



## HEAVY DUTY ANCHORS - Countersunk Bolt Zinc

Code	Size	Anchor Hole Size	Anchor Length	Thread Diameter	Fastens Up To	Min Hole Depth	Head Diameter	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0870C610	6 x 10	10	70	6	10	65	16.5	50	3.94	<b>229.49</b>
0870C625	6 x 25	10	85	6	25	65	16.5	50	4.72	<b>236.98</b>
0870C645	6 x 45	10	105	6	45	65	16.5	50	5.78	<b>248.72</b>
0870C810	8 x 10	12	80	8	10	80	20.5	50	6.82	<b>268.06</b>
0870C825	8 x 25	12	95	8	25	80	20.5	50	7.96	<b>289.78</b>
0870C850	8 x 50	12	120	8	50	80	20.5	25	9.64	<b>310.61</b>
0870C1010	10 x 10	15	95	10	10	95	24.5	25	12.64	<b>361.35</b>
0870C1025	10 x 25	15	110	10	25	95	24.5	25	14.84	<b>381.40</b>
0870C1050	10 x 50	15	135	10	50	95	24.5	25	18.12	<b>414.33</b>
0870C1220	12 x 20	18	115	12	20	105	29.5	20	22.45	<b>589.55</b>
0870C1240	12 x 40	18	135	12	40	105	29.5	20	26.00	<b>648.96</b>

## Technical Information Heavy Duty Anchors - Countersunk Bolt Zinc

Hole Diameter (mm)	Thread Diameter (size)	HEX Driver Size	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Min.Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Approved Tensile Load kN	Approved Shear Load kN	Rec Tight Torque Nm
10	M6	4	60	12	150	75	100	7.6	10.1	10
12	M8	5	70	14	180	90	120	9.5	17.1	25
14	M10	6	85	17	213	107	140	14.3	20.5	55
18	M12	8	95	20	240	120	160	17.2	24.5	70

For loads for 30 N/mm<sup>2</sup> CONCRETE - non cracked C20/25.  
Shear loads are for loads away from a free edge.

## HEAVY DUTY ANCHORS - A4 Stainless Steel

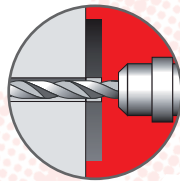
Code	Size	Anchor Hole Size	Anchor Length	Thread Diameter	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0870C540010SS	8 x 10	8	80	8	10	63	50	3.20	<b>680.12</b>
0870C540025SS	8 x 25	8	95	8	25	63	50	3.85	<b>810.46</b>
0870C560010SS	10 x 10	10	94	10	10	73	25	2.75	<b>989.80</b>
0870C560025SS	10 x 25	10	109	10	25	73	25	3.15	<b>1051.54</b>
0870C580015SS	12 x 15	12	112	12	15	93	20	4.20	<b>1559.18</b>
0870C580040SS	12 x 40	12	137	12	40	93	20	5.00	<b>1731.66</b>
0870C620025SS	16 x 25	16	150	16	25	107	10	4.75	<b>1805.16</b>

## Technical Information Heavy Duty Anchors - Hex Bolt Zinc

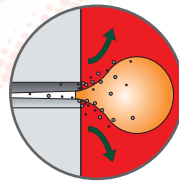
Hole Diameter (mm)	Thread Diameter (size)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Min.Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Approved Tensile Load kN	Approved Shear Load kN	Rec Tight Torque Nm
12	M8	63	14	165	83	120	9.8	10.2	25
14	M10	73	16	195	98	140	12.6	14.5	50
18	M12	93	20	240	120	160	17.2	25.4	80

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

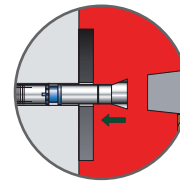
The anchor is ideally suited where reliability and security are the principle requirements in safety critical applications.



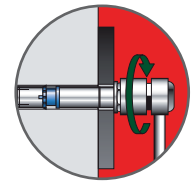
Drill your hole to the correct diameter...



...clear any debris...



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



tighten to recommended tightening torque.

