



Hot Dip Galvanised coating to over 40 microns for increased corrosion protection

Stainless Steel clips to reduce loss of protection when setting

A Through Bolt is a torque controlled anchor, where the hole size is the same as the bolt

All our Through Bolts are packed with nut and washer pre-assembled

## THROUGH BOLTS - Hot Dip Galvanised

Code	Size	Anchor Hole Size	Anchor Length	Thread Length	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0841M540050G	M8 X 50	8	50	22	5	45	100	2.32	80.97
0841M540075G	M8 X 75	8	75	25	10	65	100	3.44	88.31
0841M540095G	M8 X 95	8	95	25	30	65	100	4.19	97.48
0841M540120G	M8 X 120	8	120	25	55	65	100	5.09	107.22
0841M560060G	M10 X 60	10	60	25	10	50	50	2.31	107.91
0841M560080G	M10 X 80	10	80	30	10	70	50	3.00	114.92
0841M560100G	M10 X 100	10	100	30	30	70	50	3.47	119.43
0841M560125G	M10 x 125	10	125	30	50	70	50	4.21	136.36
0841M580085G	M12 X 85	12	85	25	10	80	25	2.10	168.51
0841M580100G	M12 X 100	12	100	35	15	90	25	2.50	180.29
0841M580115G	M12 X 115	12	115	35	20	90	25	2.84	183.97
0841M580145G	M12 X 145	12	145	35	50	90	25	3.48	215.22
0841M580180G	M12 x 180	12	180	80	85	90	25	4.21	297.41
0841M620110G	M16 X 110	16	110	60	15	90	20	4.14	314.40
0841M620125G	M16 X 125	16	125	40	10	110	20	4.50	353.47
0841M620150G	M16 X 150	16	150	40	30	110	20	5.04	396.01
0841M620200G	M16 X 200	16	200	55	80	110	20	6.50	503.04
0841M640170G	M20 X 170	20	170	45	35	130	10	4.96	649.54
0841M640220G	M20 X 220	20	220	55	75	130	10	6.00	755.74
0841M640280G	M20 X 280	20	280	55	135	130	10	7.00	795.50

## Technical Information Through Bolts - Hot Dip Galvanised

Thread Diameter (size)	Hole Diameter (mm)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Recommended Tensile Load kN	Recommended Shear Load kN	Recommended Tight Torque kN
M8	8	40	9	75	60	60	2.80	3.20	10
M10	10	50	12	105	80	80	4.30	5.80	28
M12	12	60	14	140	100	100	6.80	7.20	34
M16	16	70	18	165	130	110	8.00	10.40	85
M20	20	100	22	195	160	130	10.80	14.00	160

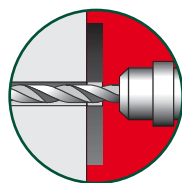
For loads for 30 N/mm<sup>2</sup> CONCRETE  
Shear loads are for loads away from a free edge

Fast and efficient installation, used for fixing suspended ceilings

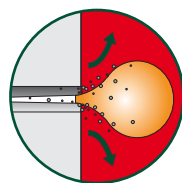


## WIRE HANGERS - Zinc & Yellow

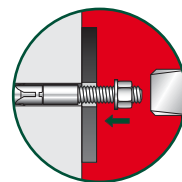
Code	Size	Anchor Hole Size	Anchor Length	Fastens Up To	Min Hole Depth	Rec Tensile Load kN	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0861T490060	6 x 60	6	60	-	45	1.5	100	1.41	23.16



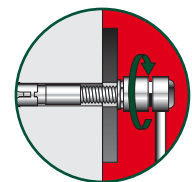
Drill your hole to the correct diameter...



...clear any debris...



...insert Through Bolt through fixture into hole...



...tighten to recommended tightening torque