

PRODUCT DATASHEET

TORX METAL FRAMING TEK SCREW



PRODUCT DETAILS

Purpose:	Fixing steel to steel
Thread form:	Coarse thread (Tek 3)
Shank material:	Carbon Steel
Material grade:	AISI C1022
Coating:	500hr Evosheild®
Recommended drill speed:	1500-2500 RPM
Drill Point:	TEK 3
Drilling capacity:	1.2 – 4.0mm
Drill Bit:	Torx 25 (T25)
Head style:	Low Profile

GENERAL PHYSICAL CHARACTERISTICS

Product Code	Size	Effective thread length
TSPHT4.8-22-3	4.8 x 22mm	Full
TSPHT5.5-25-3	5.5 x 25mm	Full

TECHNICAL DATA

TEK 3 range unfactored pull out values

Diameter	Steel Thickness					
	1.2mm	1.6mm	2.0mm	2.5mm	3.0mm	4.0mm
4.8mm	1,300 N	1,900 N	2,300 N	3,200 N	4,500 N	5,200 N
5.5mm	2,100 N	2,900 N	3,600 N	4,800 N	5,700 N	6,300 N

CHARACTERISTIC MECHANICAL PERFORMANCE

Property	Magnitude (N)	
	4.8mm	5.5mm
Tensile Capacity, Fult,Rk	8,100 N	18,500 N
Shear Capacity, Vult,Rk	5,200 N	10,500 N

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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