

Brass anchor UM

Strong brass anchor with metric internal thread for fixings in concrete and solid building materials.



Long Description

The Upat brass anchor UM is an expansion anchor designed to accommodate metric threads. The brass anchor is ideally suited for fastening shelves, wooden substructures, and metal in solid building materials.

Characteristics

- Building material: Concrete, solid construction
- Load range: Tensile load, shear load, and oblique load 0.55-2.2 kN
- Material: Brass
- Feature: Thread M6-M12

Advantages

- Strong hold: The strong hold with minimal anchoring depth reduces drilling effort and allows for fastenings in thin walls and floors
- Flexible application: Made of corrosion-resistant brass, suitable for indoor and outdoor use
- Installation security: The unique surface structure of the brass anchor prevents it from rotating in the drill hole
- Flexible mounting: The metric internal thread allows for flexible mounting and flush disassembly of threaded rods, hooks, or screws

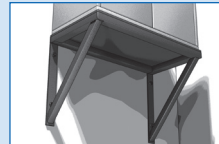
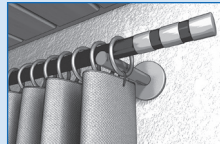
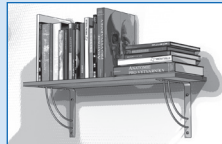
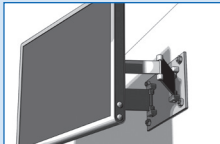
Applications

- Screen brackets
- Wall shelves
- Curtain rod
- Metal brackets

Materials

- Concrete
- Calcium silicate solid bricks
- Natural stone with dense structure
- Full bricks

Application examples

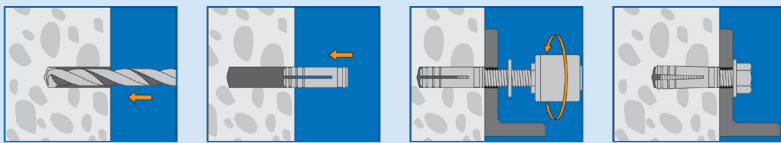


Straight to the product



upat.com/en-um

Assembly



Product variants

Product	Art-No.	Drill diameter	Anchor length	Bolt penetration	Thread	Min. drill hole depth	Sales unit
UM 6x22	542772	8	22	22	M6	27	100
UM 8x28	542773	10	28	28	M8	35	50
UM 10x32	542774	12	32	32	M10	39	25
UM 12x37	542775	15	37	37	M12	46	10

Load table

Highest recommended loads¹⁾²⁾ of a single anchor.

Type	Thread size	Concrete $\geq$ C20/25 $N_{rec}^{3)}$ [kN]	Solid brick $\geq$ Mz 12 $N_{rec}^{3)}$ [kN]
UM 6 x 22	M6	0.65	0.6
UM 8 x 28	M8	1.1	0.9
UM 10 x 32	M10	1.6	1.3
UM 12 x 37	M12	2.2	1.6

¹⁾ Safety factor requirement considered.

²⁾ Load values apply with specified metric screw threads.

³⁾ Valid for tension load, shear load, and oblique load at any angle.