

## ECLIPSE 16 WoodBinder®



- Round head with 6-lobe recess driver provides an aesthetic, low-profile appearance on sidewall metal applications installed into wood girts.
- Micro-Bit™ point quickly penetrates steel siding and eliminates metal shaving 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 & BASED UPON WOOD DENSITIES FOUND IN PRESENT DAY WOOD PRODUCTS.

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

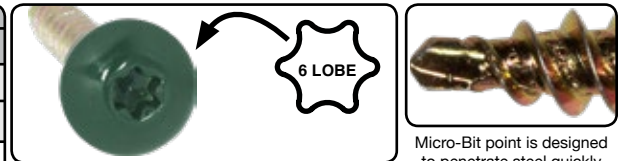
### ROLLING CHANGE

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.

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

PULL OUT STRENGTH VALUE (LBS. ULT.)	MATERIAL	SUBSTRATE																	
		HRS PRIMED ONLY				3/4" PLY		5/8" PLY		1/2" PLY		7/16" OSB		2X Y.PINE			2X SPF		
		NOM. GAUGE	16	14	12	(3)	(4)	(3)	(4)	(3)	(4)	(3)	(4)	(1)	(2)	(4)	(1)	(2)	(4)
#10	N/A	N/A	N/A	N/A	536	N/A	420	N/A	379	N/A	190	N/A	929	N/A	N/A	640	N/A	N/A	

PULL OVER STRENGTH VALUE (LBS. ULT.) (EPDM ONLY)	DESIGNATION	MATERIAL						
		AZ55 GALVALUME				G90	ALUMINUM	SLOT EDGE PANEL
		NOM. GAUGE	29	26	24	22	20	21
#10 (EPDM WASHER ONLY)	THICKNESS	.014	.018	.024	.030	.036	.028	.014
		688	879	N/A	N/A	N/A	N/A	N/A



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

Micro-Bit point is designed to penetrate steel quickly wit no "point walking."



T-25-W Driver

## #14 TYPE 17 WoodBinder®



- Designed to be used as a "rescue screw". This fastener will replace nails or smaller diameter fasteners that have loosened & backed out of steel roofing over time.
- 5/16" HWH with bonded sealing washer will completely cover existing hole, even if elongated by movement in the metal roof.
- Type 17 point will help clean the existing hole so that oversized threads can tap & generate maximum holding strength.
- EPDM rubber is vulcanized to the steel washer to prevent delamination & form an excellent seal even when driven at an angle.

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 & BASED UPON WOOD DENSITIES FOUND IN PRESENT DAY WOOD PRODUCTS.

SIZE	HEAD STYLE	CARTON QTY.	WEIGHT/M
14 x 1"	5/16" HWH	2000	13.0
14 X 1-1/4"	5/16" HWH	2000	15.7
14 x 1-1/2"	5/16" HWH	1500	17.7
14 x 2"	5/16" HWH	1500	22.3
14 x 2-1/2"	5/16" HWH	1000	26.7

TECHNICAL INFORMATION	DRILL POINT	MAJOR DIAMETER	MINOR DIAMETER	WASHER/HEAD DIAMETER	HEAD ACROSS FLATS	ULT. TENSILE STRENGTH	MIN. TORSIONAL STRENGTH	NOM. SHEAR STRENGTH
#14-10	30° SHARP POINT T-17	.254/.248	.185/.178	.398/.432	NOM .312"	4270 LBS.	125 IN.-LBS.	2997 LBS.

PULL OUT STRENGTH VALUE (LBS. ULT.)	MATERIAL	SUBSTRATE																			
		HRS PRIMED ONLY				3/4" PLY		5/8" PLY		1/2" PLY		7/16" OSB		2X Y.PINE			2X SPF				
		NOM. GAUGE	16	14	12	(3)	(4)	(3)	(4)	(3)	(4)	(3)	(4)	(1)	(2)	(4)	(1)	(2)	(4)		
#14-10	N/A	N/A	N/A	N/A	800	1250	2017	723	N/A	487	N/A	391	N/A	227	N/A	856	1669	N/A	594	1235	N/A

PULL OVER STRENGTH VALUE (LBS. ULT.) (EPDM ONLY)	DESIGNATION	MATERIAL						
		AZ55 GALVALUME				G90	ALUMINUM	SLOT EDGE PANEL
		NOM. GAUGE	29	26	24	22	20	21
#14 -10 (14MM O.D. BONDED WASHER)	THICKNESS	.014	.018	.024	.030	.036	.028	.014
		495	780	1078	1355	1608	N/A	N/A
#14-10 (W/ NO WASHER)		N/A	722	1040	1197	1419	N/A	N/A



Hex Washer Head with EPDM rubber will completely cover the existing hole to provide a watertight seal.

The Type 17 point will clean the existing hole of metal burrs & the oversized threads will generate increased holding strength.

NOTES: All strength values shown below are ultimate values, expressed in LBS. Apply an appropriate safety factor to obtain design limits.