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BAFD

CERTIFIED ISO 9001

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PRODUCT DATASHEET

SuperTEK 7 Range

PRODUCT DETAILS

Purpose:	Fixing steel to steel
Head style:	5/16" Hexagonal Head
Drill Point:	TEK 7 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

SuperTEK 7 Range - Products for use in Heavy Gauge Steel Applications (4.0mm to 18.5mm mild steel)

SKU	Nominal Dimensions, dnom x Lnom (mm)	Effective Thread Length, Lthread (mm)	Driling Point	Drilling Capacity, Hcap (mm)
TSHW5.5-50-7	5.5 x 50.0	Full	TEK 7 Spiral Point	4.0 - 18.5
TSHW5.5-75-7	5.5 x 75.0	Full	TEK 7 Spiral Point	4.0 - 18.5
TSHW5.5-100-7	5.5 x 100.0	Full	TEK 7 Spiral Point	4.0 - 18.5
TSHW5.5-125-7	5.5 x 125.0	85.0	TEK 7 Spiral Point	4.0 - 18.5
TSHW5.5-150-7	5.5 x 150.0	85.0	TEK 7 Spiral Point	4.0 - 18.5

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

Diameter	Drill Point	Nominal Substrate Thickness, t_{nom}					
		4.0mm	6.0mm	8.0mm	10.0mm	15.0mm	18.0mm
5.5mm	TEK 7 Spiral Point	4,100 N	6,900 N	11,300 N	13,500 N	16,600 N	19,700 N

Ultimate Mechcnical Performance

Property	Magnitude
Tensile Capacity, (F_{ult},R_k)	13,900N
Shear Capacity, (V_{ult},R_k)	10,300N

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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