot Plate 45 / 60 / 90 - 135	133
Frame Corner Connector 18 x 32 for Clamp Profile (Set)	459
Frame Corner Connector 20 x 40 (Set)	461
Frame Corner Connector 22.5 x 45 (Set)	462
Frame Corner Connector Plate	458
Friction Joint B40L for System Arm (Set)	592
Friction Joint B45L for System Arm (Set)	600
Friction Joint B80H for System Arm (Set)	598
Friction Joint B80L for System Arm (Set)	596
Friction Joint B90H for System Arm (Set)	604
Friction Joint B90L for System Arm (Set)	602
Friction Joint I40L for System Arm (Set)	586
Friction Joint I80H for System Arm (Set)	597
Friction Joint I80L for System Arm (Set)	594
Friction Joint M45L for System Arm (Set)	599
Friction Joint M90H for System Arm (Set)	603
Friction Joint M90L for System Arm (Set)	601
Front Handle	634
<b>G</b>	
Glass Panel Clamp (Set)	957
Glazing Strip for Insert Profile I AL	942
Grab Container 110 / 210 x 105 x 40	750
Grab Container 110 x 210 x 40 (Set)	751
Grab Tray 105 x 130 x 50 for Profil Slot (Set)	748
Grab Tray 105 x 130 x 50 for Suspension Profile (Set)	749
Grounding Connector (Set)	1027
Grounding Terminal for T-slot	1029
Gusseted Connection Angle AL 2 Hole, 1 Slot Version	375
<b>H</b>	
Hammer Head Screw Slot 8	335
Hammer Head Screw Slot 10	336
Hammer Nut PA Slot 8	332
Hammer Nut Slot 6	328
Hammer Nut Slot 8, Step Height 1.0 mm	329
Hammer Nut Slot 8, Step Height 1.5/3.0 mm	330
Hammer Nut Slot 8 with Turning Help,	

