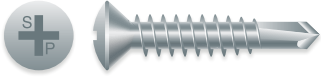


**Submittal:** SDPOH0812Z



**STRONG-POINT<sup>®</sup> PHILLIPS OVAL HEAD, ZINC PLATED**

Size	Part#	Pt.	Case Qty.	Description
8-18 x 3/4	086	2	10M	Phillips Oval Head, Zinc Plated
8-18 x 1	088	2	7.5M	Phillips Oval Head, Zinc Plated
8-18 x 1-1/4	089	2	6M	Phillips Oval Head, Zinc Plated
8-18 x 1-1/2	090	2	5M	Phillips Oval Head, Zinc Plated

Application: Attaches metal to metal.  
Drill Capacity (in.): .035 - .100

- 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
  - Meets ASTM F1941 for corrosion resistance

Installation: A standard screw gun with torque limiting nose piece set at a maximum of 2500 RPM drive speed recommended. Use a #2 reduced 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		Steel Gauge							
Size	Pt.	22	20	18	16	14	12	1/8	3/16
8-18	2	260	292	479	685	933	1533		

Shear Values (Avg. Lbs.)									
Fastener		Steel Gauge (Lapped)							
Size	Pt.	22	20	18	16	14	12	1/8	3/16
8-18	2	546	721	1031	1049				

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)