

Loads

Metal cavity fixing HM

Recommended loads¹⁾ for a single anchor.

Type		HM 4 x 32 S	HM 4 x 46 S	HM 5 x 37 S	HM 5 x 52 S	HM 5 x 65 S	HM 6 x 37 S	HM 6 x 52 S	HM 6 x 65 S	HM 8 x 55 SS
Thread size		M 4	M 4	M 5	M 5	M 5	M 6	M 6	M 6	M 8
Recommended loads in the respective base material F _{rec} ²⁾										
Gypsum plasterboard	9.5 mm	[kN]	0.15	0.15	0.15	0.15	-	0.15	-	-
Gypsum plasterboard	12.5 mm	[kN]	0.20	0.20	0.20	0.20	-	0.20	0.20	0.20
Gypsum plasterboard	19 mm (2 x 9.5 mm)	[kN]	-	-	-	0.25	-	-	0.25	0.25
Gypsum plasterboard	25 mm (2 x 12.5 mm)	[kN]	-	-	-	-	0.30	-	-	0.30
Chipboard	10 mm	[kN]	0.25	0.25	0.25	0.25	-	0.25	0.25	0.25
Chipboard	13 mm	[kN]	0.25	0.25	0.25	0.25	-	0.25	0.25	0.25
Chipboard	28 mm	[kN]	-	-	-	-	0.50	-	-	0.50
Plywood	4 mm	[kN]	0.10	-	-	-	-	-	-	-
Hardboard	3 mm	[kN]	0.10	-	-	-	-	-	-	-
Wood wool slab	16 mm	[kN]	-	0.05	-	0.05	-	-	0.05	0.05
Wood wool slab	25 mm	[kN]	-	-	-	-	0.05	-	-	0.05
Fibre cement board	8 mm	[kN]	0.25	0.25	0.25	0.25	-	0.25	-	-
Gypsum fibreboard	10 mm	[kN]	0.25	0.25	0.25	0.25	-	0.25	0.25	0.25
Gypsum fibreboard	15 mm	[kN]	-	0.25	0.25	0.25	-	0.25	0.25	0.25

¹⁾ Required safety factors are considered.

²⁾ Valid for tensile load, shear load and oblique load under any angle.