

TECHNICAL DATA SHEET

TIMTAPP® #15 (M6.5) - 8 X L

APPLICATION

Fixing Steel Sheets
into Timber Substrates

SUBSTRATE PARAMETERS

T17: For Timber, Min 25mm Embedment Depth

SIZE: #15 (M6.5)

TPI: 8

HEAD TYPE:

8mm Hex Washer Head

REFERENCE STANDARD

AS 3566.1, Modified
ISO 10666, Modified
BS 5427

MATERIAL GRADE

Carbon Steel, Grade C1022

SHEAR PROPERTIES

Fastener Diameter (mm)	Ø6.5 X L
Ultimate Shear Load (kN)	13.9

NOTE: Shear test done using Universal Testing Machine at a speed rate of 3mm/min until failure.

TENSILE PROPERTIES

Fastener Diameter (mm)	Ø6.5 X L
Ultimate Tensile Load (kN)	20.4

NOTE: Tensile test done using Universal Testing Machine at a speed rate of 3mm/min until failure.

TORSIONAL PROPERTIES

Fastener Diameter (mm)	Ø6.5 X L
Ultimate Breaking Torque Load (Nm)	18.5

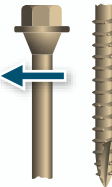
NOTE: Torsional test done using Torque Wrench with a range up to 600 lb.in (~67.8Nm).

PULL OUT PROPERTIES ON TIMBER

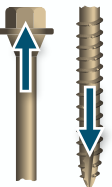
Ultimate Pull Out Load (kN)	Nominal Embedment Depth (mm)	
	25mm	50mm
Ø6.5 X L	3.2	6.0

NOTE: Pull Out test done using Universal Testing Machine at a speed rate of 3mm/min. Values above resulted from tests conducted on construction grade timber designated with density of 500kg/m3.

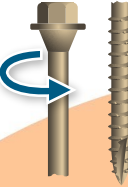
ULTIMATE SHEAR STRENGTH



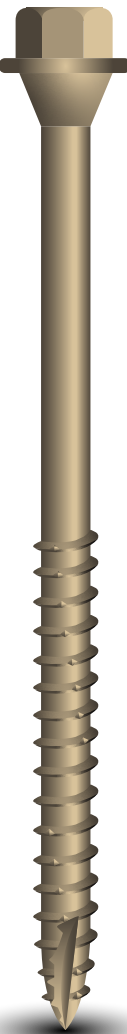
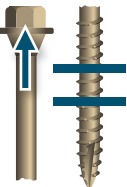
ULTIMATE TENSILE STRENGTH



ULTIMATE BREAKING TORQUE



ULTIMATE PULL OUT STRENGTH



TDS_TT15-8-HWH T17 R0

