

Technical Information Studs with Capsules

Thread Diameter (size)	Hole Diameter (mm)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M8	10	80	10	120	100	110	4.75	4.20	10
M10	12	90	12	140	110	130	7.55	6.85	30
M12	14	110	14	165	135	160	10.95	8.85	30
M16	18	125	18	190	155	175	14.75	15.65	60
M20	25	170	25	260	210	220	22.30	26.50	120
M24	28	210	28	320	260	270	28.50	33.60	200
M30	35	280	35	420	350	340	32.10	62.00	400



Technical Information Threaded Sockets Used With Spin-In Capsules

Thread Diameter (size)	Hole Diameter (mm)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M8	14	90	10	180	110	110	6.0	3.3	7
M10	18	90	12	200	125	115	9.6	5.3	11
M12	22	90	14	240	135	120	14.0	7.7	25
M16	28	125	18	280	155	160	21.3	11.3	50



Technical Information Threaded Sockets Used With Injection Resin

Thread Diameter (size)	Hole Diameter (mm)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M8	14	90	10	130	110	110	7.3	5.8	7
M10	18	90	12	145	130	115	13	8.9	11
M12	22	90	14	170	150	120	17.7	13.2	25
M16	28	125	18	200	170	160	27.8	23.9	50



Technical Information Rebar with Capsules & Injection Resins

Thread Diameter (size)	Capsule code	Hole Diameter (mm)	Embedment Depth (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN
M8	0868M54HI	10	80	120	100	120	5.1	6
M10	0868M56HI	13	100	150	125	150	8.6	9.2
M12	0868M58HI	15	120	165	135	180	11.7	13.6
M14	0868M58HI	18	140	175	145	210	16.6	18.4
M16	0868M62HI	20	160	190	155	240	20.1	24
M20	0868M64HI	25	200	300	250	300	32.9	37.6
M24	0868M66HI	30	250	360	300	375	49.1	58.8



Technical Information Threaded Stud with Capsules

Thread Diameter (size)	Capsule code	Hole Diameter (mm)	Embedment Depth (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M8	0868M54HI	10	80	120	100	120	5.1	4.1	10
M10	0868M56HI	12	100	150	125	150	7.7	6.6	20
M12	0868T62HI	14	110	165	135	165	10	9.7	40
M16	0868M62HI	18	125	190	155	190	16.6	19.1	95
M20	0868M64HI	25	200	300	250	300	28.6	28.8	180
M24	0868M66HI	28	240	360	300	360	41.5	41.7	315



NB: Technical information will vary depending upon rebar

COSHH safety sheets available on request.

For loads for 30 N/mm² CONCRETE