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CABLE MANAGEMENT

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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

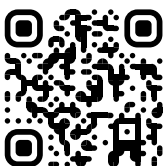
Hook-and-loop blocks allow cables and lines to be added and removed. With the special slot hammer 45° the hook-and-loop blocks can be mounted lengthwise or crosswise to the slot. The hook-and-loop blocks can also be easily mounted by turning them an eighth of a turn in the slot. The hook-and-loop tape 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.

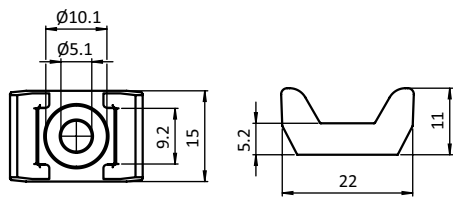


Get to know it
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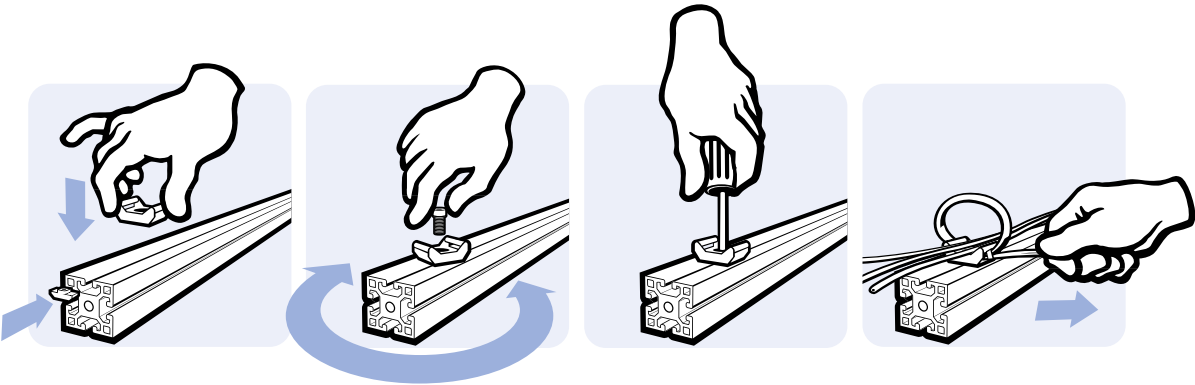
cable-fixation.fath24.com

UNIVERSAL CABLE BINDING BLOCK

MODEL	Plastic PA, slot 5-12
DESCRIPTION	To fix cables to aluminum profiles; to be mounted with a hammer nut
MATERIAL	Plastic PA, glass fiber reinforced
COLOR	Black
PACK QUANTITY	100 pieces
SPECIALS	Other colors on request
TIP	Compatible Hammer Nuts see 096H0610 et seq.

