

Loads

EasyHook in combination with DuoPower

Recommended loads¹⁾ for a single anchor.

Type		Angle 5		Angle 6		Angle 8		Angle 10		
Screw diameter	[mm]	3.5	3.5	4.0	4.0	5.0	5.0	6.0	6.0	
DuoPower plug	[mm]	5 x 25	5 x 25	6 x 30	6 x 30	8 x 40	8 x 40	10 x 50	10 x 50	
Recommended shear (V _{empf}) ²⁾ or inclined tension loads (F _{empf,45°}) ³⁾ in the respective base material			V _{rec}	F _{rec,45°}	V _{rec}	F _{rec,45°}	V _{rec}	F _{rec,45°}	V _{rec}	F _{rec,45°}
Concrete	≥ C20/25	[kg]	25	8	30	9	80	20	90	25
Vertically perforated brick	≥ Hlz 12 (ρ ≥ 0.9 kg/dm ³)	[kg]	25	8	30	9	35	15	40	18
Aerated concrete	≥ PB2, PP2	[kg]	6	5	11	6	15	13	20	15
Gypsum plasterboard	12.5 mm	[kg]	6	5	13	6	18	8	20	9

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

²⁾ Recommended shear load. Load 90° to the screw axis.

³⁾ Recommended inclined tensile load. Load at an angle of 45° to 89° to the screw axis.