








410 STAINLESS STEEL TEKS®





Self drilling fasteners for applications requiring extra corrosion protection



Applications

-  Clips to structural steel or bar joist.
-  Duct work to steel framing.
-  Liner panels to structural steel or bar joist.
-  Brick ties to steel framing.
-  Accessories to structural steel or bar joist.
-  HVAC, electrical accessories to steel framing.
-  Longer length fasteners can be used in retrofit clip and sheet applications.

Product Features

-  Engineered for fast drilling and smooth tapping with less effort.
-  410 Stainless Steel for added corrosion protection.
-  Silver Climashield finish for added protection compared to standard 410 Stainless Steel products.
-  Point to thread design maximizes pullout performance and minimizes backout.

Product Specifications

Diameter	#8, #10, #12, and 1/4"
Thread Form	8-18
	10-16
	12-14
	1/4-14
Head Style	#8: 5/16" HWH, #10: 5/16" HWH, #12: 5/16" HWH, and 1/4": 3/8" HWH
Drill Point	Teks 2, Teks 3
Finish	Silver Climashield

Head Style

Hex washer head (HWH)



Selector Guide



Part #	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachment	Applications
1897000	8-18 x 1/2"	HWH	#2	.036 - .100	0.205	<ul style="list-style-type: none"> • Metal deck, clips, lines or accessories to structural steel or bar joist. • Longer fasteners can be used in retrofit clip and sheet applications.
1828000	8-18 x 5/8"	HWH	#2	.036 - .100	0.330	
1829000	8-18 x 3/4"	HWH	#2	.036 - .100	0.455	
1847000	8-18 x 1-1/4"	HWH	#2	.036 - .100	0.955	
1858000	10-16 x 1/2"	HWH	#3	.036 - .175	0.150	
1830000	10-16 x 3/4"	HWH	#3	.036 - .175	0.325	
1831000	10-16 x 1"	HWH	#3	.036 - .175	0.575	
1833000	10-16 x 1-1/2"	HWH	#3	.036 - .175	1.075	
1834000	12-14 x 3/4"	HWH	#3	.036 - .210	0.270	
1835000	12-14 x 1"	HWH	#3	.036 - .210	0.520	
1836000	12-14 x 1-1/4"	HWH	#3	.036 - .210	0.750	
1837000	12-14 x 1-1/2"	HWH	#3	.036 - .210	0.980	
1838000	12-14 x 2"	HWH	#3	.036 - .210	1.450	
1839000	12-14 x 2-1/2"	HWH	#3	.036 - .210	1.950	
1840000	12-14 x 3"	HWH	#3	.036 - .210	2.450	
1842000	1/4-14 x 3/4"	HWH	#3	.036 - .210	0.150	
1843000	1/4-14 x 1"	HWH	#3	.036 - .210	0.400	
1845000	1/4-14 x 1-1/2"	HWH	#3	.036 - .210	0.900	
1893000	1/4-14 x 2"	HWH	#3	.036 - .210	1.400	

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

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.

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

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 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.
- 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.

