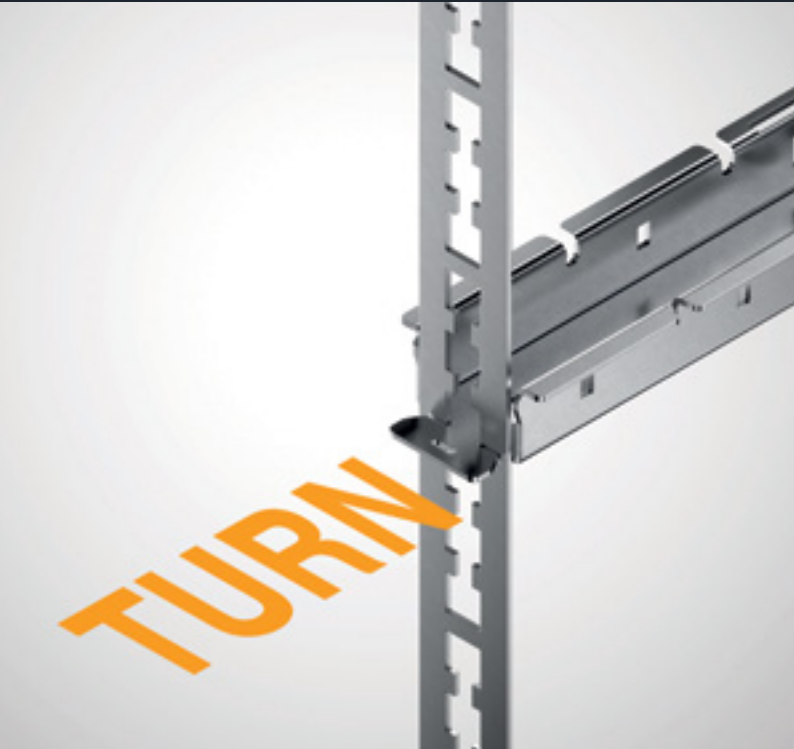




FIX

MAGICFIX

FEWER
SCREWS.
MORE
SPEED.



TURN



CLICK

Building Connections

OBO
BETTERMANN

MAGICFIX

CLICK – AND SAVE TIME



Fewer screws.
Fewer tools.
More efficiency.

With OBO-MagicFix®, we are bringing a mounting system to construction sites that is reinventing fast installation. It was designed specifically for fast, efficient mounting in response to high time pressure and lower staffing levels. The intelligent click system reduces mounting steps to a minimum, enabling installation virtually free of screws and tools. For everyone working under time pressure who still expects clean and safe mounting.

OBO-MagicFix® is ideal for lightweight OBO routing systems such as GR-Magic, RKS-Magic and LG 60.

