



PRODUCT DATA

Timber Type 17 Wafer Head

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Self Drilling Timber Screw (SDS) #10-12

Applications

- For general fixing of timber and thin steel
- Side cladding
- Examples: pergolas, fences, gates and light fittings
- Low profile

Material



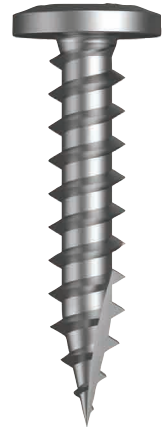
C1022 Hardened

Finish



Class 3

10 Gauge Wafer Head



Pullout Values

Plate Material	Timber Embedment	¹ Mean Load	² Characteristic Load	³ Working Load
	(mm)	(N)	(N)	(N)
F7 Pine	35	5400	3750	1500
F27 Hardwood	35	7850	6900	2750

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)
5.4	10750	6450	9350	5600

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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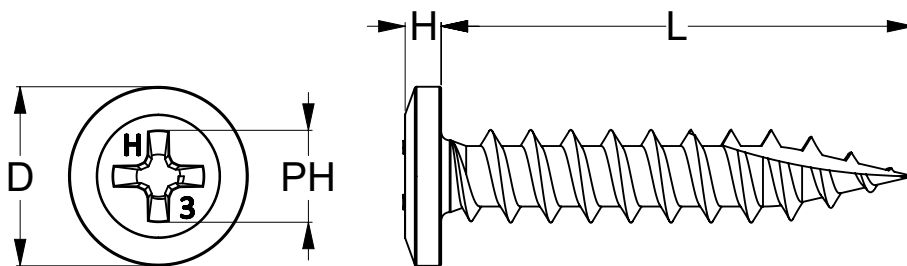


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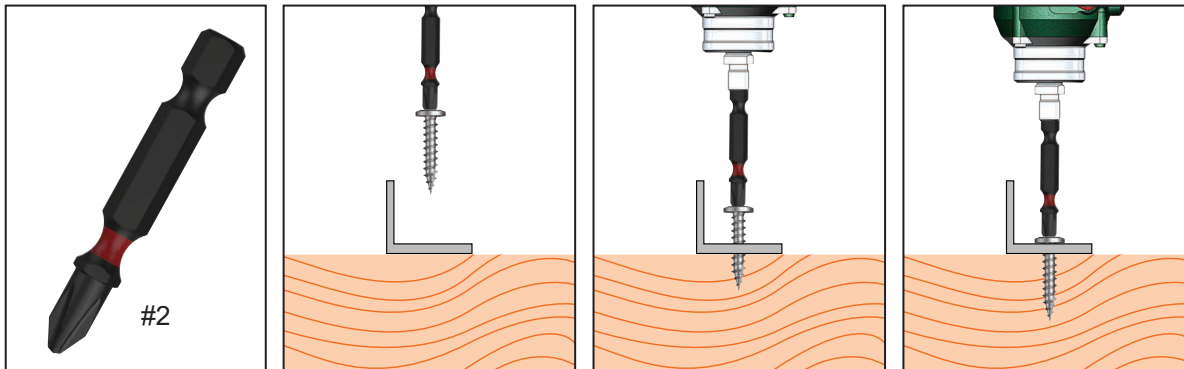
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Part	QFind	Gauge	TPI	Length	Head Height	Head ø	Drive Size	Pack Qty
				L (mm)	H (mm)	D (mm)	PH	
T9PW3WP1012025	Q680	10	12	25	1.8	9.0	Phillips #2	1000
T9PW3WP1012035	Q682			35				
T9PW3WP1012045	Q684			45				



Installation



Recommended Phillips #2 Drive Bits:

Part	QFind	Length (mm)
TXDIPPHS20050	B316	50
TXDIPPHS20075	BA27	75
TXDIPPHS20100	B326	100
TXDIPPHS20150	B331	150

Installation Guide

1. Use a cordless screw driver set at max 1,500 RPM. Fit the Phillips 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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