

# Loads

## EasyHook Angle in combination with DuoPower

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

Type		EH 5		EH 6		EH 8		EH 10		
Screw diameter	[mm]	3.5	3.5	4	4	5	5	6	6	
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 ( $V_{empf}$ ) <sup>2)</sup> or inclined tension loads ( $F_{empf,45^\circ}$ ) <sup>3)</sup> in the respective base material		$V_{rec}$	$F_{rec,45^\circ}$	$V_{rec}$	$F_{rec,45^\circ}$	$V_{rec}$	$F_{rec,45^\circ}$	$V_{rec}$	$F_{rec,45^\circ}$	
Concrete	≥ C20/25	[kg]	25	8	30	9	80	20	90	25
Vertically perforated brick	≥ Hlz 12 ( $\rho \geq 0.9 \text{ kg/dm}^3$ )	[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

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

<sup>2)</sup> Recommended shear load. Load 90° to the screw axis.

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