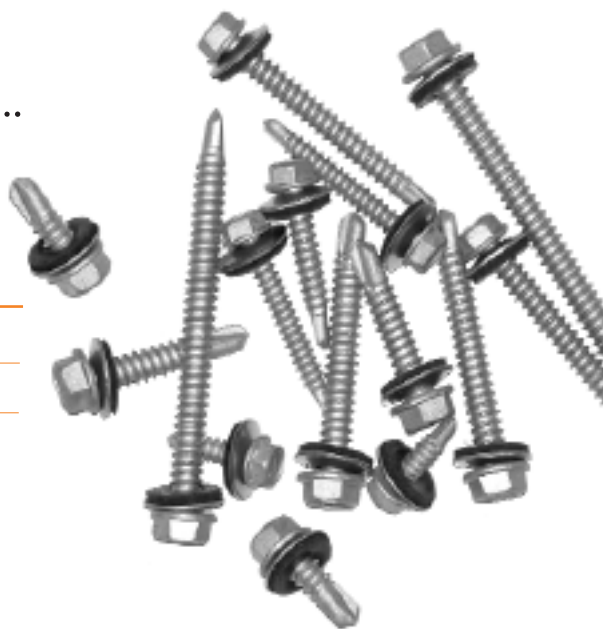







410 STAINLESS STEEL TEKS®







Self drilling fasteners with bonded washers for applications requiring extra corrosion protection.



Applications

-  Retrofit panels to steel framing.
-  Stitch roof and wall panels.
-  Brick ties to steel framing.
-  Roof panels to purlin or bar joist.
-  Wall panels to girt.
-  Mansard panel to structural.

Product Features

-  Vulcanized bonding of washer eliminates separation of EPDM from the metal backing.
-  Point to thread design maximizes pullout performance and minimizes backout.
-  Dual sealing bonded washer prevents leaks.
-  410 Stainless Steel for added corrosion protection.
-  Point has precise cutting edges to improve drill performance with less effort.
-  Corrosion resistant finish for added surface rust protection.

Product Specifications

Diameter	#10, #12, and 1/4
Thread Form	10-16
	12-14
	1/4-14
Head Style	#10: 5/16" HWH, #12: 5/16" HWH, and 1/4": 3/8" HWH
Drill Point	Teks 3
Washer Style	9/16" O.D. Bonded
Finish	Silver Climashield®

Head Style

Hex washer head with bonded washer



Selector Guide



Part #	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachment	Applications
1850000	10-16 x 3/4"	HWH	#3	.036 - .175	0.205	<ul style="list-style-type: none"> • Brick tie to steel framing. • Mansard panel to steel framing. • Roof panel to purlin. • Wall panel to girt. • Stitch roof and wall panels. • Retrofit panels to structural.
1848000	10-16 x 1-1/2"	HWH	#3	.036 - .175	0.955	
1853000	12-14 x 1"	HWH	#3	.036 - .210	0.400	
1851000	12-14 x 1-1/4"	HWH	#3	.036 - .210	0.620	
1854000	12-14 x 1-1/2"	HWH	#3	.036 - .210	0.850	
1860000	12-14 x 2"	HWH	#3	.036 - .210	1.330	
1857000	1/4-14 x 1"	HWH	#3	.036 - .210	0.280	
1861000	1/4-14 x 1-1/4"	HWH	#3	.036 - .210	0.530	
1862000	1/4-14 x 1-1/2"	HWH	#3	.036 - .210	0.780	
1882000	1/4-14 x 2"	HWH	#3	.036 - .210	1.280	
1892000	1/4-14 x 3"	HWH	#3	.036 - .210	2.280	

Performance Data


PULLOUT VALUES (avg. lbs ultimate)										
Fastener		Steel Gauge								
Dia	Pt	26	24	22	20	18	16	14	12	3/16
8	2	119	193	265	298	491	703	959		
10	3	124	208	266	299	499	708	967	1474	
12	3	131	196	258	312	452	692	1063	1631	2998
1/4	3	141	231	293	346	613	880	1145	1858	4550

FASTENER VALUES (avg. lbs ultimate)			
Fastener (dia-tpi)	Tensile (lbs min.)	Shear (avg. lbs ult.)	Torque (min. in lbs)
8-18	1545	1000	42
10-16	1936	1400	61
12-14	2778	2000	92
1/4-14	4060	2600	150


SHEAR VALUES (avg. lbs ultimate)									
Fastener		Steel Gauge (Lapped)							
Dia	Pt	26	24	22	20	18	16	14	12
8	2	294	496	560	740	1060			
10	3		455	526	728	1266	1540	1552	
12	3				769	1358	1620	1970	1986
1/4	3				930	1442	2100	2584	2650


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.

Installation Guidelines

 A standard screwgun with a depth sensitive nosepiece should be used to install Tekes. For optimal fastener performance, the screw gun should be a minimum of 6 amps and have an RPM range of 0-2500.

 Adjust the screwgun nosepiece to properly seat the fastener.

 New magnetic sockets must be correctly set before use. Remove chip build-up as needed.

 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.

Properly Seated Washers

