

# PRODUCT DATASHEET

## TEK 3 SCREW HEX HEAD



<b>Purpose:</b>	Fixing cladding/roofing applications to hot/cold rolled purlins/rails. Fastening liner panels and general components to steel
<b>Head style and drive:</b>	Hexagonal, 5/16" hexagonal
<b>Thread form:</b>	Coarse thread (TEK 3)
<b>Shank Material:</b>	Carbon Steel
<b>Material Grade:</b>	SAE C1022
<b>Coating:</b>	500hr Evoshield®
<b>Recommended Drill Speed:</b>	1500 – 2500RPM
<b>Effective Thread Length:</b>	Full
<b>Drill Point:</b>	TEK 3
<b>Drilling Capacity:</b>	1.2 - 4.0mm

### Hex Head For Light Steel TEK Screw Range

Product Code	Size
TSHW6.3-25-3	6.3 x 25mm
TSHW6.3-38-3	6.3 x 38mm
TSHW6.3-50-3	6.3 x 50mm

### 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
6.3mm	TEK 3	1,700 N	1,900 N	2,400 N	4,600 N	6,500 N	7,600 N

### Ultimate Mechanical Performance

Diameter	Tensile Strength	Shear Strength
6.3mm	18,700 N	12,000 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-assumptit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.  
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