

Torx Tapcon



Extra large Tapcon for extra large challenges!

High performance large diameter masonry anchor provides twice the strength of standard Tapcon and the premium corrosion protection of UltraShield.

Substrates

- Concrete
- Masonry
- Blockwork
- Pre-cast hollow concrete beams
- Wood

Approvals

SBCCI Approved 9759
Miami-Dade Approved 02 - 311 - 03

Installation Equipment

- Rotary Hammer (SP21, 322, 327, HDI 244)
- Correct size drill bit
- Condrive Kit (Condrive 1000)

Installation

1. Drill hole with correct size drill bit to recommended depth and diameter (see table attached). Hole can be drilled through part to be fixed into substrate.
2. Insert anchor into corresponding Condrive socket.
3. Use drill (hammer setting off) or screwdriver to drive the anchor into pre drilled hole, anchor will automatically disengage once anchor is installed to correct depth.

Specification

Diameter	8mm
Thread form	Reversed Hi-Lo®
Point type	Nail
Finish	UltraShield™
Head style	High button with Torx T-40 drive

Corrosion - Salt spray results (ASTM B117)

UltraShield - 1,120 hours - 10% or less red rust

Electrical & Mechanical Applications

- Saddles
- Conduit clips
- Back boxes
- P Clips
- Cable cleats
- Ductwork
- Cable trays, channel
- Suspended ceilings
- Cable clips

Steel & Concrete Applications

- Formwork
- Battens
- Base plates
- Plywood backer boards
- Railings, hand rails
- Gates, brackets and signs
- Fire protection & exterior insulation systems to masonry

Product Range - Torx Tapcon

Eurocode	Description	Thread Diameter	Max Fixture Thickness	Anchor Length	Hole Diameter	Min Hole Depth	Min Embed
921415	Torx Tapcon	8mm	25mm	57mm	6.5mm	42mm	32mm
921416	Torx Tapcon	8mm	38mm	70mm	6.5mm	42mm	32mm

Performance Data - Torx Tapcon Recommended* Loads

Edge Distance	Embed Depth	Concrete Tensile	Concrete Shear	Hollow Block Grouted Core Tensile	Hollow Block Grouted Core Shear	Hollow Block No Grouted Core Tensile	Hollow Block No Grouted Core Shear	Wood Tensile
40mm	32mm	1.55kN	1.62kN	-	-	-	-	-
56mm	32mm	1.78kN	2.55kN	-	-	-	-	-
79mm	32mm	1.78kN	3.22kN	-	-	-	-	-
102mm	32mm	-	-	-	-	1.54kN	3.38kN	-
40mm	44mm	2.99kN	2.26kN	-	-	-	-	-
44mm	44mm	-	-	-	-	-	-	2.00kN
185kN								
56mm	44mm	3.34kN	3.71kN	-	-	-	-	-
79mm	44mm	3.45kN	3.72kN	-	-	-	-	-
102mm	44mm	-	-	2.89kN	4.18kN	-	-	-
40mm	57mm	4.23kN	2.9kN	-	-	-	-	-
56mm	57mm	4.62kN	4.81kN	-	-	-	-	-
79mm	57mm	4.67kN	5.05kN	-	-	-	-	-
102mm	57mm	-	-	5.58kN	4.65kN	-	-	-

Note: • Concrete = 20.7N/mm² • Hollow Block 11.03N/mm² with grouted core minimum 13.8N/mm² • Hollow Block 11.03N/mm² • Spruce-Pine-Fir wood substrate (G=0.36)

*A safety factor of 3 has been applied to obtain recommended loads.