

PRODUCT DATASHEET

A4 Bi-Metal Lowered Dome Head



Product Details

Purpose:	Fixing components, brackets and miscellaneous hardware to light gauge steel substrates where a low profile or anti-slag head is required. Also suitable where dissimilar metals are being used or superior corrosion resistance is required.
Head style and drive:	12mm $\varnothing$ low profile (3.40mm) domed head
Recess Type:	Torx 25
Thread Form:	Coarse thread (pitch = 1.8mm approx.)
Drill Point:	TEK 3
Drilling Capacity:	1.2-4.0mm
Material Grade:	Stainless steel, AISI 316
Coating:	5 μ m electroplated zinc
Recommended Drill Speed:	1500 - 2500RPM

General Physical Characteristics

Product Code	Size	Effective Thread Length	Drilling Capacity
A4LDH5.5-25-3	5.5 x 25mm	Full	1.2-4.0mm
A4LDH5.5-35-3	5.5 x 35mm	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-assumpsit, no assured value, errors and omissions excepted, subject to change without notice and all rights reserved.
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