



The first wood-to-concrete screw engineered for easy installation of 2 X wood material to concrete.



Our proprietary “hex-countersunk” head provides the driving stability of a hex drive with the flush mounting feature of a countersunk head wood screw. This combination makes installation fast and easy without cam-out of the driver. The special hex countersunk head allows complete countersinking of the hex drive into the wood for a flush and secure attachment.



- Hex-countersunk head stabilizes the drive for fast and easy installation.
- TRI-SEAL® 1,000 hour salt spray coated for superior corrosion protection...even in treated wood.
- Case hardened dual thread taps concrete and provides superior pullout resistance.
- Nail point guides screw into concrete and assists in removing debris in hole.

Packaging and Part Number



Our WOOD-TO-CONCRETE screws are supplied in 100 piece cartons and includes the appropriate carbide tip concrete drill bit for optimal performance.

P.N.: 014234HCKBLTS

Technical Information

Screw Size: 1/4 x 2-3/4" with Nail Point | 5/16" Hex Countersunk
 Material: C-1022 Carbon Steel | Case Hardened
 Finish: TRI-SEAL® Long-Life Coating. Formulated for use in treated wood.
 Corrosion Resistance: 1,000 hrs. Salt Spray per ASTM B117. No Red Rust
 Drill Bit Size: Use 3/16" x 4-1/2 Carbide Drill Bit
 Installation Tooling: Use hammer-drill to drill hole and install the screw.

Pullout Strength | Ultimate Average In Concrete and Hollow Block

Min. Depth of Embedment	2,000 PSI		3,000 PSI		4,000 PSI		5,000 PSI	
	Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear
1-1/4"	1,050	900	1,160	900	1,270	1,360	1,515	1,440
1-1/2"	1,380	1,200	1,600	1,200	1,820	1,380	2,170	1,440

Depth of Embedment	Lightweight Block		Medium Weight	
	Tension	Shear	Tension	Shear
1"	250	620	500	1,000

Ultimate load should not exceed 25% of the test results

Installation

Easy as 1-2-3!



Step 1
 Holding the wood securely against the concrete, use a 3/16" x 4-1/2 carbide drill bit and a hammer-drill, drill through the 2x wood and allow at least 1-3/4" penetration into the concrete.



Step 2
 Using a 5/16" hex nut-setter, install the screw keeping it perpendicular to the wood.



Step 3
 Install the screw until the top of the head is flush with the wood.
 (Nut-setter will countersink into the wood)

DISCLAIMER: ALL TEST RESULTS AND SPECIFICATIONS ARE A RESULT OF LABORATORY TESTS. APPROPRIATE SAFETY FACTORS SHOULD BE USED BY THE USER OR SPECIFIER. DETERMINING THE PROPER FASTENER IS THE RESPONSIBILITY OF THE USER OR SPECIFIER. SINCE APPLICATION CONDITIONS VARY AND ARE UNCONTROLLABLE BY TFC, WE ASSUME NO LIABILITY FOR THE USE OF THIS INFORMATION.