

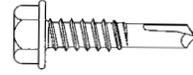
2019 PRODUCT CATALOG

SELECTOR GUIDE

APPLICATION AND PRODUCT

4 LIGHT DUTY STEEL-TO-STEEL APPLICATIONS

- #8, #10, and 1/4 diameter Teks 1, 2, and 3 drill points
- Hex head



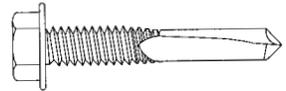
6 MEDIUM DUTY STEEL-TO-STEEL APPLICATIONS

- #12 and 1/4 diameter Teks 2 and 3 drill points
- Hex head



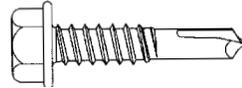
8 HEAVY DUTY STEEL-TO-STEEL APPLICATIONS

- #12, and 1/4 diameter Teks 4, 4.5, and 5 drill points
- Hex head



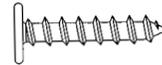
10 ATTACHING SIMILAR OR DISSIMILAR METAL APPLICATIONS

- #10, #12 and 1/4" diameter Teks 3 and 4 points
- Hex head



12 LOW PROFILE ARCHITECTURAL APPLICATIONS

- #10 and #12 diameter Teks 3 and Type AB points
- Pancake and Hex heads



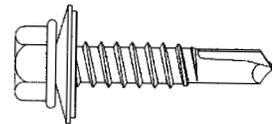
14 WOOD-TO-METAL APPLICATIONS

- #10, #12, and 1/4 diameter Teks 3 and 4 drill points
- Wafer, Phillips flat, and Phillips Square-Drive® heads



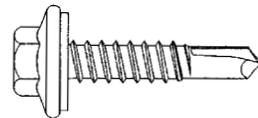
16 METAL ROOF AND WALL APPLICATIONS

- #10, #12, and 1/4 diameter Teks 1, 2, 3, 4, 4.5 and 5 drill points
- Hex with bonded washer



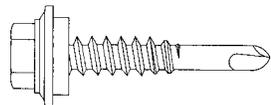
18 PREMIUM METAL ROOF/WALL APPLICATIONS

- #10, #12, and 1/4 diameter Teks 1, 2, 3, and 5 drill points
- 1/4 and #17 diameter Type AB sharp point
- Maxiseal® integral washer system



20 LONG LIFE METAL ROOF AND WALL APPLICATIONS

- #12 and 1/4 diameter Teks 1, 2, 3, and 5 drill points
- 1/4 and #17 diameter Type AB sharp point
- Scots® 300SS encapsulated head with Maxiseal integral washer system



SELECTOR GUIDE

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HIGH TORQUE ZINC DIE CAST

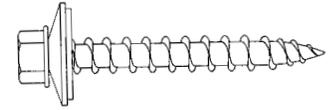
- #12 and 1/4 diameter Tekes® 1 and 2 drill points
- Maxiseal® integral washer system
- Zinc aluminum alloy



24

METAL-TO-WOOD APPLICATIONS

- #9 and #12 diameter, gimlet point #10 and #14 diameter Hi-Lo Type 17 point Trugrip™
- Hex with or without bonded washer



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POST FRAME APPLICATIONS

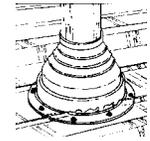
- #10 Hi-Lo Type 17 point Scots Trugrip



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PIPE FLASHING APPLICATIONS

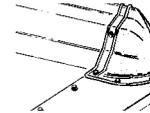
- Dektite® and Retrofit Dektite®
- EPDM and silicone for 1/4" to 13" pipes



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METAL ROOF END CAP FLASHING APPLICATIONS

- Dek-Cap™ standing seam roof end cap flashing



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DRYWALL ANCHOR APPLICATIONS

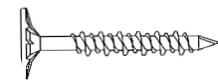
- E-Z Ancor®, Stud Solver™, Plastic Plus™, E-Z Toggle™, E-Z Lite™, Twist-N-Lock™



