

FEATURES AND BENEFITS

MB™ Micro-Bit™ Engineering

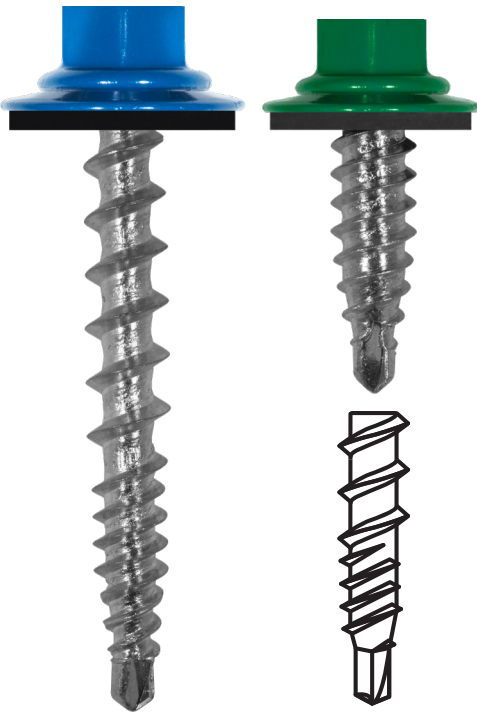
- Fastener designed to attach steel roofing & siding used in post-frame & residential metal roofing applications.
- Threads transition from fine to coarse to generate superior holding strength in various wood substrates.
- Micro-Bit™ point reduces metal shavings that can embed themselves in the rubber washer.
- EPDM rubber is vulcanized to a steel washer to form an excellent seal even when driven at an angle.

ALL UNPAINTED WOODBINDER MB FASTENERS COME STANDARD WITH DURASEAL® PLUS ENHANCED CORROSION RESISTANCE COATING

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

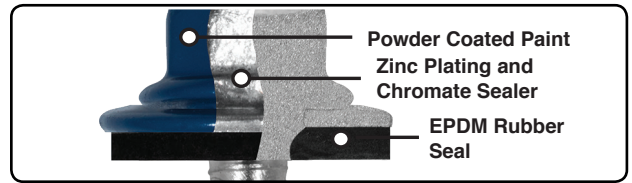
PULLOUT & PULLOVER VALUES ARE DETERMINED IN THE ST FASTENING SYSTEMS ENGINEERING LABORATORY USING STEEL PANELS/FRAMING & WOOD DENSITIES WHOSE STRUCTURAL PROPERTIES ARE FOUND IN PRESENT DAY PRODUCTS.

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.

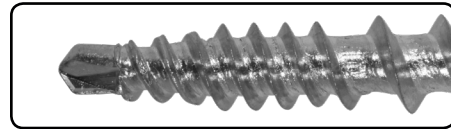


HEAD STYLE
1/4" HWH
DRILL POINT
MICRO-BIT™
MAJOR DIAMETER
.205/.191 .215/.209 STITCH
MINOR DIAMETER
.121/.116 .160/.153 STITCH
WASHER/HEAD DIAMETER
.348/.322 .348/.322 STITCH
HEAD ACROSS FLATS
NOM .250 NOM .250 STITCH
ULT. TENSILE STRENGTH
1904 LBS. 2900 LBS. STITCH
MIN. TORSIONAL STRENGTH
56 IN.-LBS. 88 IN.-LBS. STITCH
NOM. SHEAR STRENGTH
1547 LBS. 1962 LBS. STITCH

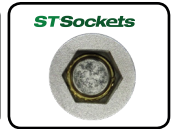
- NOTES**
1. *w/ 12mm bonded washer
 2. All strength values shown are ultimate values, express in LBS. Apply an appropriate safety factor to obtain design limits.



Hex Washer Head with EPDM rubber washer provides a watertight seal on roof applications. Sockets are designed to allow for the added thickness of the powder coat.

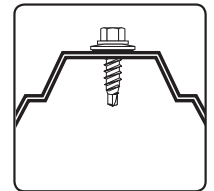
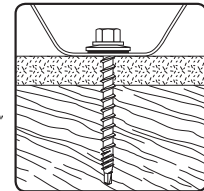


The combination of the Micro-Bit point & transition thread from fine to coarse generates superior drill speed in metal & holding strength in wood substrates.



Available for powder coated fasteners.

APPLICATIONS



SIZE	CARTON QTY.	WEIGHT/M
10 x 1"	3000	7.8
10 x 1 1/2"	2500	9.9
10 x 2"	2000	12.2
10 x 2 1/2"	1500	14.3
10 x 3"	1000	16.3
12 x 3/4" Stitch	2500	8.8

PULL OUT STRENGTH LBS. ULT.			
SUBSTRATE	PENETRATION	10-16/8 VALUE	STITCH VALUE
3/4" PLY	FULL	636	N/A
5/8" PLY	FULL	441	N/A
5/8" PLY	1/2"	N/A	297
1/2" PLY	FULL	368	N/A
1/2" PLY	1/2"	N/A	329
7/16" OSB	FULL	210	N/A
7/16" OSB	1/2"	N/A	217
2 X Y. PINE*	1"	713	N/A
2 X Y. PINE*	1 1/2"	N/A	495
2 X Y. PINE*	1/2"	1526	N/A
2 X SPF*	1"	466	N/A
2 X SPF*	1 1/2"	1216	162
2 X SPF*	1/2"	N/A	N/A

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

PULL OVER STRENGTH LBS. ULT.				
SUBSTRATE	GAUGE	THICKNESS	10-16/8 VALUE	STITCH VALUE
AZ55 Galvalume*	29	.014	378	378
AZ55 Galvalume*	26	.018	629	629
AZ55 Galvalume*	24	.024	721	721