



MTS

automation
components

HLINÍKOVÉ PROFILY

BOSCH REXROTH

Trubkový systém EcoShape

výdělina



Od roku 1996 pomáhame firmám inovovať výrobu pomocou moderných a inteligentných technológií.

Takých, ktoré umožňujú vyrábať technologicky najnáročnejšie produkty. Popritom zefektívňujú výrobné procesy, šetria ľuďom čas a uľahčujú im život.

Naším cieľom sú kvalitné výrobky, spokojní ľudia a dobré prostredie v priemyselnej výrobe.

Prostriedkom sú naša odbornosť a skúsenosti, férové vzťahy a starostlivo vybrané spoľahlivé technológie.

Chceme ukázať, že je možné úspešne podnikáť aj férovo, ľudsky a s pevnými hodnotami. Že spoločnosť z Oravy môže byť kľúčovým partnerom pre veľké firmy z celého sveta.

Vybavíme vašu výrobu osvedčenými komponentmi od našich dlhoročných partnerov.

Poradíme vám s ich výberom a aj s tým, ako vybrané komponenty do vašej linky čo najlepšie a cenovo najvýhodnejšie implementovať a využiť na maximum. Vieme sa postarať aj o celú vašu výrobu od A po Z.



Sme oficiálnym slovenským partnerom Bosch Rexroth

v oblasti automatizácie výroby. Spolu s nadviazaním partnerstva sme do nášho portfólia zaradili hliníkové profily Bosch Rexroth.

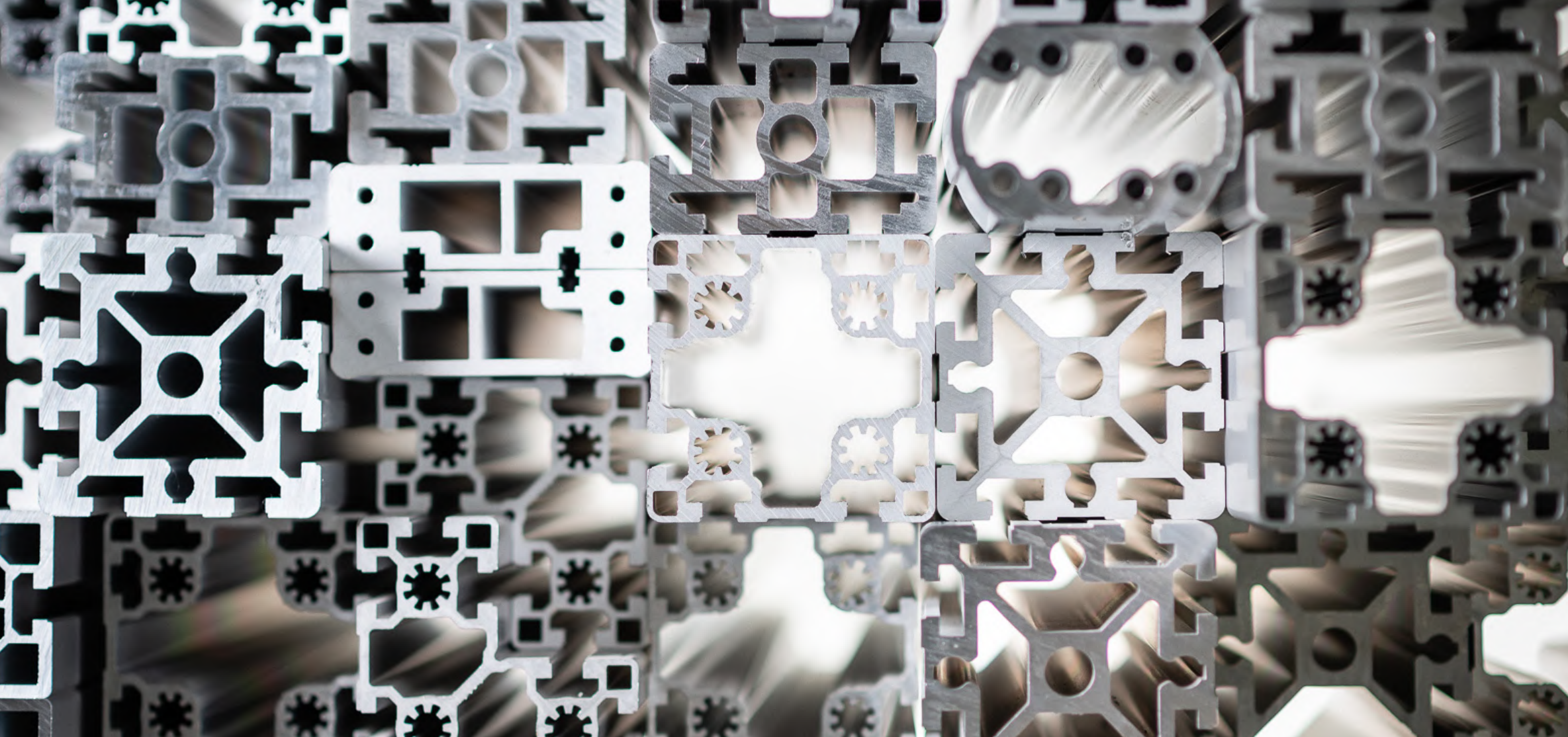
Tento stavebnicový systém sa stal vo viacerých priemyselných podnikoch medzinárodným štandardom nosných konštrukcií pre zariadenia, výrobné linky a stroje. V porovnaní s konkurenciou, hliníkové profily od Bosch Rexroth poskytujú širokú škálu príslušenstva. Profily majú viac rozmerových rád. Medzi nimi nájdete aj vzhľadové-designové profily s uzavretou drážkou.

Veľkou výhodou je kompatibilita dopravníkových systémov so stavebnicovým systémom. Bosch Rexroth má vo svojom portfóliu aj dopravníkové systémy, ktoré majú prispôbenú drážku (10 mm) dráhových profilov práve pre tieto konštrukčné profily.



Michal Bučka
produkový manažér





STAVEBNICOVÝ SYSTÉM HLINÍKOVÝCH PROFILOV BOSCH REXROTH

Hliníkové profily často tvoria kostru výrobných linky. Niektoré vytvárajú rámy a pracovné plochy, aby sa ľuďom dobre pracovalo. Iné v podobe krytov chránia vaše technológie a ľudské zdravie.

Všetky profily sú navzájom kompatibilné a poskladáte ich jednoducho ako stavebnicu. Radi vám dodáme kompletne hotové riešenie aj samostatné prvky.

Máme viac ako 140 typov hliníkových profilov Bosch Rexroth s drážkou 6, 8 a 10 mm – a k nim všetko príslušenstvo:

- Hliníkové profily
- Spojovacie prvky a príslušenstvo
- Rúrkový systém EcoShape
- Ochranné krytovanie
- Príslušenstvo

Sme slovenským partnerom Bosch Rexroth a sami s ich hliníkovými profilmi radi pracujeme. Páči sa nám...

- Jednoduchá projekcia
- Rýchla montáž
- Málo potrebných nástrojov
- Priestorová nenáročnosť
- Opakovane využiteľné komponenty
- Odolnosť proti korózii
- Flexibilná stavba a prestavba

OBSAH KATALÓGU

Trubkový systém EcoShape 5

Kontakt 22



EcoShape tubular framing system



- ▶ All connectors can be combined with the EcoShape D28L round tubes and D28L, N10, and the D28 round tube
- ▶ Integrated poka-yoke system for easy and secure connector installation
 - Anti-torsion element for secure joints
 - Form-fit connection

- ▶ All connectors are suitable for setting up ESD-conductive systems.

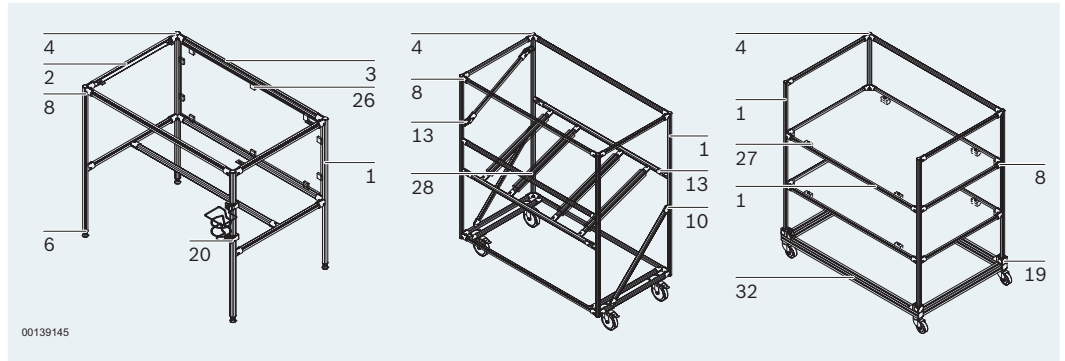
Material: Diecast zinc

Scope of delivery: Incl. Fastening material

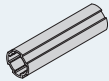


32 components – countless options

The EcoShape system is characterized by its consistent simplicity and efficiency: Using just a few components, you can build complete assembly lines as well as simple transport shuttles.

