

# D-Bolt Concrete Anchor (self tapping anchor)

## Packing Details

SIZE	Carton Quantity	Outer Quantity
6 x 50mm	100	400
6 x 75mm	100	400
6 x 100mm	100	400
8 x 60mm	100	400
8 x 75mm	100	400
8 x 100mm	100	400
8 x 130mm	50	200
8 x 150mm	50	200
10 x 60mm	50	200
10 x 75mm	50	200
10 x 100mm	50	200

SIZE	Carton Quantity	Outer Quantity
10 x 130mm	50	150
10 x 150mm	25	75
12 x 75mm	50	200
12 x 100mm	25	100
12 x 130mm	25	100
12 x 150mm	25	100
12 x 200mm	25	100
16 x 100mm	20	100
16 x 150mm	20	100
16 x 200mm	20	100

In concrete (B25) the drill hole must be at least 20mm deeper than the bolt length  
 For example: To fix a metal object (5mm thick) using a 10 x 100mm Anchor  
 Bolt length (100mm) minus Object thickness( 5mm) = 95mm.  
 Therefore hole depth must be 95mm + 20mm = 115mm

## Dimensions & Load Data Concrete25 N/mm2 (B25)

SIZE	Drill Diameter	Clearance Hole Diameter in attached object	Minimum Embedment Depth	Bolt Head Diameter	Pull Out Value	Shear Force	Maximum Torque	Minimum Distance to Edge	Minimum Distance between anchors
6 x 30mm	6mm	8mm	30mm	10mm	2.8kn	5.2kn	30Nm	25mm	25mm
6 x 50mm	6mm	8mm	30mm	10mm	2.8kn	5.2kn	30kN	25mm	25mm
6 x 75mm	6mm	8mm	30mm	10mm	2.8kn	5.2kn	30kN	25mm	25mm
6 x 100mm	6mm	8mm	30mm	10mm	2.8kn	5.2kn	30kN	25mm	25mm
6 x 130mm	6mm	8mm	30mm	10mm	2.8kn	5.2kn	30kN	25mm	25mm
6 x 150mm	6mm	8mm	30mm	10mm	2.8kn	5.2kn	30kN	25mm	25mm
8 x 60mm	8mm	10mm	40mm	13mm	3.6kn	6.3kn	40kN	25mm	25mm
8 x 75mm	8mm	10mm	40mm	13mm	3.6kn	6.3kn	40kN	25mm	25mm
8 x 100mm	8mm	10mm	40mm	13mm	3.6kn	6.3kn	40kN	25mm	25mm
8 x 130mm	8mm	10mm	40mm	13mm	3.6kn	6.3kn	40kN	25mm	25mm
8 x 150mm	8mm	10mm	40mm	13mm	3.6kn	6.3kn	40kN	25mm	25mm
10 x 60mm	10mm	12mm	50mm	15mm	4.7kn	11.5kn	50kN	30mm	30mm
10 x 75mm	10mm	12mm	50mm	15mm	4.7kn	11.5kn	50kN	30mm	30mm
10 x 100mm	10mm	12mm	50mm	15mm	4.7kn	11.5kn	50kN	30mm	30mm
10 x 130mm	10mm	12mm	50mm	15mm	4.7kn	11.5kn	50kN	30mm	30mm
10 x 150mm	10mm	12mm	50mm	15mm	4.7kn	11.5kn	50kN	30mm	30mm
12 x 75mm	12mm	14mm	60mm	16mm	6.6kn	14.9kn	60kN	35mm	35mm
12 x 100mm	12mm	14mm	60mm	16mm	6.6kn	14.9kn	60kN	35mm	35mm
12 x 130mm	12mm	14mm	60mm	16mm	6.6kn	14.9kn	60kN	35mm	35mm
12 x 150mm	12mm	14mm	60mm	16mm	6.6kn	14.9kn	60kN	35mm	35mm
12 x 200mm	12mm	14mm	60mm	16mm	6.6kn	14.9kn	60kN	35mm	35mm
16 x 100mm	16mm	18mm	80mm	21mm	8.1kn	15.3kn	80kN	40mm	50mm
16 x 150mm	16mm	18mm	80mm	21mm	8.1kn	15.3kn	80kN	40mm	50mm
16 x 200mm	16mm	18mm	80mm	21mm	8.1kn	15.3kn	80kN	40mm	50mm

