

PRODUCT DATASHEET

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:	Philips 2 (PH2)
Head style:	Low Profile

GENERAL PHYSICAL CHARACTERISTICS

Product Code	Size	Effective thread length
TSPH4.8-16-3	4.8 x 16mm	8.0mm
TSPH5.5-19-3	5.5 x 19mm	9.0mm
TSPH5.5-25-3	5.5 x 25mm	15.0mm

TECHNICAL DATA

TEK 3 range unfactored pull out values

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

CHARACTERISTIC MECHANICAL PERFORMANCE

Diameter	Tensile Strength	Shear Strength
4.8mm	8,100 N	5,200 N
5.5mm	18,500 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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