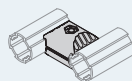


1 Round tube
D28L



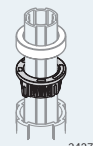
24878

9 Parallel
connector



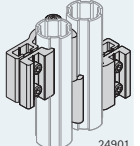
24886

17 Bushing



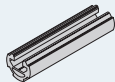
34277

25 Hinge
D28L/D28L



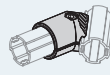
24901

2 Round tube
D28L, N10



24879

10 45°
Connector



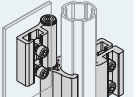
24887

18 Retaining
ring D28L



24893

26 Hinge
D28L/-



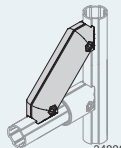
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3 Slide rail



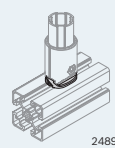
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11 Strut D28L,
45°



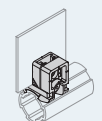
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19 Adapter
N8, N10



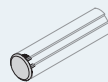
24895

27 PA Variofix
block



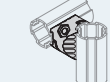
24903

4 Cover cap
D28L



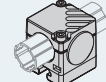
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12 Cross
connector



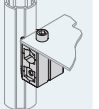
24889

20 Adapter
N10/45



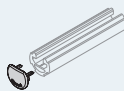
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28 Variofix
block Zn



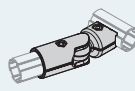
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5 Cover cap
D28L, N10



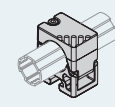
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13 0°-90°
Connector



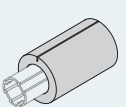
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21 Adapter
N10/30



24897

29 Impact
protection



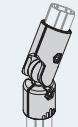
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6 Threaded
sleeve
D28L, PA



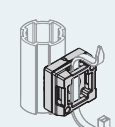
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14 0°-90° D28
connector



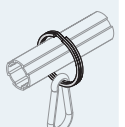
24891

22 Adapter
mount
D28L



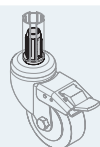
24898

30 Ring D50



24906

7 Threaded
sleeve
D28L, Zn



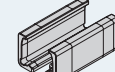
24884

15 Corner
bracket
D28



24892

23 Adapter
XLean



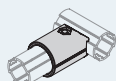
24899

31 Rubber foot
D28



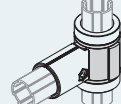
24907

8 90°
Connector



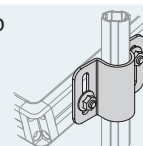
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16 Swivel
bearing
D28L



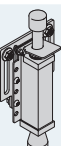
24894

24 Tube clamp
D28L, N10



24900

32 Stopper
D28L, N10



24908

1

A = 1,8 cm²

$I_x = 1,3 \text{ cm}^4$

$I_y = 1,3 \text{ cm}^4$

$W_x = 1,0 \text{ cm}^3$

$W_y = 1,0 \text{ cm}^3$

m = 0,5 kg/m

36806

2

A = 2,6 cm²

$I_x = 1,2 \text{ cm}^4$

$I_y = 2,0 \text{ cm}^4$

$W_x = 0,8 \text{ cm}^3$

$W_y = 1,4 \text{ cm}^3$

m = 0,7 kg/m

36807

3

00134987

4

D28L

24132

5

D28L, N10

24133

6

25597

00134990

- ▶ D28L round tube with 4 interfaces for attaching EcoShape connectors

Round tube D28L		L (mm)	No.
1 pc		50 ... 6070	3 842 996 191/L
50 pcs		6070	3 842 557 243
Material:		Aluminum; anodized	

- ▶ D28L round tube, N10 with 10 mm slot for mounting accessories from the MGE modular system
- ▶ Three interfaces for attaching EcoShape connectors

Round tube D28L, N10		L (mm)	No.
1 pc		50 ... 6070	3 842 996 192/L
20 pcs		6070	3 842 557 244
Material:		Aluminum; anodized	

- ▶ Slide rail for creating a simple conveyor track or manual slide section by clipping the slide rail onto the D28L round tube or D28L, N10 round tube

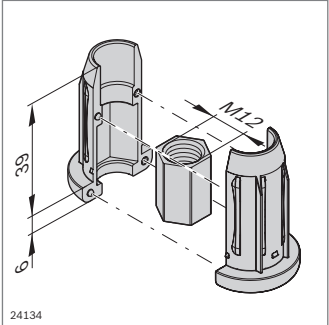
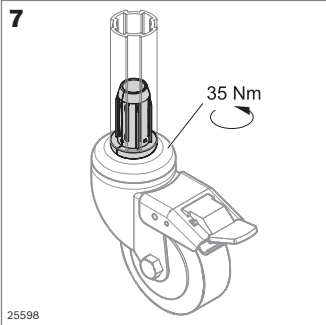
Slide rail	Color	L (mm)	ESD		No.
	Signal gray	2000	10		3 842 554 750
	Black	2000		10	3 842 548 117
Material:		PVC			

- ▶ Cover cap for D28L round tube and D28L, N10 round tube

Cover cap	Color	ESD		No.
D28L	Signal gray	20		3 842 554 752
	Black		20	3 842 548 129
D28L, N10	Signal gray	20		3 842 554 754
	Black		20	3 842 548 130
Material:		PA6		

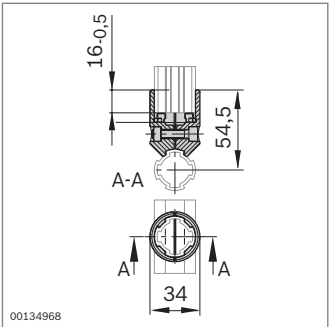
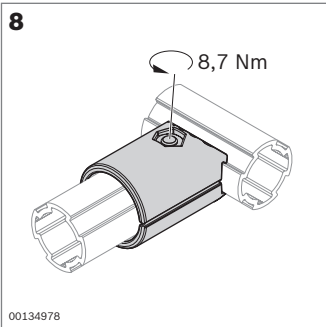
- ▶ Threaded sleeve for incorporating a leveling foot or castor wheel. For further information (see page 6-7)

Threaded sleeve D28L, PA	ESD		No.
		20	3 842 541 185
Material:		PA66 (conductive); black Hexagon nut: Aluminum	



Threaded sleeve D28L, Zn	ESD	No.
	20	3 842 548 119

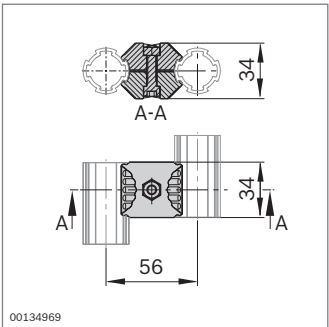
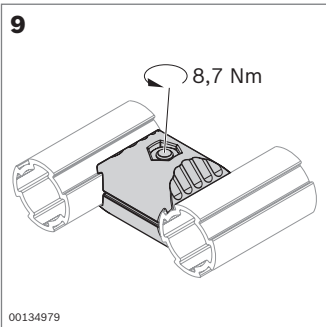
Material: Diecast zinc
Hexagon nut: Aluminum



90° connector	ESD	No.	FS
	20	3 842 541 173	FS1

Material: Diecast zinc
Scope of delivery: Incl. fastening material (FS)

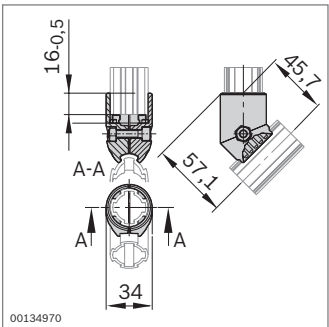
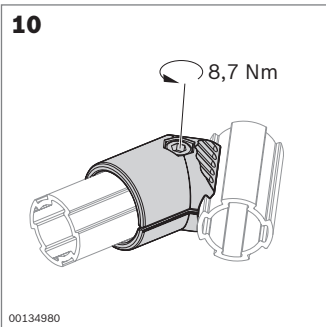
FS1
ISO 4762
M6x25
DIN EN
ISO 10511
M6



