



PRODUCT DATA

Timber Type 17 Pan Head

Self Drilling Timber Screw (SDS) #10-12

Applications	
<ul style="list-style-type: none"> • General purpose fixing into timber/hardwood in external areas • Ideal for high pollution areas and corrosive conditions 	

Material	 304 Stainless
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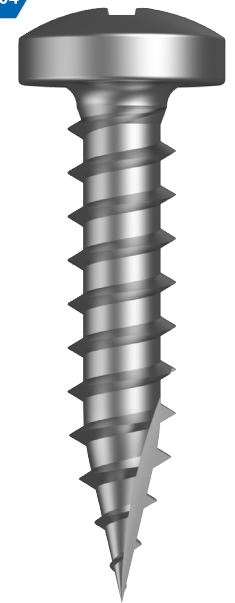
Finish	 304 Stainless
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Pullout Values				
Plate Material	Timber Plate Thickness	¹ Mean Load	² Characteristic Load	³ Working Load
	(mm)	(N)	(N)	(N)
F7 Pine	20	2550	2000	800
F27 Hardwood	20	2700	2200	850

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	7600	4550	6900	4150

10 Gauge Pan Head

304



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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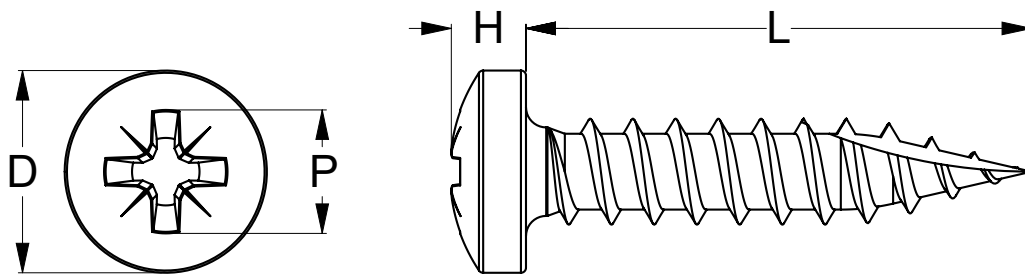
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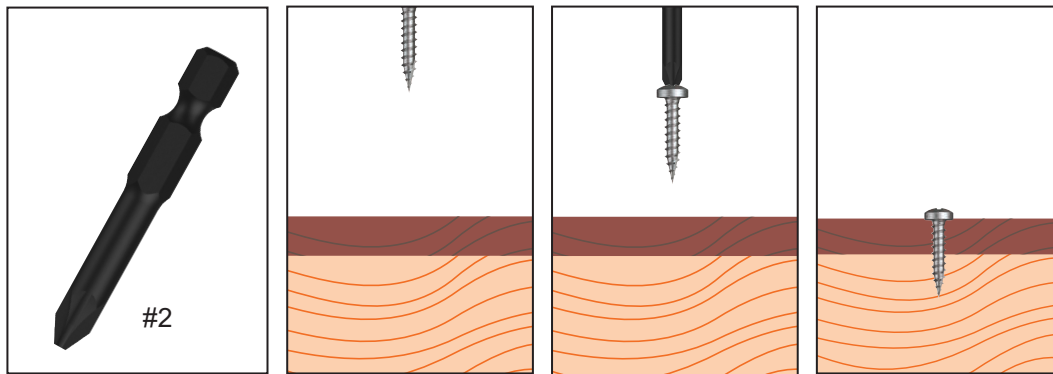
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Part	QFind	Gauge	TPI	Length	Head ø	Head Height	Drive Size	Pack Qty
				L (mm)	D (mm)	H (mm)	P	
T04WSPZ1012019	QT108	10	12	19	9.5	2.5	POZI #2	1000
T04WSPZ1012025	QT109			25				



Installation



Installation Guide

1. Use a cordless screw driver set between 2,200-3,000 RPM. Fit the Pozi 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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