



PRODUCT INFORMATION SHEET

METAPP® #14-20 x L

MATERIAL GRADE

Carbon Steel, Grade C1022

DIMENSIONAL STANDARD

AS 3566.1, Modified

COATING OPTIONS

TAPPERMAN® M3 Series

TAPPERMAN® M4 Series

PRODUCT IDENTIFICATION

Engineering Edge Monogram



INSTALLATION GUIDE

RECOMMENDED TOOL

TORQUE	17 ~ 29Nm	SPEED	1,800 ~ 2,500RPM
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NOTE: *Drill-through on Steel substrate with Hardness, ranging from 110HV - 175HV.

STEEL SUBSTRATE PARAMETERS

LEVIN® Point Reduced, LVR: For Steel, Max. 1.0mm thick

ACCESSORY:



8 X 65mm Magnetic Hex Socket, 1/4" Shank

SHEAR PROPERTIES

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

Ultimate Shear Load (kN)	13.4
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ULTIMATE SHEAR STRENGTH

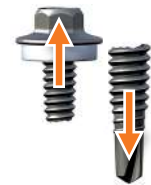


TENSILE PROPERTIES

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

Ultimate Tensile Load (kN)	24.8
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ULTIMATE TENSILE STRENGTH



TORQUE PROPERTIES

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

Ultimate Breaking Torque (Nm)	22.5
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ULTIMATE BREAKING TORQUE



DISCLAIMER