




# PRODUCT DATA

## Timber Type 17 Flanged Hex Head

### Self Drilling Timber Screw (SDS) #14-10

Applications	
<ul style="list-style-type: none"> <li>For fixing timber or thin metal to timber</li> <li>Timber brackets</li> <li>Cladding/panels to timber battens</li> </ul>	

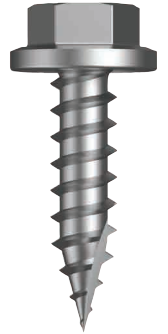
<b>Material</b>	 C1022 Hardened
-----------------	--

<b>Finish</b>	 Class 4
---------------	--

Pullout Values				
Plate Material	Timber Embedment	<sup>1</sup> Mean Load	<sup>2</sup> Characteristic Load	<sup>3</sup> Working Load
	(mm)	(N)	(N)	(N)
F7 Pine	35	6450	4350	1750
F27 Hardwood	35	8150	7350	2950

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)
14.1	21950	13150	19650	11800

# 14 Gauge Flanged Hex Head



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 pullout loads may differ slightly depending on certain properties of the base material.

Disclaimer: While every reasonable effort has been made to ensure that this document is correct at the time of printing, Hobson Engineering®, its agencies and employees, disclaim any and all liability to any person in respect of anything or the consequences of anything done or omitted to be done in reliance upon the whole or any part of this document.



Bolt Tension | Anti-Vibration | Product Reliability | Traceability

[hobson.com.au](http://hobson.com.au) **QUALITY FASTENERS SINCE 1935**

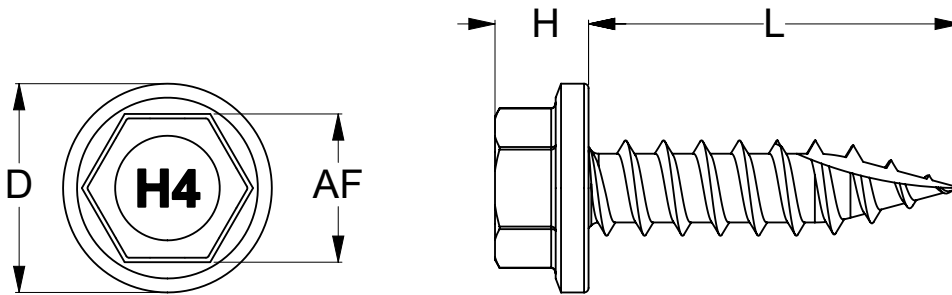




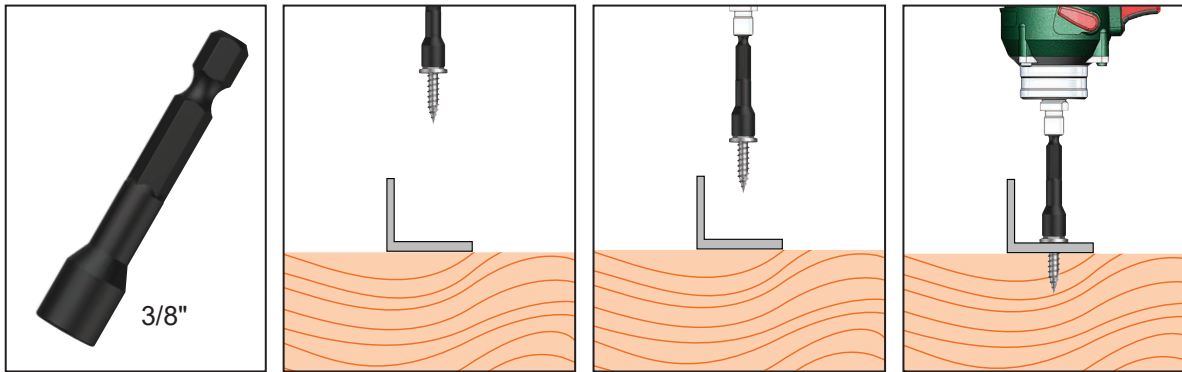
# PRODUCT DATA

## Timber Type 17 Flanged Hex Head

Part	QFind	Gauge	TPI	Length/Thread Length	Head Height	Head ø	Drive Size
				L (mm)	H (mm)	D (mm)	PH
T9PW4FH1410025	<b>Q545</b>	14	10	25	6	14.5	HEX 3/8"
T9PW4FH1410030	<b>Q546</b>			30			
T9PW4FH1410040	<b>Q550</b>			40			



### Installation



#### Recommended Hex 3/8" Drive Bits:

Part	QFind	Length (mm)
TXDIPNSS37045	BA22	45
TXDIPNSS37065	B095	65
TXDIPNSS37150	BA23	150

#### Installation Guide

1. Use a cordless screw driver set at max 1,500 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 over-tighten the screw.

\*Installation with impact drivers not recommended.

Disclaimer: While every reasonable effort has been made to ensure that this document is correct at the time of printing, Hobson Engineering®, its agencies and employees, disclaim any and all liability to any person in respect of anything or the consequences of anything done or omitted to be done in reliance upon the whole or any part of this document.

Bolt Tension | Anti-Vibration | Product Reliability | Traceability

[hobson.com.au](http://hobson.com.au) **QUALITY FASTENERS SINCE 1935**