## Dimensions & Load Data Concrete 15 N/mm<sup>2</sup> (B15)

SIZE	Drill Diameter	Clearance Hole Diameter in attached object	Minimum Embedment Depth	Bolt Head Diameter	Pull Out Value	Shear Force	Maximum Torque	Minimum Distance to Edge	Minimum Distance between anchors
6 x 30mm	6mm	8mm	30mm	10mm	1.0Kn	2.2kN	30Nm	60mm	50mm
6 x 50mm	6mm	8mm	30mm	10mm	1.0Kn	2.2kN	30kN	60mm	50mm
6 x 75mm	6mm	8mm	30mm	10mm	1.0Kn	2.2kN	30kN	60mm	50mm
6 x 100mm	6mm	8mm	30mm	10mm	1.0Kn	2.2kN	30kN	60mm	50mm
6 x 130mm	6mm	8mm	30mm	10mm	1.0Kn	2.2kN	30kN	60mm	50mm
6 x 150mm	6mm	8mm	30mm	10mm	1.0Kn	2.2kN	30kN	60mm	50mm
8 x 60mm	8mm	10mm	40mm	13mm	1.2kN	3.6kN	40kN	60mm	50mm
8 x 75mm	8mm	10mm	40mm	13mm	1.2kN	3.6kN	40kN	60mm	50mm
8 x 100mm	8mm	10mm	40mm	13mm	1.2kN	3.6kN	40kN	60mm	60mm
8 x 130mm	8mm	10mm	40mm	13mm	1.2kN	3.6kN	40kN	60mm	60mm
8 x 150mm	8mm	10mm	40mm	13mm	1.2kN	3.6kN	40kN	60mm	60mm
10 x 60mm	10mm	12mm	50mm	15mm	1.5kN	4.2kN	50kN	75mm	60mm
10 x 75mm	10mm	12mm	50mm	15mm	1.5kN	4.2kN	50kN	75mm	60mm
10 x 100mm	10mm	12mm	50mm	15mm	1.5kN	4.2kN	50kN	75mm	60mm
10 x 130mm	10mm	12mm	50mm	15mm	1.5kN	4.2kN	50kN	75mm	60mm
10 x 150mm	10mm	12mm	50mm	15mm	1.5kN	4.2kN	50kN	75mm	70mm
12 x 75mm	12mm	14mm	60mm	16mm	1.7kN	4.6kN	60kN	90mm	70mm
12 x 100mm	12mm	14mm	60mm	16mm	1.7kN	4.6kN	60kN	90mm	70mm
12 x 130mm	12mm	14mm	60mm	16mm	1.7kN	4.6kN	60kN	90mm	70mm
12 x 150mm	12mm	14mm	60mm	16mm	1.7kN	4.6kN	60kN	90mm	70mm
12 x 200mm	12mm	14mm	60mm	16mm	1.7kN	4.6kN	60kN	90mm	70mm
16 x 100mm	16mm	18mm	80mm	21mm	2.1kN	5.0kN	80kN	105mm	80mm
16 x 150mm	16mm	18mm	80mm	21mm	2.1kN	5.0kN	80kN	105mm	80mm
16 x 200mm	16mm	18mm	80mm	21mm	2.1kN	5.0kN	80kN	105mm	80mm

In concrete (B15) the drill hole must be at least 15mm deeper than the bolt length  
 For example: To fix a metal object ( 5mm thick) using a 10 x 100mm Anchor  
 Bolt length ( 100mm) minus Object thickness( 5mm) = 95mm.  
 Therefore hole depth must be 95mm + 15mm = 110mm