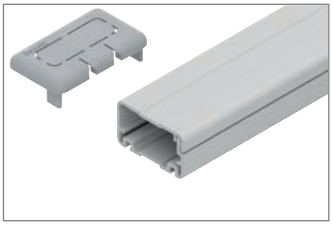
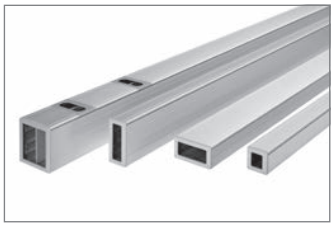
Installation elements



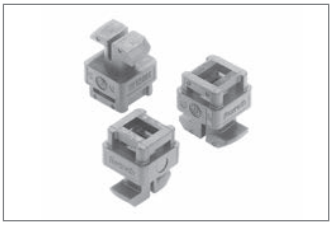
Cable duct, plastic
(p. 11-2)



Cable duct universal
(see 11-3)



Cable duct AL (p. 11-5)



Cable bracket (p. 11-11)



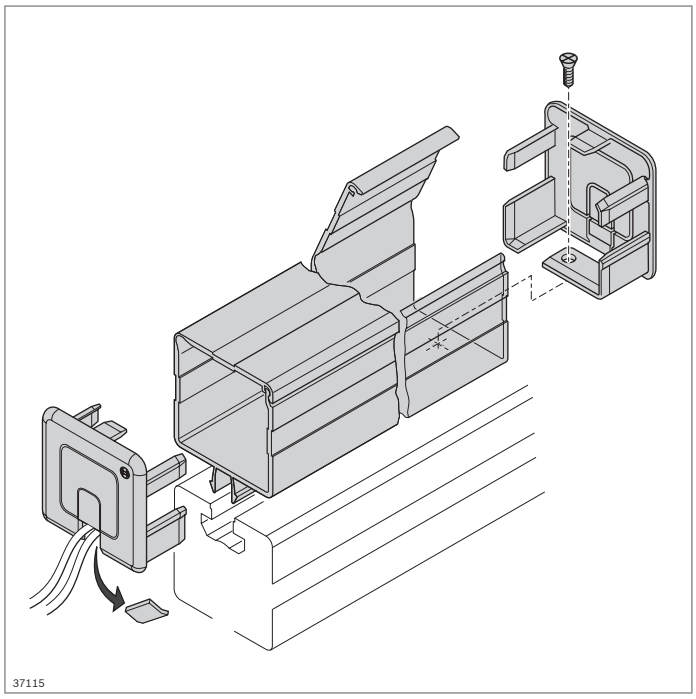
Cable bracket loop
(p. 11-12)



Quick-lock (p. 11-13)

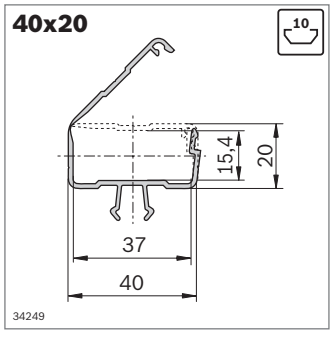
Electrical leads must be laid neatly. This is because electrical faults can only be easily located and rectified if the installation has been carried out in a clear and orderly manner.

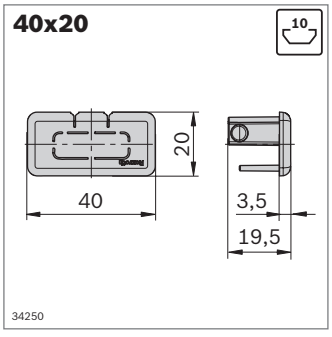
Cable ducts and cable brackets are therefore important elements for maintenance-friendly electrical installation on all types of constructions made using the aluminum profile toolkit.



Cable duct, plastic

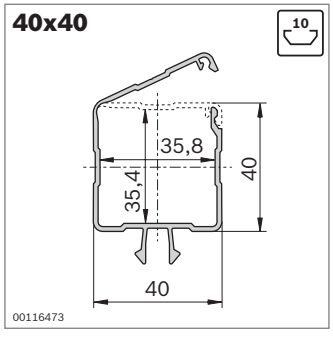
- Cable duct for routing electrical lines
- Captive cover
- Very easy to access
- Large usable volume
- Simple, fast assembly – just clips into the 10 mm slot
- Cover cap for sealing the cable duct with pre-punched holes for running cables through
- VDE certified
- An ESD-conductive connection made of plastic between the profile and the cable duct must be ensured by a suitable design solution, e.g. screw

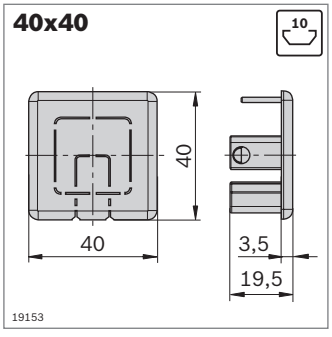




	L (mm)	Color	ESD		No.
Cable duct 40x20	2000	Signal gray		1	**3 842 557 443**
Cover cap 40x20		Signal gray		10	**3 842 557 444**
Cable duct 40x20	2000	Black	ESD	1	**3 842 555 670**
Cover cap 40x20		Black	ESD	10	**3 842 555 671**

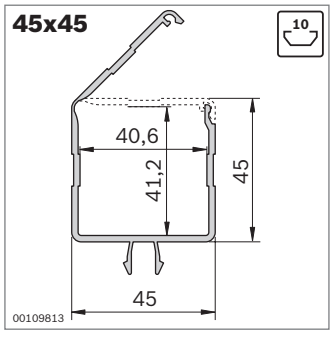
Material: Cable duct: PVC
Cover cap: PP
Scope of delivery: Cover cap incl. fastening screws

