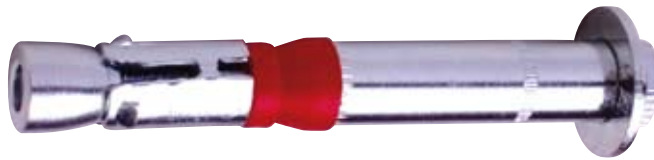


## Heavy Duty Anchor - Zinc Plated

### Heavy Duty Anchor Zinc Plated

Product group: 0870

Heavy Duty Through Fixing  
Bright Zinc Plated and Clear Passivated min 5um  
Suitable for use in concrete over 20N/mm



		M6	M8	M10	M12	M16	M20
Thread Diameter	mm	6	8	10	12	16	20
Drill Hole Diameter	mm	10	12	15	18	24	28
Clearance Hole Diameter	mm	12	14	17	20	26	30
Minimum Hole Depth	mm	70	80	95	105	155	185
Minimum Embedment Depth	mm	65	75	90	95	150	165
Ultimate Tensile Strength	N/mm	800	800	800	800	800	800
Yield Strength	N/mm	640	640	640	640	640	640
Recommended Tightening Torque	Nm	10	25	50	80	120	180
Recommended Tensile Load	kN	4.5	7.3	11	13.2	18.5	36.6
Recommended Shear Load	kN	4.6	7.8	11.4	16.4	34	47.1
Characteristic Tensile Load	kN	13.5	22	33	39.7	55.4	109.8
Characteristic Shear Load	kN	11.5	19.5	28.5	41	85	117.75
Minimum Spacing	mm	150	180	215	240	300	375
Minimum Edge	mm	75	90	107	120	150	190

The Heavy Duty Anchor is a through fixing designed for heavy duty application in solid concrete.

The high grade bolt, expansion sleeve and thick wall shear sleeve allow it to resist heavy Tensile & Shear Loads.

The hole into the concrete is drilled through a pre-drilled clearance hole in the fixture and with the fixture in situ.

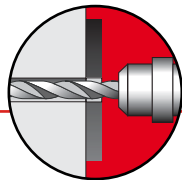
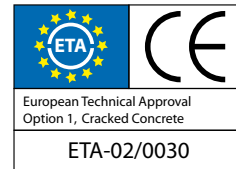
## Heavy Duty Anchor - Zinc Plated

### Potential Applications:

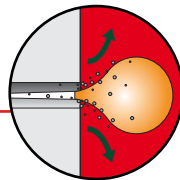
Holding down Bolts for Steel Columns and Beams  
Formwork Props  
Heavy Pipe Brackets

The Heavy Duty Anchor is a torque controlled anchor, suitable for concrete over 20N/mm<sup>2</sup>.

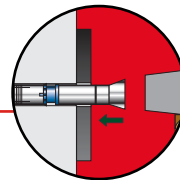
The anchor is ideally suited where reliability and security are the principle requirements in safety critical applications.



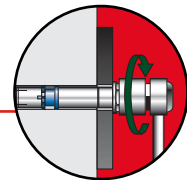
Drill your hole to the correct diameter...



...clear any debris...



...insert Heavy Duty Anchor into hole...



tighten to recommended tightening torque