

LOADS

Universal plug UX

Highest recommended tensile loads¹⁾ for a single anchor.

The given loads are valid for wood screws with the specified diameter.

Type			UX 5 x 30	UX 6 x 35	UX 6 x 50	UX 8 x 40 UX 8 x 50	UX 10 x 60	UX 12 x 70	UX 14 x 75
Wood screw diameter	∅	[mm]	4	5	5	6	8	10	12
Recommended loads in the respective base material $F_{rec}^{2)}$									
Concrete	≥ C20/25	[kN]	0,30	0,40	0,60	0,60	1,00	1,50	1,80
Solid brick	≥ Mz 12	[kN]	0,20	0,20	0,30	0,30	0,50	0,70	0,80
Perforated sand-lime brick	≥ KSL 12	[kN]	0,30	0,40	0,40	0,50	0,60	0,80	0,80
Vertically perforated brick	≥ Hlz 12	[kN]	0,20	0,20	0,20	0,20	0,20	0,30	0,40
Aerated concrete	≥ AAC 4	[kN]	0,15	0,20	0,20	0,30	0,40	0,60	0,70
Gypsum plasterboard	12,5 mm	[kN]	0,10	0,10	0,10	0,10	0,10	-	-
Gypsum plasterboard	25 mm	[kN]	0,10	0,15	0,15	0,15	0,15	-	-
Gypsum fibreboard	(Fermacell)	[kN]	0,20	0,20	0,20	0,20	0,25	-	-
Gypsum block	$\rho \geq 0,9 \text{ kg/dm}^3$	[kN]	-	-	-	0,15	0,35	0,45	0,50

¹⁾ Required safety factors are considered.

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

LOADS

Universal plug UX with hook screws respective eye screws

Highest recommended tensile loads¹⁾ for a single anchor.

The given loads are valid for the included hook screws respective eye screws.

Type			UX 6 x 35 RH	UX 6 x 35 WH	UX 8 x 50 RH	UX 8 x 50 WH	UX 8 x 50 OE
Recommended loads in the respective base material $F_{rec}^{2)}$							
Concrete	≥ C20/25	[kN]	0,25	0,30	0,40	0,45	0,40
Vertically perforated brick	≥ Hlz 12	[kN]	0,20	0,20	0,20	0,20	0,20
Gypsum plasterboard	12,5 mm	[kN]	0,05	0,05	0,05	0,05	0,05

¹⁾ Required safety factors are considered.

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