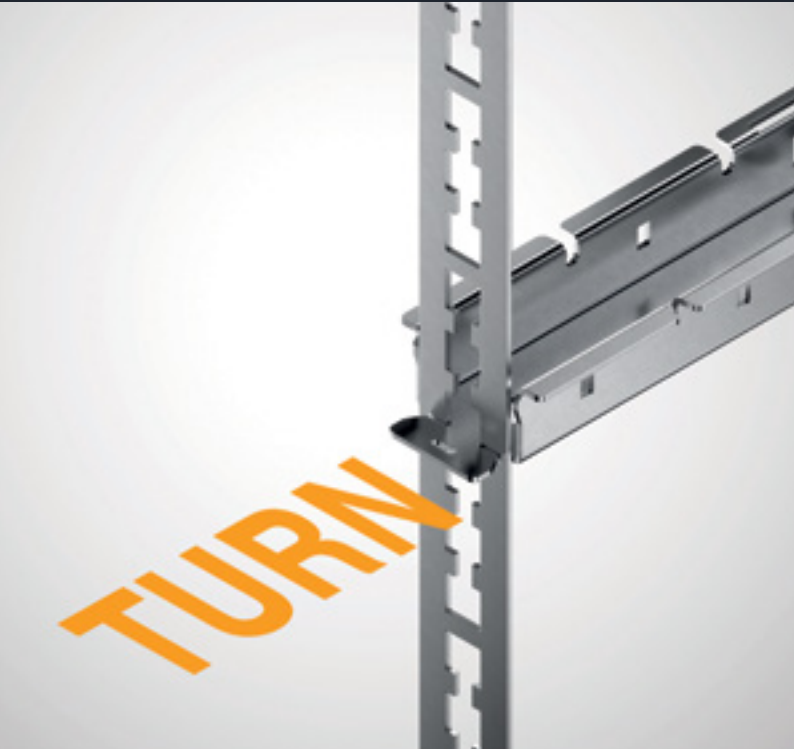




FIX

MAGICFIX

**FEWER
SCREWS.
MORE
SPEED.**



TURN



CLICK

Building Connections

OBO
BETTERMANN

CLICK— AND TIME SAVED

MAGICFIX



Fewer screws.

Fewer tools required.

Less assembly work required.

With OBO-MagicFix®, we are bringing a new approach to construction site assembly. Designed for efficient, quick assembly, it is ideal for projects with tight deadlines and limited staffing levels. The intelligent click system minimises assembly steps and enables installation with virtually no screws or tools. It is ideal for those working under time pressure who still want to carry out clean and safe assembly.

OBO-MagicFix® is particularly well-suited to lightweight OBO installation systems, such as GR-Magic, RKS-Magic and LG 60.