OBO-MagicFix®: All the advantages at a glance

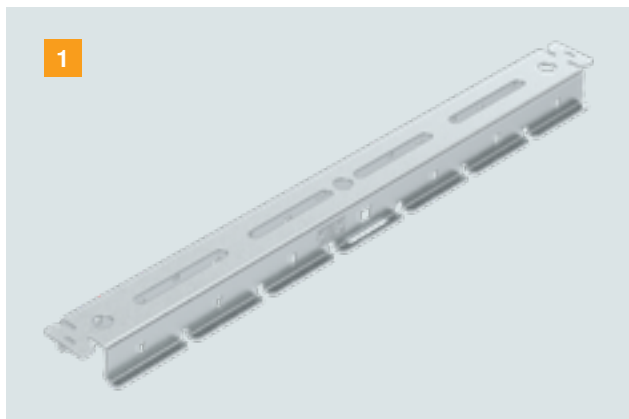
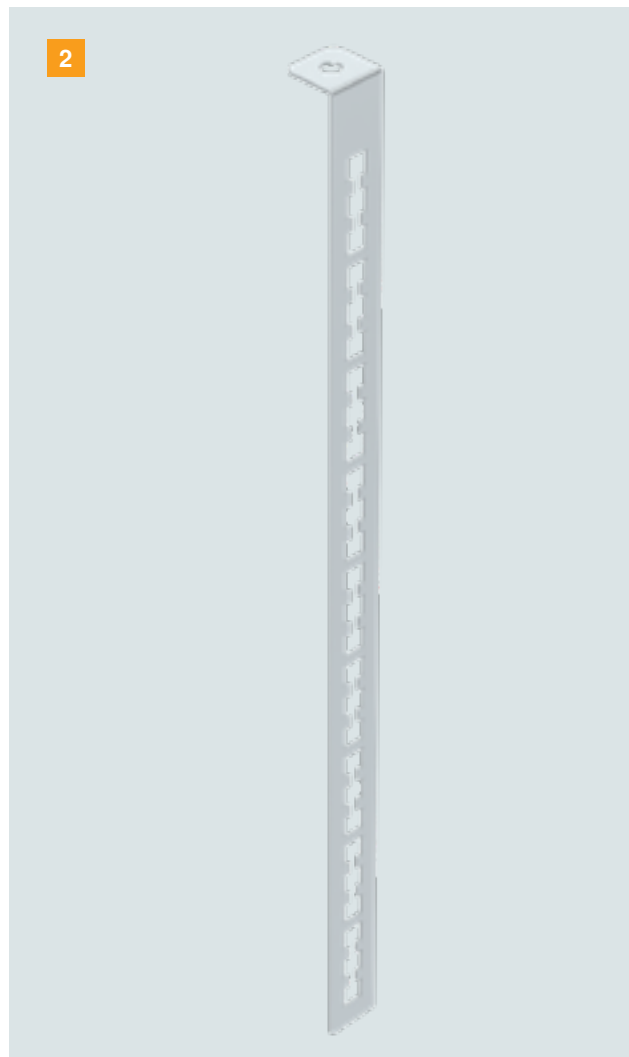
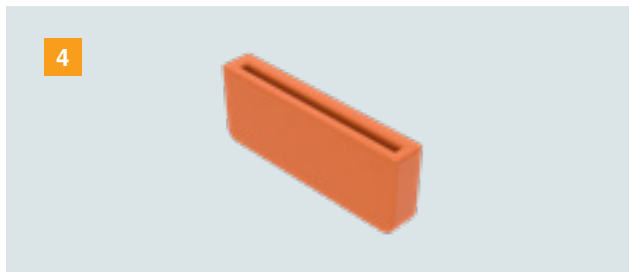
- Up to 70% time savings during mounting
- Installation virtually without the need for screws or tools
- Fewer individual parts on the construction site
- Flexible height adjustment
- Single-layer and multilayer installations possible
- Classic screw fastening also remains an option

Find out more.



