



12M100YKFF3X

## SCREW SPECIFICATIONS

Screw Gauge	#12
Length	1"
Recess	Rex Drive
Head	Pan Framing
Point	T3 Drill
Thread Type	Fine
Finish	Yellow Zinc



Rex Drive



Pan Framing



T3 Drill Point

## Pan Framing Head T3 Drill Point Screw Metal to metal fastener

### APPLICATIONS

- Heavy steel framing (110 – 210 Mil)
- Steel sheathing
- Structural steel decking
- Steel trusses



### FEATURES AND BENEFITS

- Rex drive recess provides smooth engagement with high torque transmitting capability reducing operator fatigue, and extending bit life
- Pan Framing head with serrations is ideal for steel construction and ensures a tight connection over time
- Fine threads provide improved holding power and thread-forming capability when driving into heavy steel
- T3 drill point can drive through up to 210 mil steel
- Yellow 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 fastener failure
- Three full threads must extend past the base metal for an acceptable connection



# 12M100YKFF3X



## Pan Framing Head T3 Drill Point Screw

Metal to metal fastener

### ORDERING INFORMATION

Item Code	Gauge	Length	Thread	Finish	Quantity	Drive Type	Point	Head
12M100YKFF3X	#12	1"	Fine	Yellow Zinc	1000 Box	Rex	T3 Drill	Pan Framing

### TECHNICAL INFORMATION

Ultimate Shear (lbs)*	Ultimate Tensile (lbs)*	Torsional Strength (lbs-in)*
2076	2826	103

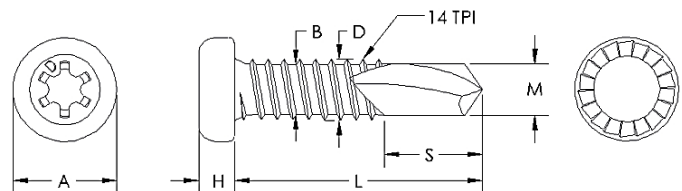
Base Metal Thickness (in)	Lap Joint Shear (lbs)*	Pull Out (lbs)*	Pull Over (lbs)*
0.04	783	261	1485
0.05	928	355	1518
0.06	1633	528	2299
0.07	1731	692	2505
0.10	1818	1170	3090

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

Finish	Testing Standard	Corrosion Resistance
Yellow Zinc	ASTM B117 Salt Spray Test	Over 48 Hours without red rust

#### Reference Dimensions

Length (L):	1.00 in
Head Diameter (A):	0.35 in
Head Height (H):	0.13 in
Major Diameter (D):	0.21 in
Minor Diameter (B):	0.16 in
Length of Drill (S):	0.27 in
Diameter of Drill (M):	0.18 in
Threads Per Inch (TPI):	14 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.