Parallel connector	ESD	No.	FS
	20	3 842 541 183	FS1

Material: Diecast zinc
Scope of delivery: Incl. fastening material (FS)

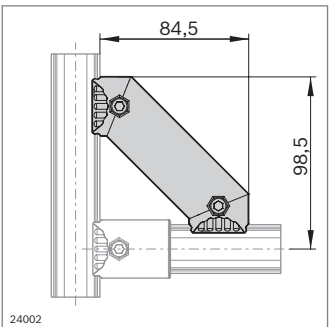
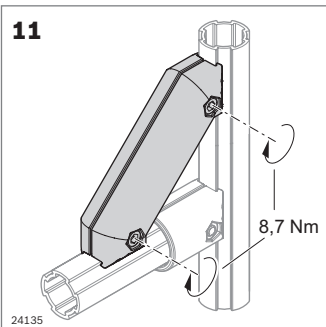
FS1
ISO 4762
M6x25
DIN EN
ISO 10511
M6



45° connector	ESD	No.	FS
	20	3 842 541 175	FS1

Material: Diecast zinc
Scope of delivery: Incl. fastening material (FS)

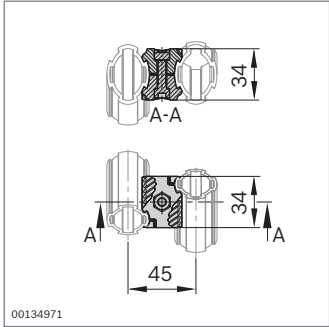
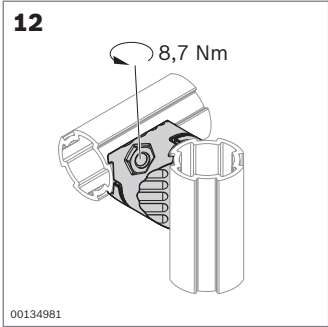
FS1
ISO 4762
M6x25
DIN EN
ISO 10511
M6



Strut D28L, 45°	ESD	No.	FS
	20	3 842 548 118	2xFS1

Material: Diecast zinc
Scope of delivery: Incl. fastening material (FS)

FS1
ISO 4762
M6x25
DIN EN
ISO 10511
M6

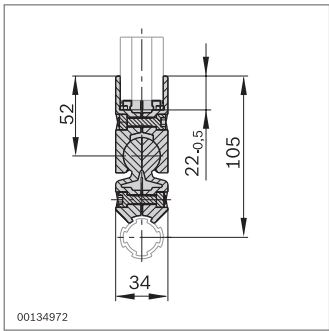
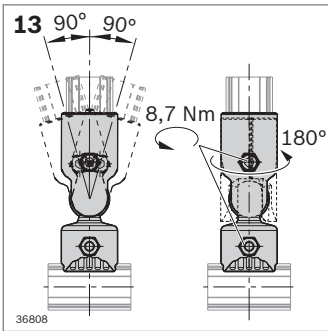


Cross connector	ESD	No.	FS
		20 3 842 541 181	FS1

Material: Diecast zinc
Scope of delivery: Incl. fastening material (FS)

FS1

	ISO 4762
	M6x25
	DIN EN ISO 10511
	M6

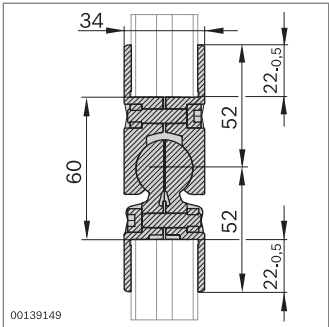
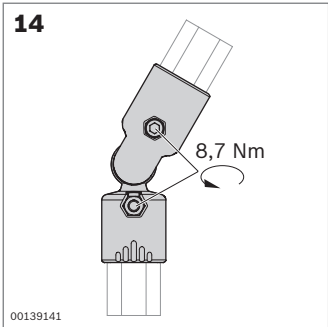


0°-90° connector	ESD	No.	FS
		20 3 842 541 178	2xFS1

Material: Diecast zinc
Scope of delivery: Incl. fastening material (FS)

FS1

	ISO 4762
	M6x25
	DIN EN ISO 10511
	M6

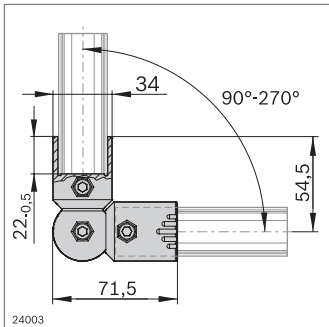
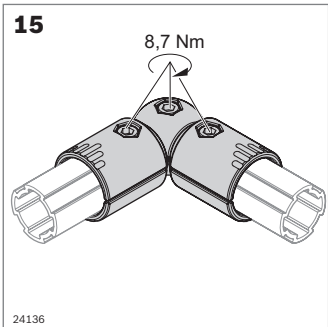


0°-90° D28 connector	ESD	No.	FS
		20 3 842 543 480	2xFS1

Material: Diecast zinc
Scope of delivery: Incl. fastening material (FS)

FS1

	ISO 4762
	M6x25
	DIN EN ISO 10511
	M6



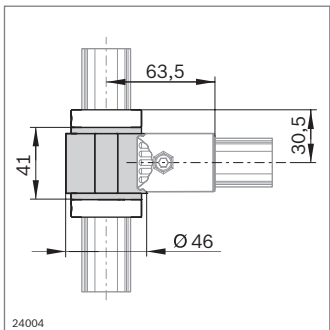
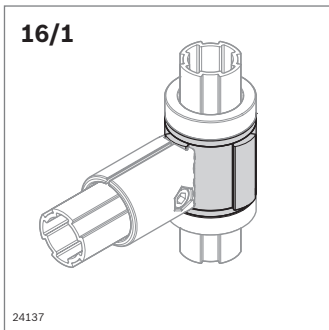
- Corner bracket D28 for easy adjustment within a 15° range
- Swivel range: 90°-270°

Corner bracket D28	ESD	No.	FS
		20 3 842 548 123	3xFS1

Material: Diecast zinc
Scope of delivery: Incl. fastening material (FS)

FS1

	ISO 4762
	M6x25
	DIN EN ISO 10511
	M6



- For axial shifting along the D28L round tube or D28L, N10 round tube. The retaining ring determines the end position
- Construction of swiveling applications
- Additional thread for flexible bracket adjustment

Required accessories:
Retaining ring D28L

Swivel bearing D28L	L (mm)	ESD	No.
	34	20	3 842 548 121

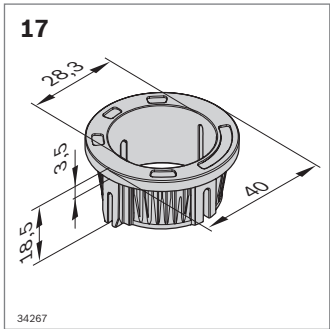
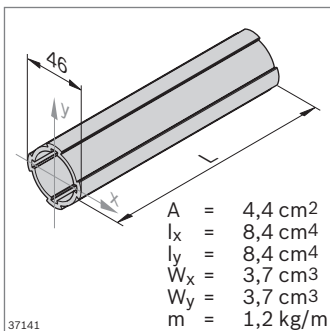
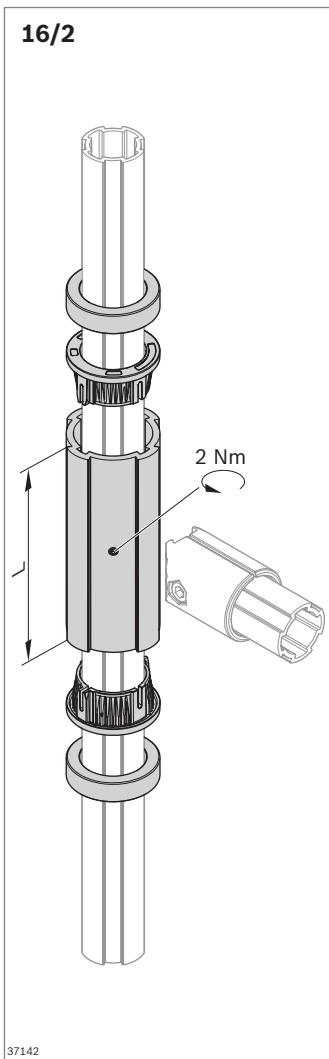
Material: Swivel bearing: Aluminum
Scope of delivery: D28L swivel bearing, L = 34 mm D28 bushing (17), headless setscrew ISO 4026 M4x10

