

## ST® Clip Screw Metal to Wood

### FEATURES AND BENEFITS

- #10 Diameter is designed to attach standing seam roof clips to plywood, OSB, or wood purlins.
- Low profile head design provides excellent pull over strength.
- Thin Wafer Head is designed for standing seam panels that utilize no clip but require a very thin head so as to not to dimple the roof panel.
- Available in Ruspert® corrosion resistant coated carbon steel or 304 stainless steel.

SIZE	HEAD STYLE	CARTON QTY.	WEIGHT/M
10 x 1" PANCAKE TYPE 17	#2 SQUARE/PHILLIPS COMBO	3000	7.0
10 x 1-1/2" PANCAKE TYPE 17	#2 SQUARE/PHILLIPS COMBO	2500	9.0
10 x 1" PANCAKE TYPE 17	#2 SQUARE DRIVE HEAD	3000	7.0
10 x 1-1/2" PANCAKE TYPE 17	#2 SQUARE DRIVE HEAD	2500	9.0
10 x 2" PANCAKE TYPE 17	#2 SQUARE DRIVE HEAD	2000	10.2
10 x 1" WAFER SHARP POINT	#2 SQUARE/PHILLIPS COMBO	3000	5.0
10 x 1-1/2" WAFER SHARP POINT	#2 SQUARE/PHILLIPS COMBO	2500	7.0
10 x 2" WAFER SHARP POINT	#2 SQUARE/PHILLIPS COMBO	2000	9.0
10 x 1" 304 SS SHARP POINT	#2 SQUARE/PHILLIPS COMBO	3000	7.0
10 x 1-1/2" 304 SS SHARP POINT	#2 SQUARE/PHILLIPS COMBO	2500	9.0

PULL OUT STRENGTH LBS. ULT.		
SUBSTRATE	PENETRATION	VALUE
#10 PANCAKE T-17 3/4 PLY	FULL	684
#10 WAFER 3/4 PLY	FULL	684
#10 PANCAKE 304 SS 3/4 PLY	FULL	544
#10 PANCAKE T-17 5/8 PLY	FULL	435
#10 WAFER 5/8 PLY	FULL	435
#10 PANCAKE 304 SS 5/8 PLY	FULL	424
#10 PANCAKE T-17 1/2 PLY	FULL	352
#10 WAFER 1/2 PLY	FULL	352
#10 PANCAKE 304 SS 1/2 PLY	FULL	335
#10 PANCAKE T-17 7/16" OSB	FULL	218
#10 WAFER 7/16" OSB	FULL	218
#10 PANCAKE 304 SS 7/16" OSB	FULL	182
#10 PANCAKE T-17 2X Y.PINE	1"	868
#10 WAFER 2X Y.PINE	1"	868
#10 PANCAKE 304 SS 2X Y.PINE	1"	779
#10 PANCAKE T-17 2X SPF	1"	597
#10 WAFER 2X SPF	1"	597
#10 PANCAKE 304 SS 2X SPF	1"	719

PULL OVER STRENGTH LBS. ULT.			
SUBSTRATE	GAUGE	THICKNESS	VALUE
#10 PANCAKE T-17 3/4 PLY	29	.014	529
#10 PANCAKE 304 SS 3/4 PLY	29	.014	529
#10 PANCAKE T-17 3/4 PLY	26	.018	779
#10 PANCAKE 304 SS 3/4 PLY	26	.018	779
#10 PANCAKE T-17 3/4 PLY	24	.024	1128
#10 PANCAKE 304 SS 3/4 PLY	24	.024	1128
#10 PANCAKE T-17 3/4 PLY	22	.030	1512
#10 PANCAKE 304 SS 3/4 PLY	22	.030	1512
#10 WAFER 3/4 PLY	29	.014	685

**DRILL POINT**  
 TYPE 17 - 30° T-17  
 WAFER - 30° SHARP POINT  
 304 SS - 30° SHARP POINT

**MAJOR DIAMETER**

TYPE 17 - .204/.198  
 WAFER - .204/.198  
 304 SS - .194/.188

**MINOR DIAMETER**

TYPE 17 - .128/.122  
 WAFER - .128/.122  
 304 SS - .133/.126

**HEAD DIAMETER**

TYPE 17 - .447/.423  
 WAFER - .477/.423  
 304 SS - .440 NOM.

**ULT. TENSILE STRENGTH**

TYPE 17 - 1981 LBS.  
 WAFER - 1981 LBS.  
 304 SS - 1450 LBS.

**MIN. TORSIONAL STRENGTH**

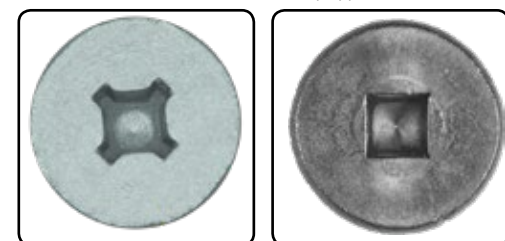
TYPE 17 - 66 IN-LBS.  
 WAFER - 66 IN-LBS.  
 304 SS - 48 IN-LBS.

**NOM. SHEAR STRENGTH**

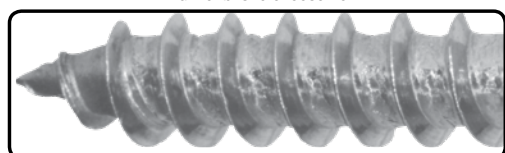
TYPE 17 - 1428 LBS.  
 WAFER - 1428 LBS.  
 304 SS - 1113 LBS.



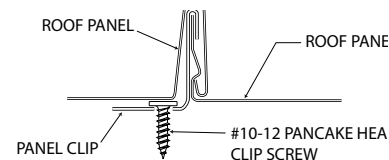
Thin Wafer Head can be used for non-clip applications. Pancake Head is best suited for roof clip applications.



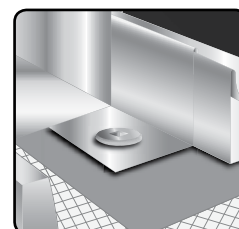
2 driver bits to choose from.



Type A point & thread design maximizes holding strength in plywood, OSB, & wood purlins.



### TYPICAL CLIP APPLICATION APPLICATIONS



\*In compliance with Dade County TAS 114 Appendix E for Ferrous Fasteners