## ALPHABETICAL INDEX

Step Height 1.5/3.0 mm	331	Locking Lever for Adjustable Friction Joint (Set)	591	<b>O</b>	
Hammer Nut Slot 10	333			Outer Ball Butt Connector D28 (Set)	1050
Hammer Nut Slot 10 with Turning Help	334	<b>M</b>		Outer Ball Butt Connector D30 (Set)	1103
Handle	638	Machine Handle 135	641	Outer Ball Connector D28 (Set)	1049
Handle AL 120	650	Machine Handle 240	643	Outer T-Connector D28 (Set)	1041
Handle AL 120 bended	652	Magnet for Tablet Mount FRAME (Set)	702	Outer T-Connector D30 (Set)	1093
Handle AL 200	651	Magnetic Catch 20 (Set)	666	Outer T-connector D30 - Slot 8 (Set)	1094
Handle AL 200 bended	653	Magnetic Catch 30 (Set)	667		
Hanger 6-8 (Set)	894	Magnetic Catch Handle Compact	665	<b>P</b>	
Heavy Aluminum Hinge (Set)	221	Magnetic Holder I, Slot 8	727	Packing Tape Hand Dispenser Holder	
Heavy-duty Fixed Caster Ø 200 with		Magnifying Lamp D160 with Jointed Arm (Set)	759	FX for Profile 40 / 45, Slot 8 / 10	741
Mounting Plate 40 / 45	149	Main Power Cable GST18i3 for Module F Line	781	Packing Tape Hand Dispenser Holder	
Heavy-duty Hinge	220	Metal Hinge 2D, Adjustable in Two Directions	239	FX for Tubes D28 / D30	1088
Heavy-duty Plastic Hinge 30, Black	198	Metal Hinge 2D, only Adjustable Horizontally	241	Panel Clip D30	1105
Heavy-duty Plastic Hinge 40, Black	199	Metal Hinge 2D, only Adjustable Vertically	240	Panel Holder	959
Heavy-duty Plastic Hinge 45	200	Metal Hinge 40 x 38 with Constant Friction	242	Panel Slider	815
Heavy-duty Plastic Hinge 65 x 64	201	Metal Hinge 40 x 40	231	Parallel Clamp D28 (Set)	1044
Heavy-duty Swivel Caster Ø 200 with		Metal Hinge 50 x 50	232	Parallel Connector D28 (Set)	1043
Mounting Plate 40 / 45	143	Metal Hinge 50 x 63	233	Parallel Connector D30 (Set)	1098
Heavy-duty Swivel Caster Ø 200 with		Metal Hinge 50 x 76	234	Pin T-slot Nut I, Slot 8	536
System Brake and Mounting Plate 40 / 45	144	Metal Hinge 58 x 51 with Constant Friction	243	Pivot Angle 130	615
Holder Profile Slot 8	941	Metal Hinge 60 x 60	235	Pivoting Adapter for Containers	753
Holder Profile Slot 10	946	Metal Hinge 60 x 76	236	Pivoting Under-table Storage Tray	756
Holding Bracket AL D28	1064	Metal Hinge 60 x 90	237	Pivot Joint 20	554
Holding Bracket AL D30	1116	Metal Hinge 60 x 120	238	Pivot Joint 20 with Locking Lever	555
Holding Bracket I 60x24 40	837	Metal Hinge with Positioning Function	244	Pivot Joint 25 - 1"	558
Holding Bracket XST 40	842	Milling Connector B, Slot 8 (Set)	519	Pivot Joint 25 - 1" with Locking Lever	559
Holding Bracket XST D28	1063	Milling Connector I, Slot 8 (Set)	520	Pivot Joint 25 x 51 - 1" with Locking Lever	561
Holding Bracket XST D30	1115	Milling Connector, Slot 10 (Set)	521	Pivot Joint 25 x 51 - 1" x 2"	560
Hook-and-loop Block	1020	Mini Hinge	230	Pivot Joint 28 - 1.1"	562
Hydraulic Lift Caster (Set)	163	Mitre Connector 45°	625	Pivot Joint 28 - 1.1" with Locking Lever	563
Inner Ball Butt Connector D28 (Set)	1051	Mitre Connector 90°	626	Pivot Joint 30	564
Inner Ball Connector D28 (Set)	1045	Mitre Connector B 45°-90°, Slot 10	622	Pivot Joint 30 with Locking Lever	565
Inner Connector R	529	Mitre Connector B 60°-180°, Slot 10	623	Pivot Joint 30 x 60 with Locking Lever	566
Inner Connector, Slot 6 (Set)	527	Mitre Connector I 30°-90°, Slot 8	621	Pivot Joint 38 - 1.5"	567
Inner Connector, Slot 8 + 10	528	Monitor Mount	697	Pivot Joint 38 - 1.5" with Locking Lever	568
Inner T-Connector D28 (Set)	1042	Monitor Mounting Plate	699	Pivot Joint 38 x 76 - 1.5" x 3"	569
Insert Profile AL	947	Monitor Mount ZN with Locking Lever (Set)	698	Pivot Joint 38 x 76 - 1.5" x 3" with Locking Lever	570
Joint Angle 30	610	Monitor Support 4-axis, Height Adjustable (Set)	693	Pivot Joint 40	571
Joint Angle 40	611	Monitor Support 5-axis, Height Adjustable (Set)	695	Pivot Joint 40 with Locking Lever	572
Keyboard Holder AL, Slot 8 (Set)	717	Monitor Suspension Arm SKY 600, Height Adjustable with Locking (Set)	692	Pivot Joint 40 x 80	574
Label Clip	718	Monitor Work Station SIT / STAND 4-axis, Profile Attachment (Set)	688	Pivot Joint 40 x 80 with Locking Lever	575
Label Clip D28 / D30	1070	Mounting Bracket 60 x 47, D28 (Set)	1057	Pivot Joint 45	576
Label Holder D30 (Set)	1110	Mounting Bracket AL D28	1068	Pivot Joint 45 with Locking Lever	577
Lateral Guide XST	844	Mounting Bracket D30 (Set)	1102	Pivot Joint 45 x 90	580
LED Lamp Module F Line I 476, Input Dimmable	765	Mounting Bracket XST D28	1067	Pivot Joint 45 x 90 with Locking Lever	581
LED Lamp Module F Line I 953	767	Mounting Bracket XST D30	1119	Pivot Joint 180°, 1 Slot	582
LED Lamp Module F Line I 953, Input Dimmable	769	Mounting Clamp D28 (Set)	1062	Pivot Joint 180°, 2 Slots	583
Leveling Caster with Bolt Hole Thread (Set)	159	Mounting Clamp D30 (Set)	1111	Pivot Joint B 20	556
Leveling Caster with Mounting Plate 40 / 45	160	Mounting for Clamp Profile Connector 40 (Set)	890	Pivot Joint B 20 with Locking Lever	557
Leveling Foot Bracket 80/90 x 100	114			Pivot Joint B 40	573
Lift Door Guide (Set)	803	<b>N</b>		Pivot Joint ZN 45	578
Light Metal Hinge (Set)	245	Nut DIN 439 for Threaded Rods	76	Pivot Joint ZN 45 with Locking Lever	579
Light Plastic Hinge 35 - 40, Black	195	Nut DIN 934 for Threaded Rods	77	Plastic Combi Hinge 20 MINI, Detachable	171
Light Stainless Steel Hinge	258			Plastic Combi Hinge 20 MINI, Non-detachable	172

