

Loads

EasyHook Round and Loop in combination with DuoPower

Recommended loads¹⁾ for a single anchor.

Type		Round 6		Round 8		Loop 6		Loop 8		
Screw diameter	[mm]	4	4	5	5	4	4	5	5	
DuoPower plug	[mm]	6 x 30	6 x 30	8 x 40	8 x 40	6 x 30	6 x 30	8 x 40	8 x 40	
Recommended tension (N_{rec}) ²⁾ or shear loads (V_{rec}) ³⁾ in the respective base material		N_{rec}	V_{rec}	N_{rec}	V_{rec}	N_{rec}	V_{rec}	N_{rec}	V_{empf}	
Concrete	≥ C20/25	[kg]	12	5	23	10	34	13	60	20
Vertically perforated brick	≥ Hlz 12 ($\rho \geq 0.9 \text{ kg/dm}^3$)	[kg]	12	4	19	10	34	13	38	18
Aerated concrete	≥ PB2, PP2	[kg]	8	4	7	6	8	6	8	8
Gypsum plasterboard	12.5 mm	[kg]	7	5	8	5	7	10	8	8

¹⁾ Required safety factors are considered. Load values are valid for using the supplied screw.

²⁾ Recommended tension load. Load at an angle +/- 10° to the screw axis.

³⁾ Recommended shear load. Load at an angle of +/- 90° to the screw axis.