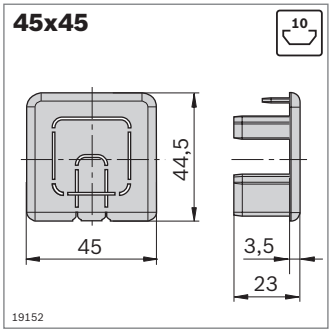




	L (mm)	Color	ESD		No.
Cable duct 40x40	2000	Signal gray		1	**3 842 549 894**
Cover cap 40x40		Signal gray		10	**3 842 551 004**
Cable duct 40x40	2000	Black	ESD	1	**3 842 549 895**
Cover cap 40x40		Black	ESD	10	**3 842 551 005**

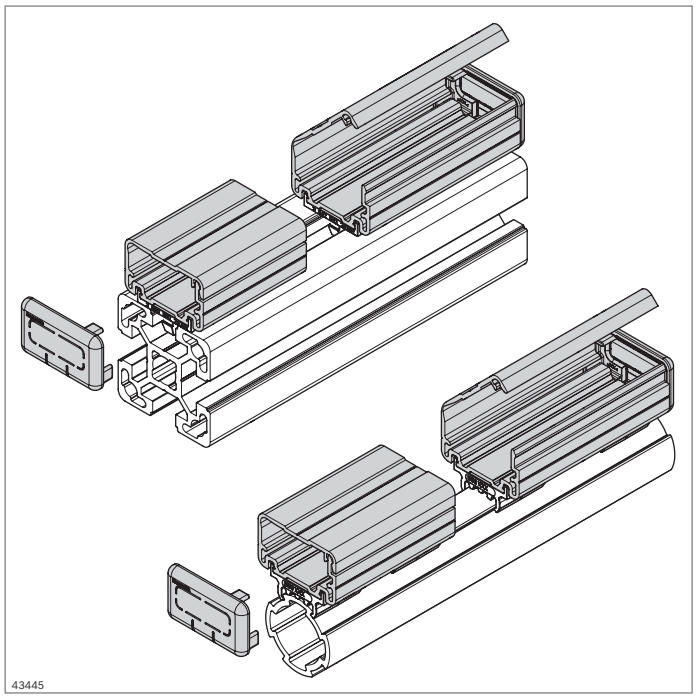
Material: Cable duct: PVC
Cover cap: PP
Scope of delivery: Cover cap incl. fastening screws





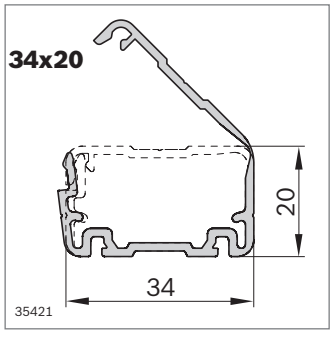
	L (mm)	Color	ESD		No.
Cable duct 45x45	2000	Signal gray		1	**3 842 549 896**
Cover cap 45x45		Signal gray		10	**3 842 551 006**
Cable duct 45x45	2000	Black	ESD	1	**3 842 549 897**
Cover cap 45x45		Black	ESD	10	**3 842 551 007**

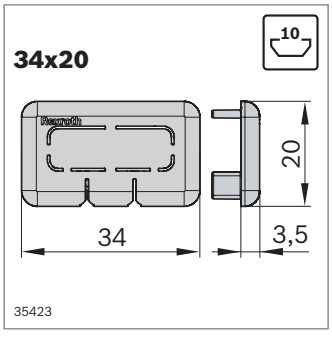
Material: Cable duct: PVC
Cover cap: PP
Scope of delivery: Cover cap incl. fastening screws



Cable duct, plastic, universal

- Cable duct for laying lines
- Captive cover
- Simple, fast assembly by clicking using assembly base at strut profiles with 8 mm and 10 mm groove or D28L round tube
- Cover cap for sealing the cable duct with pre-punched holes for running cables through
- VDE certified*

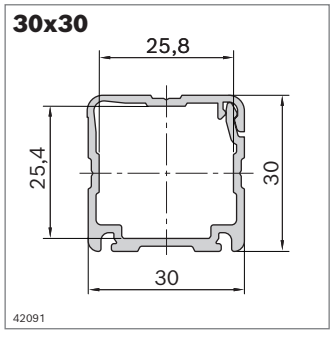


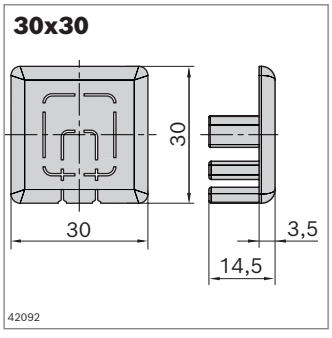


	L (mm)	Color	ESD		No.
Cable duct 34x20	2000	Signal gray		1	**3 842 559 336**
Cover cap 34x20		Signal gray		10	**3 842 559 340**
Cable duct 34x20	2000	Black		1	**3 842 559 335**
Cover cap 34x20		Black		10	**3 842 559 339**