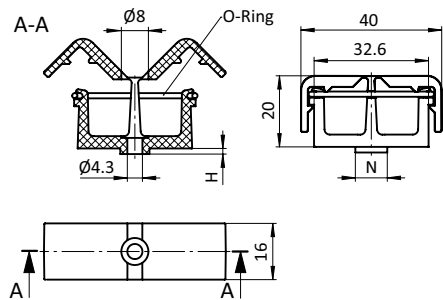


Weight [g]	Part #
1.6	093059

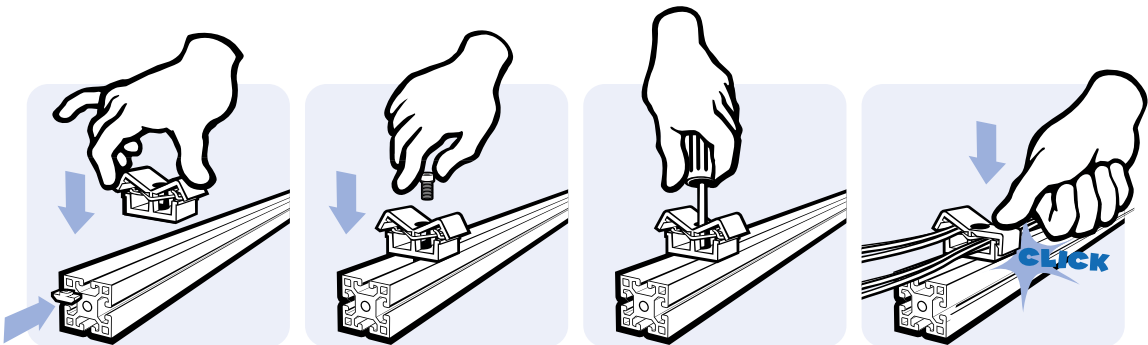


CLIP CABLE BINDER - 2 CHAMBERS

MODEL	2 chambers
DESCRIPTION	To fix cables without the need for cable ties, can be opened and closed again
MATERIAL	Clip: Plastic PA Rubber: FPM 70
COLOR	Black
FASTENING	From the front, using M4 lens or socket head screws
PACK QUANTITY	10 pieces
SPECIALS	ESD electrostatical discharging, other sizes, other colors on request

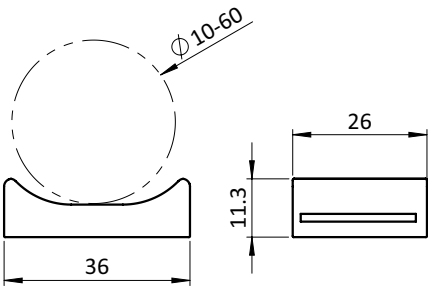


H [mm]	N	Weight [g]	Part #
-		7.0	093401
1.6	8	7.0	093401N08
2.5	10	7.0	093401N10



UNIVERSAL HOOK-AND-LOOP BLOCK

MODEL	Plastic PA, slot 5-12
DESCRIPTION	To fix cables to aluminum profiles; to be mounted with a hammer nut
MATERIAL	Cable binding block: Plastic PA, glass fiber reinforced Hook-and-loop strap: Plastic PP (UL94-V2)
COLOR	Cable binding block: Black Hook-and-loop strap: Black
FASTENING	From the front, using M4 or M5 countersunk screws
PACK QUANTITY	10 pieces
TIP	Compatible Hammer Nuts see 096H0610 et seq.

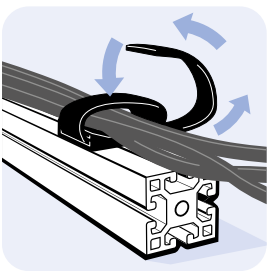
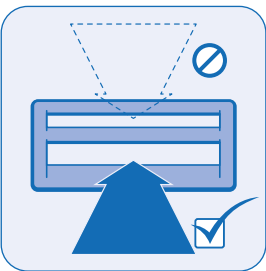
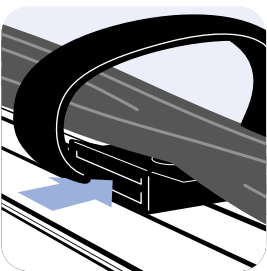
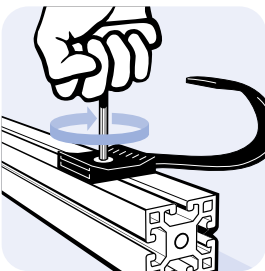
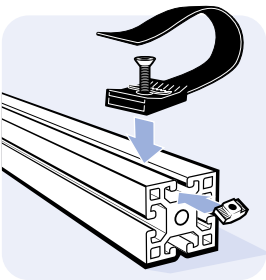


Weight [g]

