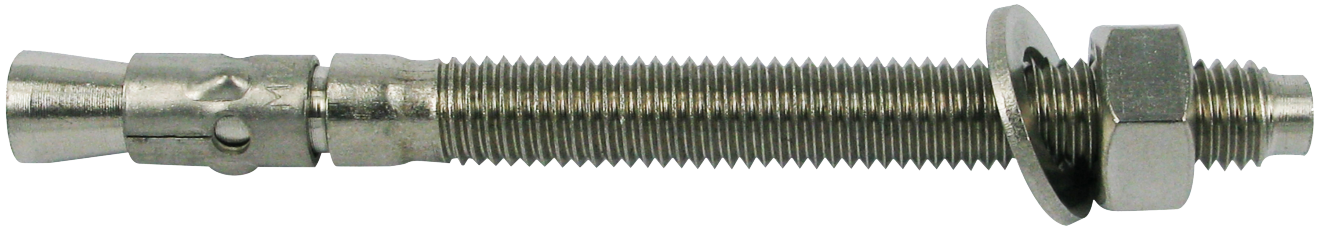


THROUGH BOLT



FOR BOTTOM PLATE FIXING



FORTRESS Throughbolts are a torque controlled expansion anchor for construction fixing into concrete.

Available in: Zinc plated, Galvanised, Stainless Steel

Description	Hole Diameter (mm)	Hole Depth (mm)	Fastens Material Up To (mm)
12 x 80	12	60	5
12 x 100	12	60	25
12 x 135	12	80	40
16 x 105	16	80	5
16 x 125	16	100	10
16 x 140	16	100	25
16 x 180	16	100	65
20 x 120	20	100	5
20 x 160	20	120	20
20 x 200	20	120	60

Installation Guide: Using correct diameter, drill into base material. Drilled hole must be at least 12mm greater than embedment depth. Clean the hole of dust. Drive the anchor through the fixture into the anchoring hole until firmly placed against the fixture. Tighten 3 to 4 turns or by applying listed torque.

