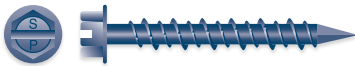


Submittal: CSHWH452BC



STRONGCON® SLOTTED INDENTED HEX WASHER HEAD, HI-LOW, NOTCHED THREADS, DIAMOND POINT, CERAMIC COATING

Size	Part#	Case Qty.	Description
1/4 x 3-1/4	CH452	1M	Slotted Indented Hex Washer Head, Hi-Low, Notched Threads, Diamond Point, Ceramic Coating
1/4 x 3-3/4	CH460	.5M	Slotted Indented Hex Washer Head, Hi-Low, Notched Threads, Diamond Point, Ceramic Coating
1/4 x 4	CH464	.5M	Slotted Indented Hex Washer Head, Hi-Low, Notched Threads, Diamond Point, Ceramic Coating
1/4 x 5	CH480	.5M	Slotted Indented Hex Washer Head, Hi-Low, Notched Threads, Diamond Point, Ceramic Coating
1/4 x 6	CH496	.5M	Slotted Indented Hex Washer Head, Hi-Low, Notched Threads, Diamond Point, Ceramic Coating

Application: Attaches wood or metal to concrete, brick, cement block or masonry.

- Specifications:
- Meets ASTM¹ A 510 for carbon steel manufacturing
 - Product meets ASTM B-117 for salt spray corrosion testing
 - Miami-Dade County product control approved. NOA-15-0930.14



- Features:
- Ceramic coating exceeds 500/hr. salt spray resistance
 - Designed to work with ACQ treated lumber
 - Notched threads for cutting into concrete, brick and cement block
 - Diamond Point design for cutting and clearing debris during installation

Installation: Using a 3/16 carbide masonry drill bit and hammer drill (in hammer mode), drill a hole 1/4" deeper than the minimum embedment requirements of the concrete screw to be installed*. Clean the dust from the hole using compressed air or hand pump. Use a 5/16" nut setter with hammer mode turned OFF or a standard rotary drill to install fastener until seated. Do not over torque as it can cause the head to snap or stripping of the recess.

*When installing into Hollow Block CMU drill through the full thickness of face wall.

Allowable Load Capacities (Avg. Lbs.)					Structural Properties (ksi)		Spacing
Substrate: Concrete			2,900 PSI				
Size	Min. Embed	Min. Edge Dist.	Tension	Shear	Fu	Fy	Spacing
1/4	1-3/4"	3-1/2"	407	556	70	52	4"
Substrate: Hollow Masonry Block			2,300 PSI				
Size	Min. Embed	Min. Edge Dist.	Tension	Shear	Fu	Fy	Spacing
1/4	1-3/4"	3-1/2"	160	335	70	52	4"
Substrate: Grout Filled Masonry Block			4,900 PSI				
Size	Min. Embed	Min. Edge Dist.	Tension	Shear	Fu	Fy	Spacing
1/4	1-3/4"	3-1/2"	290	390	70	52	4"

The values listed are averages achieved under laboratory conditions and imply no warranty. Appropriate safety factors should be applied to these values for design purposes.

¹(American Society of Testing Materials)