

ROD HANGER ASTER® SCREW for Wood Application

UCAN RHW142B Rod Hanger Aster® Screw is a one piece, carbon steel screw anchor with an over-sized, internally threaded, hex washer head for coupling with 3/8" -16 threaded rod, designed for suspending 3/8" -16 UNC threaded rod vertically in bar joists and beams, wood frame columns and beams.

RHW142B is installed with UCAN's TST setting tool, which prevents over torquing.

FEATURES:

- FM-approved for vertically suspended anchoring applications in wood.
Report FM-approved PR472177
- Patented Aster thread facilitates fast installation resulting in labor and time savings
- The specially designed Type 17 point is ideal for ease and speed of drilling through timber with a drill screw gun. The fluted section captures chips and pulp eliminating timber expansion and minimizing splitting.

TYPICAL APPLICATIONS:

- Fire Sprinkler Pipes
- Ventilation Systems
- Overhead Utilities
- Lighting Systems
- Cable Trays
- Electrical Conduits

MATERIAL SPECIFICATIONS:

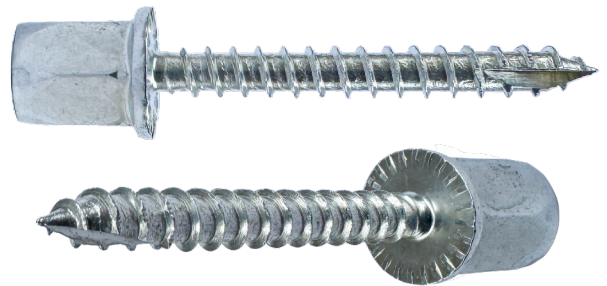
- Anchor Body - Case hardened C10B21 Carbon Steel
- Coupling Nut - Case hardened C10B21 Carbon Steel
- Plating - Zinc plating, ASTM B633, SC1 Type III, $\geq 5 \mu\text{m}$

LIMITATIONS:

- Not recommended for use in highly corrosive environments.

SETTING TOOL:

- TST RH - Rod Hanger Setting Tool w/ 1/4" Hex Shank



**Patented
Aster® Threads**

APPROVALS:



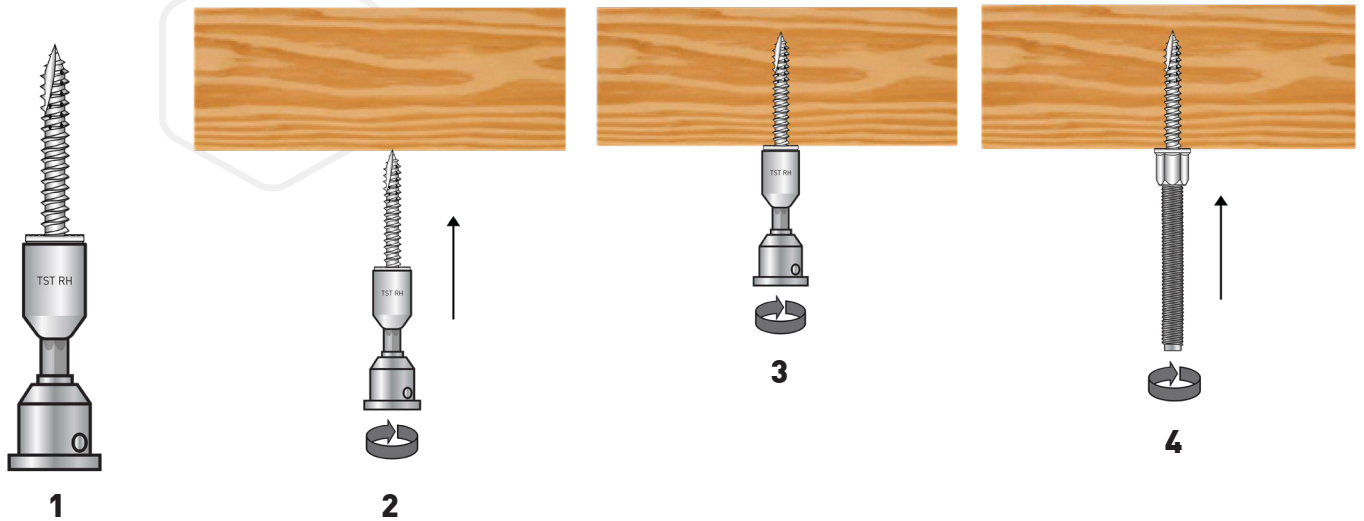
Tension Load Capacity IN Southern Yellow Pine (FM 1951)

Part Number	Effective Embedment		Allowable load	
	inch	mm	lbs.	kN
RHW 142B	2.0	50.8	369	1.69

Allowable Load is based on UCAN's 4:1 Safety Factor

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INSTALLATION INSTRUCTIONS:



1. Attach the specially designed TST RH setting tool to a drillscrew gun, securely mount the aster screw anchor head into the socket.
2. Drive the anchor into the wood beam/bar joist until the base of the TST comes in contact with the wood beam/bar joist. The TST will disengage from the anchor.
3. Immediately stop, pull the tool from the anchor
4. Insert 3/8-16 UNC threaded rods or threaded bolt attachment to the internally threaded head of the anchor.

Caution: STOP when the washer of the anchor is seated against the base material.
DO NOT spin the socket off the anchor.

The use of an impact wrench in this installation is not recommended.