



PRODUCT DATASHEET

WOODMASTER™ STRUCTURAL TRUSS SCREW

Product Details

Purpose:	Fastening multi-ply wood members, such as, plated trusses, engineered timber products and solid sawn timbers
Head style:	Truss head with torx 40 recess
Coating:	Electroplated zinc with di-chromate passivation min. 12µm
Material:	Carbon steel (C1002 grade)
Drill Point:	Type 17
Recommended Embedment Depth:	35.0 mm

BB8 Range - Products for use in multi-ply wood member Applications

SKU	Nominal Dimensions, $d_{nom} \times L_{nom}$ (mm)	Effective Thread Length, L_{thread} (mm)
BB880	8.0 x 80.0	50.0
BB890	8.0 x 90.0	
BB8100	8.0 x 100.0	
BB8120	8.0 x 120.0	
BB8140	8.0 x 140.0	100.0
BB8160	8.0 x 160.0	
BB8180	8.0 x 180.0	
BB8200	8.0 x 200.0	
BB8220	8.0 x 220.0	
BB8240	8.0 x 240.0	
BB8260	8.0 x 260.0	
BB8280	8.0 x 280.0	
BB8300	8.0 x 300.0	

Ultimate Withdrawal Resistance, N_{Rk} , from C16 Timber (N)

Diameter	Nominal Embedment Depth (mm)	
	35.0mm	50.0mm
8.0mm	4,400 N	6,900 N

Ultimate Mechanical Performance

Property	Magnitude
Tensile Capacity, (F_{ult}, R_k)	28,400 N
Shear Capacity, (V_{ult}, R_k)	19,600 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.
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