



PRODUCT INFORMATION SHEET

METAPP® #12-14 x L

MATERIAL GRADE

Carbon Steel, Grade C1022

DIMENSIONAL STANDARD

AS 3566.1, Modified

COATING OPTIONS

CORROSHIELD® OC Series

CORROSHIELD® SR Series

CORROSHIELD® CS Series

CORROSHIELD® HD Series

PRODUCT IDENTIFICATION

Engineering Edge Monogram



INSTALLATION GUIDE

RECOMMENDED TOOL

TORQUE	17 ~ 29Nm	SPEED	1,800 ~ 2,500RPM
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*Electric screwdriver with torque clutch is recommended.

STEEL SUBSTRATE PARAMETERS

LEVIN® Point 3, LV: For Steel, Max. 5.5mm 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)	10.8
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TENSILE PROPERTIES

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

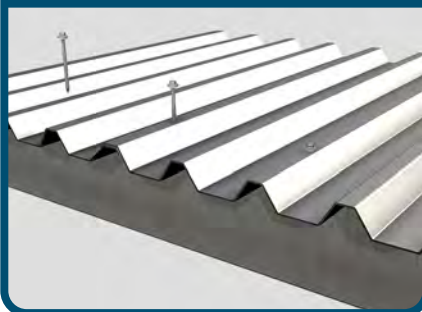
Ultimate Tensile Load (kN)	15.9
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TORQUE PROPERTIES

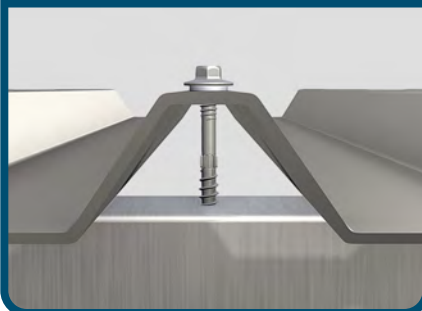
NOTE: Torsional test done using Torque Wrench with a range up to 600 lb.in (~67.8Nm).

Ultimate Breaking Torque (Nm)	14.5
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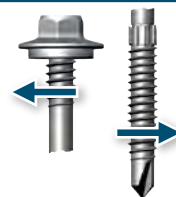
PIERCED FIXED APPLICATIONS



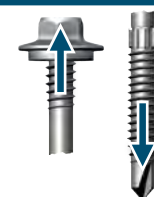
CREST FIXING APPLICATIONS



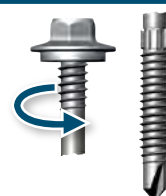
ULTIMATE SHEAR STRENGTH



ULTIMATE TENSILE STRENGTH



ULTIMATE BREAKING TORQUE



CORROSHIELD®
F A S T E N E R S

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