Part #

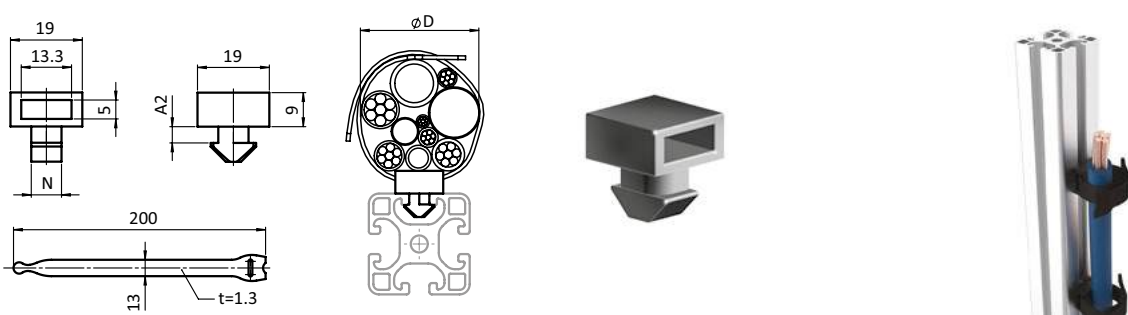
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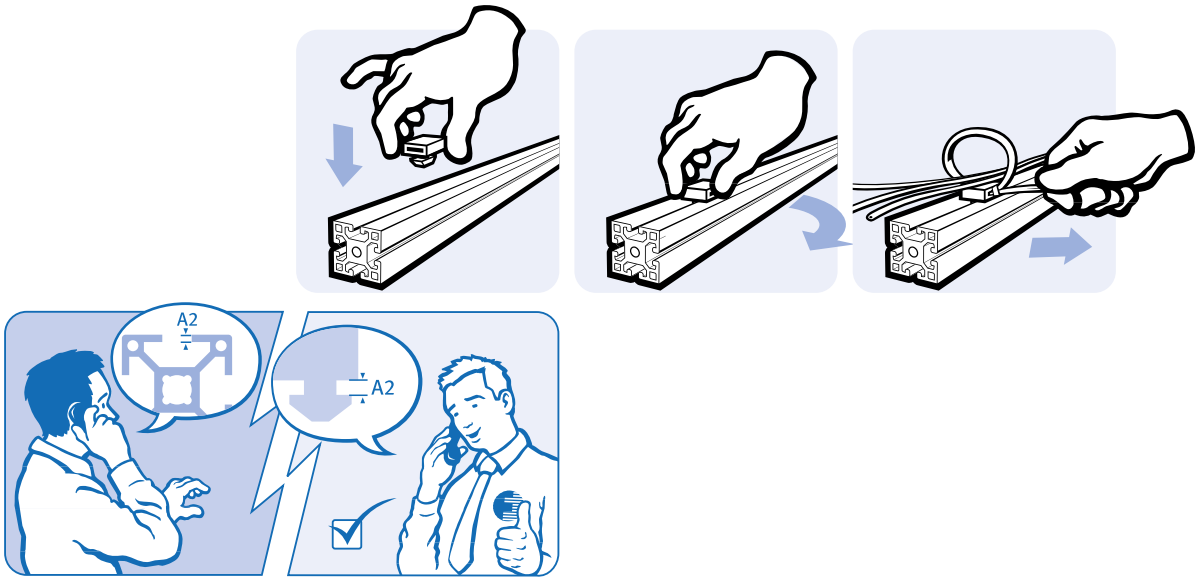
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CABLE BINDER BLOCK

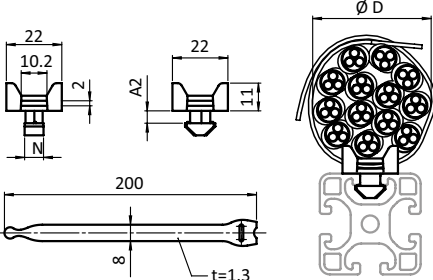
MODEL	Plastic PA, Slot 8, 10
DESCRIPTION	To fix cables to aluminum profiles; can be mounted into the slot by a quarter turn
MATERIAL	Cable binding block: Plastic PA, glass fiber reinforced Velcro® strap: Plastic PE (hook), Plastic PA (loop)
COLOR	Black
PACK QUANTITY	100 pieces
SPECIALS	Customized hammer, other colors on request

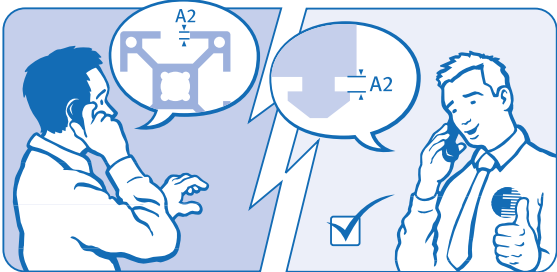
						
Version	ØD [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
		4.3 (4.5)	8	3.3	I	093054
		4.4 (4.5)	8	3.5	I	093051
		1.8 (2.2)	8	3.4	B	093058
		5.9 (6.0)	10	4.0	B	093050
With Velcro® strap		≤ 50	4.3 (4.5)	8	5.0	093054S03