## ALPHABETICAL INDEX

Plastic Combi Hinge 25, Detachable, Black	173	Profile Slider ZN 40 x 80 Fixed Bearing		Roller Unit R9	858
Plastic Combi Hinge 25, Non-detachable, Black	174	with Locking Lever (Set)	795	Roll-in Double T-slot Nut 10.5 x 6.3 mm	276
Plastic Combi Hinge 30, Detachable, Black	175	Profile Slider ZN 40 x 80 Loose Bearing (Set)	791	Roll-In Double T-Slot Nut 13.7 x 7.0 mm	298
Plastic Combi Hinge 30, Non-detachable, Black	176	Profile Slider ZN 40 x 80 Loose Bearing		Roll-in Double T-slot Nut 14.0 x 5.2 mm (Set)	306
Plastic Combi Hinge 35, Detachable, Black	177	with Cam Lever (Set)	797	Roll-in Double T-slot Nut for	
Plastic Combi Hinge 35, Non-detachable, Black	178	Profile Slider ZN 40 x 80 Loose Bearing		Automatic Connector I, Slot 6	509
Plastic Combi Hinge 40, Detachable, Black	179	with Locking Lever (Set)	794	Roll-in Double T-slot Nut for	
Plastic Combi Hinge 40, Non-detachable, Black	180	Profile Slider ZN 40 x 80 (Set)	790	Automatic Connector I, Slot 8	510
Plastic Combi Hinge 45, Detachable, Black	181	Profile Slider ZN 40 x 80 with Cam Lever (Set)	796	Roll-in Double T-slot Nut for	
Plastic Combi Hinge 45, Non-detachable, Black	182	Profile Slider ZN 40 x 80 with Locking Lever (Set)	793	Universal Connector I, Slot 6	503
Plastic Combi Hinge 50, Detachable, Black	183	Protection Cap D30	1090	Roll-in Double T-slot Nut for	
Plastic Combi Hinge 50, Non-detachable, Black	184			Universal Connector I, Slot 8	504
Plastic Combi Hinge 60, Detachable, Black	185	<b>Q</b>		Roll-in Slot Nut 13.0 x 13.0 x 6.0 mm	345
Plastic Combi Hinge 60, Non-detachable, Black	186	Quick Block (Set)	902	Roll-in Slot Nut 13.0 x 13.0 x 6.0 mm with	
Plastic Combi Hinge with Locking Lever	187	Quick Connector	1022	Spring Leaf	346
Plastic Hinge 20 MINI, Black	194			Roll-in T-slot Nut 7.6 x 4.3 mm with	
Plastic Hinge 32 x 60, Black	196	<b>R</b>		Spring Loaded Ball	269
Plastic Hinge 32 x 100, Double, Black	197	Radius Seal 40 x 40	629	Roll-in T-slot Nut 7.7 x 3.4 mm with Spring Leaf	273
Plate Butt Connector B AL (Set)	497	Radius Seal 40 x 40, 90°	630	Roll-in T-slot Nut 7.7 x 4.6 mm with	
Plate Connector B AL	495	Reduction Profile B Slot 10 / 6 mm	945	Spring Loaded Ball	270
Plate Connector B ZN 45, Slot 10	498	Reduction Profile I Slot 8 / 4 - 6 mm	940	Roll-in T-slot Nut 8.0 x 4.2 mm with	
Plate Connector I PA 40, Slot 8 (Set)	499	Return Stop (Set)	886	Spring Loaded Ball	271
Plate Connector I ZN 40 (Set)	500	Rhombus Nut	344	Roll-in T-slot Nut 8.0 x 4.7 mm with	
Plug-in Profil 1.9 / 3 - 2	948	Rhombus Nut with locking	343	Spring Loaded Ball	272
Plug-in Profil 3.0 / 4 - 2	949	Rhombus Threaded Plate	349	Roll-in T-slot Nut 10.5 x 6.3 mm with	
