



PRODUCT DATASHEET

SUPERTEK 7

WING DRILL TEK SCREW

PRODUCT DETAILS

Purpose:	When timber is being fastened to thicker steel section or where extremely hard steels defeat normal tek screws
Head style:	Double countersunk
Material Grade:	AISI C1022
Coating:	1000hr Evoshield®
Drill Point:	Tek 7 spiral point
Thread Form:	Twin, 24 threads per inch fine thread 'V' fluted
Drilling Capacity:	4.0 – 18.0mm
Recommended Drill Speed:	1500-2500 RPM

GENERAL PHYSICAL CHARACTERISTICS

SKU	Nominal Dimensions, $d_{nom} \times L_{nom}$ (mm)	Recess Type	Timber Capacity (mm)
TSTF5.5-73-7	5.5 x 73.0	Torx 30	10.0-25.0
TSTF5.5-93-7	5.5 x 93.0	Torx 30	20.0-45.0
TSTF5.5-118-7	5.5 x 118.0	Torx 30	45.0-70.0
TSTF5.5-143-7	5.5 x 143.0	Torx 30	55.0-95.0

UNFACTORED PULL OUT VALUES

Nom. Dia. (mm)	Drill Point	Steel Thickness (mm)				
		4.0	6.0	8.0	10.0	15.0
5.5	TEK 7	12.9kN	13.7kN	13.9kN	14.1kN	14.3kN

ULTIMATE MECHANICAL PROPERTIES

Nom. Dia. (mm)	Tensile capacity, (F_{ult}, R_k)	Shear capacity, (V_{ult}, R_k)
5.5	10.3kN	6.9kN

NOTE: The results expressed in this document are determined from empirical testing. Specifiers, end-users and other third parties should make their own decision(s) on what safety factors to use relevant to their design(s)/ application(s). This document is provided, strictly: without prejudice, without recourse, without liability, non-assumpsit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.
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