

Rod Hanger Tapcon - Vertical for Wood

Overhead threaded rod anchoring system.

Specification

Diameter	6.5mm
Threaded Rod	M10
Thread form	Self Tapping
Point type	Screw
Finish	Carbon Steel
Approvals	UL, FM, NFPA
Head style	Female M10

Substrates

- Wood - joist, flooring, composite joist / truss
- Steel
- Concrete
- Pre-cast concrete beams
- Blockwork
- Brickwork

Applications

- Fire Protection - sprinkler systems
- Plumbing / Mechanical Contractors - air, water, hydraulics
- Electrical Contractors - conduit, cable trays, lighting, low voltage cabling
- HVAC - unit heaters, A/C units, duct work, refrigeration
- Industrial Maintenance - work in the rafters

Installation Equipment

- Rotary Hammer (SP21, 322, 327, 331)
- Correct size drill bit
- Rod Hanger Tapcon Concrete Condrive Kit

Installation

1. Insert horizontal installation socket into 3 jaw chuck of rotary percussion drill
Note: max 1,200rpm drill for installation into wood.
2. Place Rod Hanger Tapcon into socket (drill should be in a vertical position).
3. Ensure the Rod Hanger Tapcon and socket are pressed firmly against the wood.
Ensure drill is not in hammer action mode.
4. Drive Rod Hanger Tapcon until socket spins free.
5. Insert Threaded Rod.

Special Installation System

The installation sockets are designed with a unique automatic release mechanism to prevent over tightening. This provides a fast and safe installation each time. When the face of the driver comes in contact with the material you are installing into, continue drilling until nut driver spins free. Installation is then complete.



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Product Range - Rod Hanger Tapcon Vertical for Wood

Eurocode	Description	Anchor Diameter	Drill Diameter	Anchor Length	Box Qty
921408	M10 Rod Hanger Tapcon for Wood	6.5mm	Self Drill	25mm	25
921409	M10 Rod Hanger Tapcon for Wood	6.5mm	Self Drill	50mm	25

Performance Data - Rod Hanger Tapcon Vertical for Wood

Code	Screw Description	FM Test Load	UL Test Load	UL/FM Pipe Size	Actual Pull-out
921408	6.36 x 25	-	-	-	2.98kN (19mm plywood)
921409	6.36 x 50	4.18kN	3.78kN	19 - 62mm	7.83kN

NB. Pull-out loads are ultimate tensile loads

Above figures are a guide only, due to the varying density of timber, pull-out tests should be made to determine safety factors.