

TECHNICAL DATA SHEET

TIMTAPP® M8.0 - 5 X L

APPLICATION

Fixing steel sheets
into timber substrates

SUBSTRATE PARAMETERS

S17™ / T17: For Timber, Min 1" / 25mm Embedment Depth

SIZE: M8.0

TPI: 5

HEAD TYPE:

Button Washer Head + Torx 40

REFERENCE STANDARD

AS 3566.1, Modified
BS 5427

MATERIAL GRADE

Carbon Steel, Grade 10B21



SHEAR PROPERTIES

Fastener Diameter (Gauge / mm)	Ø8.0 X L
Ultimate Shear Load (lbf / kN)	4230 / 18.7

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

TENSILE PROPERTIES

Fastener Diameter (Gauge / mm)	Ø8.0 X L
Ultimate Tensile Load (lbf / kN)	6699 / 29.8

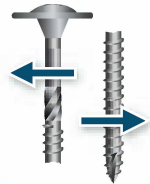
NOTE: Tensile test done using Universal Testing Machine at a speed rate of 3mm/min until failure.

TORSIONAL PROPERTIES

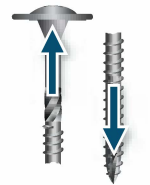
Fastener Diameter (Gauge / mm)	Ø8.0 X L
Ultimate Breaking Torque Load (lbf.in / Nm)	328.3 / 37.1

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

ULTIMATE SHEAR STRENGTH



ULTIMATE TENSILE STRENGTH



ULTIMATE BREAKING TORQUE

