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PRODUCT DATASHEET

A2 BI-METAL STITICHING TEK SCREW

Purpose:	Stitching cladding panels
Head style:	Hexagonal
Drive:	5/16” hexangonal
Thread Form:	Twin, Coarse Thread
Drill Point Material Grade:	SAE C1022
Shank and Head Material:	AISI 304/EN 1.4301 (A2) stainless steel
Washer:	16mm vulcanised EPDM with stainless steel compression disc
Coating:	5µm electroplated zinc
Recommended Drill Speed:	1500-2500RPM

Stitching Screw Range - Products for use in Light Gauge Applications (0.8mm to 2.5 mm mild steel)

SKU	Nominal Dimensions, dnom x Lnom (mm)	Effective Thread Length, Lthread (mm)	Driling Point	Driling Capacity
BMTSFHR6.3-22-2	6.3 x 22mm	FULL	TEK 2	0.8 - 2.5mm
BMTSFHR6.3-28-2	6.3 x 28mm	FULL	TEK 2	0.8 - 2.5mm
BMTSFHR6.3-35-2	6.3 x 35mm	FULL	TEK 2	0.8 - 2.5mm
BMTSFHR6.3-50-2	6.3 x 50mm	FULL	TEK 2	0.8 - 2.5mm
BMTSHF6.3-38-2	6.3 x 38mm	FULL	TEK 2	0.8 - 2.5mm

Ultimate Withdrawal Resistance, N_{Rk} , from S355JR Steel (N)

Diameter	Drill Point	Nominal Substrate Thickness, t_{nom}		
		1.2mm	1.5mm	2.5mm
6.3mm	TEK 2	1,800 N	3,200 N	5,200 N

Ultimate Mechcanical Performance

Property	Magnitude
Tensile Capacity, Fult,Rk	8,700 N
Shear Capacity, Vult,Rk	6,200 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.