OBO-MagicFix®: All the benefits at a glance

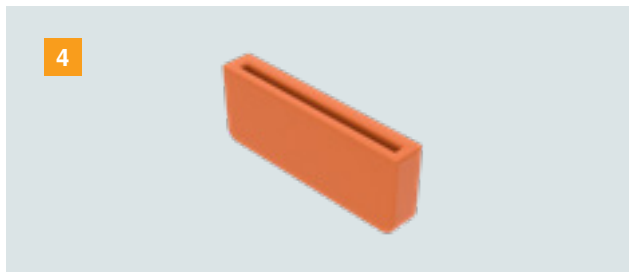
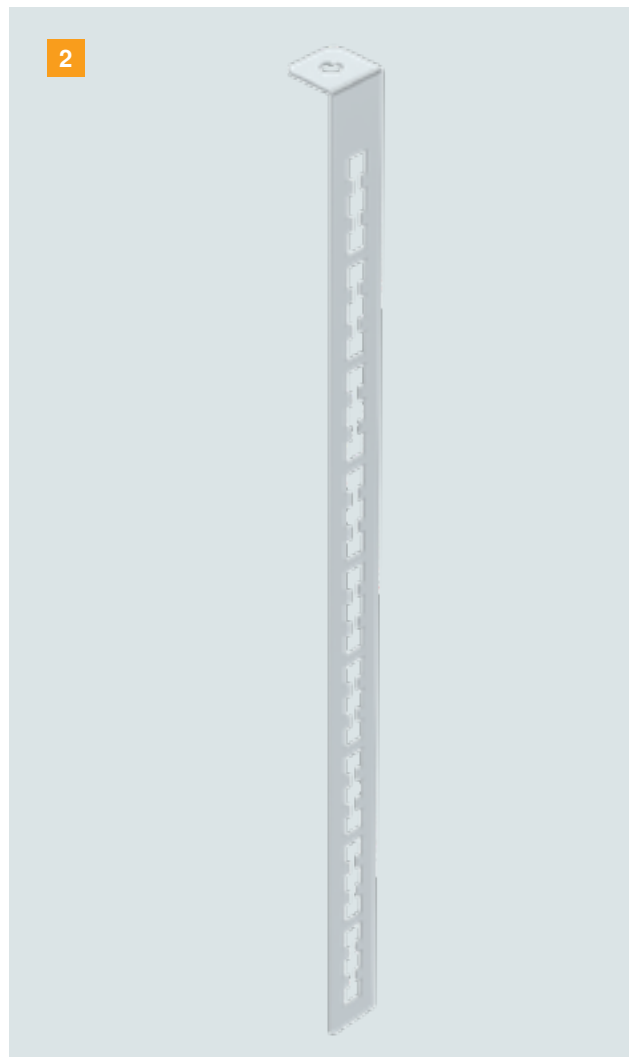
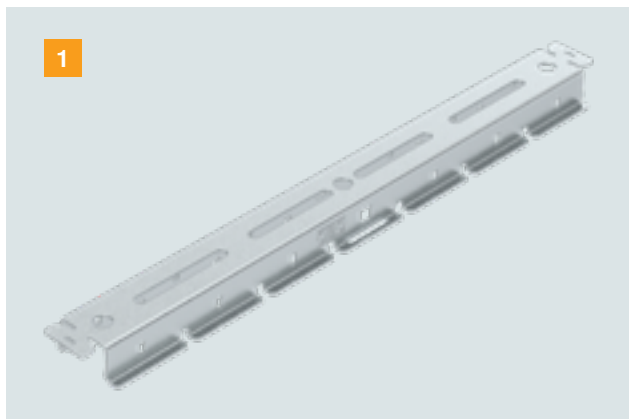
- Up to 70% time savings during assembly
- Virtually screw- and tool-free installation
- Reduced number of individual parts on site
- Flexible height adjustment
- Single- and multi-layer installations possible
- Traditional screw-based assembly remains an option

Find out more now!