The system behind the speed

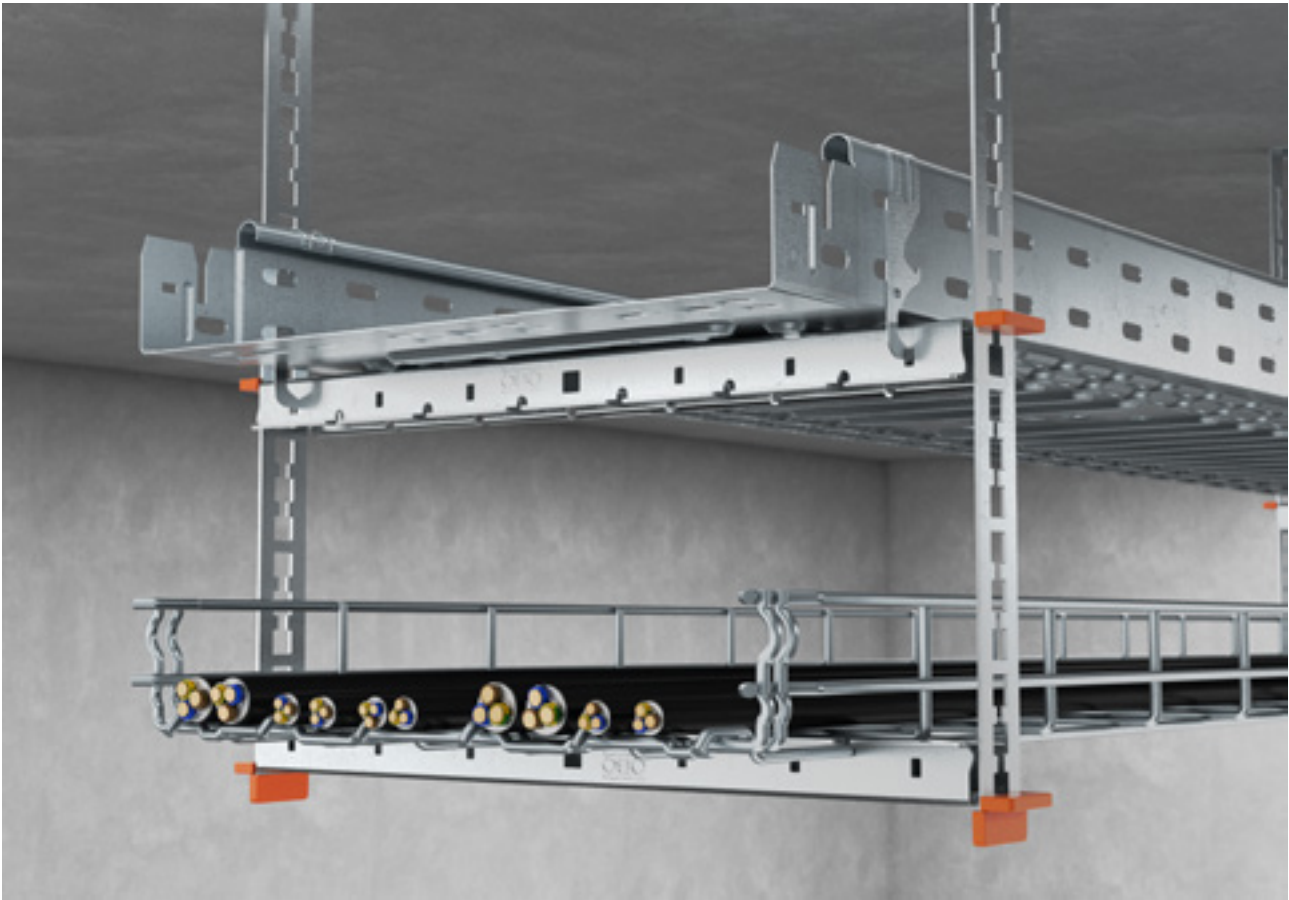
The OBO-MagicFix® components at a glance



- 1 MagicFix support rail** – for supporting lightweight cable support systems with patented Magic fastening for mounting mesh cable tray systems without screws or tools.
- 2 MagicFix – suspension strips** – for modular ceiling mounting with integrated recesses for mounting without screws or tools, as well as flexible height adjustment.
- 3 MagicFix quick fasteners** – for supporting cable trays and cable ladders on the MagicFix support rail without screws or tools.
- 4 MagicFix protective cap** – to protect sharp edges, compatible with the fastening straps of the MagicFix support rail and the end of the MagicFix suspension strip.

Support rail MagicFix

The heart of the system



The heart of the OBO-MagicFix® system is the MagicFix support rail with its patented Magic fastening.

Thanks to its multifunctional design and reverse profile configuration, the support rail offers a wide range of options for the fastening and suspension of mesh cable trays, cable trays and even cable ladders. Compared to standard pendulum suspensions with threaded rods, the system enables fastening virtually free of screws and tools in conjunction with special suspension strips – including a patented clamping bracket especially for GR-Magic.