Material: Cable duct: PVC
Cover cap: PP

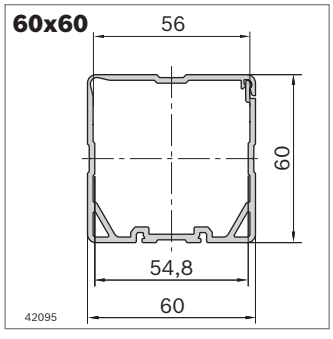
* Cable duct 34x20 not VDE-certified

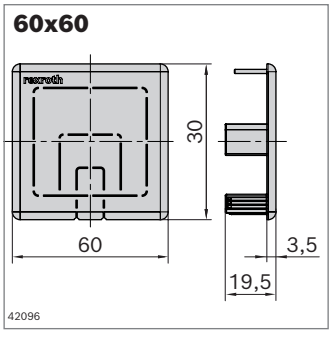




	L (mm)	Color	ESD		No.
Cable duct 30x30	2000	Signal gray		1	**3 842 562 096**
Cover cap 30x30		Signal gray		10	**3 842 562 100**
Cable duct 30x30	2000	Black		1	**3 842 562 095**
Cover cap 30x30		Black		10	**3 842 562 099**

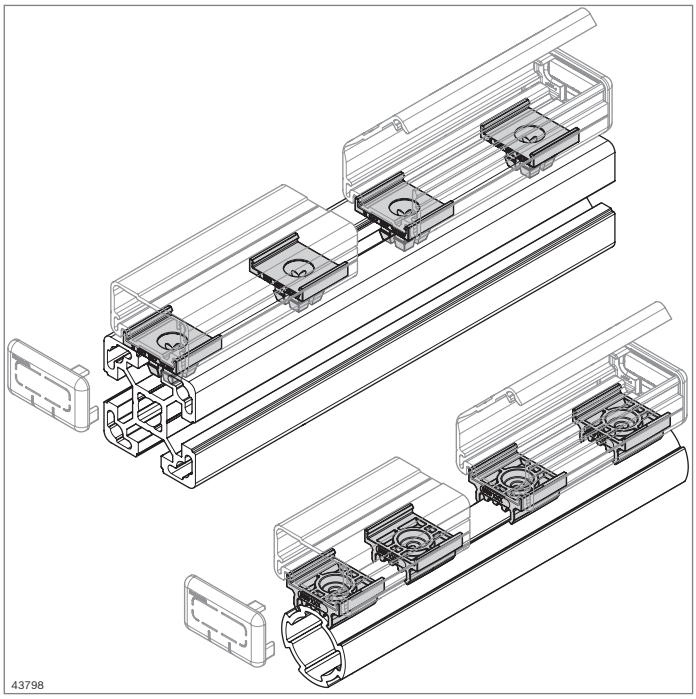
Material: Cable duct: PVC
Cover cap: PP





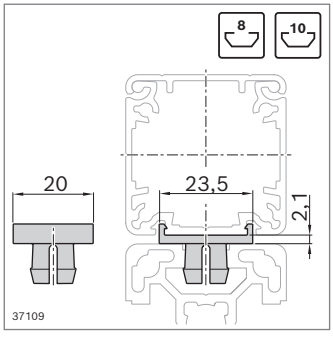
	L (mm)	Color	ESD		No.
Cable duct 60x60	2000	Signal gray		1	**3 842 562 098**
Cover cap 60x60		Signal gray		10	**3 842 562 102**
Cable duct 60x60	2000	Black		1	**3 842 562 097**
Cover cap 60x60		Black		10	**3 842 562 101**

Material: Cable duct: PVC
Cover cap: PP



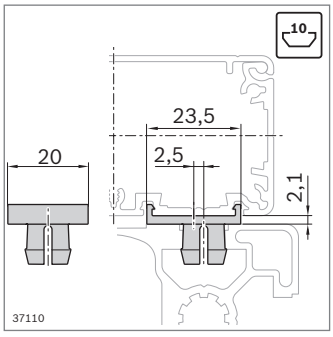
Mounting base

- For machining-free mounting of the cable duct on the support profile
- For “Universal” and “Aluminum” cable ducts
- Insulates the cable duct from the support profile



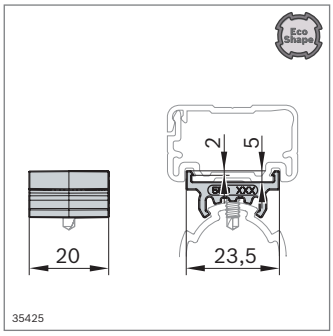
- “Symmetrical mounting base” design for central installation of the cable duct on profiles

Mounting base	Slot	Color	ESD		No.
Symmetrical	8	Signal gray		10	**3 842 562 121**
	8	Black	⚠	10	**3 842 564 725**
	10	Signal gray		10	**3 842 552 247**
	10	Black	⚠	10	**3 842 564 726**
Material:	PA				



- “Symmetrical mounting base” design for central mounting on profiles with multiple slots on the mounting side and 45 mm modular dimension

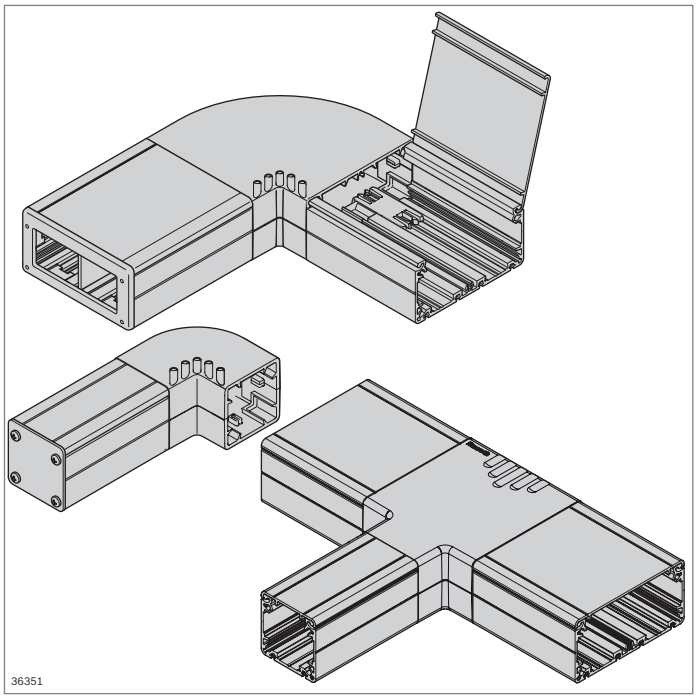
Mounting base	Slot	Color	ESD		No.
Asymmetrical	10	Signal gray		10	**3 842 552 248**
	10	Black	⚠	10	**3 842 564 727**
Material:	PA				