The system behind the speed

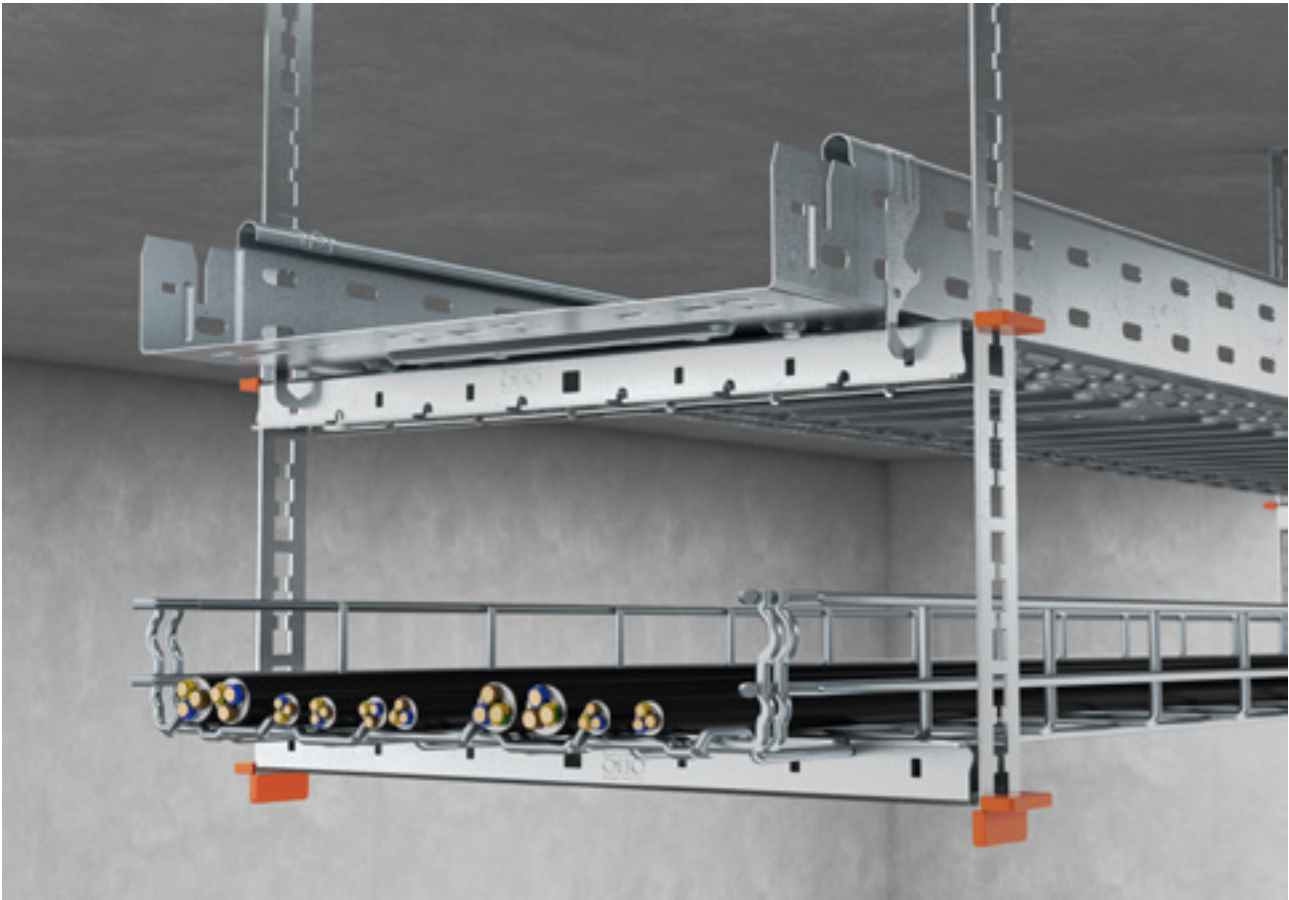
An overview of the OBO-MagicFix® components



- 1 Support rail MagicFix** – for mounting lightweight cable support systems with the patented Magic fastening system for screw-free and tool-free installation of mesh cable tray systems.
- 2 MagicFix suspension strips** – for modular ceiling mounting, with integrated recesses for screw-free and tool-free installation, as well as flexible height adjustments.
- 3 Quick fastener MagicFix** – for screw-free and tool-free mounting of cable trays and cable ladders on the MagicFix support rail.
- 4 Protective cap MagicFix** – for protection against sharp edges, compatible with the mounting tabs on the MagicFix mounting rail and the end of the MagicFix suspension strip.

Support rail MagicFix

The core element of the system



The MagicFix support rail with its patented Magic fastening system is at the heart of the OBO-MagicFix® system. Thanks to its multifunctional design and reversible profile, the support rail can be used to fix and suspend mesh cable trays, cable trays, and cable ladders in a variety of ways. Compared to conventional suspension systems that use threaded rods, this system — when used with special suspension strips — allows for mounting with virtually no screws or tools, including a patented clamp mount designed specifically for the GR-Magic.

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

This is where the quick fastener comes into play:

- Additional securing for the mesh cable tray
- Securing cable trays and ladders
- Simply hook it onto the support rail and bend it over the tray or ladder strut by hand or using pliers – no tools required
 - Alternatively, traditional screw fastening is still possible using the integrated slotted holes in the support rail

Simply clip it on

The suspension strip MagicFix



The support rail MagicFix is installed using suspension strips. These must be fixed to the ceiling using a suitable fixing system. The choice of wall plugs and fixings depends on the existing substrate and the expected load values.

Simply hooked into the suspension strips, the support rail is quickly installed and can be adjusted in height without the need for tools. The suspended support rail can optionally be secured by bending the hooked-in fixing tabs into the suspension strips.

Good to know: Alternatively, the protective cap – which is compatible with both the mounting tabs and the ends of the suspension strips – can be fitted directly.

Thanks to the recesses in the suspension strips, which allow for different height settings, multi-tiered installations are also possible without any difficulty and without having to remove any pre-assembled rungs.

