

Titen HD® Threaded Rod Hanger

The Titen HD threaded rod hanger is a high-strength screw anchor designed to suspend threaded rod from concrete slabs, beams or concrete over metal in order to hang pipes, cable trays and other HVAC equipment. The anchor offers low installation torque with no secondary setting, and has been tested to offer industry-leading performance in cracked and uncracked concrete — even in seismic loading conditions.

Features

- Thread design undercuts to efficiently transfer the load to the base material
- Serrated cutting teeth and patented thread design enable quick and easy installation
- Specialized heat-treating process creates tip hardness to facilitate cutting while the anchor body remains ductile
- No special drill bit required — designed to install using standard-sized ANSI tolerance drill bits
- Installs with standard-sized sockets

Codes: ICC-ES ESR-2713;
City of LA Supplement within ESR-2713;
FL15730;
Factory Mutual 3031136 (THD50234RH)
and 3061897 (THDB37158RH)

Material: Carbon steel

Coating: Zinc plated

Installation



Caution: Oversized holes in the base material will reduce or eliminate the mechanical interlock of the threads with base material and will reduce the anchor's load capacity.



Caution: Use a Titen HD rod hanger one time only. Installing the anchor multiple times may result in excessive thread wear and reduce load capacity.

1. Drill a hole using the specified diameter carbide bit into the base material to the specified embedment depth plus minimum hole depth overdrill (see the product data table on p. 82).
2. Blow the hole clean of dust and debris using compressed air.
3. Install the anchor into the hole.
4. Fully insert threaded rod.



THD50234RH
($\frac{3}{8}$ "-dia. shank)



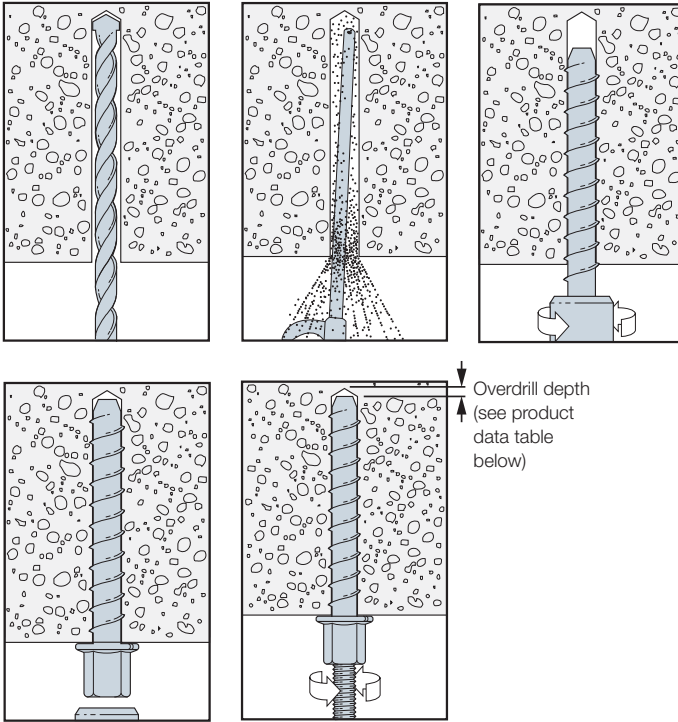
THDB37158RH
($\frac{1}{4}$ "-dia. shank)



THDB25158RH
($\frac{1}{4}$ "-dia. shank)

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Installation Sequence



Titen HD Threaded Rod Hanger Product Data

Size (in.)	Model No.	Accepts Rod Dia. (in.)	Drill Bit Dia. (in.)	Wrench Size (in.)	Min. Embed. (in.)	Hole Depth Overdrill (in.)	Quantity	
							Box	Carton
1/4 x 1 1/8	THDB25158RH	1/4	1/4	3/8	1 5/8	1/8	100	500
3/8 x 1 1/8	THDB37158RH	3/8	1/4	1/2	1 5/8	1/8	50	200
1/2 x 2 3/4	THD50234RH	1/2	3/8	1 1/16	2 1/2	1/4	50	100

