



# PRODUCT DATA



## Type 17 Flanged Hex Zinc Yellow Passivate Screw

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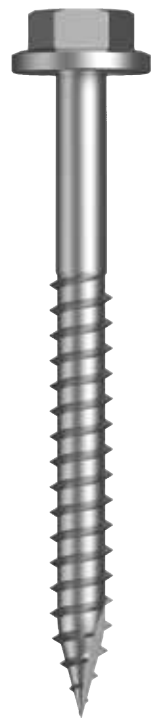
For fixing timber or thin metal to timber- **Self Drilling 14G**

Applications	
<ul style="list-style-type: none"> <li>• Cladding</li> <li>• Concrete Formwork</li> <li>• Gates &amp; Fences</li> <li>• Signage</li> </ul>	

# DRILLX®

<b>Material</b>	 1022 SAE1022
<b>Finish</b>	 ZYP Zinc Yellow Passivate 

## 14 Gauge Flanged Hex Head



### Pullout Values

Plate Material	Timber Embedment Thickness	<sup>1</sup> Mean Load	<sup>2</sup> Characteristic Load	<sup>3</sup> Working Load
	(mm)	(N)	(N)	(N)
F7 Pine	35	3550	2850	1150
Hardwood	35	8250	6350	2550

Designed for self drilling into metal sheets up to 0.55mm thick.

Part	Mechanical Properties				
	Torsional Strength	<sup>1</sup> Mean Tensile Strength	<sup>1</sup> Mean Shear Strength	<sup>2</sup> Characteristic Tensile Strength	<sup>2</sup> Characteristic Shear Strength
	(Nm)	(N)	(N)	(N)	(N)
T9PWYFH1410050	14.1	21950	13150	19650	11800
T9PWYFH1410065					
T9PWYFH1410075					
T9PWYFH1410090					
T9PWYFH1410100					
T9PWYFH1410115					
T9PWYFH1410125					
T9PWYFH1410150					

Note: 1000N = 1kN

<sup>1</sup> Mean Load/Strength is the average ultimate strength of samples tested.

<sup>2</sup> Characteristic Load/Strength: 95% of these screws are expected to have a strength greater than the loads shown.

<sup>3</sup> Working Load is the governing minimum allowable load obtained by comparing relevant concrete and steel working loads. Factor of Safety (FOS=2.5 for steel, FOS=2.5 for timber, and FOS=3.0 for concrete) are already included.

All values are obtained under laboratory conditions using DRILLX® product. Safety factors should be considered for design purposes. Actual pull out loads may differ depending on certain properties of the base material.

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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

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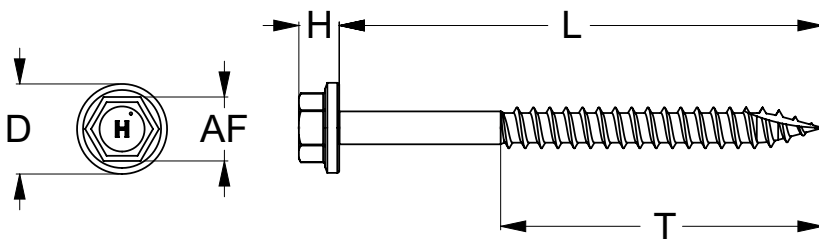


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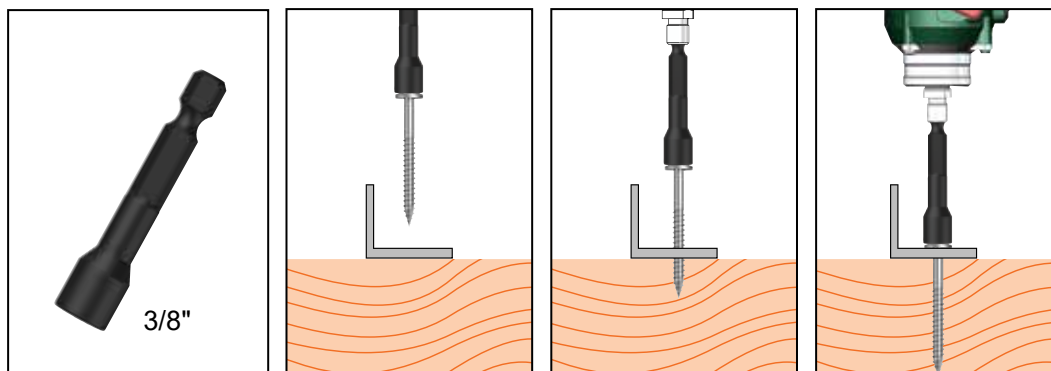
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Part	QFind	Gauge	TPI	Length	Thread Length	Head Height	Head ø	Drive Size	Pack Qty
				L (mm)	T (mm)	H (mm)	D (mm)	AF (inch)	
T9PWYFH1410050	Q761	14	10	50	35	6.2	14.7	HEX 3/8"	500
T9PWYFH1410065	Q764			65	45				
T9PWYFH1410075	Q766			75	50				
T9PWYFH1410090	Q769			90	60				250
T9PWYFH1410100	Q771			100	60				
T9PWYFH1410115	Q774			115	60				
T9PWYFH1410125	Q776			125	60				
T9PWYFH1410150	Q781			150	100				



### Installation



Recommended  
HEX 3/8 inch Drive Bit:

TXDIPNSS37045 - 45mm  
TXDIPNSS37065 - 65mm  
TXDIPNSS37150 - 150mm

### Installation Guide

1. Use a cordless screw driver set between 2,200-3,000 RPM. Fit the HEX Drive Bit over the screw and place at the fastening position.
2. Apply consistently firm pressure to the screw driver while the screw is drilling.
3. Care should be taken not to overtighten the screw.

\*Installation with impact drivers not recommended.

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