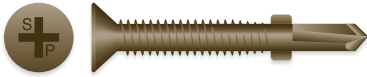


**Submittal:** SDPRF1240W



**STRONG-POINT<sup>®</sup> PHILLIPS FLAT HEAD REAMER w/WINGS, WAR COATED**

Size	Part#	Pt.	Case Qty.	Wood Attach. Range	Description
12-24 x 2-1/2	R212W	4	1.5M	1/2" - 1-1/2"	Phillips Flat Head Reamer w/Wings, WAR Coated

Application: Attaches wood to metal.  
Drill Capacity (in.): .110 - .250

- Specifications:
- Meets ASTM<sup>1</sup> C 1513 for cold-formed steel framing connections
  - Meets ASTM A 510 for carbon steel manufacturing
  - Manufactured to SAE<sup>2</sup> J78 for dimensional specifications
  - Meets F.I.P.<sup>3</sup>-1000.7 for torsional strength and drill speed
  - WAR coating exceeds 1,000/hr. salt spray resistance



- Features:
- Designed to work with ACQ treated lumber
  - Wings ream hole in wood preventing "jacking action"

Installation: A standard screw gun with torque limiting nose piece set at a maximum of 2000 RPM drive speed recommended. Use a #3 Phillips 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
12-24	4	484	679	959	1489	2371	3384	3732

Shear Values (Avg. Lbs.)								
Fastener								
Size	Pt.	18	16	14	12	1/8	3/16	1/4
12-24	4				1989	1972		

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.

<sup>1</sup>(American Society of Testing Materials)

<sup>2</sup>(Society of Automotive Engineers)

<sup>3</sup>(Fastener Inspection Products)