

D-Bolt Masonry Anchor

DELTA LEIGH
Fixings, Fasteners & Power Tool Accessories

Twin Thread Masonry Anchor Bolt

Suitable for

Fixing to a variety of materials e.g. blocks, brick, stone and concrete. Enables extreme close to the edge fixing without stress to the substrate.

Application

Drill hole to required diameter and depth (see chart) then remove debris. Position the Delta Masonry Anchor through item, and simply screw home with required socket/spanner. Delta Masonry Anchor can be removed for future use. Engineered collar means no extra washer or flange is required.

Material

Produced and engineered from extremely high quality carbon steel then heat treated to achieve tensile strengths of 1080N/mm².

Finish

Anti-corrosion zinc and yellow passivated finish.

Sizes

From M5 x 30mm to the largest recommended M16 x 200mm
(See chart for required size / length).

Packing Details

CODE	DESCRIPTION	BOXED	OUTER
DBOLT6X50	M6 x 50mm D-Bolt Anchor	100	400
DBOLT6X75	M6 x 75mm D-Bolt Anchor	100	400
DBOLT6X100	M6 x 100mm D-Bolt Anc	100	400
DBOLT6X130	M6 x 130mm D-Bolt Anchor	50	400
DBOLT6X150	M6 x 150mm D-Bolt Anchor	50	400
DBOLT8X60	M8 x 60mm D-Bolt Anchor	100	400
DBOLT8X75	M8 x 75mm D-Bolt Anchor	100	400
DBOLT8X100	M8 x 100mm D-Bolt Anchor	100	400
DBOLT8X130	M8 x 130mm D-Bolt Anchor	50	200
DBOLT8X150	M8 x 150mm D-Bolt Anchor	50	200
DBOLT10X60	M10 x 60mm D-Bolt Anchor	50	200
DBOLT10X75	M10 x 75mm D-Bolt Anchor	50	200
DBOLT10X100	M10 x 100mm D-Bolt Anchor	50	200
DBOLT10X130	M10 x 130mm D-Bolt Anchor	50	200
DBOLT10X150	M10 x 150mm D-Bolt Anchor	50	200
DBOLT12X75	M12 x 75mm D-Bolt Anchor	50	200
DBOLT12X100	M12 x 100mm D-Bolt Anchor	25	100
DBOLT12X130	M12 x 130mm D-Bolt Anchor	25	100
DBOLT12X150	M12 x 150mm D-Bolt Anchor	25	100
DBOLT12X200	M12 x 200mm D-Bolt Anchor	25	100
DBOLT16X100	M16 x 100mm D-Bolt Anchor	10	50
DBOLT16X150	M16 x 150mm D-Bolt Anchor	10	50



Dimensions & Load Data

Concrete 25 N/mm² (B25)

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

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 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/mm² (B15)

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

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 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