- Designed for all standard cable tray widths from 50 to 600 mm, including the intermediate width 150 mm
- Mesh cable tray systems can be snapped directly into the support rail without additional mounting materials
- This eliminates additional steps during installation

Quick fastening applications:

- Additional safety for the mesh cable tray
- Fixing of cable trays and ladders
- Simply hook into the support rail and bend over the tray or ladder base, tool-free using your hand or using pliers
 - Optionally, classic screw fitting is still possible via slots integrated into the support rail

Simply hook it in

Suspension strip MagicFix



The MagicFix support rail is mounted using suspension strips. These are fixed to the ceiling using a suitable fastening system. Anchors and fastening materials are selected depending on the substrate as well as the expected load values.

Simply hooked into the suspension strips, the support rail is installed quickly and can be height-adjusted without any tools. Optionally, the suspended support rail can be secured by bending the hooked fastening straps into the suspension strips.

Good to know: Alternatively, the protective cap, which is compatible with both the fastening straps and the ends of the suspension strips, can be put on directly.

Thanks to the recesses in the suspension strips for different height settings, multilayer installations are also possible without having to remove any pre-mounted rungs.

Wide range of applications, flexible mounting



The MagicFix support rail adapts flexibly to a wide range of mounting situations. Thanks to its multifunctional configuration, it enables both classic and modular suspension solutions – fast, versatile and practical.

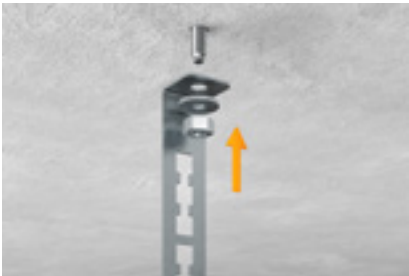
All the possibilities at a glance:

- Conventional suspension with threaded rods
- Modular mounting with suspension strips
- Suitable for pendulum and centre suspensions
- Ideal for single-layer and multilayer installations
- Also suitable for the spaced mounting of mesh cable trays and cable trays

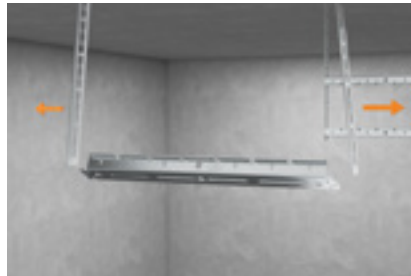
OBO-MagicFix® combines modern, time-saving mounting systems with the proven safety and high load-bearing capacity of classic fastening techniques.

Mounting at a glance:

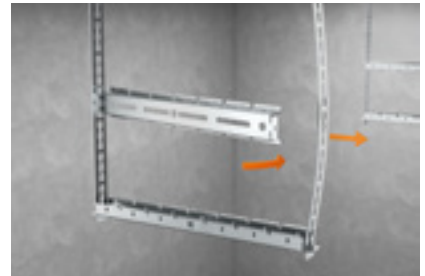
More speed. Less work.



Fasten suspension strips to the ceiling using suitable fastening materials.



Hook the support rail into the corresponding recesses on the suspension strips. Depending on the routing type, rotate the cable or mesh cable tray base upwards. Engage the support rail in the suspension strips.



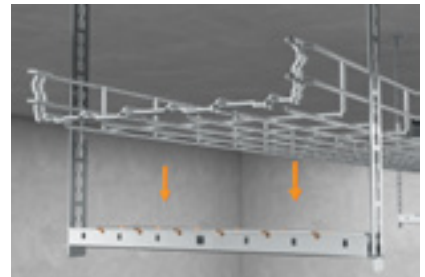
For multilayer installation, bend the suspension strips slightly apart to hook in additional support rails.



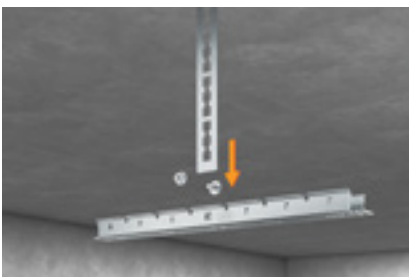
To fasten a cable tray to the support rail, quick fasteners are hooked into the support rail and then bent around the rail edge.