Versatile – flexible installation



The support rail MagicFix adapts flexibly to a wide variety of installation situations. Thanks to its multifunctional design, it enables both traditional and modular suspension solutions – quickly, versatilely and in a practical manner.

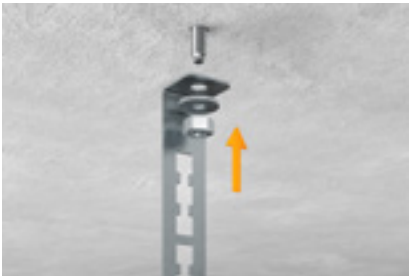
All the options at a glance:

- Conventional suspension using threaded rods is possible.
- Modular installation using suspension strips is possible.
- Suitable for suspended and centre-suspended installations.
- Ideal for single- and multi-layer installations.
- Can also be used for the spaced installation of mesh and cable trays.

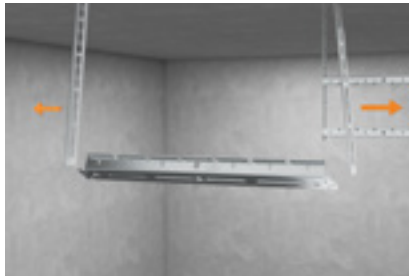
The OBO-MagicFix® system combines the time-saving benefits of modern installation techniques with the safety and high load-bearing capacity of traditional bolting methods.

Overview of the assembly process:

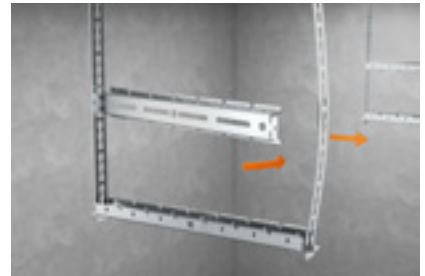
Faster. Less effort.



Fasten the suspension strips to the ceiling with the appropriate fixing material.



Mount the support rail into the respective recesses of the suspension strips. Depending on how the cables are being laid, turn the cable tray or mesh cable tray upwards. Tilt the suspension rail in the suspension strips.



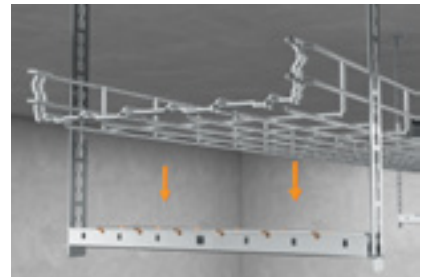
When multiple layers are installed, bend the suspension strips slightly apart in order to mount another suspension rail.



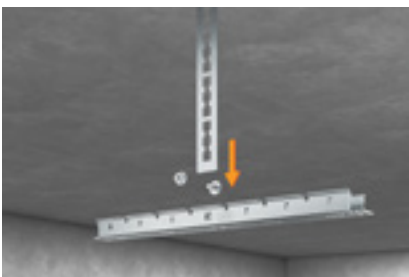
In order to fix a cable tray on the suspension rail, the quick fasteners are hooked into the suspension rail and then bent around the rail edge.



The quick fastener can be bent manually and/or also be pressed on with pliers.



In order to fix a mesh cable tray to the support rail, simply snap the tray into the clamp mount of the support rail.



In order 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 screwed on.



