



PRODUCT DATA

Type 17 Washer Head Torx Drive

Self Drilling Timber Construction Screw (SDS) #18-5

Applications	
<ul style="list-style-type: none"> Connecting heavy duty treated timber to timber Ideal for outdoor construction of pergolas, retaining walls, fencing and gates 	

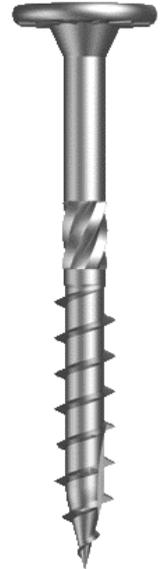
Material	 C1022 Hardened
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Finish	 Tykote®
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Pullout Values			
Thread Length Embedded	¹ Mean Load	² Characteristic Load	³ Working Load
(mm)	(N)	(N)	(N)
29	6170	4860	1940
56	17810	17630	7050

Mechanical Properties	
² Characteristic Tensile Strength	² Characteristic Shear Strength
(N)	(N)
23600	12900

18 Gauge Washer Head



A high performance coating, specially formulated for resisting treated pine chemicals.

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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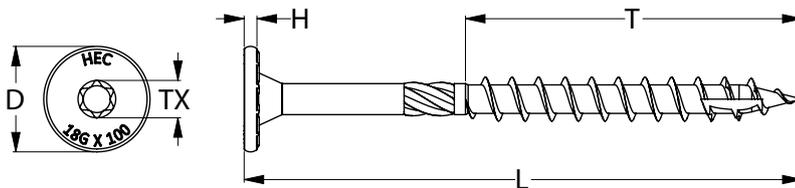




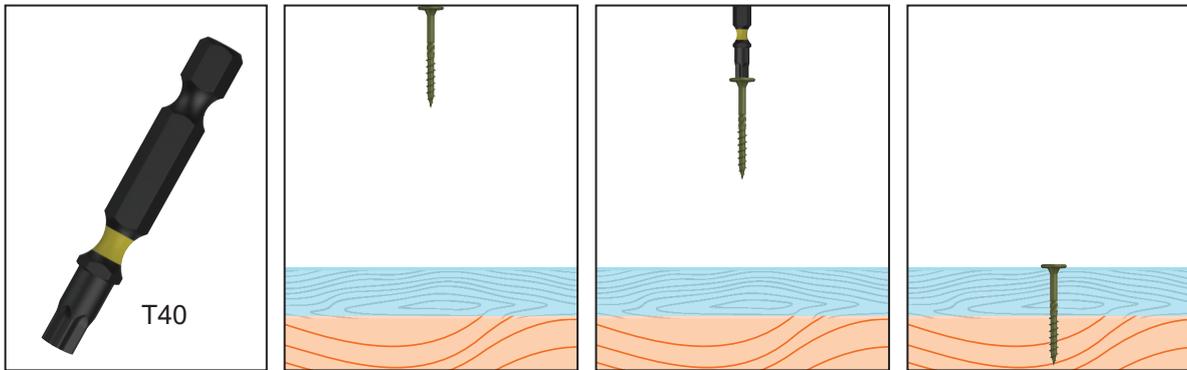
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Part	QFind	Gauge	TPI	Length	Thread Length	Head Height	Head Diameter	Drive Size
				L (mm)	TL (mm)	H (mm)	D (mm)	TX
T9PWTGO1805075	QA64	18	5	75	38	2.5	19	T40
T9PWTGO1805100	QA65			100	60			
T9PWTGO1805125	QA66			125	70			
T9PWTGO1805150	QA67			150	70			
T9PWTGO1805200	QA68			200	70			
T9PWTGO1805250	QA69			250	70			



Installation



Recommended Torx T40 Drive Bits:

Part	QFind	Length
		(mm)
TXDIPTXS40050	BA39	50

Installation Guide

1. Use a cordless screw driver set at max 2,200 - 3,000 RPM. Fit the Torx 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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