

Submittal: SDPRF1240Z



STRONG-POINT[®] PHILLIPS FLAT HEAD REAMER w/WINGS, ZINC PLATED

Size	Part#	Pt.	Case Qty.	Wood Attach. Range	Description
12-24 x 2-1/2	R212	4	1.5M	1/2" - 1-1/2"	Phillips Flat Head Reamer w/Wings, Zinc Plated

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

- Specifications:
- Meets ASTM¹ C 1513 for cold-formed steel framing connections
 - Meets ASTM A 510 for carbon steel manufacturing
 - Manufactured to SAE² J78 for dimensional specifications
 - Meets F.I.P.³-1000.7 for torsional strength and drill speed
 - Meets ASTM F1941 for corrosion resistance

- Features:
- Used for attaching lumber headers to steel
 - 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.

¹(American Society of Testing Materials)

²(Society of Automotive Engineers)

³(Fastener Inspection Products)