CROSS CABLE BINDER BLOCK

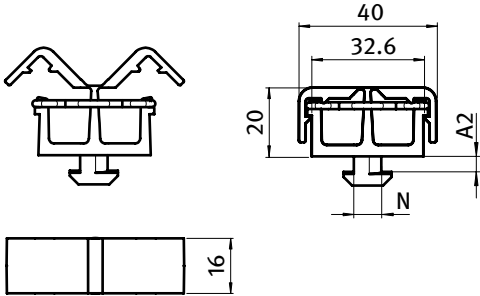
MODEL	Plastic PA, Slot 8, 10
DESCRIPTION	To fix cables to aluminum profiles in two directions; can be mounted into the slot by a quarter turn
MATERIAL	Cable binding block: Plastic PA, glass fiber reinforced Velcro® strap: Plastic PE (hook), Plastic PA (loop)
COLOR	Black
PACK QUANTITY	100 pieces
SPECIALS	Customized hammer, other colors on request

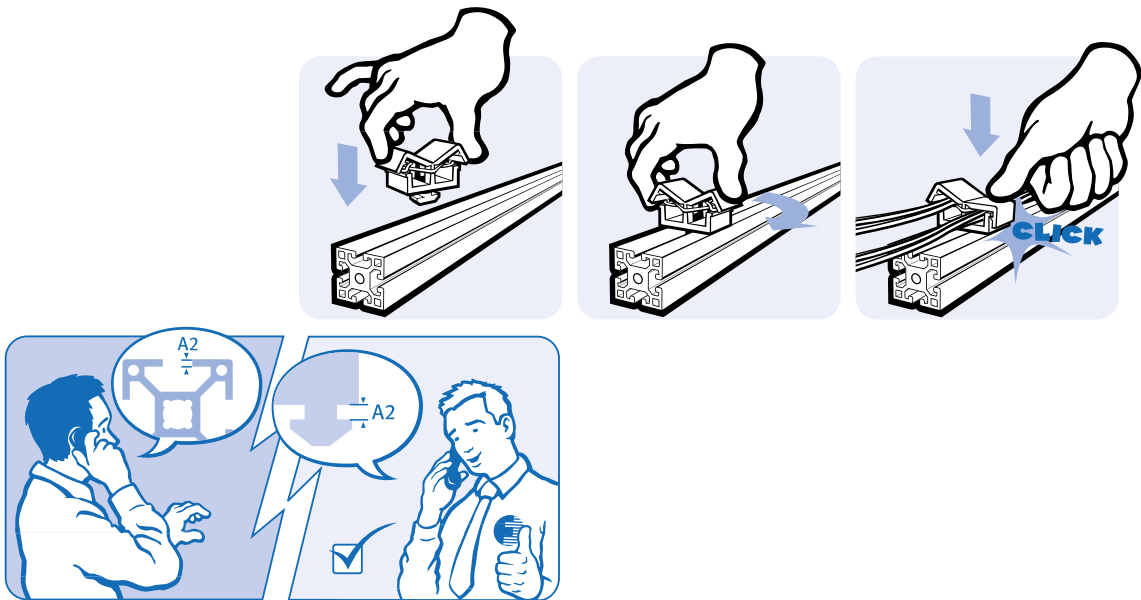
							
Version	ØD [mm]	A2 (Profile) [mm]	N	Weight [g]	Profile	Part #	
		4.4 (4.5)	8	3.8	I	093254	
		4.6 (4.5)	8	4.0	I	093251	
		2.1 (2.2)	8	3.6	B	093258	
		5.8 (6.0)	10	4.4	B	093249	
With Velcro® strap	≤ 50	4.4 (4.5)	8	5.5	I	093254S03	
	≤ 50	5.8 (6.0)	10	6.1	B	093249S03	



CLIP CABLE BINDER - 2 CHAMBERS - WITH HAMMER

MODEL	2 chamber fixation for cables and tubes
DESCRIPTION	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
MATERIAL	Clip: Plastic PA Rubber: FPM 70
COLOR	Black, gray
PACK QUANTITY	10 pieces
SPECIALS	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