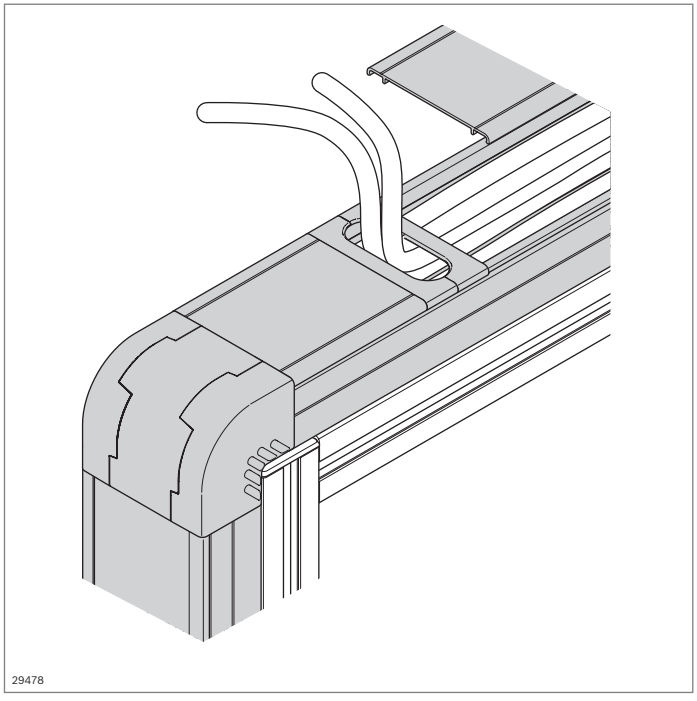


- Additional stabilization of D28L mounting bases and establishing an ESD-compliant connection between profile and base can be realized using self-tapping screw (3 842 552 267)

Recommended accessories: Self-tapping screw

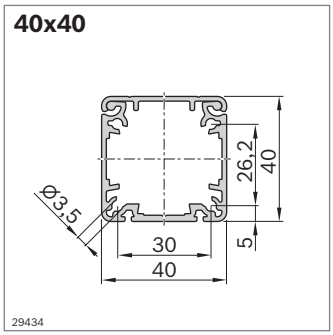
Mounting base	Color	ESD		No.
D28L	Signal gray		10	**3 842 559 338**
	Black	⚠	10	**3 842 559 337**
Material:	PA			

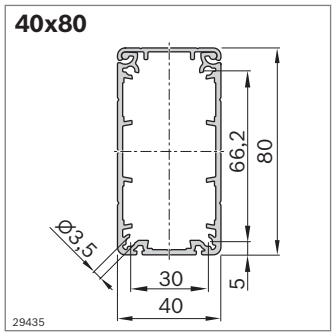


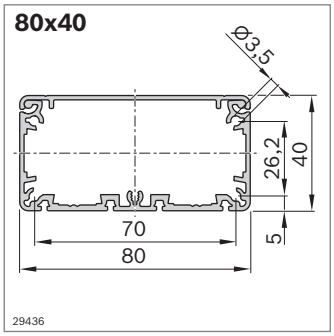


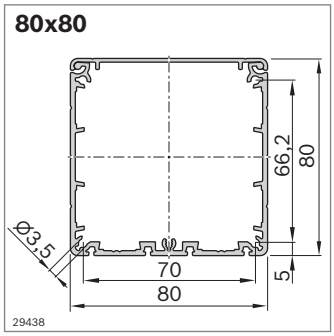
Aluminum cable duct

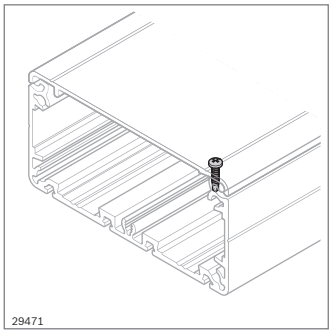
- Can be either clipped or screwed onto the support profile
- Sizes 40x40, 40x80, 80x40, 80x80
- Drilling aids for easy machining
- Dovetail attachment option
- Suitable for installing on profiles with modular dimensions of 40 and 45 mm
- Interior can be divided for routing different cable types (size 80x40 and 80x80)
- For connection of cable ducts via T-piece (p. 11-9)
- ESD-conductive
- High-quality, attractive external finish thanks to anodized duct surface and cover plate
- Edge protector for protecting the cables/lines from being damaged on rough edges
- PG screw fastenings possible in the side wall and cover plate (mechanical finishing)
- Fitting of sockets, switches etc. possible (mechanical finishing)
- Screw holes for secure fastening of the cover plate
- Cable duct cover can be screwed to the base body
- VDE certified
- Compliant with DIN EN 50085-1 and 50085-2-1 standards

