



## Ankerbolt Data Sheet

Countersunk



Hex Flange Head



Hexagon Head



Hook Bolt



Eye Bolt



		M6	M8	M10	M12	M14	M18
Drill Hole Diam	mm	5	6	8	10	12	16
Clearance Hole Diam	mm	7	10	12	14	16	20
Minimum Hole Depth	mm	40	40 (30)	55	70	85	112
Torx Setting Tool (Countersunk)	mm	T30					
Flange Head A/F	mm		10				
Hexagon Head A/F	mm			15	17	19	24
Minimum Embedded Depth	mm	30	30 (25)	40	50	60	80
Ultimate Tensile Strength	N/mm <sup>2</sup>	800	800	800	800	800	800
Yield Strength	N/mm <sup>2</sup>	640	640	640	640	640	640
Recommended Tightening Torque	Nm	20	25	40	60	80	100
Recommended Tensile Load	kN	1	2 (1)	3	4.5	6.5	8.8
Recommended Shear Load	kN	2.3	2.5 (1)	6	10	13.5	17
Minimum Spacing	mm	90	100	120	170	200	260
Minimum Edge Distance	mm	45	50	60	80	90	120

Loads are for 30N/mm<sup>2</sup> concrete

Figures in brackets are for JAB08030 anchor only

The Ankerbolt is a self tapping through fixing designed for medium duty application in solid concrete, solid brick, hollow brick, concrete blocks and natural stone. The thread form provides a positive location in the pre-drilled hole which is formed using standard size drill bits.

### Typical Applications:

Holding Down Bolts for Machinery, Racking, Stadium Seating, Safety Fences, Wall Brackets, Balustrading and Suspension Brackets.

### Installation Instructions:

1. Position Fixture and drill correct diameter hole to correct depth.
2. Clean out hole by brushing and blowing
3. Insert Ankerbolt through Fixture into hole
4. Tighten Ankerbolt to Recommended Torque

### Application Guide:

Steel Erectors	Steel Baseplates, Steel Beams, Fire Escapes, Elevated Walkways, Balustrading
Formworkers	Shuttering Footplates, Raking Props, Temporary Supports
Electricians	Cable Brackets, Lighting Columns, Switch Boxes
Plumbers	Pipework Brackets, Industrial Boilers, Water Tanks
Carpenters	Roof beams to concrete frame, Timber Sole Plates, Door & Window Frames
Storage Systems	Racking, Protection Barriers, Guide Rails