Plug-in Profil 3.0 / 4 - 5	951	Rhombus T-slot Nut 10.8 x 3.6 mm		Spring Loaded Ball	274
Plug-in Profil 4.2 / 6 - 4	952	with Spring Leaf	341	Roll-in T-slot Nut 10.5 x 6.9 mm with Spring Loaded	
Plug-in Profil 4.7 / 4 - 2	950	Rhombus T-slot Nut 12.5 x 6.0 mm		Ball	275
Plug-in Profil 5.0 / 6 - 4	953	with Spring Leaf	342	Roll-in T-slot Nut 10.8 x 4.1 mm	281
Plug-in Profil 6.9 / 6 - 4	954	Ring Cable Binder	1019	Roll-in T-slot Nut 10.8 x 4.1 mm with	
Potential Equalizer for T-slot	1026	Roller Element, Clip-Fix	875	Spring Leaf	282
Potential Equalizer (Set)	1028	Roller Element, Screw-on Version	876	Roll-in T-slot Nut 11.0 x 4.1 mm with	
Power Strip Module F Line 264 4-way 4x	771	Roller for Shafts Ø 10	823	Spring Leaf	283
Power Strip Module F Line 317 5-way 4x,		Roller for Shafts Ø 14	824	Roll-in T-slot Nut 11.0 x 5.5 mm with	
Output Dimmable	773	Roller H26	862	Spring Leaf	278
Power Strip Module F Line 370 6-way 4x + USB,		Roller Mounting Blocks	880	Roll-in T-slot Nut 11.0 x 5.5 mm with	
Input switchable	775	Roller Ø 19	818	Spring Loaded Ball	277
Power Strip Module F Line 370 6-way 4x, Input		Roller Ø 29	819	Roll-in T-slot Nut 11.6 x 4.6 mm	284
Switchable, Output Dimmable	777	Roller Ø 39	820	Roll-in T-slot Nut 11.6 x 4.6 mm with	
Power Strip Module F Line 370 6-way 4x, Input		Roller Ø 39.5 (Set)	1112	Spring Leaf	285
Switchable, Output Switchable	779	Roller Ø 46.5	1113	Roll-in T-slot Nut 12.0 x 7.2 mm with	
Profile Connector 90° B / M30, Slot 8 (Set)	534	Roller Ø 47	821	Spring Loaded Ball	286
Profile Connector 90° B, Slot 10 (Set)	535	Roller Ø 58	822	Roll-in T-slot Nut 12.5 x 6.0 mm with	
Profile Connector 90° I, Slot 8 (Set)	532	Roller R9	863	Spring Leaf	288
Profile Connector 90° M45, Slot 8 (Set)	533	Roller R28	861	Roll-in T-slot Nut 12.5 x 6.0 mm with	
Profile Mount Base 40 - 85 x 128	131	Roller Track AL R28	846	Spring Loaded Ball	287
Profile Mount Base 80 - 85 x 168	132	Roller Track AL R28 with flange	847	Roll-in T-slot Nut 12.9 x 7.2 mm with	
Profile Slider 8 + 10	802	Roller Track I 60x24	836	Spring Loaded Ball	289
Profile Slider Center Ridge	800	Roller Track Profile AL	848	Roll-in T-slot Nut 13.0 x 10.0 mm with	
Profile Slider Center Slot	801	Roller Track XST H26	841	Spring Loaded Ball	290
Profile Slider Flats	799	Roller Track XST R28	839	Roll-in T-slot Nut 13.1 x 5.3 mm with	
Profile Slider ZN 40 x 80 Fixed Bearing (Set)	792	Roller Track XST R28 with Flange	840	Spring Leaf	322
Profile Slider ZN 40 x 80 Fixed Bearing with		Roller Unit H26	857	Roll-in T-slot Nut 13.4 x 7.6 mm with	
Cam Lever (Set)	798	Roller Unit L33 R28	856	Spring Loaded Ball	291
		Roller Unit L50 R28	855		



