

PRODUCT DATASHEET

A4 Bi-Metal Pancake Head Self-Drilling Screw Range TEK 3



Product Details

Purpose:	Fixing steel to steel
Head style:	Pancake Head
Recess Type:	Torx 25
Thread Form:	Coarse thread (pitch = 1.81mm approx.)
Drill Point:	TEK 3
Drilling Capacity:	1.2-4.0mm
Material Grade:	Stainless steel, AISI 316
Coating:	5µm electroplated zinc
Recommended Drill Speed:	1500 – 2500RPM

General Physical Characteristics

Product Code	Size	Effective Thread Length	Drilling Capacity
A4PH5.5-25-3	5.5 x 25mm	Full	1.2-4.0mm

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
5.5mm	TEK 3	1,600 N	2,100 N	3,100 N	4,000 N	4,500 N	5,300 N

Ultimate Mechanical Properties

Property	Magnitude
Tensile Capacity, (F_{ult}, R_k)	11,400 N
Shear Capacity, (V_{ult}, R_k)	8,600 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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