

TEKS®

LOW PROFILE ARCHITECTURAL METAL ROOF CLIP FASTENERS & RAKE ANGLE SHOULDER TEKS

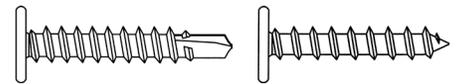
Incorporates the ITW exclusive Phillips Square-Driv® PSD anti-cam-out system.



PRODUCT FEATURES

- #12 diameter utilizes the ITW exclusive Phillips Square-Driv with patented interlocking components system.
 - Keeps the driver securely mated to the fastener during installation.
 - Hands-free installation.
- #10 Diameter uses the coated Phillips drive system providing improved driver bit to fastener stability and friction fit.
- Sharp convex drill point has precise cutting edges to improve drill performance with less effort.
- Low profile pancake head style ensures proper installation of metal roof panels.

SELECTOR GUIDE



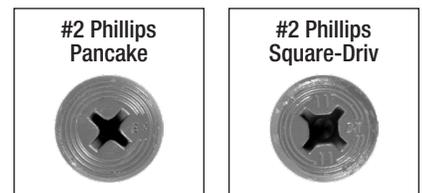
PART NO.	DESCRIPTION	HEAD STYLE	DRILL POINT	FINISH	DRILL & TAP CAPACITY (IN.)	MAX. MATERIAL ATTACHMENT (IN.)	BOX QTY	APPLICATIONS
1560553	10-16 x 1"	#2 Phillips Pancake	#3	Climacoat	.036 - .175	.550	4,000	Low profile architectural metal roof clip to steel purlin
1575553	12-14 x 1"	#2 PSD Pancake	#3	Climacoat	.036 - .210	.550	4,000	
1596553	10-16 x 1"	#2 Phillips Pancake	Type AB	Climacoat	.012 - .048	.250	4,000	Low profile architectural metal roof clip to wood supports



INSTALLATION GUIDELINES

- A standard screwgun with a depth-sensitive nosepiece should be used to install TekS. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500.
- Adjust the screwgun nosepiece to properly seat the fastener.
- The fastener is fully seated when the head is flush with the work surface.
- Overdriving may result in torsional failure of the fastener or stripout of the substrate.
- The fastener must penetrate a minimum of 3 pitches of thread beyond the metal structure.
- New magnetic sockets must be correctly set before use. Remove chip build-up as needed.

HEAD STYLES



PERFORMANCE DATA

PULLOUT VALUES - STEEL (AVERAGE LBS. ULTIMATE)									
FASTENER		STEEL GAUGE							
DIA.	PT.	26	24	22	20	18	16	14	12
#10	3	109	180	218	278	427	583	873	1406
#12	3	139	194	250	369	450	598	915	1500
#10	Type AB	192	280	360	460	568	-	-	-

PULLOUT VALUES - WOOD (AVERAGE LBS. ULTIMATE)					
FASTENER		WOOD TYPE AND THICKNESS			
DIA.	PT.	1/2" PLYWOOD	5/8" PLYWOOD	3/4" PLYWOOD	YELLOW PINE 5/8" OSB
#10	Type AB	307	487	528	1164

FASTENER VALUES				
FASTENER (DIA-TPI)	POINT	TENSILE (LBS. MIN.)	SHEAR (AVG. LBS. ULT.)	TORQUE (MIN. IN. LBS.)
10-16	3	1983	1400	78
12-14	3	2652	2000	92
10-16	Type AB	1936	1526	82

SHEAR VALUES (AVERAGE LBS. ULTIMATE)					
FASTENER		STEEL GAUGE (LAPPED)			
DIA.	PT.	20	18	16	14
#10	3	727	1164	1366	1460
#12	3	923	1279	1657	1933

SHEET STEEL GAUGES									
GAUGE NO.	26	24	22	20	18	16	14	12	
DECIMAL EQUIVALENT	.018"	.024"	.030"	.036"	.048"	.060"	.075"	.105"	

The values listed are ultimate averages achieved under laboratory conditions and apply to Buildex manufactured fasteners only. Appropriate safety factors should be applied to these values for design purposes.