## ALPHABETICAL INDEX

Ball Joint 15	35	Transport and Base Plate AL 40 x 80	90	T-slot Nut 19.5 x 10.6 mm, Step Height 4.3 mm	319
Threaded Sleeve	89	Transport and Base Plate AL 80 x 80	91	T-slot Nut 19.5 x 10.6 mm, Step Height 4.3 mm, with Spring Loaded Ball	318
Threaded Sleeve AL D30	1092	Transport and Base Plate I ZN 40 x 40, Side M10, Powder Coated	99	T-slot Nut 19.5 x 10.6 mm, Step Height 4.8 mm	316
Threaded Sleeve D28L (Set)	1040	Transport and Base Plate ZN 20 x 40, Plain	92	T-slot Nut 19.5 x 10.6 mm, Step Height 5.1 mm	317
T-Matic Connector I Stainless Steel, Slot 8	517	Transport and Base Plate ZN 20 x 40, Powder Coated	93	T-slot Nut 20.0 x 6.4 mm	320
T-Matic Connector Steel	516	Transport and Base Plate ZN 30 x 60, Plain	95	T-slot Nut 20.0 x 6.4 mm, with Spring Loaded Ball	321
T-Matic Double Connector Steel	518	Transport and Base Plate ZN 30 x 60, Powder Coated	96	T-slot Nut 20.0 x 9.0 mm	326
Tool Double Hook FX R35 - 67, Rubberized for Profiles 40 / 45, Slot 8 / 10	737	Transport and Base Plate ZN 40 x 40, Powder Coated	94	T-slot Slider (Set)	805
Tool Double Hook FX R35 - 67, Rubberized for Tubes D28 / D30	1079	Transport and Base Plate ZN 40 x 80, Plain	100	Tubes for System Handle	648
Tool for Clip Block SL	928	Transport and Base Plate ZN 40 x 80, Powder Coated	101	Turning Angle 30	612
Tool Hanger 5/6, 1 Hole	722	Transport and Base Plate ZN 45 x 90, Plain	106	Turning Angle 45	613
Tool Hanger 8, 1 Hole	723	Transport and Base Plate ZN 45 x 90, Powder Coated	107	Twin Slam Latch Compact	660
Tool Hanger 8/10, 1 Hole	724	Transport and Base Plate ZN 50 x 100, Plain	110	<b>U</b>	
Tool Hanger 8/10, 3 Hole	725	Transport and Base Plate ZN 50 x 100, Powder Coated	111	Uniblock 14, Black	903
Tool Holder FX D80 for Profiles 40 / 45, Slot 8 / 10	736	Transport and Base Plate ZN 60 x 60, Plain	97	Uniblock 14, Gray	904
Tool Holder FX D80 for Tubes D28 / D30	1078	Transport and Base Plate ZN 60 x 60, Powder Coated	98	Uniblock 18, Black	905
Tool Hook FX 7/38 - 24 for Profiles 40 / 45, S lot 8 / 10	733	Transport and Base Plate ZN 80 x 80, Plain	103	Uniblock 18 CS, Black	907
Tool Hook FX 7/38 - 24 for Tubes D28 / D30	1075	Transport and Base Plate ZN 80 x 80, Powder Coated	104	Uniblock 18 CS, Gray	908
Tool Hook FX 17/57 - 24 for Profiles 40 / 45, Slot 8 / 10	735	Transport and Base Plate ZN 90 x 90, Plain	108	Uniblock 18, Gray	906
Tool Hook FX 17/57 - 24 for Tubes D28 / D30	1077	Transport and Base Plate ZN 90 x 90, Powder Coated	109	Uniblock 25, Black	909
Tool Hook FX 24/16 - 12 for Profiles 40 / 45, Slot 8 / 10	730	Transport and Base Plate ZN 100 x 100, Powder Coated	113	Uniblock 25 Clip	915
