

# PRODUCT DATASHEET

## METAL FRAMING TEK SCREW



### PRODUCT DETAILS

<b>Purpose:</b>	Fixing steel to steel
<b>Drive bit:</b>	Philips 2 (TEK 2), Philips 3 (TEK 5)
<b>Thread form:</b>	Coarse thread (TEK 2), fine thread (TEK 5)
<b>Shank material:</b>	Carbon Steel
<b>Material grade:</b>	AISI C1022
<b>Coating:</b>	500hr Evosheild
<b>Recommended drill speed:</b>	1500-2500 RPM
<b>Drill Point:</b>	TEK 2 and TEK 5
<b>Drilling capacity:</b>	0.8 - 2.5mm (TEK 2), 4.0 - 12.5mm (TEK 5)
<b>Head style:</b>	Low Profile

### GENERAL PHYSICAL CHARACTERISTICS

Product Code	Size	Drill Point	Effective thread length	Drilling capacity	Steel thickness
TSLP4.8-22-2	4.8x22mm	TEK 2	15.0mm	0.8-2.5mm	Up to 2.5mm
TSLP5.5-38-5	5.5x38mm	TEK 5	22.0mm	4.0-12.5mm	4.0-12.5mm

### TECHNICAL DATA

#### TEK 2 range unfactored pull out values

Diameter	Drill Point	Steel Thickness			
		1.2mm	1.6mm	2.0mm	2.5mm
4.8mm	TEK 2	1.3kN	1.9kN	2.3kN	3.2kN

#### TEK 5 range unfactored pull out values

Diameter	Drill Point	Steel Thickness					
		4.0mm	5.0mm	6.0mm	8.0mm	10.0mm	12.5mm
5.5mm	TEK 5	5.8kN	7.1kN	8.8kN	10.7kN	12.9kN	16.3kN

### CHARACTERISTIC MECHANICAL PERFORMANCE

#### TSLP TEK 2 (Course Thread)

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

#### TSLP TEK 5 (Fine Thread)

Diameter	Tensile Strength	Shear Strength
5.5mm	17.4kN	11.6kN

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-assumptit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.