

Submittal: SDDQT0848B



STRONG-POINT[®] SQUARE DRIVE TRIM HEAD, PHOSPHATE COATING

Size	Part#	Pt.	Case Qty.	Description
8-18 x 3	T3Q	2	2M	Square Drive Trim Head, Phosphate Coating

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

- Specifications:
- Meets ASTM¹ 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

Installation: A standard screw gun with torque limiting nose piece set at a maximum of 2500 RPM drive speed recommended. Use a #1 reduced Square drive bit. Do not over torque as it can cause the head to snap or stripping of the threads. 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.

¹(American Society of Testing Materials)

²(Society of Automotive Engineers)

³(Fastener Inspection Products)