## HEAVY DUTY ANCHORS - Hex Bolt Zinc

Code	Size	Anchor Hole Size	Anchor Length	Thread Diameter	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0870H810	8 x 10	12	87	8	10	80	50	6.60	<b>150.86</b>
0870H830	8 x 30	12	107	8	30	80	50	8.00	<b>173.12</b>
0870H850	8 x 50	12	127	8	50	80	25	10.00	<b>190.41</b>
0870H1015	10 x 15	15	108	10	15	95	25	12.80	<b>208.81</b>
0870H1025	10 x 25	15	118	10	25	95	25	14.00	<b>223.74</b>
0870H1045	10 x 45	15	138	10	45	95	25	16.00	<b>261.26</b>
0870H1210	12 x 10	18	117	12	10	105	20	20.50	<b>328.98</b>
0870H1220	12 x 20	18	127	12	20	105	20	22.00	<b>365.50</b>
0870H1240	12 x 40	18	147	12	40	105	20	25.50	<b>408.26</b>
0870H1620	16 x 20	24	152	16	20	130	10	47.00	<b>694.81</b>
0870H1650	16 x 50	24	182	16	50	130	10	55.00	<b>719.89</b>
0870H2030	20 x 30	28	192	20	30	160	10	85.00	<b>1310.00</b>
0870H2060	20 x 60	28	222	20	60	160	5	102.00	<b>1423.77</b>

## Technical Information Heavy Duty Anchors - Hex Bolt Zinc

Thread Diameter (size)	Hole Diameter (mm)	Embedment Depth (mm)	Fixture Clearance Hole (mm)	Min Centre Spacing (mm)	Edge Distance (mm)	Structure Thickness (mm)	Approved Tensile Load kN	Approved Shear Load kN	Rec Tight Torque Nm
M8	12	70	14	180	90	120	9.5	14.0	30
M10	15	85	17	213	107	140	14.3	20.7	50
M12	18	95	20	240	120	160	17.2	34.3	80
M16	24	120	26	300	150	200	24.0	48.0	120
M20	28	150	30	375	188	250	33.5	67.1	280

For loads for 30 N/mm<sup>2</sup> CONCRETE - Non cracked C20/25.  
Shear loads are for loads away from a free edge.

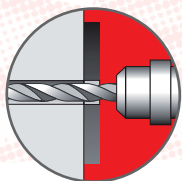
## HEAVY DUTY ANCHORS - Stud & Nut Zinc

Code	Size	Anchor Hole Size	Anchor Length	Thread Diameter	Fastens Up To	Min Hole Depth	Qty Per Box	Weight Kg Per 100	Price £ Per 100
0870S810	8 x 10	12	90	8	10	70	50	3.30	<b>168.56</b>
0870S830	8 x 30	12	110	8	30	70	50	4.00	<b>192.08</b>
0870S850	8 x 50	12	130	8	50	70	25	2.50	<b>210.70</b>
0870S1015	10 x 15	15	111	10	15	85	25	3.20	<b>232.26</b>
0870S1025	10 x 25	15	121	10	25	85	25	3.50	<b>251.86</b>
0870S1045	10 x 45	15	141	10	45	85	25	4.00	<b>287.14</b>
0870S1210	12 x 10	18	122	12	10	95	20	4.10	<b>379.26</b>
0870S1220	12 x 20	18	132	12	20	95	20	4.40	<b>411.60</b>
0870S1240	12 x 40	18	152	12	40	95	20	5.10	<b>458.64</b>
0870S1270	12 x 70	18	182	12	70	95	20	6.10	<b>513.52</b>
0870S1620	16 x 20	24	157	16	20	120	10	4.70	<b>803.60</b>
0870S1650	16 x 50	24	187	16	50	120	10	5.50	<b>895.72</b>

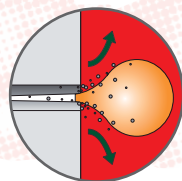


Thick Steel sleeve for strength

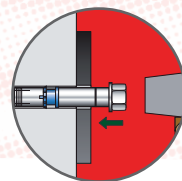
Crush lock feature for secure fit



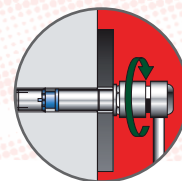
Drill your hole to the correct diameter...



...clear any debris...



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



...tighten to recommended tightening torque.

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.

ETA for cracked and non-cracked concrete.

Shock Approved