

Brass fixing MS

The brass expansion fixing with metric thread.



Protective wall panels



Small shelves

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Applications

- Cellar shelves
- Substructures made of wood and metal
- Boilers
- Aggregates
- Control boxes
- Curtain rails

Advantages

- The compact design of the brass fixing reduces the amount of drilling required, helping to ensure a fast installation.
- The special surface structure of the MS prevents the fixing from rotating in the drill hole. This provides increased instal-

lation safety.

- The internal thread allows for the use of standard metric screws or threaded rods, and for surface flush removal and reuse of the fixing point. This provides great flexibility.

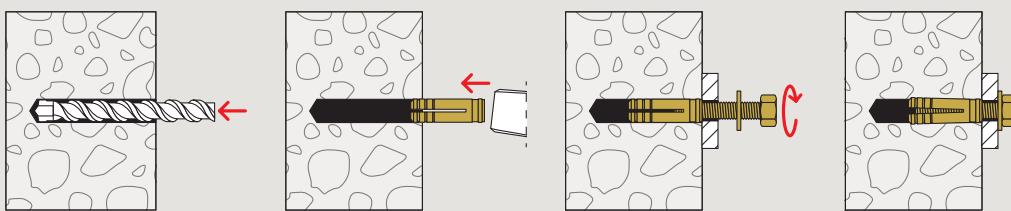
Building materials

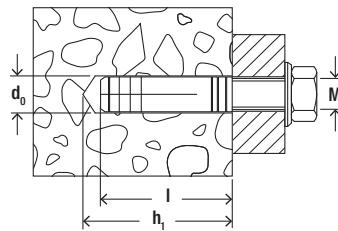
- Concrete
- Solid sand-lime brick
- Natural stone with dense structure
- Solid brick

Functioning

- The MS brass fixing is suitable for pre-positioned and push-through installation.
- Turning in the metric screw causes the front part of the brass fixing to expand, thus securely anchoring it in the substrate.
- Calculating screw length for flush fixing installation: Fixing length + fixture thickness = min. screw length.
- Suitable for metric screws and threaded bolts.
- The brass fixing may have to be expanded slightly before installation by turning in the threaded screw.

Installation MS





Technical data

Brass fixing MS



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MS

Item	Item no.	Drill diameter d_0 [mm]	Min. drill hole depth h_1 [mm]	Anchor length l [mm]	Thread M	Min. bolt penetration $l_{E,min}$ [mm]	Sales unit [pcs]
MS 4 x 15	026424	5	20	15	M4	15	100
MS 5 x 18	026425	6	25	18	M5	18	100
MS 6 x 22	078660	8	27	22	M6	22	100
MS 8 x 28	078981	10	35	28	M8	28	50
MS 10 x 32	078661	12	39	32	M10	32	25
MS 12 x 37	078662	15	46	37	M12	37	10
MS 16 x 43	078663	20	50	43	M16	43	10

Loads

Brass fixing MS

Recommended loads¹⁾ for a single anchor.

The given loads are valid for metric screws with the specified thread size.

Type		MS 4 x 15	MS 5 x 18	MS 6 x 22	MS 8 x 28	MS 10 x 32	MS 12 x 37	MS 16 x 43
Thread size		M4	M5	M6	M8	M10	M12	M16
Recommended loads in the respective base material $F_{rec}^{2)}$								
Concrete	$\geq C20/25$	[kN]	0.25	0.40	0.65	1.10	1.60	2.20
Solid brick	$\geq Mz 12$	[kN]	0.20	0.35	0.55	0.90	1.30	1.60

¹⁾ Required safety factors are considered.

²⁾ Valid for tensile load, shear load and oblique load under any angle.