



PRODUCT DATASHEET

Bi Metal Standard Tek (Unwashed)

PRODUCT DETAILS

Purpose:	Fastening in aluminium sheeting and panels
Head style:	Hexagonal Drive bit: 5/16" hexagonal
Thread Form:	Coarse thread (Tek 3)
Shank material:	Stainless steel
Material Grade:	AISI A304
Coating:	Electroplated zinc
Recommended drill speed:	1500 – 2500 RPM
Drilling Point Material Grade:	SAE C1022

TEK 3 RANGE UNWASHERED – FOR LIGHT STEEL

Product Code	Size	Drill Point	Effective Thread Length	Drilling Capacity	Steel Thickness
BMHH6.3-25-3	6.3x25mm	Tek 3	14.0mm	1.2-4.0mm	1.2-4.0mm
BMHH6.3-38-3	6.3x38mm	Tek 3	27.0mm	1.2-4.0mm	1.2-4.0mm
BMHH6.3-50-3	6.3x50mm	Tek 3	38.0mm	1.2-4.0mm	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
6.3mm	Tek 3	1.9kN	2.4kN	3.2kN	4.0kN	4.9kN	6.5kN

CHARACTERISTIC MECHANICAL PERFORMANCE

Diameter	Tensile Strength, (F _{ult} , R _k)	Shear Strength, (V _{ult} , R _k)
6.3mm	13.6kN	11.7kN

PULLOVER PERFORMANCE

Diameter	In 0.6mm steel	In 1.2mm steel
6.3mm	2.8kN	8.4kN

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