

PRODUCT DATASHEET

Tough Board Screw



Product Details

Purpose:	Fixing dense and hard surfaced boards to both drywall track/timber base materials
Head style:	Countersunk
Thread Form:	Twin
Point Style:	Super Sharp Point
Drive Bit:	Phillips 2
Coating:	Black Phosphate
Shank Material:	Carbon Steel
Material Grade:	ASIS C1022
Effective Thread Length:	Fully Threaded
Recommended Drill Speed:	4000 - 6000RPM

Tough Board Screw Range

SKU	Size (mm)	Fixture Thickness (mm)	Steel Thickness (mm)
F25	3.9 x 25.0	15.0	0.5-1.2
F35	3.9 x 35.0	25.0	0.5 - 1.2
F45	3.9 x 45.0	35.0	0.5 - 1.2
F55	3.9 x 55.0	45.0	0.5 - 1.2

Ultimate Pull Out Values (Steel Section)

Nominal Diameter (mm)	Steel Thickness		
	0.6mm	1.0mm	1.2mm
3.9	0.8kN	1.9kN	2.2kN

Ultimate Pull Out Values (Timber)

Nominal Diameter (mm)	Embedment Depth
3.9	15mm
	0.8kN

Ultimate Mechanical Properties

Nominal Diameter (mm)	Shear Strength (kN)	Tensile Strength (kN)
3.9	6.0	7.4

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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