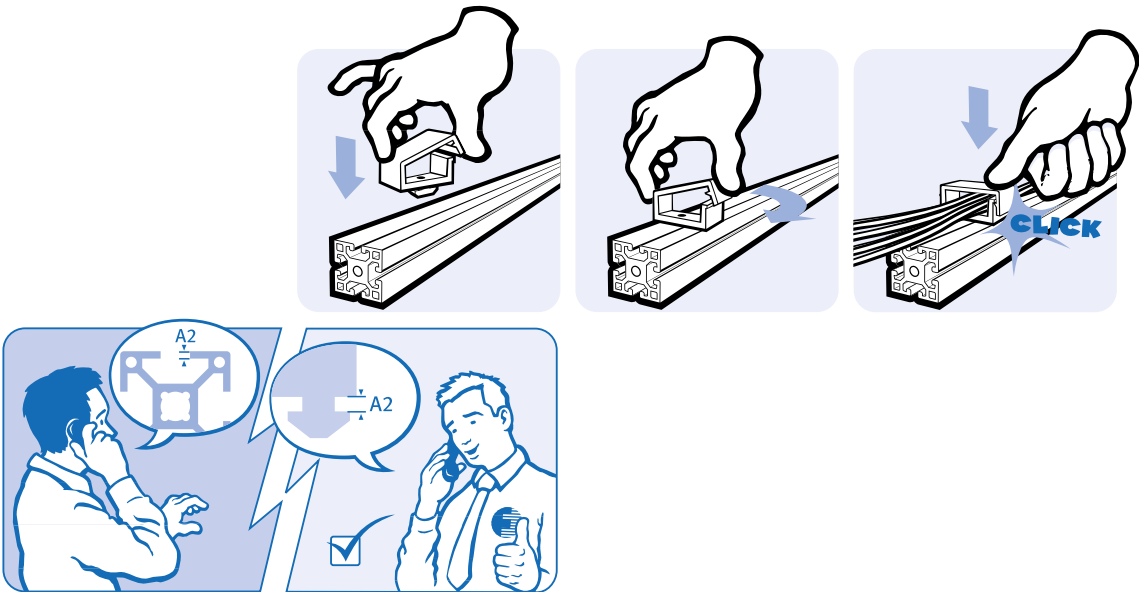


CLIP CABLE BINDER - 1 CHAMBER - WITH HAMMER

MODEL	1 Chamber
DESCRIPTION	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
MATERIAL	Plastic PA
COLOR	Black
PACK QUANTITY	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

