



PRODUCT DATASHEET

SuperTEK®7 MARINE

Bi-Metal Stainless Steel

PRODUCT DETAILS

Purpose:	Fastening applications to super-heavy gauge cold-formed steel, hot-rolled steel and extruded aluminium substrates
Head style and drive:	Hexagonal, 5/16" hexagonal
Thread Form:	24 TPI (w/V-fluting)
Shank Material:	SAE 316 (a.k.a. A4-50 and EN 1.4401)
Material and Grade:	AISI C1022 (hardened) carbon steel self-piercing tip brazed to AISI316 / EN 1.4401 / A4 - 50 stainless steel body and head
Drill Point:	SuperTEK 7 (Min. 4.0mm - Max 18.0mm)
Additional Coating:	5µm electrodeposited zinc (w/ blue dichromate passivation)

Image is a real photograph of the actual product described
Illustrated image is representative of the full range.
Please refer to the corresponding drawing file for 1:1 scale replication per SKU

SuperTEK 7 Marine Range – For Heavy Steel

Product Code	Size	Effective Thread Length	Drilling Capacity
BMTSHW5.5-55-7	5.5 X 55 mm	Fully Threaded	4.0-18.5mm

Ultimate Mechanical Performance

Diameter	Tensile Strength	Shear Strength
5.5mm	12.4kN	9.8kN

Unfactored Pull Out Values

Diameter	Drill Point	Steel Thickness					
		4.0mm	5.0mm	8.0mm	12.5mm	15.0mm	18.0mm
5.5mm	Tek 7	6.5kN	7.8kN	11.5kN	12.4kN	Tensile Capacity Of Fastener Reached	

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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