

Hollow wall anchor UH/UHZ

Load table

Highest recommended loads¹⁾²⁾ of a single plug.

Type	Thread size [M]	Gypsum plasterboard 9,5 mm $F_{rec}^{2)}$ [kN]	Gypsum plasterboard 12,5 mm $F_{rec}^{2)}$ [kN]	Gypsum plasterboard 19 mm (2x9,5 mm) $F_{rec}^{2)}$ [kN]	Gypsum plasterboard 15 mm (2x12,5 mm) $F_{rec}^{2)}$ [kN]	Chipboard 10 mm $F_{rec}^{2)}$ [kN]	Chipboard 13 mm $F_{rec}^{2)}$ [kN]	Chipboard 28 mm $F_{rec}^{2)}$ [kN]
UH 4x32 S	M4	0.15	0.2	-	-	0.25	0.25	-
UH 4x45 S	M4	0.15	0.2	-	-	0.25	0.25	-
UH 5x37 S	M5	0.15	0.2	-	-	0.25	0.25	-
UH 5x52 S	M5	0.15	0.2	0.25	-	0.25	0.25	-
UH 5x65 S	M5	-	-	-	0.3	-	-	0.5
UH 6x37 S	M6	0.15	0.2	-	-	0.25	0.25	-
UH 6x52 S	M6	-	0.2	0.25	-	0.25	0.25	-
UH 6x65 S	M6	-	-	-	0.3	-	-	0.5
UH 8x54 S	M8	-	0.2	0.25	-	0.25	0.25	-

Load table

Type	Thread size [M]	Plywood 4 mm $F_{rec}^{2)}$ [kN]	Hardboard 3 mm $F_{rec}^{2)}$ [kN]	Wood wool slab 16 mm $F_{rec}^{2)}$ [kN]	Wood wool slab 25 mm $F_{rec}^{2)}$ [kN]	Fibre cement board 8 mm $F_{rec}^{2)}$ [kN]	Gypsum fibreboard 10 mm $F_{rec}^{2)}$ [kN]	Gypsum fibreboard 15 mm $F_{rec}^{2)}$ [kN]
UH 4x32 S	M4	0.1	0.1	-	-	0.25	0.25	-
UH 4x45 S	M4	-	-	0.05	-	0.25	0.25	0.25
UH 5x37 S	M5	-	-	-	-	0.25	0.25	0.25
UH 5x52 S	M5	-	-	0.05	-	0.25	0.25	0.25
UH 5x65 S	M5	-	-	-	0.05	-	-	-
UH 6x37 S	M6	-	-	-	-	0.25	0.25	0.25
UH 6x52 S	M6	-	-	0.05	-	-	0.25	0.25
UH 6x65 S	M6	-	-	-	0.05	-	-	-
UH 8x54 S	M8	-	-	0.05	-	-	0.25	0.25

¹⁾ Required safety factors are considered.

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