Tool Hook FX 24/16 - 12 for Tubes D28 / D30	1072	Trapezoidal Blade for Bag Cutter FX	747	Uniblock 25 CS, Black	911
Tool Hook FX 59/19 - 24 for Profiles 40 / 45, Slot 8 / 10	734	Trapezoid Base for Pivot Feet, Black	53	Uniblock 25 CS, Gray	912
Tool Hook FX 59/19 - 24 for Tubes D28 / D30	1076	Trapezoid Base for Pivot Feet, Gray	54	Uniblock 25 EH	916
Tool Hook FX 66/27 - 13 for Profiles 40 / 45, Slot 8 / 10	732	Trapezoid Base for Swivel Feet Ball Joint 15	29	Uniblock 25, Gray	910
Tool Hook FX 66/27 - 13 for Tubes D28 / D30	1074	Tray Container 110 x 270 x 40 (Set)	752	Uniblock 25, transparent colorless	913
Tool Hook FX 66/27 - 13, Rubberized for Profiles 40 / 45, Slot 8 / 10	731	Trolley 40 for Overhead C-Rail, with Mounting Plate	817	Uniblock 26 CS (Set)	914
Tool Hook FX 66/27 - 13, Rubberized for Tubes D28 / D30	1073	Trolley (Set)	816	Uniblock ZN 40 CS	931
Tool Hook FX R35 - 27, Rubberized for Profiles 40 / 45, Slot 8 / 10	738	T-slot Foot	79	Universal Butt Connector I	505
Tool Hook FX R35 - 27, Rubberized for Tubes D28 / D30	1080	T-slot Nut 9.8 x 4.5 mm	279	Universal Cable Binding Block	1011
Tool Quiver FX D50 for Profiles 40 / 45, Slot 8 / 10	744	T-slot Nut 11.5 x 4.0 mm	280	Universal Connector B	506
Tool Quiver FX D50 for Tubes D28 / D30	1085	T-slot Nut 13.0 x 5.0 mm	311	Universal Connector I	501
Tool Tray PARABOL FX for Profiles 40 / 45, Slot 8 / 10	742	T-slot Nut 15.0 x 8.0 mm	312	Universal Hook-and-loop Block	1013
Tool Tray PARABOL FX for Tubes D28 / D30	1083	T-slot Nut 16.0 x 6.0 mm	299	Universal Mitre Connector I (Set)	624
Top Angle Clamp I 40, Slot 8 (Set)	786	T-slot Nut 17.0 x 8.0 mm with Spring Loaded Ball	300	<b>V</b>	
Top Clamp D30 (Set)	1108	T-slot Nut 18.0 x 5.5 mm	313	Variable Holding Bracket AL D28	1066
Top Corner Suspension D30 (Set)	1107	T-slot Nut 18.0 x 6.8 mm with Spring Loaded Ball	302	Variable Holding Bracket AL D30	1118
Top Suspension D30 (Set)	1106	T-slot Nut 18.0 x 7.5 mm	314	Variable Holding Bracket XST D28	1065
Track Connector for Roller Track XST	843	T-slot Nut 18.0 x 8.0 mm	315	Variable Holding Bracket XST D30	1117
Transition Ramp AL	854	T-slot Nut 18.0 x 12.2 mm with Spring Loaded Ball	303	Vario Block 18 CS	921
Transition Ramp I (Set)	878			Vario Block 25 CS	922
				Vario Block AL D28 (Set)	1059
				Vario Block AL D30	1104
				Vario Block D28 (Set)	1058
				Vario Clamping Block 18	929
				Vario Clamping Block 25	930
				<b>W</b>	
				Wiper and Lubricator Ø 14 for Roller Profile I Slot 8 (Set)	829
				Wire Mesh Clamp	895
				Wire Mesh Clamping Plate	897