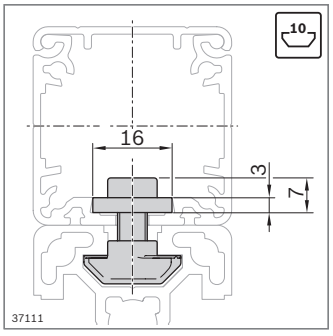












Aluminum cable duct

- Cable duct pre-assembled (cover and base body)
- Usable length 3000 mm (delivered in 3100 mm lengths)
- Cover can be secured with a self-tapping screw

Required accessories:

- Mounting base for clipping in (p. 11-4)
- Mounting kit for screw fastening (p. 11-6)

Accessories, optional:
Self-tapping screw **3 842 552 267**

Cable duct with AL cover plate		ESD	L (mm)	No.
1 pc	**40x40**		100 ... 3000	**3 842 996 356/L**
12 pcs	**40x40**		3000	**3 842 552 268**
1 pc	**40x80**		100 ... 3000	**3 842 996 357/L**
12 pcs	**40x80**		3000	**3 842 552 270**
1 pc	**80x40**		100 ... 3000	**3 842 996 358/L**
12 pcs	**80x40**		3000	**3 842 552 273**
1 pc	**80x80**		100 ... 3000	**3 842 996 359/L**
6 pcs	**80x80**		3000	**3 842 552 275**

Material: Aluminum; anodized

Self-tapping screw

- For securing the cover plate on the cable duct
- Produces conductive connection between the cover plate and cable duct

Self-tapping screw	ESD		No.
Ze. Pi. 3.5x9.5		10	**3 842 552 267**

Material: Steel; zinc-plated

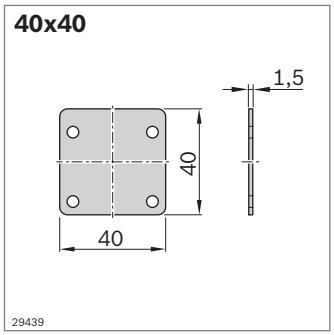
Mounting kit

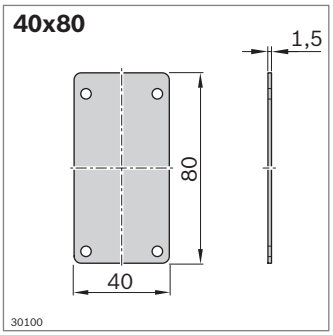
- For screwing the cable duct to the support profile
- Secure force transmission without deformation of the mounting surface
- Cable duct has to be drilled (diameter: 6.4 mm)
- Recommendation: Insert every 500 mm

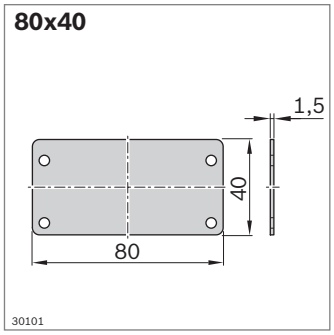
Mounting kit	ESD		No.
		10	**3 842 548 997**

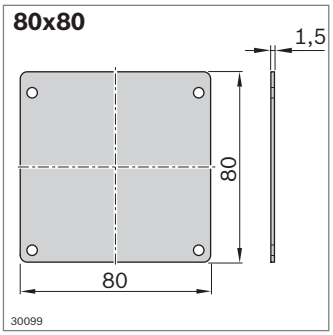
Material: Steel; zinc-plated

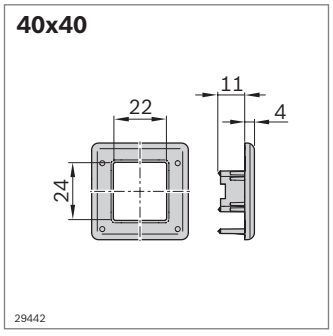
Scope of delivery: Insert sheet; T-nut M6, 10 mm slot; screw M6x16

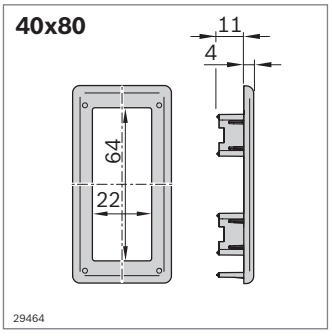


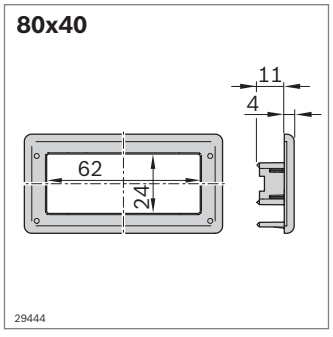


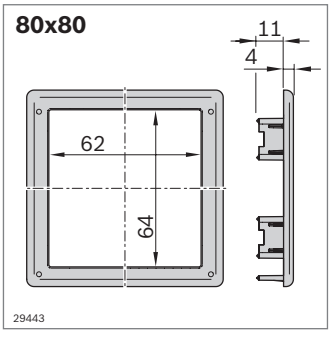












Cover plate

- Seals the end face of the cable duct
- Fastened securely with screws
- Openings for PG screw fastenings can be provided through mechanical finishing

Cover plate	ESD		No.
40x40		10	**3 842 552 249**
40x80		10	**3 842 552 250**
80x40		10	**3 842 552 251**
80x80		10	**3 842 552 252**

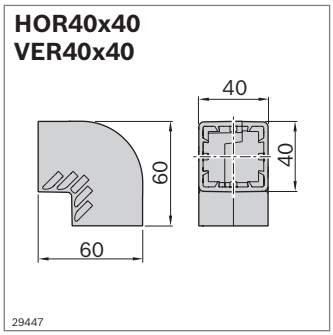
Material: Cover plate: Aluminum; anodized
Pressed edges: Aluminum, plain
Screw: Steel; zinc-plated
Scope of delivery: Cover plate incl. fastening screws

