

ECLIPSE™ MB™ WoodBinder®

Features and Benefits

MB™ New Micro-Bit Engineering

- Round head with 6-lobe recess driver provides an aesthetic, low-profile appearance on side wall metal applications installed in wood girts.
- Micro-Bit point reduces metal shavings that can embed themselves in the rubber washer.
- Undercut EPDM rubber washer provides a secure seal even when driven at an angle.
- T-25-W driver specially designed to fit securely in the 6-lobe recess with no cam-out or paint damage.

FOR PROPER INSTALLATION, THE USE OF IMPACT DRIVERS ARE NOT RECOMMENDED FOR POWDER COATED OR ANY WET PAINTED FASTENER.

PULLOUT & PULLOVER VALUES ARE DETERMINED IN THE ST FASTENING SYSTEMS ENGINEERING LABORATORY USING STEEL PANELS/FRAMING & WOOD DENSITIES WHOSE STRUCTURAL PROPERTIES ARE FOUND IN PRESENT DAY PRODUCTS.

THE MB MICRO-BIT POINT MAY GENERATE SMALL METAL SHAVINGS UPON INSTALLATION. IT IS RECOMMENDED TO CLEAN/SWEEP THE METAL PANELS AFTER INSTALLATION TO PREVENT PREMATURE RUST SPECKS.

SIZE	CARTON QTY.	WEIGHT/M
10 x 1"	3000	8.0
10 x 1 1/2"	2500	10.1
10 x 2"	2000	12.2
10 x 2 1/2"	1500	15.4
10 x 3"	1000	17.2

ROLLING CHANGE

The new Micro-Bit will completely replace the Type 17 sharp point as current inventories are depleted. Sizes listed in GREEN will continue to be sharp points, as inventory levels of those turn over at a slower rate.

PULL OUT STRENGTH LBS. ULT.

SUBSTRATE	PENETRATION	VALUE
3/4" PLY	FULL	536
5/8" PLY	FULL	420
1/2" PLY	FULL	379
7/16" OSB	FULL	190
2 X Y. PINE*	1"	929
2 X SPF*	1"	640

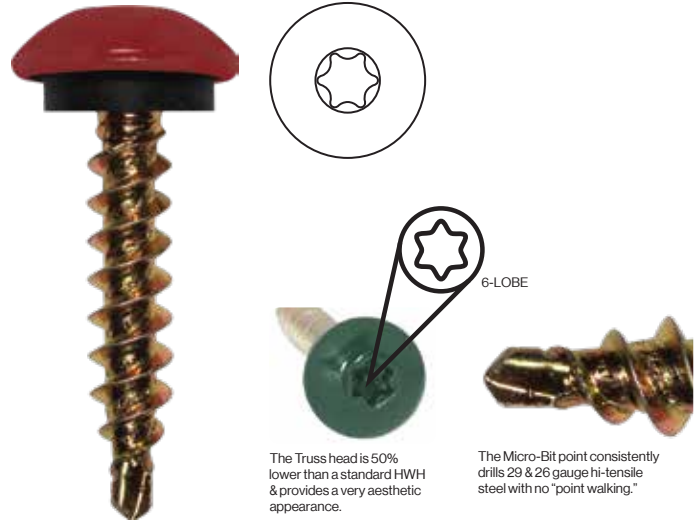
* Y.PINE (Yellow Pine) * SPF (Spruce Pine Fir)

PULL OVER STRENGTH LBS. ULT.

SUBSTRATE	GAUGE	THICKNESS	VALUE
AZ55 Galvalume	29	.014	688
AZ55 Galvalume	26	.018	879

All strength values shown are ultimate values, express in LBS. Apply an appropriate safety factor to obtain design limits.

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The Truss head is 50% lower than a standard HWH & provides a very aesthetic appearance.

The Micro-Bit point consistently drills 29 & 26 gauge hi-tensile steel with no "point walking."



HEAD STYLE	TRUSS
DRILL POINT	MICRO-BIT
MAJOR DIAMETER	.206/.200
MINOR DIAMETER	.126/.122
WASHER/HEAD DIAMETER	.500
HEAD ACROSS FLATS	N/A
ULT. TENSILE STRENGTH	2023 LBS.
MIN. TORSIONAL STRENGTH	75 IN-LBS.
NOM. SHEAR STRENGTH	1653 LBS.

Applications

