



PRODUCT DATASHEET

Washed SuperTEK 6

Product Details

Purpose:	Fixing steel to steel
Head style:	5/16" Hexagonal Head
Drill Point:	TEK 6 spiral point
Thread Form:	Single, 24 threads per inch fine thread 'V' fluted
Coating:	1000hr Rated EvoShield® Coating
Shank Material:	Carbon Steel
Material Grade:	AISI C1022
Recommended Drill Speed:	1,500 - 2,500 RPM

Image is a real photograph of the actual product described
Illustrated image is representative of the full range.
Please refer to the corresponding drawing file for 1:1 scale replication per SKU

Washed SuperTEK 6 - Product for use in Heavy Gauge Steel Applications (4.0mm to 16.0mm mild steel)

SKU	Nominal Dimensions, dnom x Lnom (mm)	Effective Thread Length, Lthread (mm)	Drilling Capacity, Hcap (mm)
TSBW5.5-38-6	5.5 x 38.0	Full	4.0 - 16.0

Ultimate Withdrawal Resistance, N_{Rk} , from S355JR Steel (N)

Diameter	Nominal Substrate Thickness, t_{nom}				
	4.0mm	6.0mm	8.0mm	10.0mm	15.0mm
5.5mm	3,900 N	6,800 N	10,200 N	12,400 N	16,500 N

Ultimate Mechanical Performance

Property	Magnitude
Tensile Capacity, (F_{ult}, R_k)	12,800N
Shear Capacity, (V_{ult}, R_k)	8,500N

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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