The quick fastener can be bent manually and/or also pressed in using pliers.



To fix a mesh cable tray on the support rail, simply engage the tray in the clamping brackets on the support rail.



To create a centre suspension for one or two mesh cable trays, a single suspension strip is inserted through a slot in the support rail and bolted on.



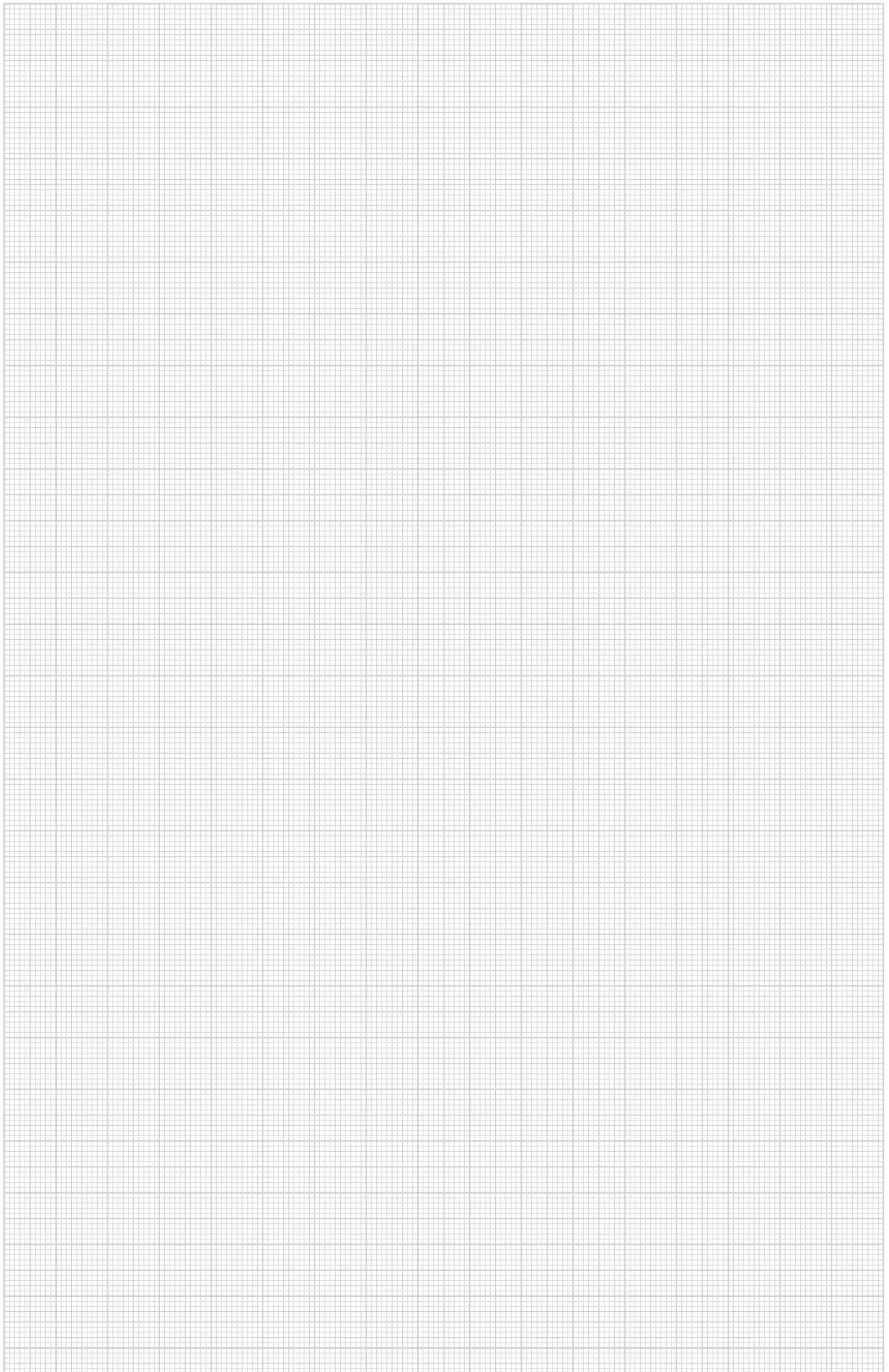
Place the mesh cable tray on the support rail and also fix it with the quick fastener. The protective caps are fitted on the fastening straps of the support rail and on the ends of the suspension strips.