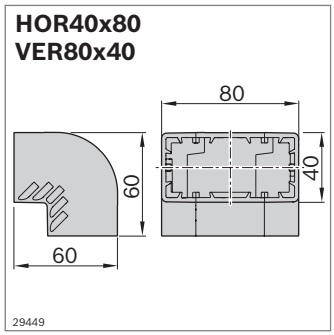
Edge protector

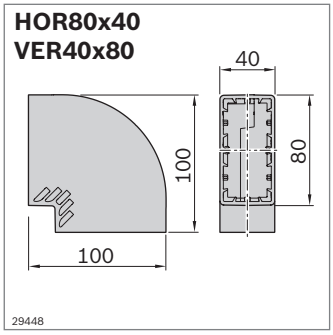
- Used to protect the cables if there is an end face cable outlet
- Can be pushed and also screwed into position
- Can be used to protect the cable at lateral outlets

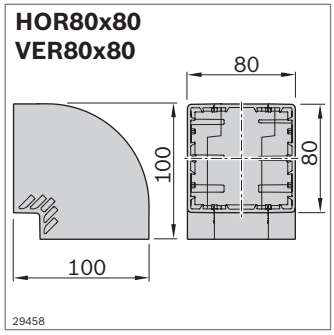
Edge protector		No.
40x40	10	**3 842 552 253**
40x80	10	**3 842 552 254**
80x40	10	**3 842 552 255**
80x80	10	**3 842 552 256**

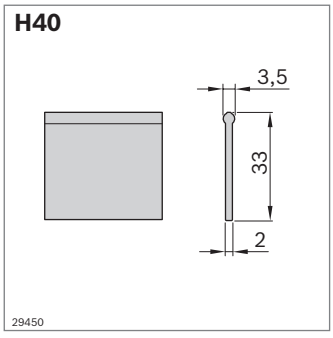
Material: PP; signal gray RAL 7004

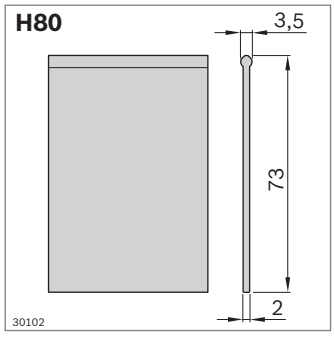


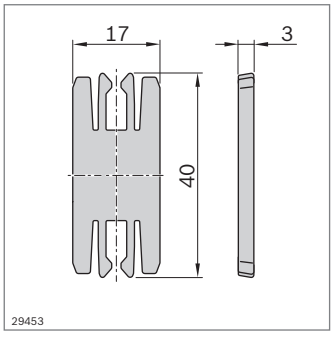












Curve

- 90° curve in horizontal and vertical direction
- Modular design
- Cable ducts connected together with push-in connection elements
- Cable ducts can be made conductive by using supplied potential equalizer line

Curve	ESD*)		No.
HOR40x40; VER40x40	⚠	1	**3 842 552 257**
HOR40x80; VER80x40	⚠	1	**3 842 552 258**
HOR80x40; VER40x80	⚠	1	**3 842 552 259**
HOR80x80; VER80x80	⚠	1	**3 842 552 260**

Material: PP; signal gray RAL 7004

Scope of delivery: Curve, connection elements, potential equalizer line

*) ESD: Plastic has no conductivity. Using a potential equalizer, 2 cable ducts can be connected in a conductive way (s. p. 11-10).

Dividing strip

- Divides the cable duct into 2 chambers for carrying different electric cables, e.g. electricity and data cables
- Push-in installation
- Bendable, so it can also be used on curves

Dividing strip		No.
H40 L=3000 mm	10	**3 842 552 245**
H80 L=3000 mm	10	**3 842 552 246**

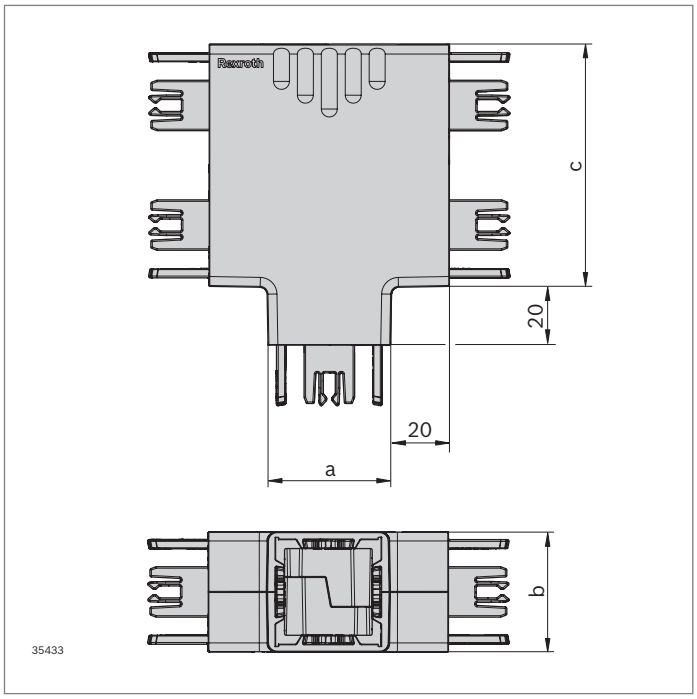
Material: PVC; signal gray RAL 7004

Connection element

- Extension of ends of cable ducts
- For connecting cable duct with curve
- ESD conductivity of both cable ducts can be established by using an overlapping cover and self-tapping screw (p. 11-6)

