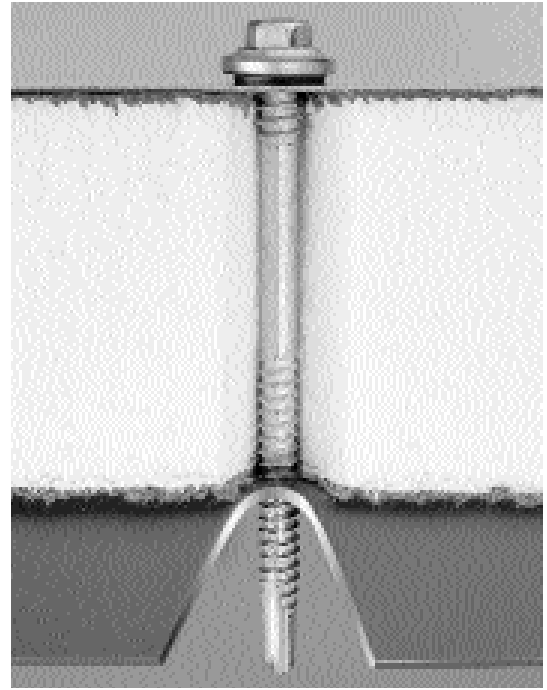


TEKS®

Exterior Rigid Insulation Fasteners

The original self-drilling fasteners designed specifically for rigid insulation.



Applications

- Roof and wall panel over rigid insulation to steel framing.
- Roof panel over spacer block and insulation to eave purlin.

Product Features

- Unique rider section stops panel jacking, point burnout and breakage.
- High thread under the head prevents panel stripout.
- Improved in place aesthetics.
- Available in Scots® and Maxiseal® headstyles.
- Maximum pullover performance.
- Excellent driving stability.
- Seals when driven at an angle.
- Fastens the broadest range of insulation thickness.
- 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.
- Climaseal® finish provides excellent corrosion resistance and lower tapping torque.

Product Specifications

Diameter.....	#12
Thread Form.....	12-14 with rider section
Head Style.....	5/16" HWH Maxiseal 5/16" HWH Scots 300 Series Stainless
Washer Style.....	9/16" O.D. Integral System
Drill Point.....	Teks 3
Finish.....	Climaseal Available with P ³ powder paint

Head Styles

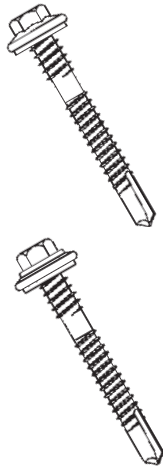
Maxiseal Head



Scots Head



Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Insulation Range	Box Qty	Application
Maxiseal[®]							
1034000	12-14 x 1-7/8"	HWH	#3	.036-.210	3/4" to 1"	1,500	• Roof and wall panel over rigid insulation to steel framing.
1036000	12-14 x 2-3/8"	HWH	#3	.036-.210	1-1/8" to 1-1/2"	1,000	
1038000	12-14 x 3-1/4"	HWH	#3	.036-.210	1-5/8" to 2-3/8"	750	
1040000	12-14 x 4"	HWH	#3	.036-.210	2-1/8" to 3"	500	
Scots[®]							
1169200	12-14 x 1-7/8"	HWH	#3	.036-.210	3/4" to 1"	1,500	• Roof panel over spacer block and insulation to eave purlin.
1170200	12-14 x 2-3/8"	HWH	#3	.036-.210	1-1/8" to 1-1/2"	1,000	
1171200	12-14 x 3-1/4"	HWH	#3	.036-.210	1-5/8" to 2-3/8"	750	
1172200	12-14 x 4"	HWH	#3	.036-.210	2-1/8" to 3"	500	

Performance Data

Pullout Values (average lbs. ultimate)										
Fastener		Steel Gauge								
Dia.	Pt.	26	24	22	20	18	16	14	12	3/16
12	3	142	211	289	341	551	757	1063	1631	2998

Fastener Values			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
12-14	2778	2000	90

Sheet Steel Gauges								
Gauge No.	12	14	16	18	20	22	24	26
Decimal Equivalent	.105"	.075"	.060"	.048"	.036"	.030"	.024"	.018"

Shear Values (average lbs. ultimate)									
Fastener		Steel Gauge (lapped)							
Dia.	Pt.	26	24	22	20	18	16	14	12
12	3	-	-	-	769	1358	1620	1970	1986

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 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.
- 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

