



**Phillips Modified Truss Head
Self Drill Point
Phosphate Coated**



Size	TPI	Part #	QTY / Carton	Drive	Drill Point	Max Drill
8 x 1/2"	18	MTSDB08012	10,000	#2 Phillips	#2	0.112"
8 x 3/4"	18	MTSDB08034	8,000	#2 Phillips	#2	0.112"
8 x 1"	18	MTSDB08100	5,000	#2 Phillips	#2	0.112"
8 x 1-1/4"	18	MTSDB081104	5,000	#2 Phillips	#2	0.112"
8 x 1-5/8"	18	MTSDB08158	4,000	#2 Phillips	#2	0.112"

material: C1022 Low Carbon Steel, Core Hardness: HRC 32-40

finish: Phosphate finish provides 24 hour minimum salt spray corrosion resistance

application: Metal to metal applications

installation: Screw gun with depth sensitive nosepiece with installation speed not to exceed 2500 RPM. Overdriving may result in fastener failure or strikeout of the work surface. The fastener is fully seated when the head's bearing surface is flush with the material being attached. The use of impact drivers is not recommended, as they can strip or break the screw.

Meet or exceeds the following specifications:

ICC ESR-4229 | ESL-1128



AC118	ICC-ES Acceptance Criteria for tapping screw fasteners used in steel-to-steel connections					
ASTM A510	Specification for general requirements for carbon steel wire rods (Minimum grade 1018)					
ASTM B117	Standard practice for operating salt spray (fog) apparatus					
ASTM C1513	Specification for steel tapping screws for cold-formed steel framing connections					
ASTM C954	Specification for steel drill screws for the application of gypsum panel products or metal plaster bases to steel studs from 0.033" to 0.112" thickness					
SAE J78	Standard for dimensional, mechanical, and performance requirements					

Ultimate Values

	Diameter	20 Gauge	18 Gauge	16 Gauge	14 Gauge	12 Gauge	Minimum Torsional Strength (lb)
Tension (lb) Pullout	#8	247	358	473	616	824	42
Shear (lb) Bearing	#8	604	935	1049	1089	944	42

MTSDB | Revision 1.0 | 09.18.25