

# Loads

## EasyHook Round and Loop in combination with DuoPower

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

Type		Round 6		Round 8		Loop 6		Loop 8		
Screw diameter	[mm]	4.0	4.0	5.0	5.0	4.0	4.0	5.0	5.0	
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 <sub>rec</sub> ) <sup>2)</sup> or shear loads (V <sub>rec</sub> ) <sup>3)</sup> in the respective base material			N <sub>rec</sub>	V <sub>rec</sub>	N <sub>rec</sub>	V <sub>rec</sub>	N <sub>rec</sub>	V <sub>rec</sub>	N <sub>rec</sub>	V <sub>empf</sub>
Concrete	≥ C20/25	[kg]	12	5	23	10	34	13	60	20
Vertically perforated brick	≥ Hlz 12 (ρ ≥ 0.9 kg/dm <sup>3</sup> )	[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

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

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

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