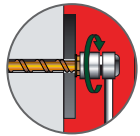
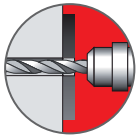


SCREWBOLTS - EXCALIBUR



SCREWBOLTS HEX HEAD - Zinc & Yellow

Code	Size	Drill Diameter	Anchor Length	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0825M490050	M6 x 50	6	50	20	42	100	1.25	28.22
0825M490075	M6 x 75	6	75	35	42	100	1.80	37.80
0825M490100	M6 x 100	6	100	50	42	100	1.95	42.97
0825M540050	M8 x 50	8	50	14	56	100	2.40	40.64
0825M540075	M8 x 75	8	75	39	56	100	3.40	48.12
0825M540100	M8 x 100	8	100	50	56	100	4.40	64.72
0825M560060	M10 x 60	10	60	15	70	50	4.60	69.00
0825M560075	M10 x 75	10	75	30	70	50	5.60	74.70
0825M560100	M10 x 100	10	100	50	70	50	7.20	91.49
0825M560120	M10 x 120	10	120	70	70	50	8.40	97.68
0825M560150	M10 x 150	10	150	100	70	50	9.00	133.97
0825M580075	M12 x 75	12	75	20	84	50	8.00	94.30
0825M580100	M12 x 100	12	100	46	84	50	10.20	111.71
0825M580150	M12 x 150	12	150	96	84	50	14.17	168.86
0825M620100	M16 x 100	16	100	28	152	20	18.40	395.31
0825M620150	M16 x 150	16	150	58	152	20	25.50	454.90
0825M620200	M16 x 200	16	200	108	232	25	31.76	557.25
0825M640100	M20 x 100	20	100	28	140	20	33.65	447.15
0825M640150	M20 x 150	20	150	58	190	20	44.05	505.57
0825M640200	M20 x 200	20	200	108	240	10	52.50	651.63



Drill your hole to the correct diameter...

...drive down plug using setting tool.

Installation tips:-

The hole depth must be at least the embedment depth of the Screwbolt plus twice the diameter of the Screwbolt. Clean out excess dust.

Ensure that continual pressure is applied, particularly when engaging the first thread.

During installation, debris or dust created by the thread cutting action may cause some resistance to be experienced. This is easily overcome by unscrewing the Screwbolt for one turn or more, and then continuing fix to full embedment.

- **Secure fixing** - The Twin helical thread gives secure grip throughout the full embedment.
- **Fast** - 30° helix angle for fast insertion with power or hand tools (eg. 3 turns= 40mm embedment on 8mm).
- **Grip/Pullout** - The Wide pitch produces high strength grip without distressing surrounding substrate/material and the Deep thread engagement results in high performance.
- **Edge fixing** - No expansion by the bolt provides ability for close to the edge fixing.
- **Reusable** - Self tapping of thread into substrate allows for removal and replacement.

Torque Wrenches

Help confirm anchor is functioning correctly. Protects the material from being over stressed.

MasonMate tightening torques are calculated with care. When fixings are safety critical, and many are, torque needs to be right and use of torque wrench is vital.

Torque figure is quoted for concrete, consider reduction proportion for weaker materials such as soft brick or lightweight blocks.



Carolus 1/2" Torque Wrench

Code	Capacity	Price
4989T01210100	10-100Nm	158.52
4989T01220200	20-200Nm	158.52
4989T10260300	60-300Nm	172.31



Unior 264 Torque Wrenches

Code	Capacity	Price
6010T615485	1/4" 2-24Nm	96.75
6010T615486	3/8" 5-110Nm	96.75
6010T615487	1/2" 42-210Nm	96.75
6010T615488	1/2" 35-350Nm	147.95
6010T615489	3/4" 70-560Nm	280.65
6010T615490	3/4" 70-700Nm	512.25
6010T615491	1" 140-980Nm	606.85

SCREWBOLTS COUNTERSUNK HEX SOCKET - Zinc & Yellow

Code	Size	Drill Diameter	Anchor Length	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0827M490050	M6 x 50	6	50	20	42	100	1.14	28.36
0827M490075	M6 x 75	6	75	35	42	100	1.49	38.67
0827M540050	M8 x 50	8	50	14	56	100	2.03	41.82
0827M540075	M8 x 75	8	75	39	56	100	3.49	48.99
0827M540100	M8 x 100	8	100	50	56	100	3.95	54.72
0827M560075	M10 x 75	10	75	30	70	50	4.35	78.39
0827M560100	M10 x 100	10	100	50	70	50	5.45	92.68
0827M580075	M12 x 75	12	75	20	84	50	6.36	96.68
0827M580100	M12 x 100	12	100	46	84	50	7.90	116.02
0827M580150	M12 x 150	12	150	96	84	50	12.23	172.75



Technical Information Excalibur Screwbolts - Hex Head & Countersunk

Thread Diameter (Size)	Drill Diameter (mm)	Embedment 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	6	30	7	90	45	1.7	4.8	20
M8	8	40	10	100	60	4.9	8.5	25
M10	10	50	12	120	60	6.3	8.7	40
M12	12	60	14	170	80	8.8	12.3	60
M16	16	120	16	200	90	15.7	15.4	80

For loads for 30 N/mm² CONCRETE.

Shear loads are for loads away from a free edge.

EYE SCREWBOLTS - Zinc & Yellow

Code	Size	Drill Diameter	Anchor Length	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0829M540055	8 x 55	8	55	-	56	50	8.0	141.74
0829M560065	10 x 65	10	65	-	70	25	15.0	168.60
0829M580075	12 x 75	12	75	-	84	25	28.0	244.98



HOOK SCREWBOLTS - Zinc & Yellow

Code	Size	Drill Diameter	Anchor Length	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0830M560065	10 x 65	10	65	-	70	25	12.0	146.50
0830M580075	12 x 75	12	75	-	84	25	23.0	183.90



SCAFFOLD BOLT - Zinc

Code	Size	Drill Diameter	Anchor Length	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Each
0824M580120	12	12	185	-	-	25	30.0	6.36

(11 for soft materials)

Technical Information Scaffold Bolt

Thread Diameter (Size)	Drill Diameter (mm)	Ringbolt Internal Diameter (mm)	Fixture Clearance Hole (mm)	Safe Load on Eye kN
M12	12	52	15	16.4



Eye is closed by a weld.

