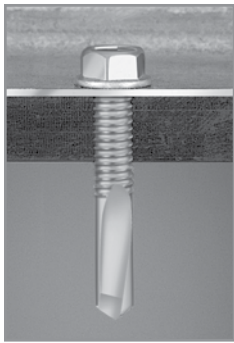




TEKS[®] CARBON SELF DRILLING FASTENERS



Heavy Duty Applications

First in performance!!

Over 30 years of consistent drilling.

The original self-drillers for heavy duty applications.

Applications

- Metal deck to structural steel or bar joist.
- Clips to structural steel or bar joist.
- Liner panels to structural steel or bar joist.
- Accessories to structural steel or bar joist.
- Longer length fasteners can be used in retrofit clip and sheet applications.

Corrosion Resistance

Kesternich Results (DIN 50018, 2.0L)

- 30 Cycles - 10% or less red rust

Salt Spray Results (ASTM B117)

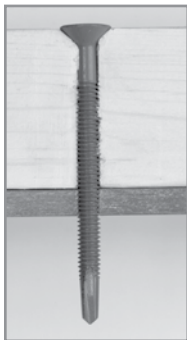
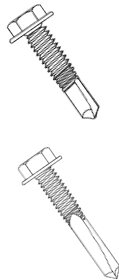
- 720 hours - 10% or less red rust

Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachment	Applications
1088000B	12-24 x 7/8"	HWH	#4	.125-.250	.325	• Metal deck, clips, liner panels or accessories to structural steel or bar joist.
1414000	12-24 x 1-1/4"	HWH	#4.5	.125-.375	.575	
1006000B	12-24 x 1-1/4"	HWH	#5	.125-.500	.375	
1070000	12-24 x 1-1/2"	HWH	#5	.125-.500	.625	• Longer fasteners can be used in retrofit clip and sheet applications.
1072000	12-24 x 2"	HWH	#5	.125-.500	1.125	
1074000	1/4-28 x 3"	*HWH	#5	.125-.500	2.150	
1075000	1/4-28 x 4"	*HWH	#5	.125-.500	3.150	
1641000	1/4-28 x 5"	HWH	#5	.125-.500	4.150	
1431000	1/4-28 x 6"	HWH	#5	.125-.500	5.150	
1590000	1/4-28 x 8"	HWH	#5	.125-.500	7.150	

Now available in small box packaging * 5/16" Across Flats HWH.
All available with bonded washer.

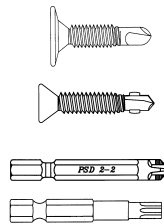
Product Features

- Unique double fluted point has precise cutting edges to improve drill performance in 1/4" thru 1/2" steel.
- Engineered for fast drilling and smooth tapping with less effort.
- Climaseal[®] finish provides excellent corrosion resistance and lower tapping torque.
- Attachments up to 7.2" of material including 1/2" steel.
- 1/4 Diameter has notched threads to reduce tapping torque.



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.

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	Wood Drill & Tap Capacity	Attachment Range	Applications
1077000	10-24 x 3/4"	Wafer	#3	.036-.175	1/4"-3/8"	Plywood, mansard, fascia, roofing, flooring to steel framing.
1079000	10-24 x 1"	Wafer	#3	.036-.175	1/4"-1/2"	
1082000 <input type="checkbox"/>	10-24 x 1-7/16"	PFH	#3	.060-.175	1/4"-3/4"	
1087000	10-16 x 1-13/16"	PFH**	#3	.030-.175	1/4"-3/4"	Plywood, 2 x 4's headers to steel framing.
1791000	10-16 x 1-13/16"	PSD Flat**	#3	.030-.175	1/4"-3/4"	
1588910	#2 PSD Bit					
1800910	T-30 Bit					
1092000 <input type="checkbox"/>	12-24 x 2-1/4"	PFH*	#4	.125-.250	3/4"-1-3/8"	
1783100	12-24 x 2-1/4"	6-Lobe Flat*	#4	.125-.250	3/4"-1-3/8"	
1094000 <input type="checkbox"/>	12-24 x 2-3/4"	PFH*	#4	.125-.250	3/4"-1-5/8"	
1784100	12-24 x 2-3/4"	6-Lobe Flat*	#4	.125-.250	3/4"-1-5/8"	
1096000 <input type="checkbox"/>	1/4-20 x 3"	PFH*	#4	.125-.250	3/4"-2"	2 x 4's to steel framing.
1785100	1/4-20 x 3"	6-Lobe Flat*	#4	.125-.250	3/4"-2"	

*with wings **with ribs under head Now available in small box packaging.

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.
- New Phillips Square Driv[®] and 6-Lobe drive systems provide superior installation stability and cam-out resistance.
- 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. Formulated for use in ACQ lumber!

Need a 1/4" diameter fastener to attach wood to light gauge metal? Use our BLAZER HEADER LG to fasten to 18 gauge or less! See page 10.

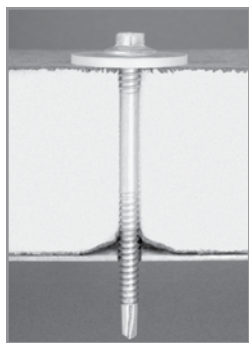




RIGID INSULATION ATTACHMENT TEKS® SELF DRILLING FASTENERS

Visit our website for the most up-to-date product and technical information!

