



Albany Steel & Brass Corporation

Distributors of Fasteners and
Industrial / Construction Supplies Since 1918

1900 W. GRAND AVE. CHICAGO, IL 60622
PHONE: 312-733-1900 FAX: 312-733-9887

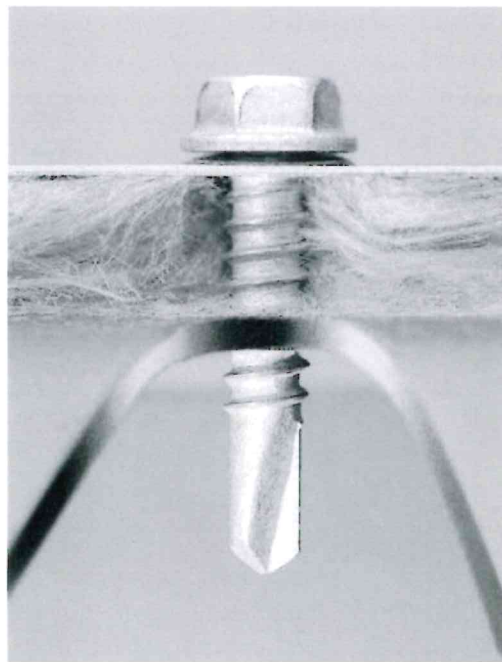
www.sales@albanysteel.com

ISO 9001-2008 www.albanysteel.com

TEKS®

Self-Drilling Fasteners

The best point ever for speed and consistency ... optimum for
medium duty steel-to-steel applications.



Applications

- Roof deck to steel framing.
- Wall panel to girt.
- Duct work to steel framing.
- Accessories to steel framing
- Roof clip to steel framing.
- Retrofit framing.
- Commercial overhead steel doors, hinges & latches.

Product Features

- Point has precise cutting edges to improve drill performance with less effort.
- Non-walking point provides fast material engagement.
- Point to thread design maximizes pullout performance and minimizes backout.
- Drills and taps in the broadest range of applications.
- Climaseal® finish provides excellent corrosion resistance and lower tapping torque.

Product Specifications

Diameter.....	#12, 1/4
Thread Form.....	12-14
	1/4-14
Head Style.....	#12: 5/16" HWH
	1/4: 3/8" HWH
	1/4 Overhead Door Fasteners
	7/16" HWH with Serrations
Drill Point.....	Teks 2
	Teks 3
Finish.....	Climaseal

Head Style



Hex Washer Head



Hex Washer Head
with Serrations

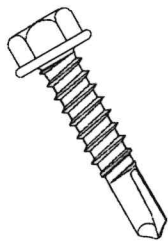
MEDIUM DUTY STEEL - TO - STEEL APPLICATIONS

Approvals and Listings

Factory Mutual (3050495), ICC ESR-3270, ICC ESR-1976

TEKS® SELF-DRILLING FASTENERS

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachment	Box Qty	Applications
1134000	12-14 x 3/4"	HWH	#3	.036-.210	.270	5,000	• Roof deck to steel framing • Wall panel to girt • Duct work to steel framing • Accessories to steel framing • Clip to steel framing • Retrofit framing
1136000	12-14 x 1"	HWH	#3	.036-.210	.520	4,000	
1120000	12-14 x 1-1/4"	HWH	#2	.036-.210	.550	4,000	
1123000	12-14 x 1-1/2"	HWH	#2	.036-.210	.800	2,500	
1140000	12-14 x 2"	HWH	#3	.036-.210	1.450	2,000	
1553000	12-14 X 2-1/2"	HWH	#3	.036-.210	1.950	1,000	
1143000	12-14 x 3"	HWH	#3	.036-.210	2.450	1,000	
1146000	12-14 x 4"	HWH	#3	.036-.210	3.450	500	
1147000	1/4-14 x 3/4"	HWH	#3	.036-.210	.210	3,000	
1149000	1/4-14 x 1"	HWH	#3	.036-.210	.400	2,500	
1150000	1/4-14 x 1-1/4"	HWH	#3	.036-.210	.650	2,000	
1152000	1/4-14 x 1-1/2"	HWH	#3	.036-.210	.900	2,000	
1155000	1/4-14 x 2"	HWH	#3	.036-.210	1.400	1,500	
1554000	1/4-14 x 2-1/2"	HWH	#3	.036-.210	1.900	1,000	
1157000	1/4-14 x 3"	HWH	#3	.036-.210	2.400	1,000	
1304000	1/4-14 x 4"	HWH	#3	.036-.210	3.400	500	
1587000	1/4-14 x 1"	*HWH	#3	.036-.210	.500	2,500	• Commercial overhead steel doors, hinges & latches.

* 7/16" Across Flats HWH with serrations under head.

Performance Data

PULLOUT VALUES (average lbs. ultimate)										
Fastener		Steel Gauge								
Dia.	Pt.	26	24	22	20	18	16	14	12	3/16
12	2	156	243	283	375	605	848	1181	1856	3520
	3	142	211	289	341	551	757	1063	1631	2998
1/4	3	141	231	293	346	613	880	1145	1858	4550

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
12-14	2778	2000	92
1/4-14	4060	2600	150

SHEAR VALUES (average lbs. ultimate)									
Fastener		Steel Gauge (lapped)							
Dia.	Pt.	26	24	22	20	18	16	14	12
12	2	365	600	623	898	1370	1758	2138	2202
	3	-	-	-	769	1358	1620	1970	1986
1/4	3	-	-	-	930	1442	2100	2584	2650

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.

Installation Guidelines



A standard screwgun with a depth sensitive nosepiece should be used to install Tek. 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.



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