

Eye screw UGS

Universal eye screw for use in wood or as a anchor system.



Long Description

The Upat eye screw UGS is a versatile screw eye for use in wood or as an anchor system in concrete and masonry. With its high load capacity, it is an optimal fastening solution for scaffolding, chains, ropes, trellises and clotheslines. The high-quality weld prevents the eye from bending and provides maximum security.

Characteristics

- Building material: Solid construction material
- Load range: Tensile load, shear load, and oblique load 0.4-1.8 kN
- Material: Zinc plated steel (zp)
- Feature: Shank diameter 8/12mm, shank length 90-190mm

Applications

- Scaffolding anchoring
- Flower pot

Advantages

- Reusable fastening solution: The fastening screw can be easily disassembled and reused
- Coordinated system: Optimally coordinated system with high holding values, through the combination with the scaffold sleeve UGH. Ideal for scaffold anchoring
- Versatile application: The eye screw can be screwed directly into wood. By using it in the nylon anchor system, the eye screw can be used on almost all substrates

Materials

- Concrete
- Calcium silicate solid bricks
- Natural stone with dense structure
- Full brick
- Full lightweight concrete block

Application examples

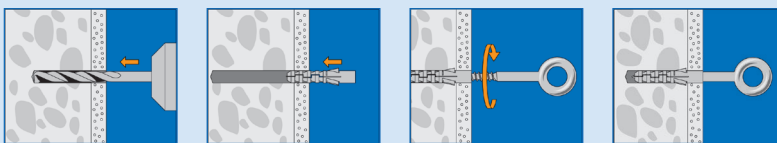


Straight to the product



upat.com/en-ugs

Assembly



Product variants

Product	Art.No.	Eye-ø	Shaft diameter	Shaft length	Sales unit
UGS 8x100	542580	22	8	100	20
UGS 12x90	542581*	23	12	90	25
UGS 12x120	541733	23	12	120	25
UGS 12x160	541734	23	12	160	25
UGS 12x190	542582*	23	12	190	25

* Note: Available upon request. Not part of the standard product range.

Load table

Highest recommended loads¹⁾²⁾ of a single plug.

Type	Concrete ≥ C20/25 N _{rec} ³⁾ [kN]	Solid brick ≥ Mz12 N _{rec} ³⁾ [kN]	Solid sand-lime brick ≥ KS12 N _{rec} ³⁾ [kN]	Solid block made of lightweight concrete ≥ V2 N _{rec} ³⁾ [kN]	Sand-lime perforated brick ≥ KSL12 N _{rec} ³⁾ [kN]	Vertically perforated brick ≥ Hlz12 N _{rec} ³⁾ [kN]	Aerated concrete ≥ 4/PP4 N _{rec} ³⁾ [kN]
UGS 8 + U 10	1.1	1.1	1.1	-	-	-	-
UGS 12 + UGH 14	1.8	1.3	1.8	1.3	0.4	0.4	0.4

¹⁾ Safety factor requirement considered.

²⁾ Load values apply when using the scaffold screw UGS with the specified Upat anchor.

³⁾ Valid for tension loads.