For self-assembly:

- D28L swivel bearing with L = 1000 mm that can be cut to length

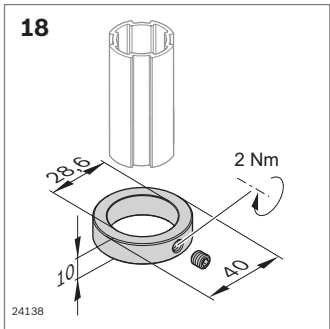
Swivel bearing D28L	L (mm)	No.
	1000	2 3 842 557 298

Material: Swivel bearing: Aluminum



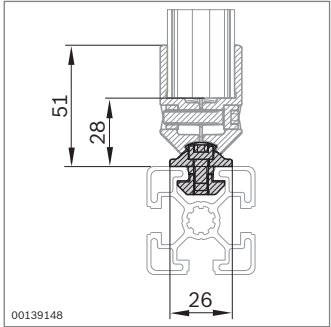
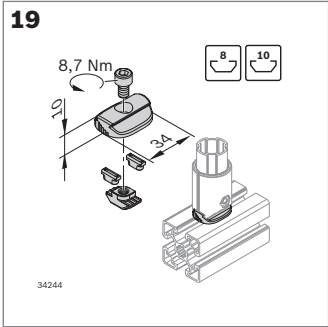
Bushing D28	L (mm)	No.
	4	3 842 557 299

Material: Bushing: POM; black



Retaining ring D28L	L (mm)	ESD	No.
		20	3 842 548 122

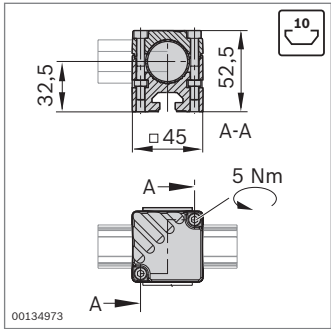
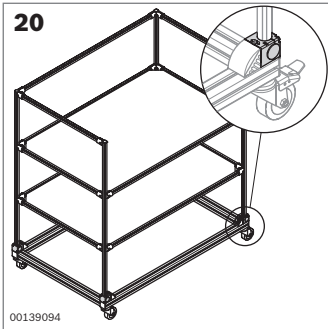
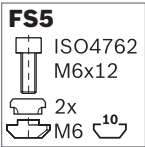
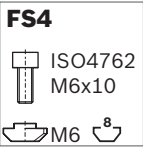
Material: Retaining ring: Aluminum
Scope of delivery: Retaining ring: incl. headless setscrew DIN 913 M6x6



- N8, N10 adapter for connecting an MGE strut profile (8 mm, 10 mm slots)

Adapter N8, N10	ESD	No.	FS
	20	3 842 543 272	FS4, FS5

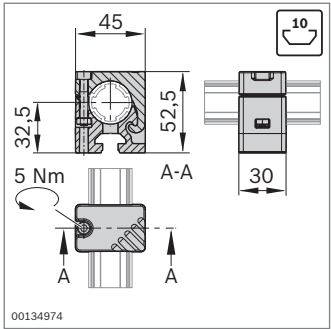
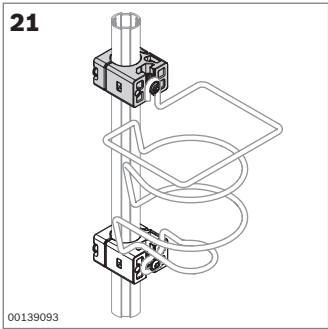
Material: Diecast zinc
Scope of delivery: Incl. fastening material (FS)



- N10/45 adapter for connecting D28L round tubes or D28L, N10 round tubes to profiles with a 10 mm slot

Adapter N10/45	ESD	No.	FS
	20	3 842 541 187	2xFS3

Material: Adapter: Diecast zinc
Cover cap: PE
Scope of delivery: Incl. cover cap, fastening material (FS)

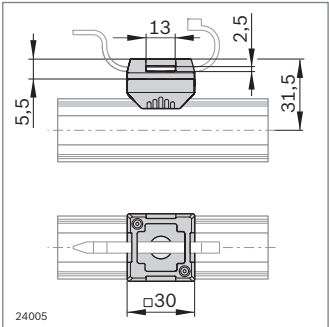
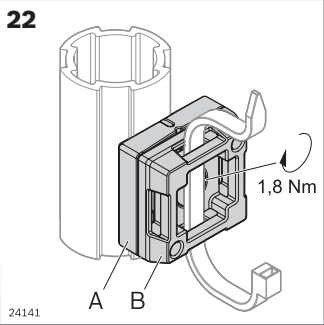


- N10/30 adapter for fastening light accessories such as a bottle holder to the D28L round tube

Adapter N10/30	ESD	No.	FS
	20	3 842 541 190	FS6

Material: Diecast zinc
Scope of delivery: Incl. fastening material (FS)

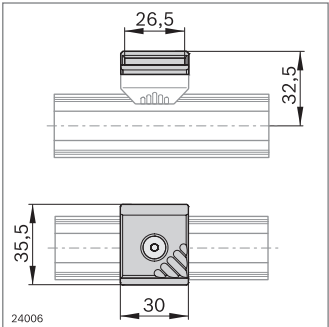
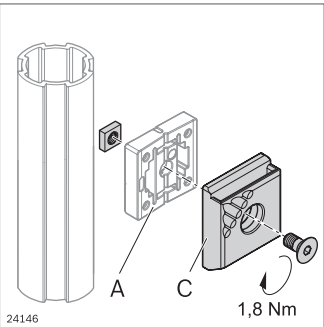
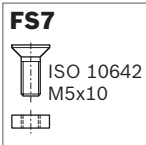




► For attaching cable ties

Adapter mount D28L	ESD	No.	FS
A + B	20	3 842 548 120	FS7

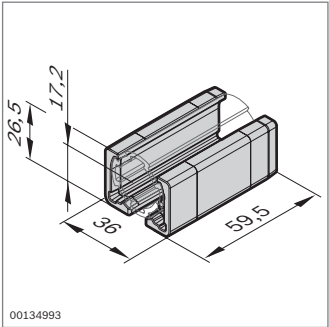
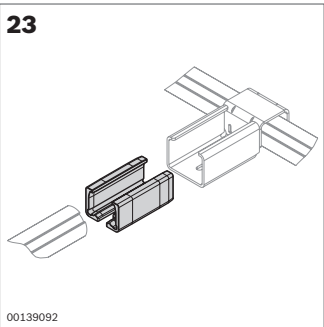
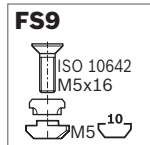
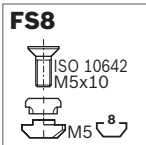
Material: PA66 (conductive); black
Scope of delivery: Incl. fastening material (FS)



► For attaching containers using the container mount

Container mount	ESD	No.	FS
C	10	3 842 544 797	FS8, FS9

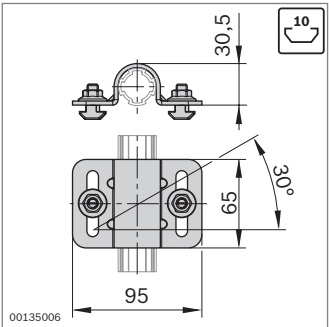
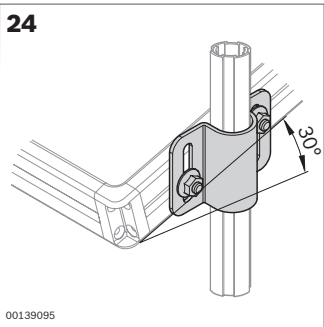
Material: PA66 (conductive); black
Scope of delivery: Incl. fastening material (FS)



► XLean adapter for combination with XLean.
The XLean adapter connects the D28L round tube with the XLean rail holder (p. 12-25)

XLean adapter	ESD	No.
	20	3 842 541 296

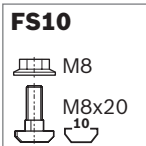
Material: PA66 (conductive); black

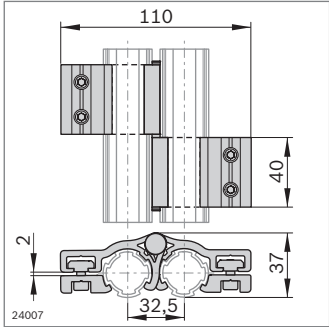
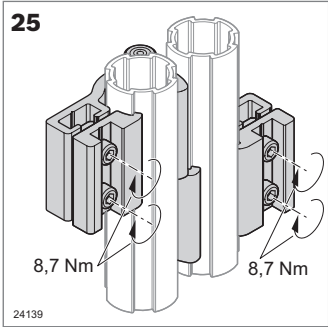


