



A throughbolt with a European Technical Approval, is a torque controlled anchor suitable for use in concrete over C20/25



Approved Throughbolt • Clear Zinc Plated

Part Number	Anchor Hole Size mm	Anchor Length mm	Maximum Fixture Thickness mm	Minimum Hole Depth mm	Quantity Per Box/Outer	Ship Wt. Kg Per 100	Price £ Per 100
AWA06060	6	60	1	55	100	1.67	42.50
AWA06080	6	80	22	55	100	1.87	42.54
AWA08075	8	75	4	65	50	3.05	56.06
AWA08090	8	90	19	65	50	3.55	58.44
AWA08115	8	115	44	65	50	4.34	63.34
AWA08130	8	130	59	65	50	5.36	67.46
AWA10090	10	90	10	70	50	5.95	71.89
AWA10120	10	120	40	70	20	7.62	82.56
AWA10150	10	150	70	70	20	9.00	90.14
AWA12110	12	110	18	85	20	10.40	107.45
AWA12140	12	140	48	85	20	12.59	129.18
AWA12160	12	160	68	85	20	14.04	138.83
AWA12180	12	180	88	85	20	15.75	185.93
AWA16125	16	125	4	110	20	21.29	226.58
AWA16145	16	145	22	110	20	23.96	241.08
AWA16170	16	170	47	110	10	27.47	312.72
AWA20170	20	170	23	135	10	43.87	392.42

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	Approved Tensile Load KN	Approved Shear Load KN	Rec. Tightening Torque Nm
6	M6	50	7	120	60	100	3.9	2.9	7
8	M8	60	9	144	72	100	5.7	5.3	20
10	M10	67	12	165	83	100	6.4	8.4	35
12	M12	77	14	195	98	130	9.9	11.8	60
16	M16	104	18	252	126	168	13.9	21.9	120
20	M20	125	22	309	155	206	19.8	32.2	240

Shear loads are for loads away from a free edge