Connection element		No.
	10	**3 842 552 240**

Material: PA; signal gray RAL 7004



T-piece cable duct

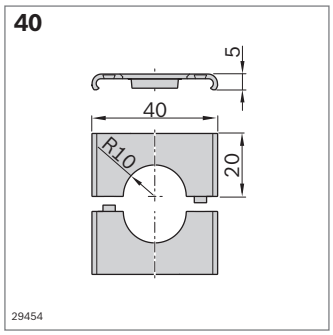
- Modular design
- Cable ducts connected together with push-in connection elements
- Cable ducts can be made conductive by using supplied potential equalizer line
- VDE certified

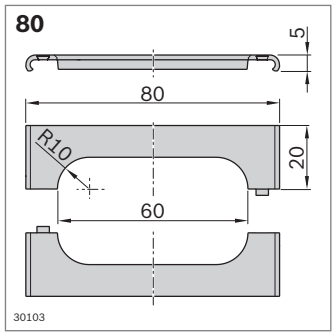
T-piece cable duct	a (mm)	b (mm)	c (mm)	ESD*)	No.
40x40x40	40	40	40		**3 842 558 644**
40x40x80	40	40	80		**3 842 558 646**
40x80x40	40	80	40		**3 842 558 648**
40x80x80	40	80	80		**3 842 558 650**
80x40x40	80	40	40		**3 842 558 651**
80x40x80	80	40	80		**3 842 558 652**
80x80x40	80	80	40		**3 842 558 653**
80x80x80	80	80	80		**3 842 558 654**

Material: PP; signal gray RAL 7004

Scope of delivery: T-piece, connection elements, potential equalizer line

ESD*: Plastic has no conductivity. Using a potential equalizer, cable ducts can be connected in a conductive way

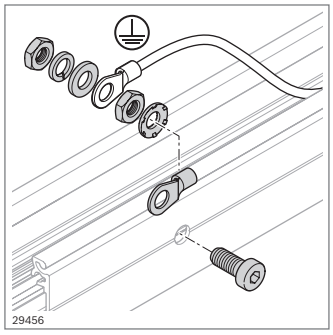




Cable hole

- For passing cables through within the cover

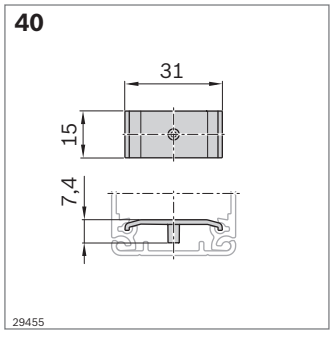
Cable hole		No.
40	10	**3 842 553 973**
80	10	**3 842 553 974**
Material:	PP; signal gray RAL 7004	

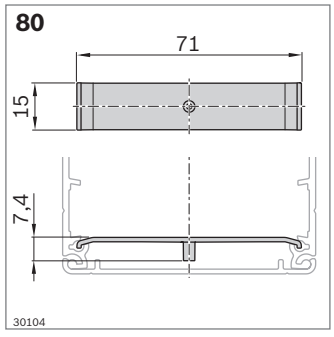


Potential equalizer

- DIN VDE 0100-410 compliant
- For connecting the cable duct to an earthed protective conductor

Potential equalizer		No.
10	10	**3 842 552 263**
Material:	Steel; zinc-plated	
Scope of delivery:	Grounding wire not available	

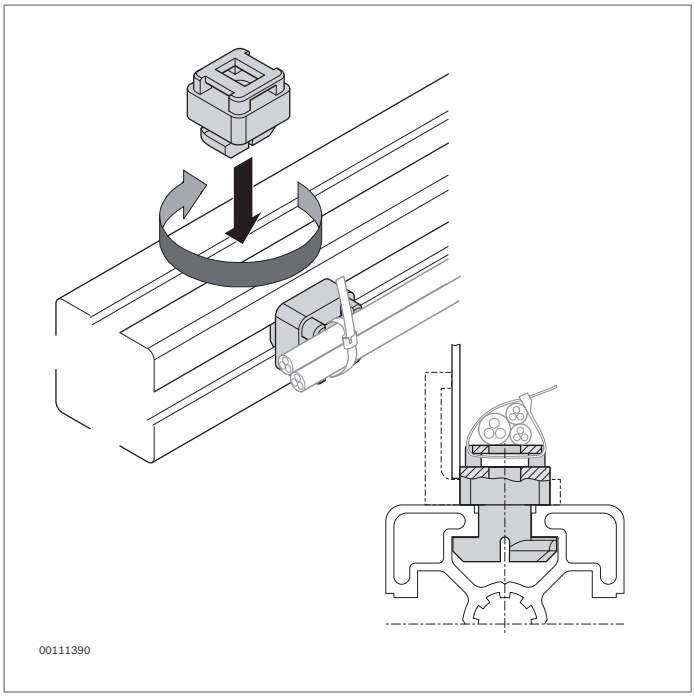




Cable holder

- For fixing the cable in the cable duct in the case of overhead mounting
- Recommendation: Insert every 200 mm

Cable holder		No.
40	10	**3 842 552 265**
80	10	**3 842 552 266**
Material:	PA6; signal gray RAL 7004	

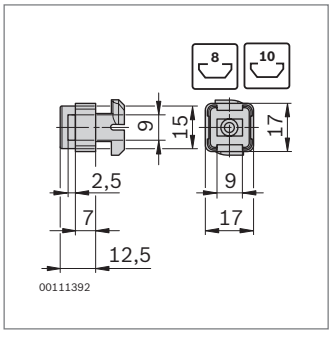


Cable bracket



- Cable bracket for fastening individual cables with cable ties
- For use behind panels or screens
- Dimensioned to match the Variofix block for slot 10 mm