Interior Insulation Fasteners



The only self-driller designed for this unique application.

Application

- Interior rigid and/or blanket insulation to steel frame.

Head Style

- Maxiseal Hex Washer Head with Polyethylene Washer



Selector Guide

Part Number	Description	Head Style	Drill Point	Insulation Capacity	Range	Applications
1033200	12-14 x 1-7/8"	HWH	#3	.036-.210	3/4" to 1"	• Interior Rigid Insulation to Steel Frame
1035200	12-14 x 2-3/8"	HWH	#3	.036-.210	1-1/8" to 1-1/2"	
1037200	12-14 x 3-1/4"	HWH	#3	.036-.210	1-5/8" to 2-3/8"	
1039200	12-14 x 4"	HWH	#3	.036-.210	2-1/8" to 3"	

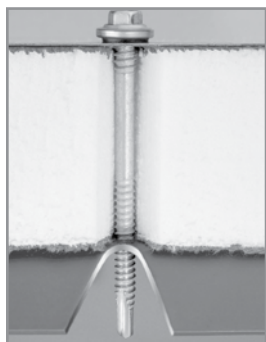
Product Features

- Large polyethylene washer prevents over driving and pullover.
- 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 back out.
- Fastens the broadest range of insulation.
- White polyethylene washer matches insulation facers.

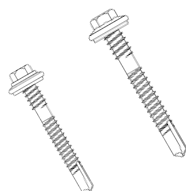
Kesternich Results (DIN 50018, 2.0L)
• 30 Cycles - 10% or less red rust

Salt Spray Results (ASTM B117)
• 720 hours - 10% or less red rust

Exterior Rigid Insulation Applications



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



Selector Guide

Part Number	Description	Head Style	Drill Point	Insulation Capacity	Range	Applications
Maxiseal®						
1034000	12-14 x 1-7/8"	HWH	#3	.036 - .210	3/4" to 1"	• 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"	
1038000	12-14 x 3-1/4"	HWH	#3	.036 - .210	1-5/8" to 2-3/8"	
1040000	12-14 x 4"	HWH	#3	.036 - .210	2-1/8" to 3"	
Scots®						
1169200	12-14 x 1-7/8"	HWH	#3	.036 - .210	3/4" to 1"	• 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"	
1171200	12-14 x 3-1/4"	HWH	#3	.036 - .210	1-5/8" to 2-3/8"	
1172200	12-14 x 4"	HWH	#3	.036 - .210	2-1/8" to 3"	

Product Features

- Unique rider section stops panel jacking, point burnout and breakage.
- High thread under the head prevents panel strip out.
- Improved in place aesthetics.
- Available in Scots® and Maxiseal® head styles.
- 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 back out.
- Climaseal® finish provides excellent corrosion resistance and lower tapping torque.

Head Styles

Maxiseal Head



Scots Head





SCOTS Stainless Cap Head Fasteners

Selector Guide



Scots 300 Stainless Steel will never rust...ever!!!

- For improved appearance and extra life an integral design controls the EPDM washer.
- Combines 300 series stainless steel exterior with the strength of carbon steel.
- 300 series stainless most preferred for galvalume long life panels.
- 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 back out.

Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachment	Applications
1165253	12-14 x 1"	HWH	#2	.036-.210	.310	• Panel over blanket insulation to steel frame.
1167253	12-14 x 1-1/4"	HWH	#2	.036-.210	.560	
1168253	12-14 x 1-1/2"	HWH	#2	.036-.210	.790	
1163000	12-24 x 2"	HWH	#5	.125-.500	1.000	• Roof curb to structural steel.
1788000	12-24 x 4"	HWH	#5	.125-.500	3.000	
1387253	1/4-14 x 7/8"	HWH	#1	.018-.095	.320	• Stitch roof and wall sidelaps. • SR endlaps. • Standing seam roof system endlaps.
1175153	1/4-14 x 1-1/8"	HWH	#1	.018-.095	.395	
1616000	1/4-14 x 1-1/4"	HWH	#3	.036-.210	.630	
1178253	1/4-14 x 3/4"	HWH	AB	-	.435	• Replacement screw for 12 and 1/4" diameter fasteners
1701000	1/4-14 x 1-1/2"	HWH	AB	-	.870	
1180225	17-14 x 1'	HWH	AB	-	.686	
1625053	17-14 x 1-1/4'	HWH	AB	-	.935	

Applications

- Panel over blanket insulation to steel frame.
- Roof curb to structural steel.
- Standing seam roof system end-laps.
- Stitch roof and wall side-laps.
- #17 diameter replacement screw for #12 and 1/4 diameter screws.

HTZ™ High Torque Zinc™ Long Life Tek® Fasteners

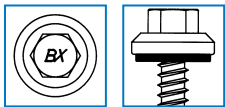


Product Specifications

Diameter #12, 14
 Thread Form. . 12-14, 1/4-14
 Point Type . . . Teks 1, Teks 2, Type AB
 Finish Silver
 Climaseal® Head Paint available

Head Styles

5/16" HWH zinc-aluminum alloy with integral washer design.