► Tube clamp D28L, N10 for fastening material shelves with a 10 mm slot to the D28L round tube; oblique positioning up to 30 degrees is possible

Tube clamp D28L, N10	ESD	No.	FS
	20	3 842 541 193	2xFS10

Material: Steel; galvanized
Scope of delivery: Incl. fastening material (FS)

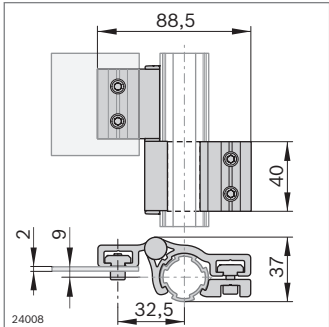
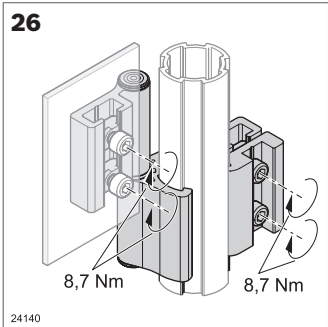
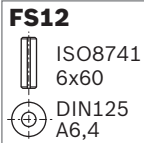
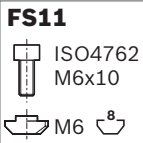




- ▶ Opening angle: 180°
- ▶ For mounting D28L round tube

Hinge D28L/D28L	ESD	No.	FS
	2	3 842 548 126	4x FS11, FS12

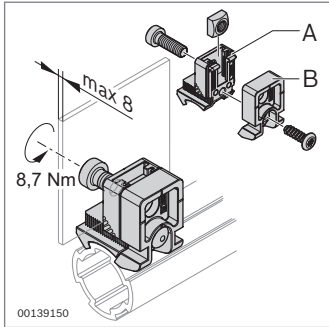
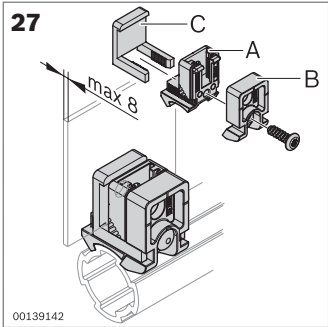
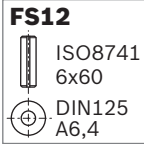
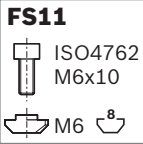
Material: Aluminum
Scope of delivery: Incl. fastening material (FS)



- ▶ Opening angle: 180°
- ▶ For mounting panel elements

Hinge D28L/-	ESD	No.	FS
	2	3 842 548 127	2x FS11, FS12

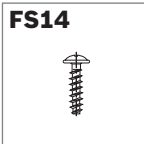
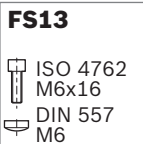
Material: Aluminum
Scope of delivery: Incl. fastening material (FS)



- ▶ Plastic Variofix block for fastening panel elements with snap-in clips or a screw
- ▶ Variofix remover for releasing the snap-in clip (p. 14-6)

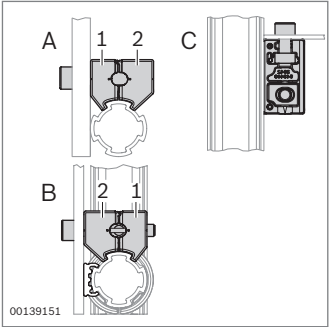
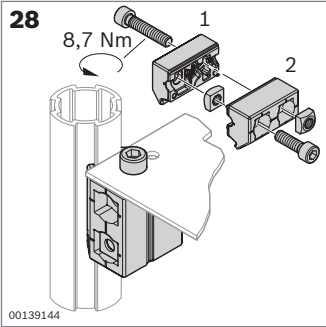
Variofix block (PA)	No.	FS
A + B	20	3 842 543 311 FS13, FS14

Material: PA66 (conductive); black
Scope of delivery: Incl. fastening material (FS)



Snap-in clip	No.
C	10 3 842 184 738

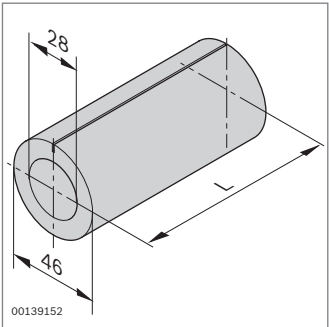
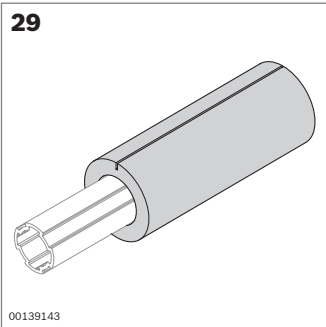
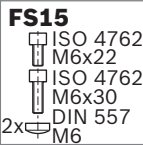
Material: PA6; transparent



- Diecast zinc Variofix block for fastening panel elements
- Three arrangements possible ("A", "B", "C")

Variofix block Zn	ESD	No.	FS
	20	3 842 543 494	FS15

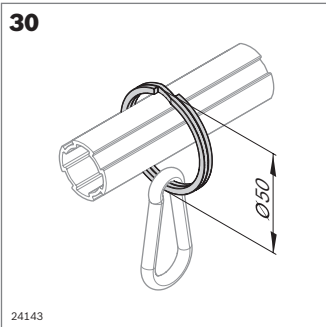
Material: Diecast zinc
Scope of delivery Incl. fastening material (FS)



- Impact protection for D28 and D28L round tubes

Impact protection	L (mm)	No.
	2000 10	3 842 544 637

Material: PE-LD; gray



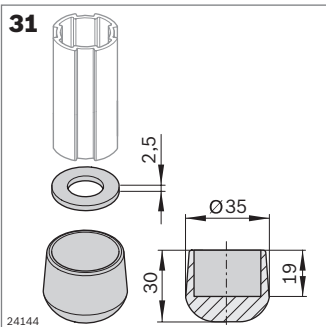
- For designing simple tool holders

Ring D50	No.
20	3 842 548 131

Material: Nickel-plated steel

Spring hook	No.
1	0 842 901 309

Material: Steel; galvanized

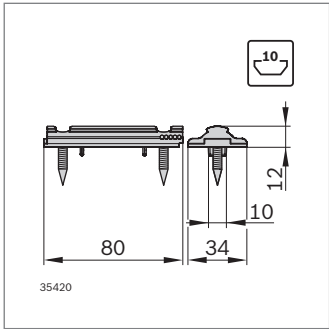
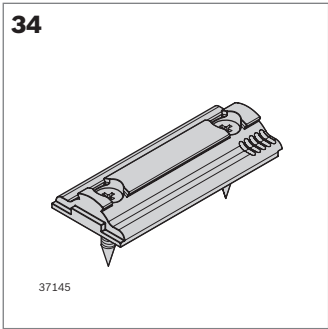
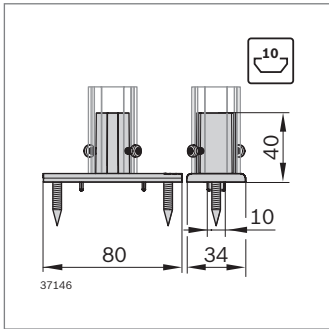
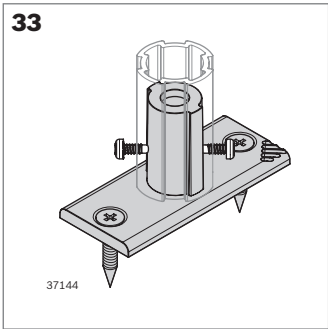
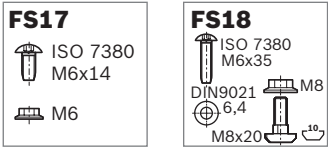
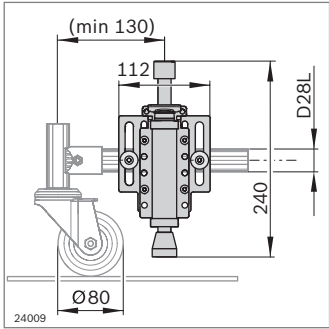
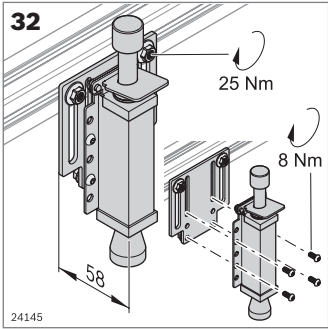


