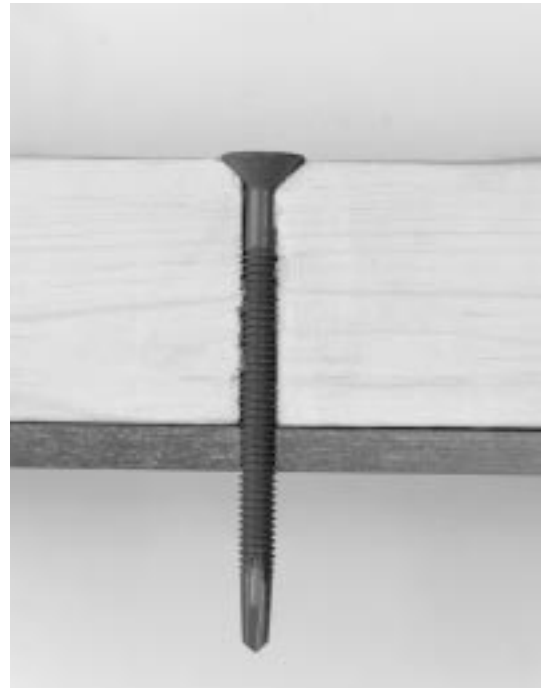
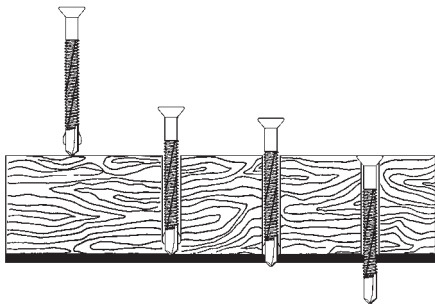






TEKS®

Wood-to-Metal Fasteners






No pre-drilling, fast, efficient attachment of wood to steel.



Applications

-  Plywood roof and floor sheet to steel frames.
-  2 x 4 headers to steel frames.
-  Plywood fascia to steel frames.
-  Wood mansard to steel frames.

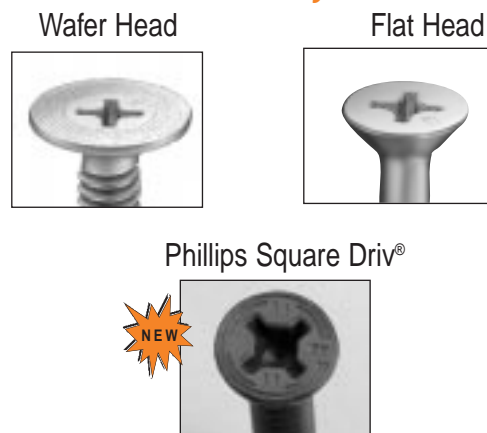
Product Features

-  Point has precise cutting edges to improve drill performance with less effort.
-  Special winged fasteners ream a hole in wood preventing thread engagement during drilling.
-  Wafer head design has a large bearing surface ideal for plywood.
-  Flat head design countersinks and seats flush in wood.
-  Gray Spex™ finish provides excellent corrosion resistance and lower tapping torque.

Product Specifications

Diameter	#10, #12 and 1/4
Thread Form	10-16 10-24 12-24 1/4-20
Head Style	#10: #2 Phillips Flat; #2 Phillips Wafer; #2 Phillips Square-Driv® Flat #12: #3 Phillips Flat 1/4: #3 Phillips Flat
Drill Point	Teks 3 Teks 4
Finish	Gray Spex™

Head Styles



Corrosion Resistance

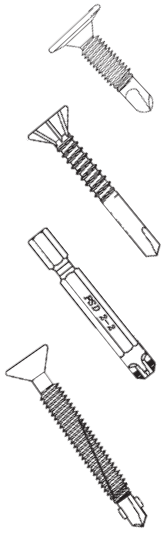
Kesternich Results (DIN 50018, 2.0L)

- 15 Cycles - 5% or less red rust

Salt Spray Results (ASTM B117)

- 300 hours - 10% or less red rust

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Wood Attachment Range	Box Qty	Applications
1077000	10-24 x 3/4"	Wafer	#3	.036-.175	1/4"-3/8"	8,000	• Plywood, mansard, fascia, roofing, flooring to steel framing.
1079000	10-24 x 1"	Wafer	#3	.036-.175	1/4"-1/2"	5,000	
1082000	10-24 x 1-7/16"	PFH	#3	.060-.175	1/4"-3/4"	3,000	
NEW 1791000	10-16 x 1-13/16"	PSD Flat**	#3	.030-.175	1/4"-3/4"	2,500	• Plywood, 2 x 4's headers to steel framing.
1588910	#2 PSD Bit					1	
NEW 1092000	12-24 x 2-1/4"	PFH*	#4	.125-.250	3/4"-1-3/8"	2,000	
NEW 1094000	12-24 x 2-3/4"	PFH*	#4	.125-.250	3/4"-1-5/8"	1,500	
NEW 1096000	1/4-20 x 3"	PFH*	#4	.125-.250	3/4"-2"	1,000	• 2 x 4's to steel framing.

*with wings **with ribs under head

☐ Now available in small box packaging.

Performance Data

PULLOUT VALUES (average lbs. ultimate)												
Fastener	Steel Gauge											
	Dia.	Pt.	26	24	22	20	18	16	14	12	3/16	1/4
#10-16	3	-	208	266	299	499	708	967	1474	-	-	
#10-24	3	-	-	-	334	495	702	900	1570	3865	4101	
#12	4	-	-	-	-	-	683	923	1508	4297	-	
1/4	4	-	-	-	-	-	788	1116	1803			

SHEET STEEL GAUGES									
Gauge No.	12	14	16	18	20	22	24	26	
Decimal Equivalent	.105"	.075"	.060"	.048"	.036"	.030"	.024"	.018"	

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.

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
10-16	1936	1400	61
10-24	2702	1500	65
12-24	3165	2200	150
1/4-20	3860	2700	168

SHEAR VALUES (average lbs. ultimate)									
Fastener	Steel Gauge (lapped)								
		Dia.	Pt.	20	18	16	14	12	1/8
#10	3	728	1266	1540	1522	-	-		
#12	4	-	-	-	-	2048	2030		
1/4	4	-	-	-	-	2650	2820		

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install Tekes. For optimal fastener performance, the screwgun should be a minimum of 4 amps and have a RPM range of 0-2000.
- Adjust the screwgun nosepiece to properly seat the fastener.
- Worn or damaged bit tip should be replaced.
- 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 beyond the metal structure a minimum of 3 pitches of thread.
- All #10 diameter "Winged" parts must be driven into a minimum of 16 GA steel thickness.
- All 1/4 and #12 diameter "Winged" parts must be driven into a minimum of 1/8" steel in order to break the wings consistently.



BUILDING IDEAS THAT WORK™
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