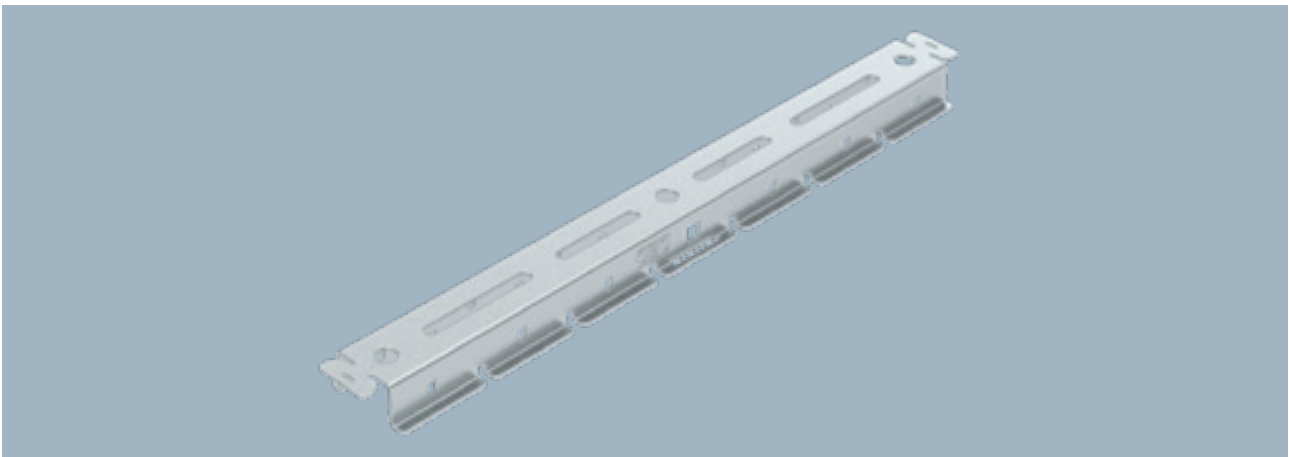


Installation result of a centre suspension of a single mesh cable tray.



Installation result of the multilayer pendulum suspension with cable and mesh cable tray Magic®.

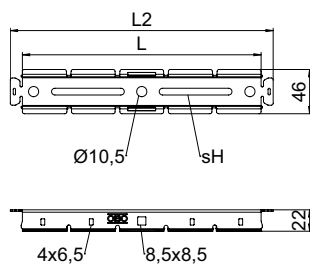




Support rail for light cable trays, mesh cable trays and cable ladders for the creation of pendulum suspensions and centre suspensions. Tool-free fastening through integrated clamp mount for mesh cable trays or additional MagicFix quick fastener for trays and ladders. Screw fastening is also possible. Suspension with MagicFix suspension strips. Tool-free fastening of the support rail on suspension strips using fastening straps.

Type	Version	Connection type	Minimum ordering quantity no.		Item no.
TSM 50 FS	Support profile	Screwless connector	1		6426300
TSM 100 FS	Support profile	Screwless connector	1		6426302
TSM 150 FS	Support profile	Screwless connector	1		6426304
TSM 200 FS	Support profile	Screwless connector	1		6426306
TSM 300 FS	Support profile	Screwless connector	1		6426308
TSM 400 FS	Support profile	Screwless connector	1		6426310
TSM 500 FS	Support profile	Screwless connector	1		6426312
TSM 600 FS	Support profile	Screwless connector	1		6426314

