

# Loads

## Eye screw GS

Recommended tensile loads<sup>1)</sup> for a single anchor.

The given loads are valid for the eye screw GS with the specified fischer plugs.

Type			SX 10x50 + GS 8	SX 12 + GS 10	S 12 R + GS 10	S 14 H R + GS 10
<b>Recommended tensile loads in the respective base material <math>N_{rec}</math></b>						
Concrete	≥ C12/15	[kN]	1.20	1.70	1.03	-
Solid brick	≥ Mz 12	[kN]	0.65	0.70	1.00	-
Solid sand-lime brick	≥ KS 12	[kN]	1.20	1.70	0.84	-
Solid brick of lightweight aggregate concrete	≥ V 4	[kN]	-	-	0.29	0.43
Perforated sand-lime brick	≥ KSL 12	[kN]	0.35	0.35	0.30	0.34
Vertically perforated brick	≥ Hlz 12 ( $\rho \geq 1 \text{ kg/dm}^3$ )	[kN]	-	-	0.36	0.50
Aerated concrete	≥ AAC 2 (G2)	[kN]	0.09	0.20	-	-
Aerated concrete	≥ AAC 4 (G4)	[kN]	0.30	0.60	-	-

<sup>1)</sup> Required safety factors are considered.