- Non-slip design of flow racks and stands

Rubber foot D28	ESD	No.	FS
	20	3 842 548 128	FS16

Material: NR/SBR (conductive); black





- ▶ To stop material shuttles ergonomically at just one point
- ▶ All-purpose option for attachment to different round tubes and profile cross-sections
- ▶ Stopper tension path: 34 mm

Stopper D28L, N10	No.	FS
	3 842 548 132	4x FS17, 2x FS18

Material: Stopper: Stainless steel, EPDM
Attachment plate: Aluminum

Scope of delivery: Incl. fastening material (FS)

- ▶ Base plate for fastening frames directly onto walls, floors, table tops and strut profiles with 10 mm slot via EcoShape round tubes
- ▶ No additional connector required
- ▶ Anti-torsion element by centering lug (can be broken off)
- ▶ Reference load during profile installation: 15 Nm admissible in lengthwise and crosswise direction. Load values at installation on other surfaces depend on the respective material

Recommended accessories for profile installation:

Countersunk screw ISO 10642 M5x16-8.8;

T-nut (**3 842 530 283**) (p. 3-4)

Optional accessories: Self-tapping screw (**3 842 552 267**)

Base plate D28L	ESD	No.	FS
	10	3 842 559 346	2x FS19

Material: Diecast zinc

Scope of delivery: Incl. fastening material (FS)

- ▶ Base plate for fastening frames onto walls, floors, table tops and strut profiles with 10 mm slot with the help of EcoShape connectors
- ▶ Anti-torsion element by centering lug (can be broken off)
- ▶ Reference load during profile installation: 15 Nm admissible in lengthwise and crosswise direction. Load values at installation on other surfaces depend on the respective material

Recommended accessories for profile installation:

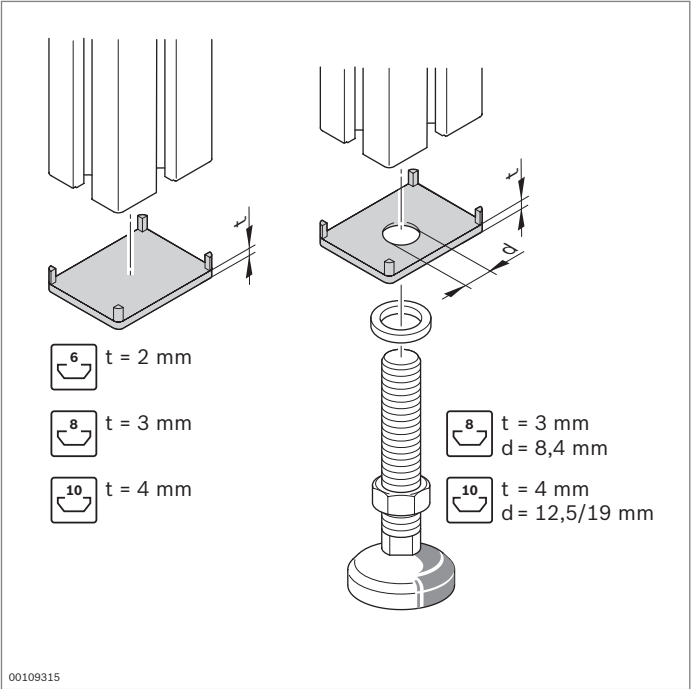
Countersunk screw ISO 10642 M5x16-8.8;

T-nut (**3 842 530 283**) (p. 3-4)

EcoShape base plate	ESD	No.	FS
	10	3 842 559 345	2x FS19

Material: Diecast zinc

Scope of delivery: Incl. fastening material (FS)

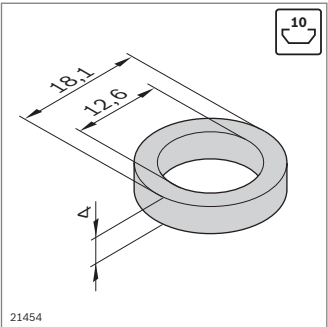


Cover cap Cover cap with hole



- To prevent injuries at open profile ends
- Attractive design
- Cover cap with hole for use with leveling feet and rollers
- Cover cap material: PA or PP

Order information for the cover caps can be found in the profile section

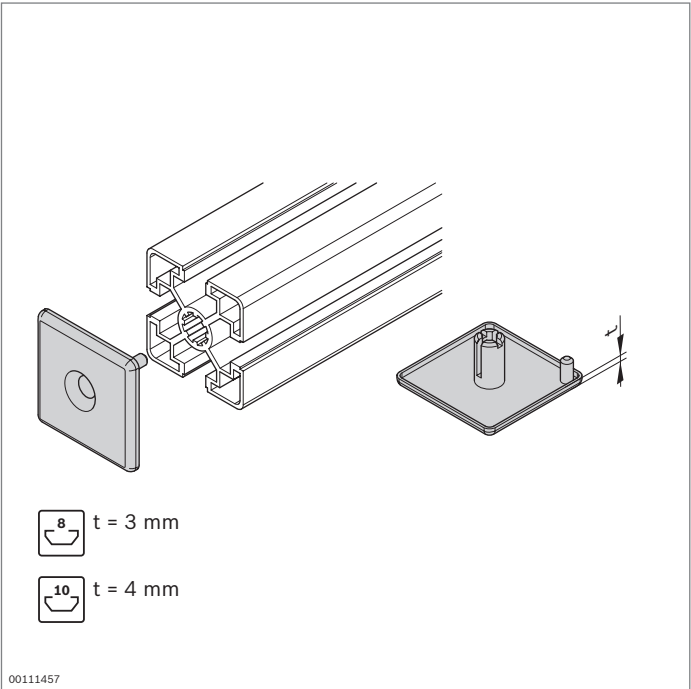


Bearing ring

- For cover caps with hole in the sizes 40x40, 45x45, 50x50 and 60x60
- For M12 threads
- To protect the cover caps when tightening accessories

Bearing ring	No.
	100 3 842 555 653

Material: Diecast zinc



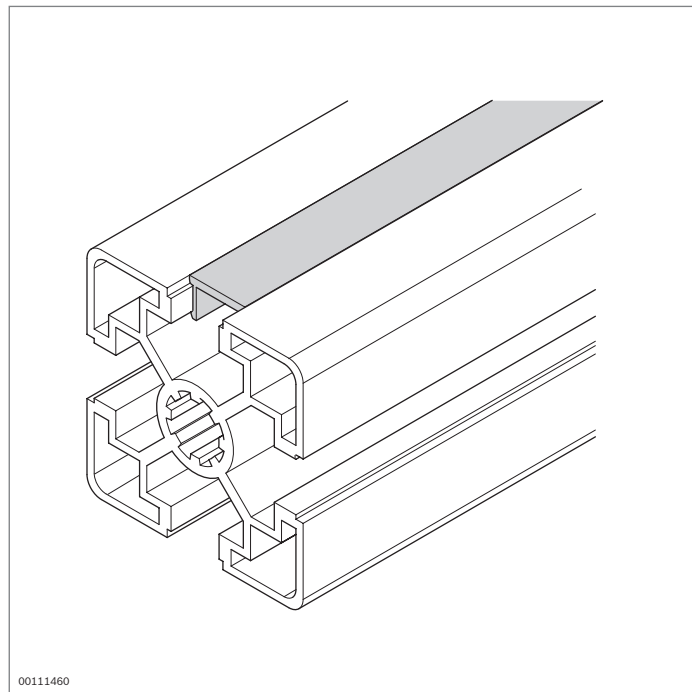
Diecast zinc cover cap

- Shock-proof
- Resistant to aggressive media
- Fastening with countersunk screw; profile finishing not required

Cover cap ZN	ESD No.	FS
30x30-ZN	3 842 518 204	FS1
40x40-ZN	3 842 541 807	FS2
45x45-ZN	3 842 518 205	FS2

