

Submittal: SDDPF0707B



**STRONG-POINT<sup>®</sup> PHILLIPS PAN HEAD FRAMING SCREWS, PHOSPHATE COATING**

Size	Part#	Pt.	Case Qty.	Description
7-20 x 7/16	F7	2	10M	Phillips Pan Head Framing Screws, Phosphate Coating

Application: Attaches metal track to metal studs.  
Drill Capacity (in.): .035 - .090

- Specifications:
- Meets ASTM<sup>1</sup> A 510 for carbon steel manufacturing
  - Meets ASTM C 954 for attaching track to steel studs
  - 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

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
7-20	2	126	218	366	496	825	1004		

  

Shear Values (Avg. Lbs.)									
Fastener		Steel Gauge (Lapped)							
Size	Pt.	22	20	18	16	14	12	1/8	3/16
7-20	2	444	721	875	912				

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)