





PRODUCT DATA

Timber Type 17 Flanged Hex Head and Scratchguard®

Self Drilling Timber Screw (SDS) #14-10

Applications	
<ul style="list-style-type: none"> For fixing thin metal or steel cladding to timber 	

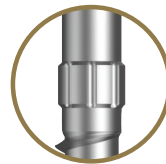
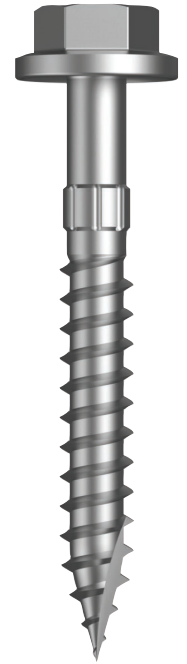
Material	 C1022 Hardened
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Finish	 Class 4
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Pullout Values				
Plate Material	Timber Embedment	¹ Mean Load	² Characteristic Load	³ Working Load
	(mm)	(N)	(N)	(N)
F7 Pine	35	6450	4350	1750
F27 Hardwood	35	9800	7850	3150

Mechanical Properties				
Torsional Strength	¹ Mean Tensile Strength	¹ Mean Shear Strength	² Characteristic Tensile Strength	² Characteristic Shear Strength
(Nm)	(N)	(N)	(N)	(N)
14.1	20100	12050	17100	10250

14 Gauge Flanged Hex Head



Note: 1000N = 1kN

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

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

³ 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.

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Bolt Tension | Anti-Vibration | Product Reliability | Traceability

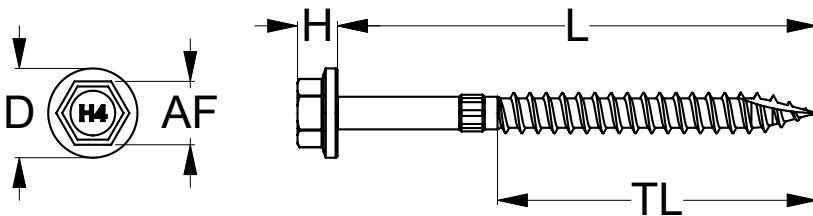




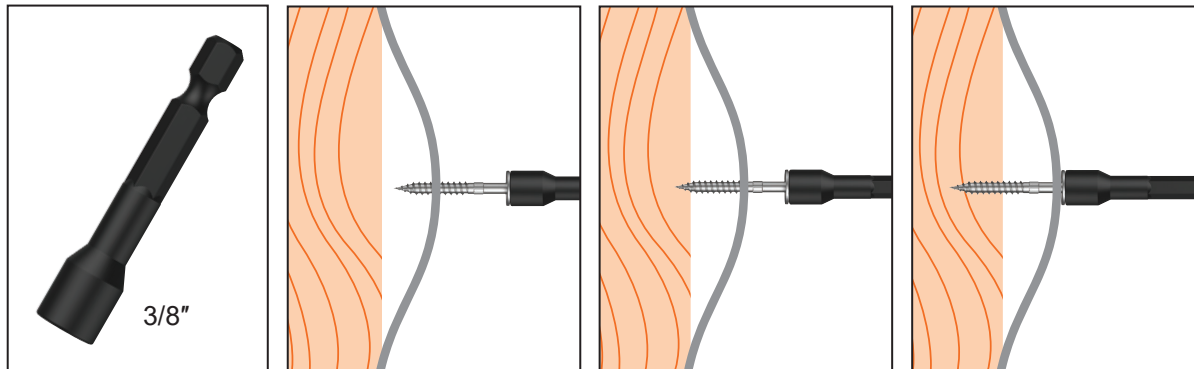
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Part	QFind	Gauge	TPI	Length		Head Height	Head ø	Drive Size
				L (mm)	T (mm)			
T9PW4FS1410050	Q555	14	10	50	35	6.2	14.7	HEX 3/8"
T9PW4FS1410065	Q560			65	45			
T9PW4FS1410075	Q565			75	50			
T9PW4FS1410090	Q570			90	60			
T9PW4FS1410100	Q575			100	60			
T9PW4FS1410115	Q580			115	60			
T9PW4FS1410125	Q585			125	60			
T9PW4FS1410150	Q590			150	100			



Installation



Recommended
HEX 3/8 inch Drive Bit:

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.

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