Material: Cover cap: Diecast zinc
Fastening material: Steel; galvanized



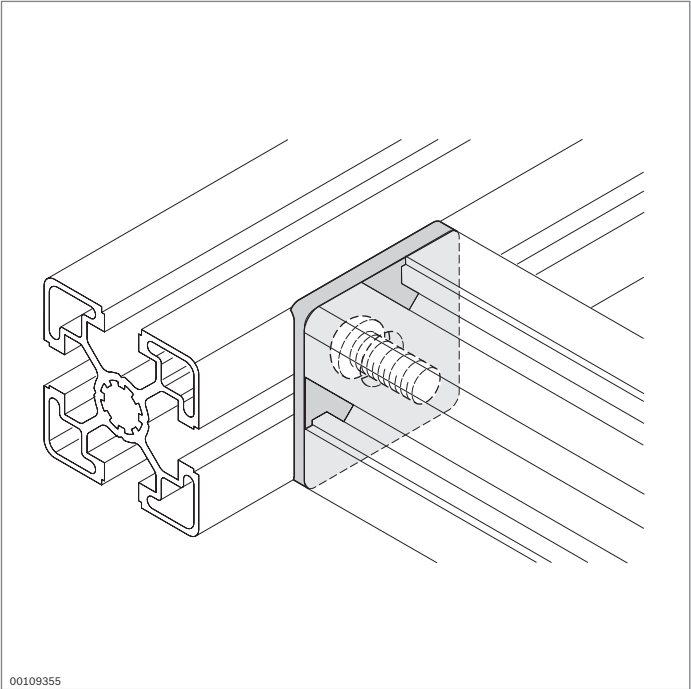


Cover profiles



- ▶ For fixing cables in position
- ▶ To prevent dirt from entering the profile slot
- ▶ Attractive design
- ▶ Soft PVC cover profile for 6 mm slot is provided as a roller
- ▶ Flush with profile
- ▶ An ESD-conductive connection between the cover profile and the strut profile must be ensured by a suitable design solution, e.g. screw

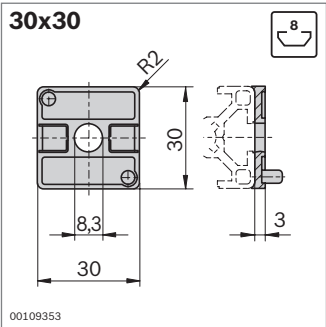
Cover profile, 6 mm slot	Color	Material	ESD	L (mm)		No.
 00109365	Colorless, natural	Aluminum; anodized		2000	10	3 842 523 254
 00117777	Signal gray (RAL 7035)	Soft PVC		10000	1	3 842 555 268
Cover profile, 8 mm slot	Color	Material	ESD	L (mm)		No.
 00109366	Colorless, natural	Aluminum; anodized		2000	10	3 842 523 256
 00109367	Signal gray (RAL 7004)	PP		2000	10	3 842 548 878
	Black (RAL 9005)	PP		2000	10	3 842 548 879
	Light gray (RAL 7035)	PP		2000	10	3 842 548 898
	Red (RAL 3020)	PP		2000	10	3 842 549 878
	Yellow (RAL 1023)	PP		2000	10	3 842 549 879
	Green (RAL 6032)	PP		2000	10	3 842 554 771
	Blue (RAL 5010)	PP		2000	10	3 842 549 880
	Orange (RAL 2004)	PP		2000	10	3 842 549 881
	Colorless, transparent	PET		2000	10	3 842 549 877
Cover profile, 10 mm slot	Color	Material	ESD	L (mm)		No.
 00109368	Colorless, natural	Aluminum; anodized		2000	10	3 842 523 258
 19502	Signal gray (RAL 7004)	Hard PVC		2000	10	3 842 548 876
	Black (RAL 9005)	Hard PVC		2000	10	3 842 548 877
	Light gray (RAL 7035)	Hard PVC		2000	10	3 842 518 367
	Red (RAL 3020)	Hard PVC		2000	10	3 842 518 368
	Yellow (RAL 1023)	Hard PVC		2000	10	3 842 518 369
	Yellow (RAL 6032)	Hard PVC		2000	10	3 842 549 888
	Blue (RAL 5010)	Hard PVC		2000	10	3 842 538 955
	Orange (RAL 2004)	Hard PVC		2000	10	3 842 538 957
	Colorless, transparent	Hard PVC		2000	10	3 842 191 182



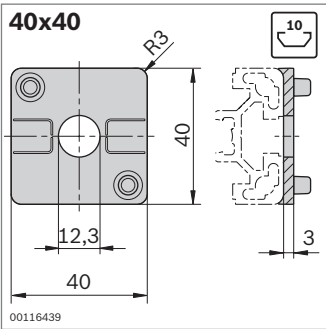
Radial compensation



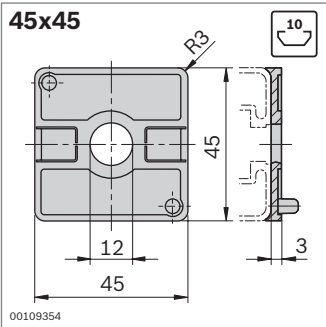
- For avoiding gaps and sharp edges on T-connections between two profiles using a central bolt or quick connector (note spacing of hole from the end of the profile)
- Slot segments can be broken out to support panel elements in the slot
- Important note: The load carrying capacity of the profile connection is reduced when using radial compensation (see “Technical data”, page 18-20)!



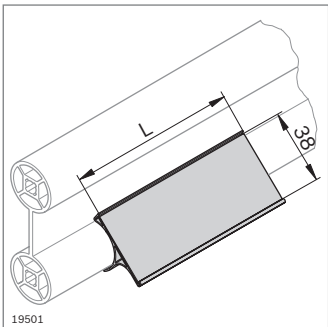
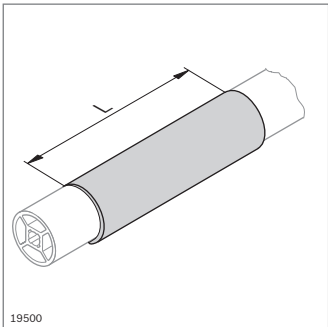
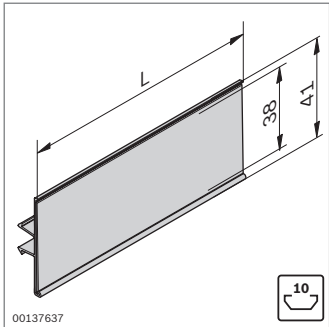
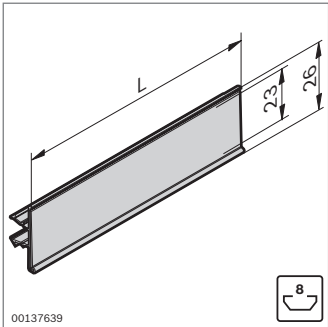
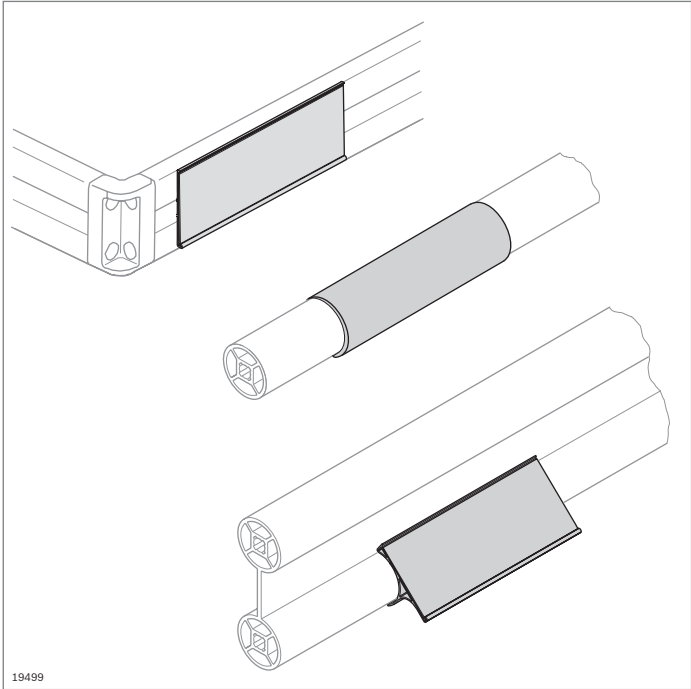
Radial compensation	Slot		No.
30x30	8	10	3 842 551 026
Material: PA; signal gray RAL 7004			



Radial compensation	Slot		No.
40x40	10	10	3 842 551 028
Material: PA; signal gray RAL 7004			



Radial compensation	Slot		No.
45x45	10	10	3 842 551 030
Material: PA; signal gray RAL 7004			



Labeling clips

► For labeling profiles and tubular cross ties

► Labeling clip for strut profiles with 8 mm and 10 mm slot

Labeling clip	Slot	L (mm)		No.
	8	2000	20	3 842 537 113
	8	102	20	3 842 537 650
	10	2000	20	3 842 537 116
	10	102	20	3 842 537 651

Material: Hard PVC, light gray (RAL 7035), transparent

- Self-adhesive
- Labeling clip with rounded text surface for strut profiles D28; D28L; D28L, N10, and D28x55
- Label height 38 mm