Dimensions

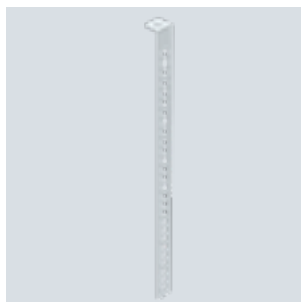
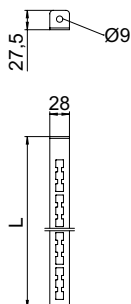


Type	Metal thickness mm	Nominal width mm	Dimension L mm	Dimension L2 mm	Dimension sH mm
TSM 50 FS	1.50	50	96	121	7 x 12
TSM 100 FS	1.50	100	146	171	7 x 28
TSM 150 FS	1.50	150	196	221	7 x 53
TSM 200 FS	1.50	200	246	271	7 x 75
TSM 300 FS	1.50	300	346	371	7 x 48/59
TSM 400 FS	1.50	400	446	471	7 x 58/67
TSM 500 FS	1.50	500	546	571	7 x 48/67
TSM 600 FS	1.50	600	646	671	7 x 68/94/67

Loads

Type	Support load pendulum suspension with ASM for cable trays (SWL)	Support load pendulum suspension with ASM for mesh cable trays (SWL)	Item no.
TSM 50 FS	1 kN	0.8 kN	6426300
TSM 100 FS	1 kN	1 kN	6426302
TSM 150 FS	1 kN	1.1 kN	6426304
TSM 200 FS	1 kN	1.2 kN	6426306
TSM 300 FS	1.25 kN	1.35 kN	6426308
TSM 400 FS	1.5 kN	1.5 kN	6426310
TSM 500 FS	1.25 kN	1.3 kN	6426312
TSM 600 FS	1 kN	1.1 kN	6426314

Suspension strap MagicFix



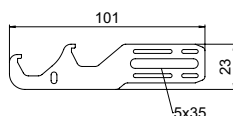
Type	Length mm	Version	Metal thickness mm	Hole Ø mm	Connection type	Minimum ordering quantity no.	Item no.
ASM 50 FS	490	Suspension	1.50	9	Screwless connector	1	6426200
ASM 100 FS	990	Suspension	1.50	9	Screwless connector	1	6426202
ASM 150 FS	1490	Suspension	1.50	9	Screwless connector	1	6426204
ASM 200 FS	1990	Suspension	1.50	9	Screwless connector	1	6426206

Suspension straps for the suspension of the MagicFix support rail from the ceiling, for the creation of pendulum or centre suspensions with light cable trays, mesh cable trays or cable ladders. Graded height adjustments and multilayered installation of trays and ladders possible.

Loads

Type	Support load	Item no.
ASM 50 FS	2.4 kN	6426200
ASM 100 FS	2.4 kN	6426202
ASM 150 FS	2.4 kN	6426204
ASM 200 FS	2.4 kN	6426206

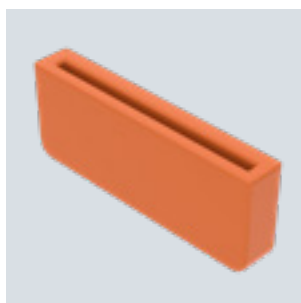
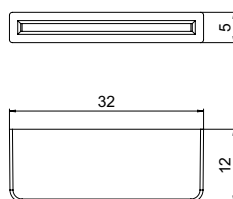
Quick fastener MagicFix



Type	Length mm	Material thickness mm	Version for	Minimum order quantity units	Item no.
SBM FS	101	0.6	Fastening strap	50	6426160

Quick fastener for the fastening of cable trays, mesh cable trays or cable ladders on the MagicFix support rail.

Protective cap MagicFix



Type	Length mm	Width mm	Version for	Minimum order quantity units	Item no.
SKM OR	12	32	End cap	20	6426180

Protective cap to protect sharp edges, fits the fastening straps of the MagicFix support rail and the MagicFix suspension straps.

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