INTERCORP

STRONG-POINT®
Get the Point. Strong-Point.

Submittal: SDDQT0626B

STRONG-POINT® SQUARE DRIVE TRIM HEAD, PHOSPHATE COATING

Size	Part#	Pt.	Case Qty.	Description
6-20 x 1-5/8	T1Q	2	5M	Square Drive Trim Head, Phosphate Coating
6-20 x 2-1/4	T2Q	2	3M	Square Drive Trim Head, Phosphate Coating

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

Specifications:
- Meets ASTM[1] A 510 for carbon steel manufacturing
- Manufactured to SAE[2] 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
6-20	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
6-20	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.

[1](American Society of Testing Materials)

[2](Society of Automotive Engineers)

[3](Fastener Inspection Products)

T1Q_T2Q_Rev. A (5/1/23)