## ALPHABETICAL INDEX

Wire Mesh Panel Holder (Set)	896
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**Z**

Zinc Connection Angle 20	403
Zinc Connection Angle 20 x 28	404
Zinc Connection Angle 30	405
Zinc Connection Angle 40	407
Zinc Connection Angle 40 flat	406
Zinc Connection Angle 40 x 80 flat	411
Zinc Connection Angle 60	413
Zinc Connection Angle 80 flat	414
Zinc Connection Angle I 40	408
Zinc Connection Angle I 40 x 80 flat (Set)	412
Zinc Connection Angle V 40 (Set)	410
Zinc Die-Cast Hinge	225
Zinc Die-Cast Hinge 30 EH	227
Zinc Die-Cast Hinge 40 EH	228
Zinc Die-Cast Hinge 40 EH with Locking Lever	229
Zinc Die-Cast Hinge with Locking Lever	226



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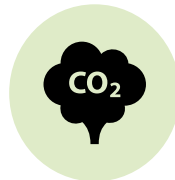


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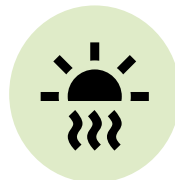
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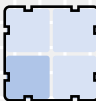
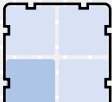
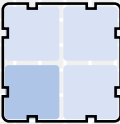
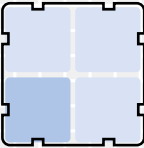
# ALUMINIUM PROFILE GEOMETRY

To make orientation easier for you, we have specified the geometry of the respective compatible aluminum profile where appropriate.

							PROFI	
Edge Radius [mm]	Thread	Core diameter [mm]	Slot Depth T [mm]	A2 [mm]	Slot	Tolerance	Modular Dimensions	
2.0	M5 (max. M6)	Ø 4.3 ±0.1 (drill max. Ø 6)	6.35 ±0.15	1.8 ±0.1	<b>5</b> +0.3 -0.0	±0.15	 20 x 20	 20 x 40
3.0	M6 (max. M8)	Ø 5.0 +0.2 -0.0 (drill max. Ø 8)	9.75 +0.2 -0.0	3.0 +0.0 -0.25	<b>6.2</b> +0.3 -0.0	±0.2	 30 x 30	 30 x 60
4.0 X: 1.0	S7  M8 (max. M12)	Ø 6.8 +0.0 -0.2 (drill max. Ø 13)	12.25 +0.3 -0.0	4.5 +0.3 -0.0	<b>8</b> +0.4 -0.0	±0.2	 40 x 40	 40 x 80
							 45 x 45	 45 x 90
5.0	M10 (max. M16)	Ø 8.5 +0.1 -0.2 (drill max. Ø 16)	15.5 +0.3 -0.0	5.3 +0.3 -0.0	<b>10</b> +0.4 -0.0	±0.3	 50 x 50	 50 x 100
6.0	M12 (max. M20)	Ø 10.2 +0.0 -0.2 (drill max. Ø 20)	18.3 +0.3 -0.0	6.6 +0.3 -0.0	<b>12</b> +0.4 -0.0	±0.3	 60 x 60	 60 x 120

For more information and advice on the compatibility of your aluminum profile, please contact our sales team.  
As before: **FATH** will not be offering a profile system of its own.

appropriate. In addition, you will find detailed dimensions and tolerances of the most important profile shapes in the table.

Profile	B 						
Dimension [mm]	Tolerance	Slot	A2 [mm]	Slot Depth T [mm]	Core Diameter [mm]	Thread	Edge Radius [mm]
 40 x 40	±0.15	<b>6</b> +0.3 -0.0	1.5	5.5	∅ 5.5 +0.2 -0.1	S6  M6	1.15
 60 x 60	±0.2	<b>8</b> +0.3 -0.0	2.2	9.0	∅ 7.3 +0.2 -0.1	S8  M8	2.0
 80 x 80	40: ±0.6 80: +0.8 120: +1.0 160: +1.6	<b>10</b> +0.4 -0.0	6.0	12.5	∅ 10.0 ±0.15	S12  M12	3.0
 90 x 90	45: ±0.3 90: ±0.4 180: ±0.6 270: ±1.0 360: ±1.5	<b>10</b> +0.4 -0.0	6.0	*12.5 14.5 (light profile, deep slot)	∅ 10.0 ±0.15	S12  M12 [*max. M16]	3.0  90 x 90: 5.0
 100 x 100	±0.3	<b>10</b> +0.4 -0.0	6.0	12.5	∅ 10.0 ±0.15	S12  M12	3.0
 120 x 120	±0.3	<b>10</b> +0.4 -0.0	6.0	13.0	∅ 10.0 ±0.15  60 x 90: ∅ 15.0	S12  M12  60 x 90: M16	3.0  60 x 90: 5.0

\*Strong profile, flat Slot

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