

SHIELD ANCHORS

MASON[®]
MATE



SHIELD ANCHORS - Loose Bolt

Code	Size	Anchor Hole Size	Shield Length	Thread Diameter	Fastens Up To	Bolt Length	Min Hole Depth	Qty Per Box	Qty Per Outer	Weight Kg Per 100	Price £ Per 100
0865L610	M6 x 10	12	45	6	10	55	50	50	600	3.12	56.67
0865L625	M6 x 25	12	45	6	25	70	50	50	600	3.36	74.60
0865L640	M6 x 40	12	45	6	40	85	50	50	600	3.64	78.06
0865L810	M8 x 10	14	50	8	10	65	55	50	450	5.52	84.98
0865L825	M8 x 25	14	50	8	25	80	55	50	300	5.96	93.67
0865L840	M8 x 40	14	50	8	40	95	55	50	300	6.48	106.40
0865L1010	M10 x 10	16	60	10	10	75	65	50	200	9.44	174.67
0865L1025	M10 x 25	16	60	10	25	90	65	50	200	11.12	182.20
0865L1050	M10 x 50	16	60	10	50	115	65	50	200	11.32	188.36
0865L1075	M10 x 75	16	60	10	75	140	65	25	150	12.56	196.15
0865L1210	M12 x 10	20	75	12	10	90	85	25	150	16.96	269.32
0865L1225	M12 x 25	20	75	12	25	105	85	25	100	17.84	277.18
0865L1240	M12 x 40	20	75	12	40	120	85	25	100	19.04	300.62
0865L1260	M12 x 60	20	75	12	60	140	85	25	100	20.48	316.23
0865L1615	M16 x 15	25	115	16	15	135	125	10	60	38.20	594.57
0865L1630	M16 x 30	25	115	16	30	150	125	10	60	41.40	653.94
0865L1660	M16 x 60	25	115	16	60	180	125	10	60	44.40	683.08



SHIELD ANCHORS - Projecting Bolt

Code	Size	Anchor Hole Size	Shield Length	Thread Diameter	Fastens Up To	Bolt Length	Min Hole Depth	Qty Per Box	Qty Per Outer	Weight Kg Per 100	Price £ Per 100
0865P610	M6 x 10	12	45	6	10	65	50	50	600	3.00	53.66
0865P625	M6 x 25	12	45	6	25	80	50	50	600	3.37	60.60
0865P660	M6 x 60	12	45	6	60	115	50	50	600	3.92	62.07
0865P810	M8 x 10	14	50	8	10	75	55	50	300	6.54	69.96
0865P825	M8 x 25	14	50	8	25	90	55	50	300	6.74	75.79
0865P860	M8 x 60	14	50	8	60	125	55	50	300	7.80	79.26
0865P1015	M10 x 15	16	60	10	15	90	65	50	200	10.50	105.94
0865P1030	M10 x 30	16	60	10	30	105	65	50	200	11.50	111.87
0865P1060	M10 x 60	16	60	10	60	135	65	25	200	13.00	114.26
0865P1215	M12 x 15	20	75	12	15	110	85	25	150	16.70	183.66
0865P1230	M12 x 30	20	75	12	30	125	85	25	150	18.80	198.92
0865P1275	M12 x 75	20	75	12	75	170	85	10	150	21.20	227.94
0865P1615	M16 x 15	25	115	16	15	150	125	10	60	34.70	446.68
0865P1635	M16 x 35	25	115	16	35	170	125	10	60	38.20	539.75
0865P1675	M16 x 75	25	115	16	75	210	125	10	60	44.80	809.57

Technical Information Shield Anchors - Loose & Projecting Bolt

Thread Diameter (size)	Hole Diameter (mm)	Hole Depth (mm)	Fixture Clearance Hole (mm)	Centre Spacing (mm)	Edge Distance (mm)	Rec Tensile Load kN	Rec Shear Load kN	Rec Tight Torque Nm
M6	12	50	7-8	120	80	3.3	2.1	6.5
M8	14	55	9-10	150	100	4.8	4.4	15
M10	16	65	11-12	180	120	6.2	6.1	27
M12	20	85	13-14	250	160	9.7	12.4	50
M16	25	125	17-18	290	190	21.3	27.6	120

For loads for 30 N/mm² CONCRETE.



SHIELD ANCHORS - Eye Bolt - Forged

Code	Size	Anchor Hole Size	Eye hole Width	Shield Length	Thread Diameter	Min Hole Depth	Qty Per Box	Qty Per Outer	Weight Kg Per 100	Price £ Per 100
0865EYE6	M6	12	10	45	6	50	50	600	3.64	125.71
0865EYE8	M8	14	12	50	8	55	50	300	6.16	167.62
0865EYE10	M10	16	14	60	10	65	50	200	11.80	250.50
0865EYE12	M12	20	16	75	12	85	25	100	19.84	446.59

SHIELD ANCHORS - Hook Bolt

Code	Size	Anchor Hole Size	Shield Length	Thread Diameter	Min Hole Depth	Qty Per Box	Qty Per Outer	Weight Kg Per 100	Price £ Per 100
0865H6	M6	12	45	6	50	50	600	3.68	125.71
0865H8	M8	14	50	8	55	50	300	6.84	167.62
0865H10	M10	16	60	10	65	50	200	11.96	250.50
0865H12	M12	20	75	12	85	25	100	22.40	446.59

SHIELD ANCHORS - Shield Only

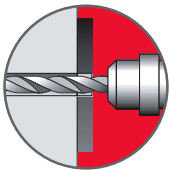
Code	Size	Anchor Hole Size	Shield Length	Thread Diameter	Min Hole Depth	Qty Per Box	Qty Per Outer	Weight Kg Per 100	Price £ Per 100
0865S6	M6	12	45	6	50	50	900	1.84	46.41
0865S8	M8	14	50	8	55	50	900	2.56	68.39
0865S10	M10	16	60	10	65	50	600	3.80	85.32
0865S12	M12	20	75	12	85	25	300	7.36	166.11
0865S16	M16	25	115	16	125	10	120	16.60	349.27

Technical Information Shield Anchors - Hook and Eye Bolt

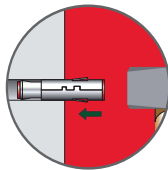
Thread Diameter (size)	Hole Diameter (mm)	Hole Depth (mm)	Centre Spacing (mm)	Edge Distance (mm)	Forged Eye Bolt Tensile Load kN	Pressed Eye Bolt Tensile Load kN	Forged Hook Bolt Tensile Load kN	Rec Tight Torque Nm
M6	12	50	120	80	1.6	0.6	0.6	6.5
M8	14	55	150	100	2.9	1.0	1.0	15
M10	16	65	180	120	4.6	1.3	1.7	24
M12	20	85	250	160	6.9	7.2	2.5	50

For loads for 30 N/mm² CONCRETE.

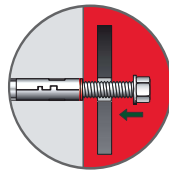
The Shield Anchor is the most popular anchor, internally threaded for fixing into masonry and concrete. Ideal general purpose anchor bolt, suitable for variations in hole size.



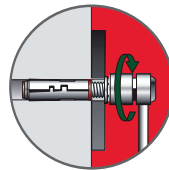
Drill your hole to the correct diameter...



...tap in anchor...



...insert Shield Anchor into hole...



...tighten to recommended tightening torque.

