



The throughbolt is a torque controlled anchor suitable for use in concrete over C20/25

Throughbolt • Zinc Plated and Yellow Passivated • Min 5µm

Part Number	Anchor Hole Size mm	Anchor Length mm	Thread Length mm	Maximum Fixture Thickness mm	Minimum Hole Depth mm	Quantity Per Box/Outer	Ship Wt. Kg Per 100	Price £ Per 100
TB06045	6	45	20	5	35	100/1800	1.26	34.47
TB06055	6	55	30	15	35	100/1800	1.34	37.74
TB06085	6	85	60	45	35	100/1200	2.12	39.92
TB08050	8	50	20	5	40	100/900	2.60	46.28
TB08065	8	65	35	20	40	100/900	3.14	49.51
TB08080	8	80	50	35	40	50/600	3.54	56.16
TB08100	8	100	70	55	40	50/600	4.08	59.06
TB08130	8	130	85	85	40	50/450	4.88	66.75
TB10065	10	65	25	8	50	50/450	4.80	62.31
TB10075	10	75	35	18	50	50/450	5.40	67.19
TB10090	10	90	50	33	50	50/400	6.32	73.94
TB10120	10	120	80	63	50	20/300	8.20	85.10
TB12080	12	80	30	5	65	20/240	8.10	98.32
TB12100	12	100	50	25	65	20/240	9.60	104.49
TB12120	12	120	70	45	65	20/180	11.30	124.64
TB12140	12	140	90	65	65	20/180	13.00	137.07
TB12180	12	180	90	105	65	20/160	16.40	176.79
TB16105	16	105	60	10	85	20/120	19.85	192.55
TB16125	16	125	65	30	85	20/120	22.50	235.19
TB16150	16	150	90	55	85	20/80	26.18	262.36
TB16175	16	175	90	80	85	10/80	29.85	299.87
TB16220	16	220	90	125	85	10	35.00	354.38
TB20130	20	130	60	20	100	10/60	36.80	335.73
TB20160	20	160	60	50	100	10/60	45.20	373.53
TB20215	20	215	60	105	100	10/40	58.10	537.45
TB24180	24	180	65	45	120	10	69.00	796.11
TB24260	24	260	65	125	120	5	98.00	1065.11

Technical Information C20/25 Concrete

Anchor/Hole Size mm	Thread 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. Tightening Torque Nm
6	M6	30	7	70	50	100	2.6	2.9	6
8	M8	35	9	75	50	100	2.9	5.3	10
10	M10	45	12	105	55	100	4.6	7.7	28
12	M12	60	14	140	70	100	7.1	11.8	34
16	M16	75	18	165	85	110	9.4	18.6	85
20	M20	85	22	195	100	130	12.4	29.0	160
24	M24	105	26	240	120	160	16.3	41.8	380

Shear loads are for loads away from a free edge

Wirehangers



Part Number	Anchor Hole Size	Anchor Length mm	Eye Diameter mm	Minium Hole Depth mm	Rec Tensile Load KN	Quantity Per Box/Outer	Ship Wt. Kg Per 100	Price £ Per 100
TW06055	6	55	6.0	40	1.5	100/2000	1.15	27.60