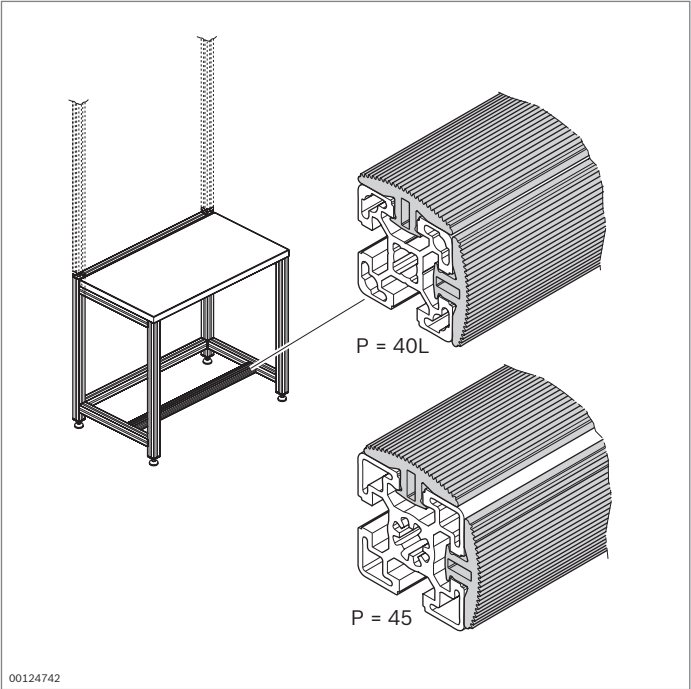
Labeling clip	L (mm)		No.
For tubular cross ties	2000	20	3 842 535 136
	102	20	3 842 538 093

Material: Hard PVC, colorless, transparent

- Self-adhesive
- Labeling clip with flat text surface for strut profiles D28; D28L; D28L, N10, and D28x55

Labeling clip	L (mm)		No.
For tubular cross ties	2000	20	3 842 537 119
	102	20	3 842 537 652

Material: Hard PVC, light gray (RAL 7035), transparent



Rubber profile Cloth holder



Rubber profile

- To avoid impact on hard edges, such as when setting down impact-sensitive products
- For use as footrest to clip in from top and front on the cross strut of the workstation
- Really simple and inexpensive
- Suitable for the construction of ESD workstations

Rubber profile	L (mm)	ESD	No.
	30 ... 2000		1 3 842 994 979 / L
	2000		10 3 842 537 135

Material: EPDM; bleeder resistance $R = 10^4 \dots 10^9 \Omega$

Screwed-on cloth holder

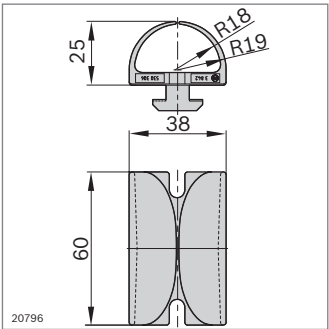
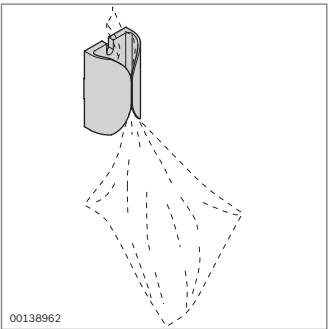
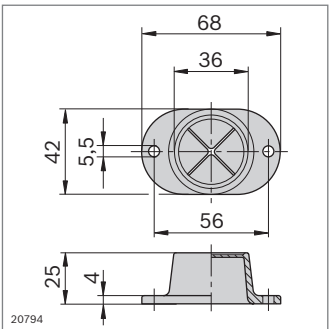
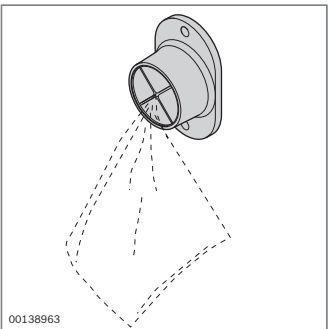
- For hanging cleaning cloths

Required accessories:

- T-nut, 10 mm slot, M5 (**3 842 530 283**) (p. 3-4)
- Screw DIN 7984 M5x12

Screwed-on cloth holder	No.
	1 845 719 000

Material: PE; black



Cloth holder with clamp base

- With injection molded clamp base for direct assembly on strut profile with 10 mm slot
- Can also be used as a cable guide

Cloth holder with clamp base	No.
	3 842 530 306

Material: PA6, black

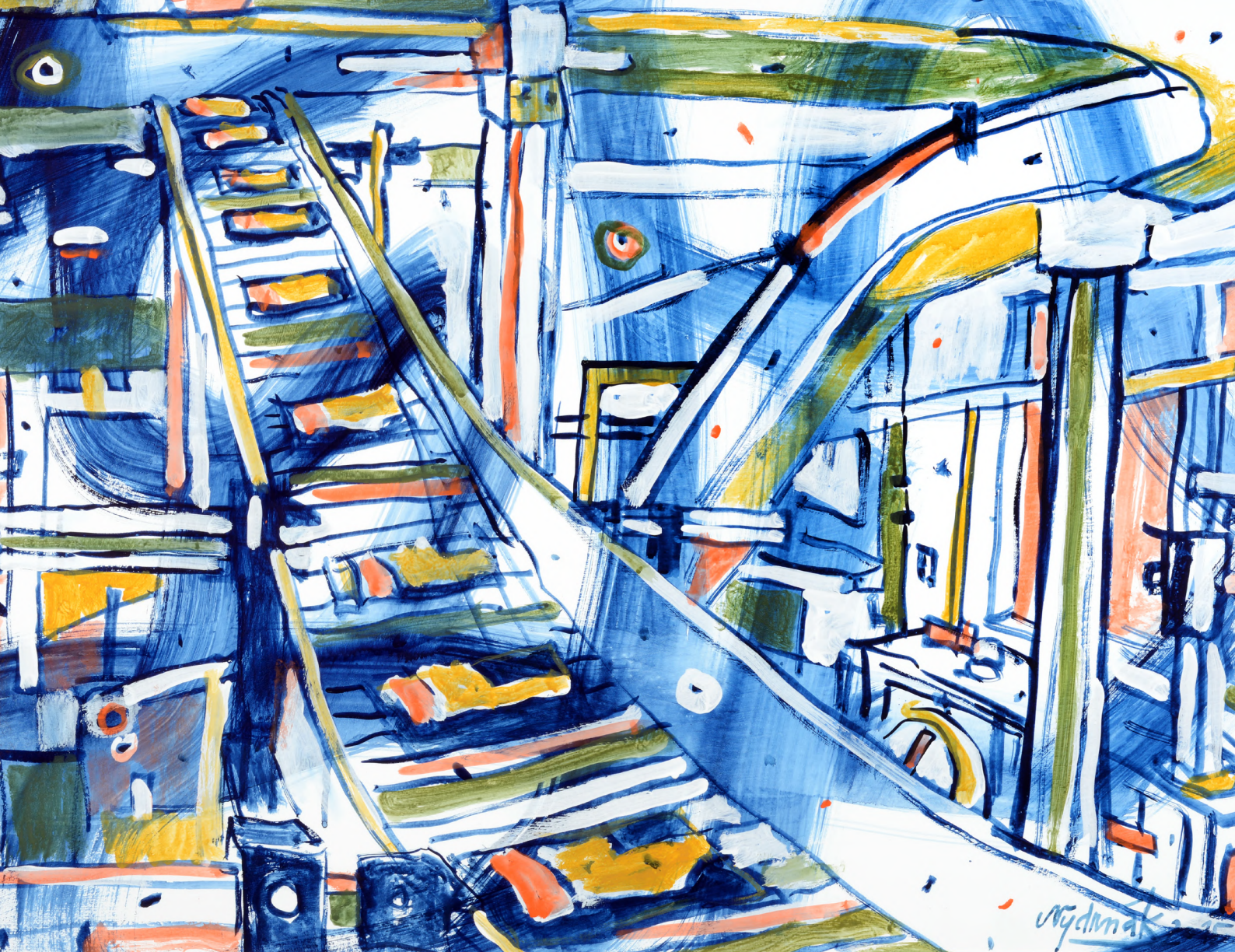
PRÍDTE SA K NÁM POZRIEŤ

**Ozvíte sa nám a prídeme spolu
na to, ako uľahčiť vašim ľuďom
aj tú najnáročnejšiu prácu.**



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