



PRODUCT DATASHEET

SuperTEK®8 MARINE

Bi-Metal Stainless Steel

PRODUCT DETAILS

Purpose:	Fixing steel to steel
Head style and drive:	Hexagonal, 5/16" hexagonal
Thread Form:	Single, 'V' fluted
Shank Material:	SAE 316 (a.k.a. A4-50 and EN 1.4401)
Drill Point Material Grade:	SAE C1022
Drill Point:	TEK 8 spiral point
Coating:	5µm electrodeposited zinc

SuperTEK 8 Marine Range – For Heavy Steel

Product Code	Size	Effective Thread Length	Drilling Capacity
BMTSHW6.3-60-8	6.3 x 60mm	FULLY THREADED	4.0-22.0mm
BMTSHW6.3-100-8	6.3 x 100mm	FULLY THREADED	4.0-22.0mm

Technical Data

Characteristic Pull Out Values(N)				
Diameter	Drill Point	Steel Thickness		
		5.0mm	12.5mm	20.0mm
6.3mm	TEK 8	8,410	14,680	16,475

General Mechanical Performance

Diameter	Characteristic tensile capacity, $F_{ult,Rk}$ (N)	Characteristic shear capacity, $V_{ult,Rk}$ (N)	Characteristic torsional capacity, $T_{ult,Rk}$ (Nm)
6.3mm	14,520	9,275	15.6

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.
©Evolution Fasteners UK Ltd, 2021.