



08M050CTRFDP

## SCREW SPECIFICATIONS

Screw Gauge	#8
Length	1/2"
Recess	#2 Phillips
Head	Modified Truss
Point	Drill
Thread Type	Fine
Finish	Clear Zinc



#2 Phillips



Modified Truss



Drill

## Modified Truss Head Drill Point Metal to metal framing fastener

### APPLICATIONS

- Light gage steel framing (35 – 100 Mil)



### FEATURES AND BENEFITS

- Phillips recess provides smooth engagement capabilities with moderate torque transmission.
- Low profile head
- Fine threads provide improved holding power and thread-forming capability when driving into heavy steel
- Forged and hardened drill point
- Clear zinc finish
- ICC approval information available in ESR-3558

### INSTALLATION GUIDELINES

- Use a screwdriver with a torque controlled or precise depth-sensitive clutch and speeds of up to 2500 RPM
- Overdriving may cause a weak connection or thread strip-out of the steel
- Three full threads must extend past the base metal for an acceptable connection



# 08M050CTRFDP

## Modified Truss Head Drill Point

Metal to metal framing fastener



### ORDERING INFORMATION

Item Code	Gauge	Length	Thread	Finish	Quantity	Drive Type	Point	Head
08M050CTRFDP	#8	1/2"	Fine	Clear Zinc	1000 Tub	#2 Philips	Drill	Modified Truss

### TECHNICAL INFORMATION

Ultimate Shear (lbs)*	Ultimate Tensile (lbs)*	Torsional Strength (lbs-in)*
1351	2280	38.5

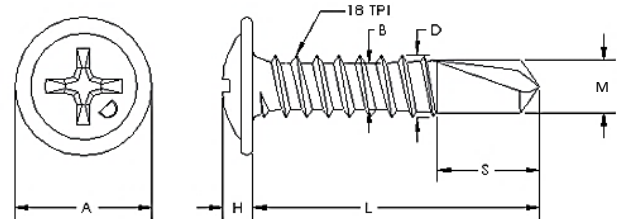
Base Metal Thickness (in)	Lap Joint Shear (lbs)*	Pull Out (lbs)*	Pull Over (lbs)*
0.04	670	255	1144
0.05	803	300	1155
0.06	1235	-	1161
0.07	1283	-	1161

\*Figures represent ultimate average test results. An appropriate safety factor must be applied for design purposes

Finish	Testing Standard	Corrosion Resistance
Clear Zinc	ASTM B117 Salt Spray Test	Over 24 Hours without red rust

#### Reference Dimensions

Length (L):	0.50 in
Head Diameter (A):	0.35 in
Head Height (H):	0.07 in
Major Diameter (D):	0.16 in
Minor Diameter (B):	0.12 in
Length of Drill (S):	0.19 in
Diameter of Drill (M):	0.13 in
Threads Per Inch (TPI):	18 threads/in



Fasteners comply with ASTM C1513, as referenced in ICC report ESR-3558. They are in compliance with the 2012 and 2015 International Building code and 2012 and 2015 International Residential code.

