



Submittal: SDPRF1026Z



## $\textbf{STRONG-POINT}^{@} \textbf{ PHILLIPS FLAT HEAD REAMER w/WINGS, ZINC PLATED}$

Part#	Pt.	Case Qty.	Wood Attach. Range	Description				
R158	3	4M	1/4" - 7/8"	Phillips Flat Head Reamer w/Wings, Zinc Plated				
Attaches wood to metal.								
Drill Capacity (in.): .035176								
Meets ASTM¹ C 1513 for cold-formed steel framing connections								
Meets ASTM A 510 for carbon steel manufacturing								
<ul> <li>Manufactured to SAE<sup>2</sup> J78 for dimensional specifications</li> </ul>								
<ul> <li>Meets F.I.P.<sup>3</sup>-1000.7 for torsional strength and drill speed</li> </ul>								
Meets ASTM F1941 for corrosion resistance								
Used for attaching lumber headers to steel								
Wings ream hole in wood preventing "jacking action"								
	Attaches wood     Drill Capacit	Attaches wood to meta Drill Capacity (in.): .03  • Meets ASTM 1 C 15  • Meets ASTM A 510  • Manufactured to SA  • Meets F.I.P.3-1000.7  • Meets ASTM F1941  • Used for attaching I	Attaches wood to metal.  Drill Capacity (in.): .035176  • Meets ASTM¹ C 1513 for cold-form • Meets ASTM A 510 for carbon stee • Manufactured to SAE² J78 for dime • Meets F.I.P.³-1000.7 for torsional st • Meets ASTM F1941 for corrosion re • Used for attaching lumber headers	Attaches wood to metal.  Drill Capacity (in.): .035176  • 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  • Used for attaching lumber headers to steel				

Installation:

A standard screw gun with torque limiting nose piece set at a maximum of 2500 RPM drive speed recommended. Use a #2 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.)										
Fast	ener	Steel Gauge								
Size	Pt.	22	20	18	16	14	12	1/8	3/16	
10-16	3	261	293	487	690	941	1432	2017		

Shear Values (Avg. Lbs.)										
Fast	ener	Steel Gauge (Lapped)								
Size	Pt.	22	20	18	16	14	12	1/8	3/16	
10-16	3		709	1231	1497	1508				

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) R158\_Rev. A (5/27/15)

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