Selector Guide

Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachment	Applications
1727053	12-14 x 1"	HWH	Teks/2	.036-.210	.310	• Panel over blanket to steel frame
1725053	12-14 x 1-1/4"	HWH	Teks/2	.036-.210	.560	
1729053	12-14 x 1-1/2"	HWH	Teks/2	.036-.210	.790	
1721053	1/4-14 x 7/8"	HWH	Teks/1	.024-.095	.320	• Stitch roof and wall side laps
1723053	1/4-14 x 1-1/4"	HWH	Teks/2	.036-.210	.630	• Panel over blanket to steel frame. • Standing seam roof system end-laps.
1736053	1/4-14 x 1"	HWH	Type AB	-----	.686	• Replacement screw for 12 diameter fasteners. • Panel over blanket to steel frame in pre-drilled applications.

Product Features

- HTZ fasteners have the highest torsional head strength values in the industry ... no head failures.
- Zinc aluminum alloy head gives premium corrosion resistance ... no red rust.
- "No mar™" radius washer design will not scratch, pierce or damage panels if over driven.
- For improved appearance and extra life an integral design controls the EPDM washer ... Maximum sealing protection.
- 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 back out.
- Drills and taps in the broadest range of applications.


Sheet Steel Gauges

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

Fastener values

Fastener (dia-tpi)	Tensile (lbs.-min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
TEKS® Heavy Duty			
12-24 T-4	3020	2100	100
12-24 T/4.5	3165	2200	150
12-24 T/5	3188	2200	150
1/4-28 T/5	5577	3310	234
TEKS® Wood To Metal Fasteners			
10-16	1936	1400	61
10-24	2702	1500	65
12-24	3165	2200	150
1/4-20	3860	2700	168
TEKS® Interior and Exterior Fasteners			
12-14	2778	2000	90
MAXISEAL™, SCOTS, HTZ			
10-16	1936	1400	61
12-14	2778	2000	92
12-24 T/4	3020	2100	100
12-24 T/5	3188	2200	150
1/4-14	4060	2600	150

Pullout Values (average lbs. ultimate)

Dia.	Pt.	26	24	22	20	18	16	14	12	3/16	1/4
TEKS® Heavy Duty											
Fastener Steel Gauge											
12	4								1532	3485	4013
	4.5								1508	3865	4101
	5								1527	3701	3999
1/4	5								1507	3300	5059
TEKS® Wood To Metal Fasteners											
Fastener Steel Gauge											
#10-16	3	-	208	266	299	499	708	967	1474	-	-
#12	4	-	-	-	-	-	683	923	1508	3865	4101
1/4	4	-	-	-	-	-	788	1116	1803	4297	-
TEKS® Interior and Exterior Fasteners											
Fastener Steel Gauge											
12	3	142	211	289	341	551	757	1063	1631	2998	-
MAXISEAL™, SCOTS, HTZ											
Fastener Steel Gauge											
10	3	124	208	266	299	499	708	967	1474	-	-
12	2	156	243	283	375	605	848	1181	1856	3520	-
	3	142	211	289	341	551	757	1063	1631	2998	-
	4	-	-	-	-	-	697	986	1532	3485	4013
	5	-	-	-	-	-	-	-	1527	3701	3999
1/4	1	208	329	428	562	800	1151	-	1858	4550	-
	3	141	231	293	346	613	880	1145	1690	3446	-
	AB	235	365	496	597	702	926	1180	1716	3523	-
17	AB	225	261	350	442	553	752	1122	-	-	-

Shear Values (average lbs. ultimate)

Dia.	Pt.	26	24	22	20	18	16	14	12	3/16	1/4
TEKS® Heavy Duty											
Fastener Steel Gauge (lapped)											
12	4								2048	2030	-
	4.5								2641	2887	2897
	5								2650	2700	2762
1/4	5						1597	2005	2350	2792	3310
TEKS® Wood To Metal Fasteners											
Fastener Steel Gauge (lapped)											
#10-16	3				728	1266	1540	1522	-	-	-
#12	4				-	-	-	-	2148	2030	-
1/4	4				-	-	-	-	2650	2820	-
TEKS® Interior and Exterior Fasteners											
Fastener Steel Gauge (lapped)											
12	3	-	-	-	769	1358	1620	1970	1986	-	-
MAXISEAL™, SCOTS, HTZ											
Fastener Steel Gauge											
#10	3	-	445	526	728	1266	1540	1552	-	-	-
#12	2	365	600	623	898	1370	1758	2138	-	-	-
	3	-	-	-	769	1358	1620	1970	1986	-	-
	4	-	-	-	-	-	-	-	2048	-	-
	5	-	-	-	-	-	-	-	2650	-	-
1/4	1	511	849	885	1244	1765	-	-	-	-	-
	3	-	-	-	930	1442	2100	2584	2650	-	-
	AB	422	482	669	889	1157	-	-	-	-	-
#17	AB	459	745	989	958	1415	-	-	-	-	-