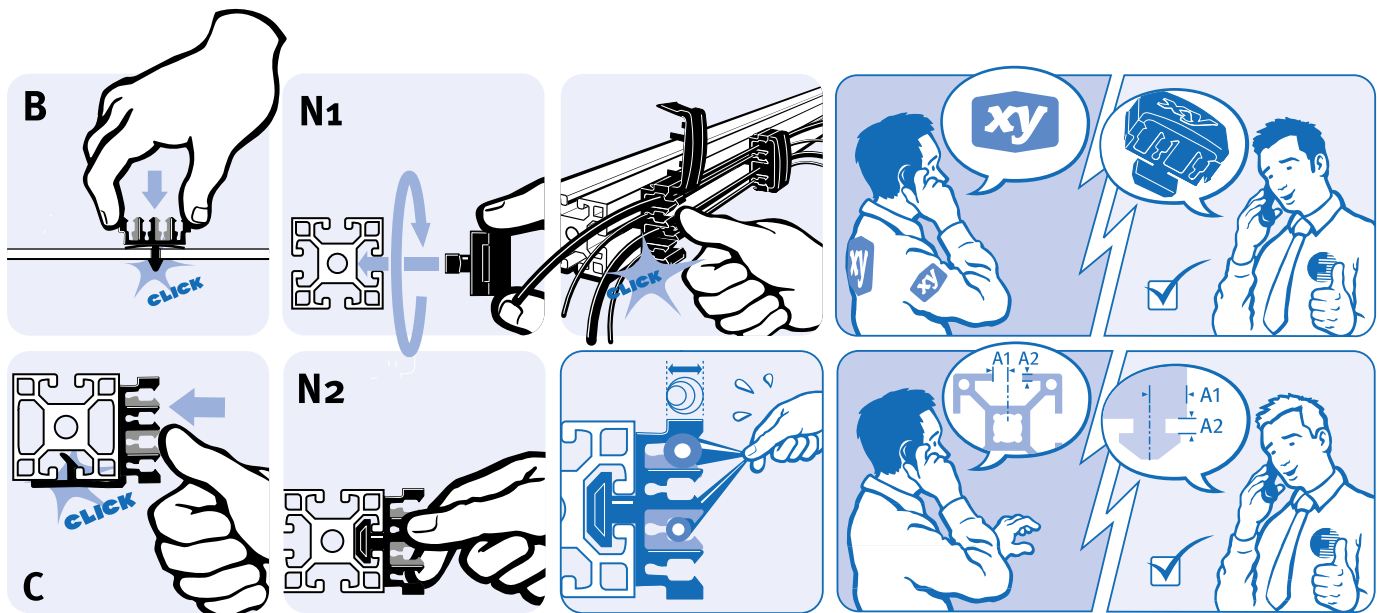


SNAP-CABLE-BINDING WITH HAMMER

MODEL	Ø 5.0 - 7.6 mm outside diameter
DESCRIPTION	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
MATERIAL	Plastic PA
COLOR	Black
PACK QUANTITY	100 pieces
SPECIALS	Customized hammer, other sizes, other colors, material additives and with individual logo on request

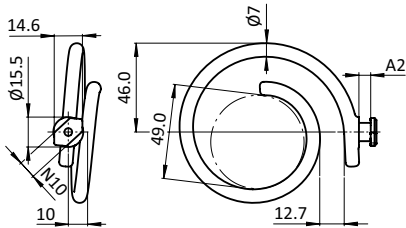


	Version	Slot	A1 [mm]	A2 (Profile) [mm]	Hole	Weight [g]	Profile	Part #
(N) Hammer for slot		8	8.0	4.4 [4.5]		10.8	I	093611N08
		10	10.0	5.7 [6.0]		10.4	B	093610N10
(N) Hammer for slot incl. cover cap		8	8.0	4.4 [4.5]		10.8	I	093611AN08

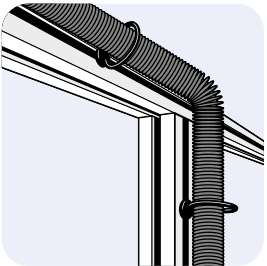
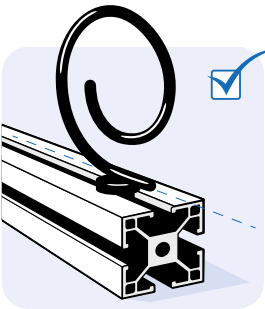
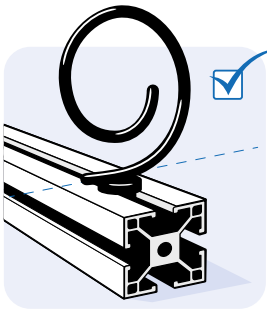
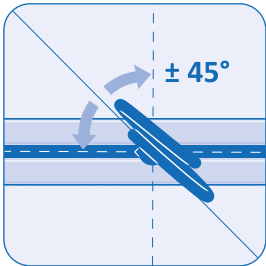
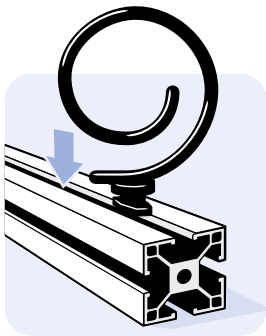


RING CABLE BINDER

MODEL	Plastic PA, Slot 10
DESCRIPTION	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
MATERIAL	Plastic PA, glass ball reinforced
COLOR	Black
PACK QUANTITY	100 pieces
SPECIALS	Other colors on request