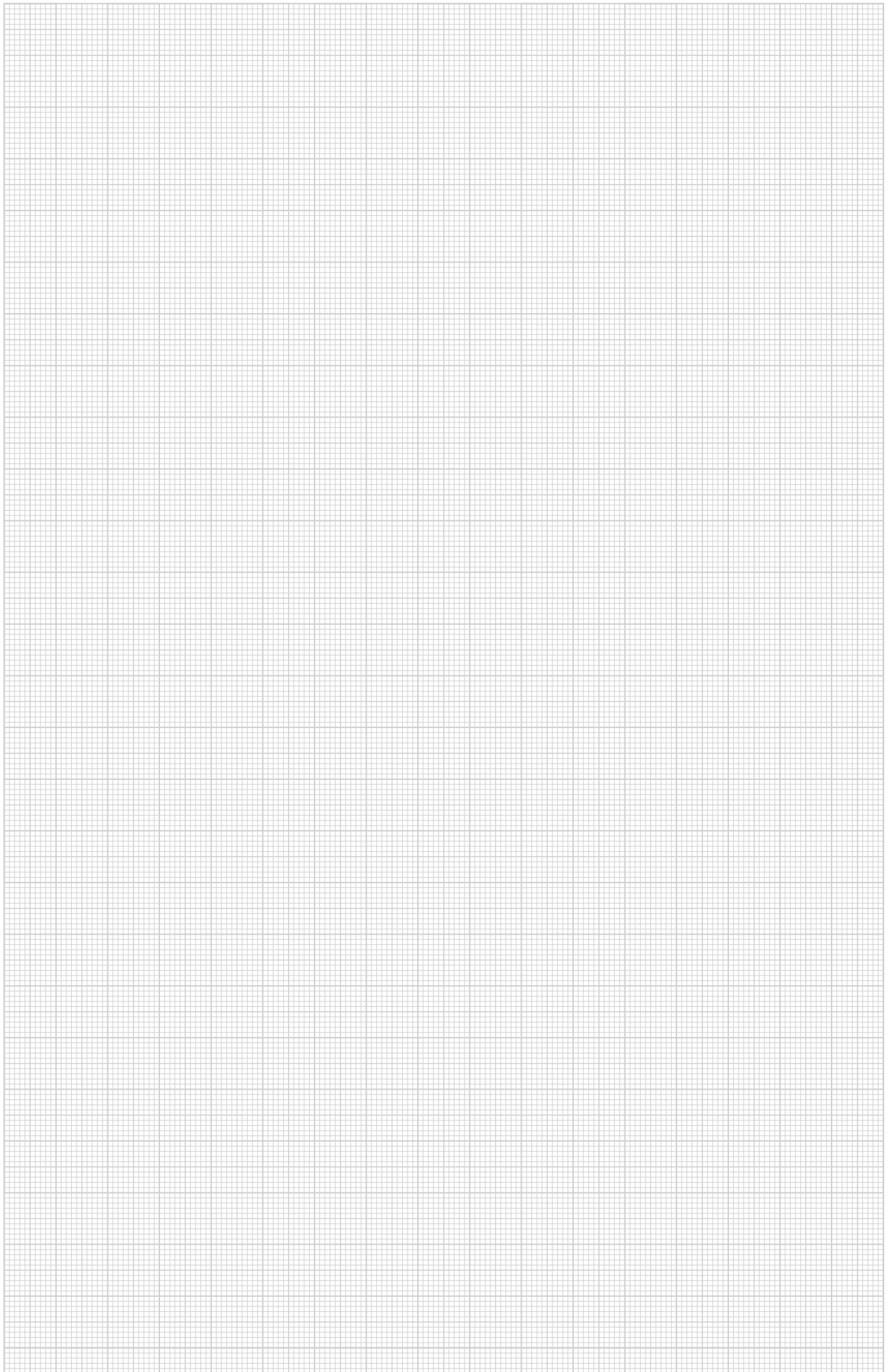
Lay the mesh cable trays onto the support rail and fix them also with the quick fastener. The protective caps are attached onto the fastening tabs and the ends of the suspension strips.