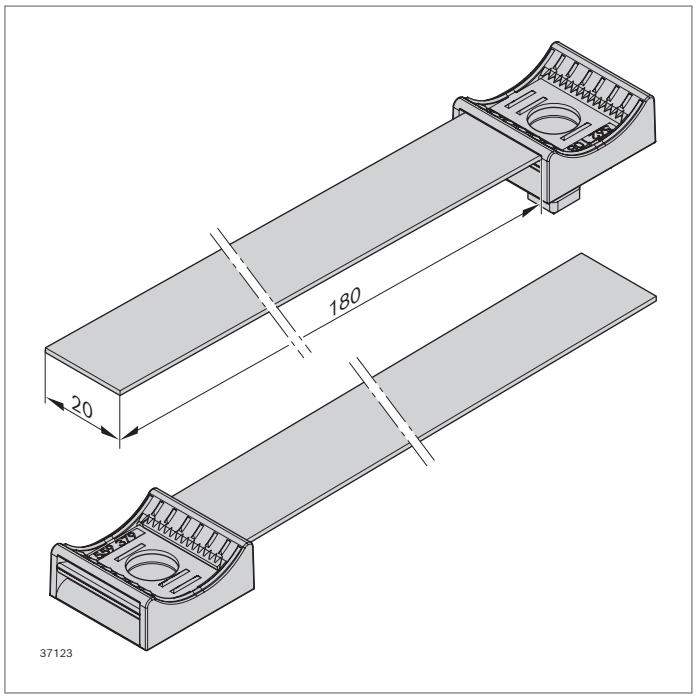
Required accessories:
Cable ties



Cable bracket	Slot	No.
	8	100 **3 842 555 182**
	10	100 **3 842 555 180**

Material: PA; signal gray RAL 7004

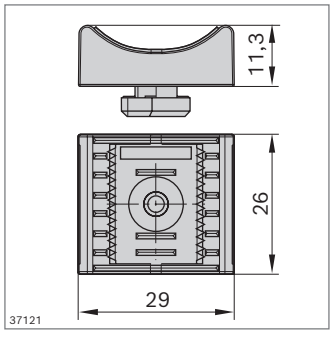
11



Cable bracket loop

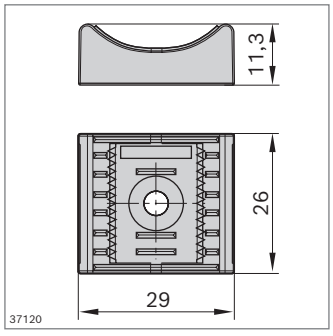


- Cable bracket with Velcro strap for gentle guidance of cables and hoses
- Cable brackets with foot can be screwed into the slot without tools. Installation parallel or vertical to the slot possible.
- Cable bracket loop flat for assembly on panel elements or to EcoShape adapter (3 842 562 115)
- Clamping area: 5 ... 35 mm
- Length: L = 180 mm



Cable bracket loop	Slot		No.
	8	10	**3 842 559 381**
	10	10	**3 842 559 382**

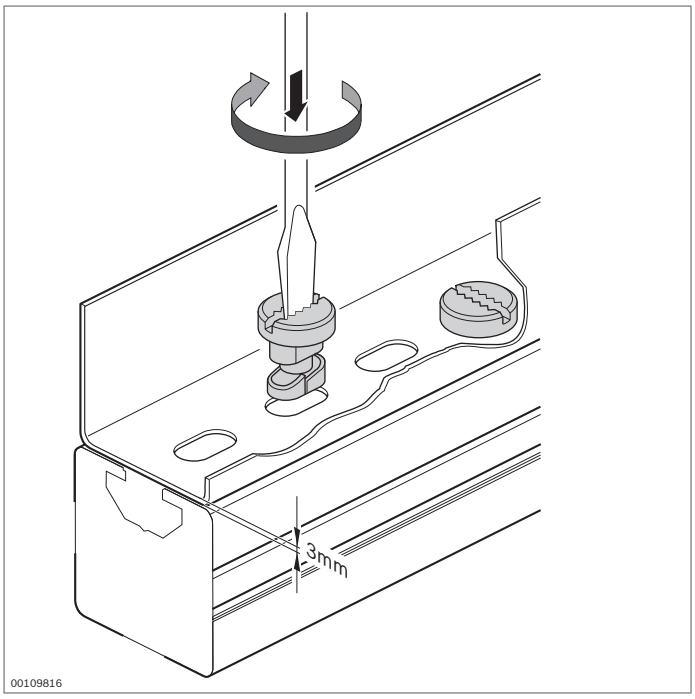
Material:	Cable bracket: PP (conductive), black, UL certified Velcro strap: PP, PA (velour), UL certified
Scope of delivery:	Incl. Velcro strap, pre-assembled



- Accessories: Adapter D28L; countersunk screw

Cable bracket loop flat		No.
	10	**3 842 559 380**

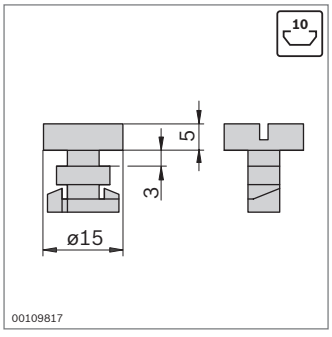
Material:	Cable bracket: PP (conductive), black, UL certified Velcro strap: PP, PA (velour), UL certified
Scope of delivery:	Incl. Velcro strap, pre-assembled



Quick-lock

10

- Quick-lock for fastening standard commercially available cable ducts



Quick-lock		No.
		100 **3 842 146 920**
Material:	PA; black	

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