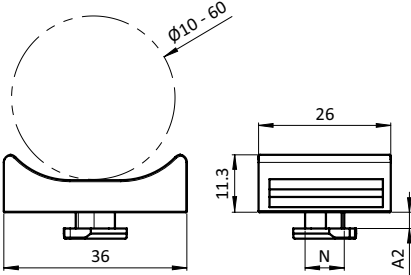


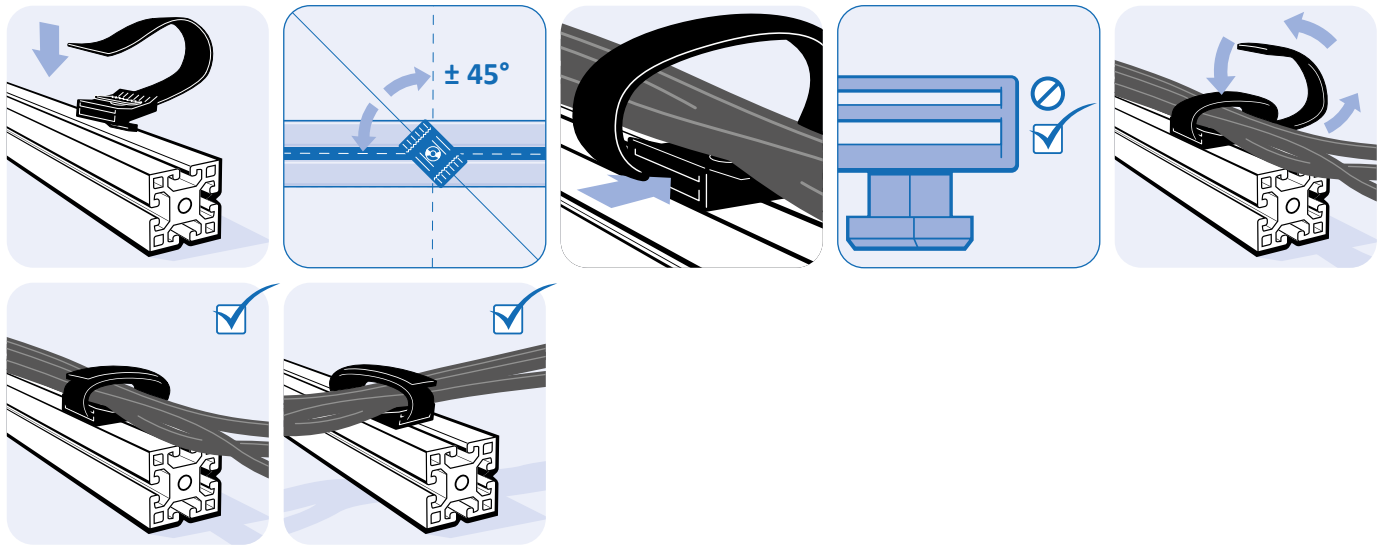
A2 (Profile) [mm]	N	Weight [g]	Profile	Part #
5.9 (6.0)	10	16.0	B	093821N10



HOOK-AND-LOOP BLOCK

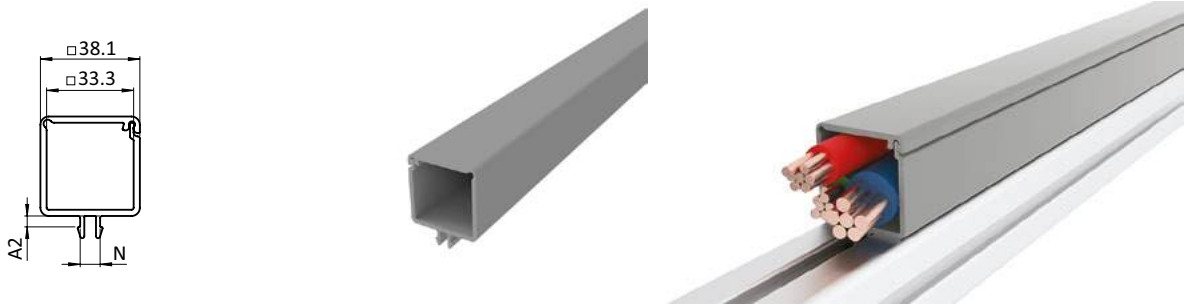
MODEL	Plastic PA, Slot 8, 10
DESCRIPTION	To fix cables to aluminum profiles in two directions without the need for cable ties, can be opened and closed again; can be mounted into the slot by an eight of a turn
MATERIAL	Cable binding block: Plastic PA, glass fiber reinforced Hook-and-loop strap: Plastic PP (UL94-V2)
COLOR	Cable binding block: Black Hook-and-loop strap: Black
PACK QUANTITY	10 pieces

					
ØD [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

MODEL	Profile 40 and up
DESCRIPTION	To lay cables and hoses along the profile slot, reclosable
MATERIAL	Plastic PVC
COLOR	Gray
PACK QUANTITY	20 meters (10 pieces at 2 m)
SPECIALS	Other colors on request
TIP	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	093715N0874
	Gray ≈ RAL 7004	6.1 (6.0)	10	806.0	B	093715N1071

QUICK CONNECTOR

MODEL	For cable ducts
DESCRIPTION	To fasten cable ducts to aluminum profiles
MATERIAL	Plastic PA, glass fiber reinforced
COLOR	Black
PACK QUANTITY	100 pieces



Slot	Weight [g]	Profile	Part #
10	3.0	B	093QFN10