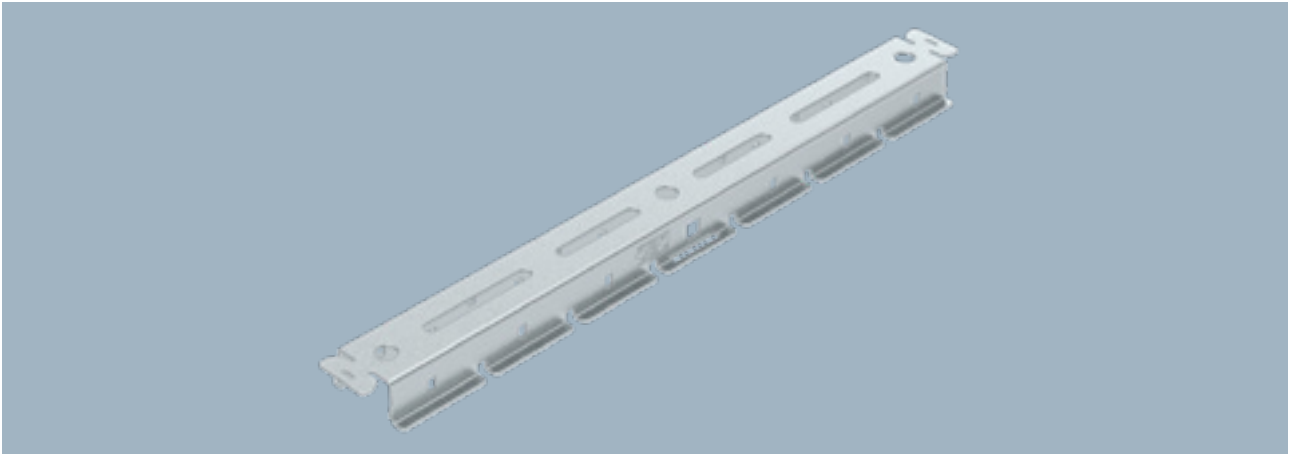


Centre suspension of a single mesh cable tray.



Pendulum suspension with Magic mesh cable trays and cable trays.



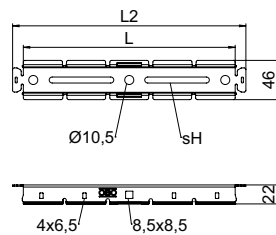


Support rail for light cable trays, mesh cable trays and cable ladders for the creation of pendulum suspensions and centre suspensions. Tool-free fastening through clamp mount for mesh cable trays or additional quick connector MagicFix for trays and ladders. Alternatively, screw fastening possible Suspension with suspension strips Magic Fix. Tool-free fastening of the support rail on suspension strips through fastening straps.

Type	Version	Connection type	Smallest sales unit (VG)	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

Dimensions

Figure 100

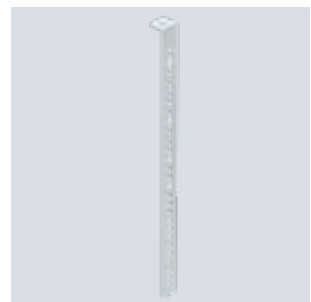
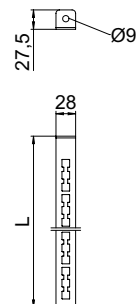


Type	Plate thickness mm	Nominal width mm	Dimension L mm	Dimension L2 mm	Dimension sH mm
TSM 50 FS	1,50	50	96	121	7x12
TSM 100 FS	1,50	100	146	171	7x37
TSM 150 FS	1,50	150	196	221	7x62
TSM 200 FS	1,50	200	246	271	7x84
TSM 300 FS	1,50	300	346	371	7x57
TSM 400 FS	1,50	400	446	471	7x67
TSM 500 FS	1,50	500	546	571	7x57
TSM 600 FS	1,50	600	646	671	7x57

Suspension strip MagicFix

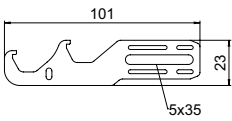
Type	Length mm	Version	Plate thickness mm	Hole Ø mm	Connection type	Smallest sales unit (VG)	Item no.
ASM 50 FS	490	Suspension	1,50	9	Screwless connector	1	6426200
ASM 100 FS	990	Suspension	1,50	9	Screwless connector	1	6426202
ASM 150 FS	1490	Suspension	1,50	9	Screwless connector	1	6426204
ASM 200 FS	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 multi-layered installation of trays and ladders possible.



Quick fastener MagicFix

St FS CE

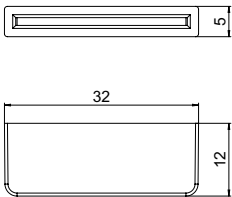
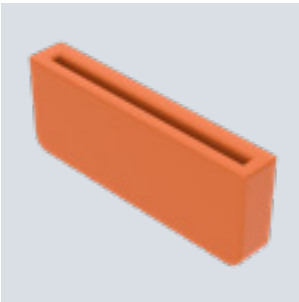


Type	Length mm	Material thickness mm	Version	Smallest sales unit (VG)	Item no.
SBM FS	101	0,6	Fastening strap	50	6426160

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

Protective cap MagicFix

PE CE HALOGEN FREE



Type	Length mm	Width mm	Version	Smallest sales unit (VG)	Item no.
SKM OR	12	32	Protective 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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