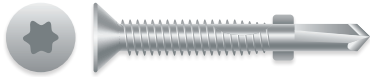


Submittal: SD410RF1444C



STRONG-POINT® 410 STAINLESS STEEL STAR DRIVE FLAT HEAD REAMER w/WINGS, STRONG-SHIELD COATED

Size	Part#	Pt.	Case Qty.	Wood Attach. Range	Description
1/4-20 x 2-3/4	4RT234	4	.8M	1/2" - 1-3/4"	410 Stainless Star Drive Flat Head Reamer w/Wings, Strong-Shield Coated
1/4-20 x 3-1/4	4RT314	4	.5M	3/4" - 2-1/4"	410 Stainless Star Drive Flat Head Reamer w/Wings, Strong-Shield Coated

Application: Attaches wood to metal.
Drill Capacity (in.): .110 - .375

Specifications:

- Meets ASTM¹ C 1513 for cold-formed steel framing connections
- Manufactured to SAE² J78 for dimensional specifications
- Meets F.I.P.³-1000.7 for torsional strength and drill speed

Features:

- Used for attaching lumber, composites, floor board, deck board, and more to steel
- Wings ream hole in wood preventing "jacking action"
- Strong-Shield coating exceeds 1,000/hr. salt spray resistance
- Designed to work with ACQ, pressure, and fire treated lumber
- Rust/Acid Rain Protection



Installation: A standard screw gun with torque limiting nose piece set at a maximum of 2000 RPM drive speed recommended. Use a T-30 Star drive bit. Do not over torque as it can cause the head to snap or stripping of the recess. Installed fasteners must penetrate a minimum of three full threads beyond the metal structure.

Pullout Values (Avg. Lbs.)								
Fastener								
Size	Pt.	18	16	14	12	1/8	3/16	1/4
1/4-20	4			1114	1805	2337	4416	4885

Shear Values (Avg. Lbs.)								
Fastener								
Size	Pt.	18	16	14	12	1/8	3/16	1/4
1/4-20	4			2509	2573	2738		

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)

²(Society of Automotive Engineers)

³(Fastener Inspection Products)

4RT234_4RT314_Rev. A (4/4/25)