

PRODUCT DATASHEET

METAL FRAMING TEK SCREW



PRODUCT DETAILS

Purpose:	Fixing steel to steel
Drive bit:	Philips 2
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 – 3.5mm
Head style:	Low Profile

GENERAL PHYSICAL CHARACTERISTICS

Product Code	Size	Effective thread length
TSPH4.8-16-3	4.8x16mm	8.0mm
TSPH5.5-19-3	5.5x19mm	9.0mm
TSPH5.5-25-3	5.5x25mm	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	1.3kN	1.9kN	2.3kN	3.2kN	4.5kN	5.2kN
5.5mm	Tek 3	2.1kN	2.9kN	3.6kN	4.8kN	5.7kN	6.3kN

CHARACTERISTIC MECHANICAL PERFORMANCE

Diameter	Tensile Strength	Shear Strength
4.8mm	8.1kN	5.2kN
5.5mm	18.5kN	10.5kN

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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