

LOADS

Toggle fixing KD

Highest recommended loads³⁾ for a single anchor.

Type		KD3	KD4	KD5	KD6	KD8	KDH3	KDH4	KDH5	KDH6	KDH8
Thread size	[M]	M3	M4	M5	M6	M8	M3	M4	M5	M6	M8
Recommended loads in the respective base material F_{rec}³⁾											
Max. possible recommended load ²⁾	[kN]	0,45	0,90	2,20	2,80	4,30	0,07 ²⁾	0,13 ²⁾	0,30 ²⁾	0,45 ²⁾	1,40
Gypsum plasterboard ¹⁾	12,5 mm	[kN]	0,15	0,15	0,15	0,15	0,07 ²⁾	0,13 ²⁾	0,15	0,15	0,18
Oriented strand board ¹⁾	≥15 mm	[kN]	0,34	0,58	0,85	0,85	0,07 ²⁾	0,13 ²⁾	0,30 ²⁾	0,45 ²⁾	0,89

¹⁾ Includes the safety factor 4. Failure of the base material decisive.

²⁾ Includes the safety factor 2.25. Steel failure/bending of the hook decisive.

³⁾ Valid for axial tensile load.