

**CONCRETE ANCHORS**

**Foundation Bolt & Nut Indented SC GR 4.6**



Cast in anchor bolt in small to medium diameters designed specifically to resist axial loads to prevent loosening of the bolt on tightening.

Grades available: 8.8, Stainless Steel

Finishes available: zinc plate, hot dip galvanised

Conformance: DIN 529

CODE	DIAMETER	LENGTH	BOX	per/100
ANC645	M10	80.00	100	1082.22
ANC646	M10	100.00	100	805.26
ANC647	M10	140.00	50	821.34
ANC648	M10	160.00	50	825.84
ANC649	M12	100.00	50	837.21
ANC650	M12	120.00	50	1040.46
ANC651	M12	140.00	50	1042.68
ANC652	M12	160.00	25	1065.84
ANC653	M12	180.00	25	1090.65
ANC654	M12	200.00	25	1182.72
ANC655	M12	220.00	25	1224.21
ANC656	M12	240.00	25	1246.95
ANC657	M16	100.00	25	1272.66
ANC658	M16	120.00	25	1272.72
ANC659	M16	140.00	25	1582.02
ANC660	M16	160.00	25	1623.93
ANC664	M16	180.00	25	1706.91
ANC662	M16	200.00	25	1738.77
ANC663	M16	220.00	25	1858.56
ANC664	M16	240.00	25	1918.77
ANC665	M16	300.00	10	2276.91
ANC666	M20	140.00	10	1842.09
ANC667	M20	160.00	10	1888.89
ANC668	M20	180.00	10	2009.97
ANC669	M20	200.00	10	2346.72
ANC670	M20	220.00	10	2378.10
ANC671	M20	240.00	10	3025.74
ANC672	M20	260.00	10	3083.91
ANC673	M20	300.00	10	3228.75
ANC674	M20	350.00	10	3451.38
ANC675	M20	450.00	5	4764.60
ANC676	M24	220.00	5	3602.94
ANC677	M24	240.00	5	3420.51
ANC678	M24	260.00	5	3891.36
ANC679	M24	300.00	5	4897.41
ANC680	M24	350.00	5	4296.30
ANC681	M24	400.00	5	6701.79

**Holding Down Bolts Square Head Gr 4.6**

Commonly termed square hex, these cast-in anchors are generally used as an assembly comprising the bolt and a washer plate which engages on the square profile under the head of the bolt to prevent bolt rotation and provide a clamping action to the fixture. Supplied with hex nut.

Polystyrene, wax cardboard or expanded metal bolt boxes would also generally be used to enable minor adjustments after casting.

Grades available: 8.8, Stainless Steel

Finishes available: zinc plate, hot dip galvanised

Conformance: BS 7419

CODE	DIAMETER	LENGTH	per/100
ANC682	M16	300.00	POA
ANC683	M16	375.00	POA
ANC684	M16	450.00	POA
ANC685	M16	525.00	POA
ANC686	M16	600.00	POA
ANC687	M20	300.00	POA
ANC688	M20	375.00	POA
ANC689	M20	450.00	POA
ANC690	M20	525.00	POA
ANC691	M20	600.00	POA
ANC692	M20	750.00	POA
ANC693	M24	375.00	POA
ANC694	M24	450.00	POA
ANC695	M24	525.00	POA
ANC696	M24	600.00	POA
ANC697	M24	750.00	POA
ANC698	M30	450.00	POA
ANC699	M30	600.00	POA
ANC700	M30	750.00	POA
ANC701	M30	1000.00	POA

**Washer Plates**

100x100mm square with square centered locating hole

CODE	DIAMETER	LENGTH	per/100
ANC702	M16		POA
ANC703	M20		POA
ANC704	M24		POA
ANC705	M30		POA

**Wax Cardboard Bolt Boxes**

Temporary fix - Re-usable

CODE	SIZE	LENGTH	per/100
ANC706	25x65mm	229.00	POA
ANC707	25x97mm	229.00	POA
ANC708	30x120mm	229.00	POA
ANC709	30x133mm	229.00	POA
ANC710	30x133mm	229.00	POA
ANC711	30x140mm	229.00	POA
ANC712	30x165mm	229.00	POA

**Polystyrene Bolt Boxes**

Temporary fix - Re-usable

CODE	SIZE	LENGTH	per/100
ANC713	50x75mm	225.00	POA
ANC714	50x75mm	300.00	POA
ANC715	50x75mm	350.00	POA
ANC716	50x75mm	450.00	POA
ANC717	50x75mm	550.00	POA
ANC718	50x75mm	600.00	POA

**Expanded Metal Bolt Box**

Temporary fix - Re-usable

CODE	SIZE	LENGTH	per/100
ANC719	75mm	225.00	POA
ANC720	75mm	300.00	POA
ANC721	75mm	375.00	POA
ANC722	75mm	450.00	POA
ANC723	75mm	600.00	POA

**Cast in Fixing Sockets**



Internally threaded sockets holed or angled for casting into concrete sections to form fixing points.

Holed for attachment to rebar and available with nailing plates for fixing to formwork. Sockets also available with connected waved end and right angled rebar for casting in thin section.

Plastic push fit stoppers POA.

CODE	DIAMETER	LENGTH	per/100
<b>Standard sockets</b>			
ANC724	M6	35.00	69.64
ANC725	M8	40.00	84.08
ANC726	M10	45.00	94.60
ANC727	M10	50.00	110.32
ANC728	M12	60.00	139.64
ANC729	M16	70.00	181.00
ANC730	M16	80.00	191.23
ANC731	M16	100.00	217.68
ANC732	M20	100.00	325.64
ANC733	M20	120.00	377.08
ANC734	M24	120.00	572.32
ANC735	M30	150.00	POA
<b>Angled sockets</b>			
ANC736	M8	30.00	76.44
ANC737	M10	35.00	89.67
ANC738	M12	45.00	110.47
ANC739	M16	60.00	194.22
<b>Nailing plates plastic</b>			
ANC740	M6		66.40
ANC741	M8		69.25
ANC742	M10		69.88
ANC743	M12		71.23
ANC744	M16		72.15
ANC745	M20		78.66
ANC746	M24		82.54
ANC747	M30		91.78

Magnetic plates for steel formwork available to order.

POA for stainless steel sockets. M16 x 50 sockets unholed.

Contact sales for full details of our insert range and load values.