

# Spit Tapcon® Rod Hanger for Concrete

Designed specifically for overhead threaded rod applications, the self tapping Rod Hanger offers a fast alternative to traditional drop-in anchors. Installed in less than half the time, it is ideal for any number of jobs including installing sprinkler systems and cable trays.



Rod Hanger installed

## Technical Specification

<b>Diameter:</b>	7.5mm
<b>Threaded Rod:</b>	M8 and M10
<b>Thread form:</b>	Shark Tooth
<b>Point type:</b>	Chamfered Tip
<b>Finish:</b>	Delta Protokt

## Applications

### Electrical Contractors:

- Basket tray
- Cable tray
- Trapezes
- Pre-assembled systems

### Plumbing / Mechanical Contractors:

- Gas
- Water
- Hydraulics

### HVAC:

- Duct work
- Unit heaters
- A/C units

### Fire Systems:

- Sprinkler systems

## ITW Patented Technology



Shark Tooth thread reduces torque required to set anchor and also provides a more substantial anchorage once set.

The wider thread angle provides more mechanical interlock with the substrate. The low pitch of thread provides better resistance to cyclic loading.

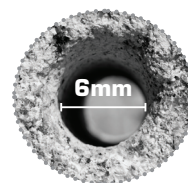
## Features and Advantages

- 6mm drill diameter (screw diameter 7.5mm) - Smaller drill hole than drop-in anchors
- M8 or M10 internal thread
- Shorter 35mm length version - Designed to minimise risk of hitting re-bar. 55mm version also available for higher loads
- Anchor is set as it is inserted - Saves time and reduces risk of incorrect setting

## Substrates

- Concrete
- Pre-cast hollow concrete beams
- Blockwork
- Brickwork

## NEW IMPROVED Tapcon® Rod Hanger



Smaller drill hole than drop-in anchors



Internal thread coupler locked on can not loosen under vibrating load



Maximised collar shape for increased resistance











NEW! 35mm length minimises risk of hitting rebar

## Installation

1. Drill pilot hole 6mm diameter, 10mm deeper than required anchor embedment.
2. Remove debris from the hole. Drilling the extra depth will allow for the mechanics of the anchor, therefore hole cleaning is not as important, but is advised.
3. Insert Tapcon Rod Hanger into 13mm Impact Socket or 13mm Magnetic Nut Setter using correct attachment for IWI 285 or SDS+ Hammer Drill.
4. Seat point of anchor into pre-drilled hole and tighten until anchor is fully seated.

**N.B. Ensure that the drilling tool is not set to hammer action during installation.**

**Tapcon® Rod Hanger Fixing Guide - For suspension of basket trays, cable trays, trapezes and pre-assembled systems.**

Drill		Drive			OR USE		
							
<b>SDS+ Hammer Drill</b>	<b>SDS+ Hex Bit 6x180mm</b> 920940	<b>Spit IWI 285</b> 054276	<b>13mm Impact Socket</b> 016708	<b>Torque Limiter</b> 016704	<b>SDS+ Hammer Drill</b>	<b>Condrive Sleeve</b> 921437	<b>13mm Hex Magnetic Nut Setter</b> 921847

**Tapcon® Rod Hanger**



Eurocode	Description	Anchor Ø	Drill Ø	Min Hole Depth	Length	Max Fixture	Min Embed	Hex Socket Size	Box Qty
O16648	M8 Tapcon Rod 35mm	7.5mm	6mm	43mm	35mm	2mm	33mm	13mm	50
O16649	M10 Tapcon Rod 35mm	7.5mm	6mm	43mm	35mm	2mm	33mm	13mm	50
O16650	M8 Tapcon Rod 55mm	7.5mm	6mm	43mm	55mm	22mm	55mm	13mm	50
O16651	M10 Tapcon Rod 55mm	7.5mm	6mm	43mm	55mm	22mm	55mm	13mm	50

**Accessories:** Refer to pages 186 - 187 for the full range of Tapcon® Accessories

Eurocode	Description	Qty
O16708	Impact Socket Hex 13mm (1/2" square drive)	1
O54237	Impact Wrench 1/4" Adaptor (38mm Long)	1
920940	SDS 6x180 Tapcon Drill Bit with Hex	1
921437	Condrive Sleeve for SDS	1
921847	Magnetic Nut Setter Hex 13mm (1/4" hex drive)	1
O16704	Torque Limiter (for use with Impact Wrench)	1

**ALSO AVAILABLE**

**Spit Original Tapcon® Rod Hanger Vertical for Concrete**



**Overhead threaded rod anchoring system. Installs in less than half the time of drop-in anchors.**

Eurocode	Description	Anchor Ø	Drill Ø	Anchor Length	Drilling Depth	Box Qty
921649	M8 Tapcon Rod Hanger Vertical	8mm	6.5mm	44mm	54mm	25
921413	M10 Tapcon Rod Hanger Vertical	8mm	6.5mm	44mm	54mm	25

**Accessories:** Refer to pages 186 - 187 for the full range of Tapcon® Accessories

Eurocode	Description	Box Qty
921405	Rod Hanger Tapcon Universal Concrete Condrive Kit (Socket included)	1
921406	Rod Hanger Tapcon Vertical Installation Socket	1
921438	6.5 x 130mm SDS+ Drill Bit with Hex Shoulder (For use with Condrive Sleeve)	1
921433	6.5 x 170mm SDS+ Drill Bit with Hex Shoulder (For Use with Condrive Sleeve)	1
O16704	Torque Limiter (for use with Impact Wrench)	1