

Brass plug UMD

Compact brass anchor with metric internal thread for minimal anchorage depths.



Long Description

The Upat brass plug UMD is a compact special anchor with a metric internal thread. Particularly due to its low required anchorage depth, the UMD is the solution for fastening in thin panels as well as in solid building materials. It is used for fastening handles, support brackets, or lamps, for example.

Characteristics

- Building material: Concrete, solid construction, panel construction
- Load range: Tensile load, shear load, and oblique load 0.2-1.95 kN
- Material: Brass
- Feature: Internal thread M6/M8, anchor length 7.5-25mm

Materials

- Wood panel materials
- Plastic panels
- Concrete
- Full bricks
- Calcium silicate solid bricks
- Natural stone with dense structure

Advantages

- Minimal anchoring depth: The compact brass anchor allows for fastenings in particularly thin building materials
- Flexible mounting: The metric internal thread allows screws to be flexibly mounted and flush disassembled
- Wide range of applications: The corrosion-resistant brass enables indoor and outdoor use
- Secure application: The unique surface structure of the brass anchor prevents it from rotating in the drill hole

Applications

- Cable channels
- Wall lights
- Speakers
- Wall cabinet

Straight to the product

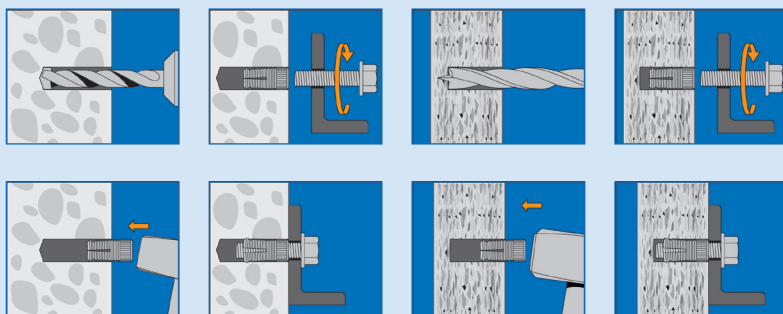


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Application examples



Assembly



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Product variants

Product	Art-No.	Drill diameter	Anchor length	Bolt penetration	Thread	Min. drill hole depth	Min. effect. anchorage depth	Sales unit
UMD M6/7,5	542952	8	7,5	7,5	M6	7,5	7,5	200
UMD M6/10,5	542953	8	10,5	10,5	M6	10,5	10,5	100
UMD M8/25	542954	10	25	25	M8	25	25	50

Load table

Highest recommended loads¹⁾²⁾ of a single anchor.

Type	Thread size [M]	Chipboard F _{rec} ³⁾ [kN]	Fir wood F _{rec} ³⁾ [kN]	Beech wood F _{rec} ³⁾ [kN]	Plastic material F _{rec} ³⁾ [kN]	Solid brick F _{rec} ³⁾ [kN]
UMD M6/7,5	M6	0.2	0.18	0.5	0.75	-
UMD M6/10,5	M6	0.3	0.25	0.75	1.5	-
UMD M8/25	M8	-	-	-	-	1.95

¹⁾ Required safety factors are considered.

²⁾ The given loads are valid for metric screws with the specified thread size.

³⁾ Valid for tensile load, shear load and oblique load under any angle.