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CEMENT BOARD APPLICATIONS

- Hi-Lo® and S-12® Rock-On™ screws
- Countersinking wafer head



36

EXTERIOR WOOD APPLICATIONS

- #6, #7, #8, and #10 diameter Dec-King™ screws



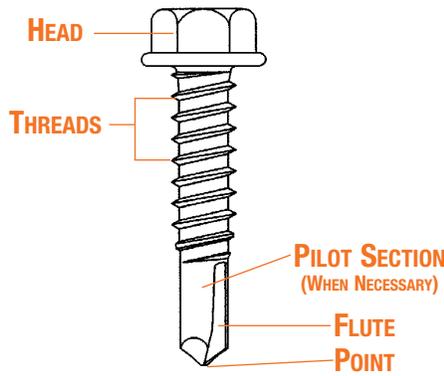
TEKS® FASTENER FEATURES

HEAD

Proper head style choice will ensure stability during driving, proper clamping and desired finished appearance.

THREAD FORM AND DIAMETER

The correct choice of thread form and diameter optimizes low installation torque with high pullout strength.



PILOT SECTION

The unthreaded portion of the point assures that the drilling of the steel is completed before the threads begin tapping into the drilled hole.

POINT

The point is designed to efficiently remove material and precisely size the hole for the thread.

FINISH: Platings and coatings provide lubricity during drilling and tapping as well as corrosion resistance.

FASTENER DESCRIPTION AND BREAKDOWN EXAMPLE

10	-	16	x	3/4"	HWH	TEKS/3
Nominal Screw Size		Threads Per Inch		Screw Length	Head Style	Drill Point Type

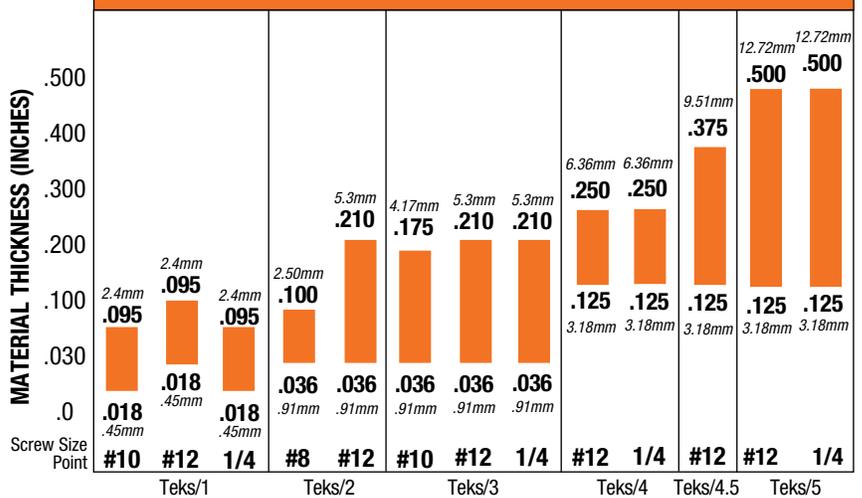
NOMINAL SCREW SIZES

THREAD DIAMETER	DECIMAL EQUIVALENT
#6	.140
#7	.150
#8	.160
#9	.180
#10	.190
#11	.200
#12	.210
#13	.230
#14	.240
1/4	.250
#17	.286

STEEL GAUGE CHART

COMMON SHEET STEEL GAUGES	DECIMAL EQ.	
	INCHES	MM
30	.012	.30
28	.015	.38
26	.018	.45
24	.024	.61
22	.030	.76
20	.036	.91
18	.048	1.21
16	.060	1.52
14	.075	1.90
12	.105	2.65
1/8	.125	3.18
10	.134	3.42
3/16	.187	4.77
1/4	.250	6.36
1/2	.500	12.72

DRILL AND TAP MATERIAL THICKNESS CHART



*Drill & tap capacities may vary with special feature designs. Refer to product reports for specifics.

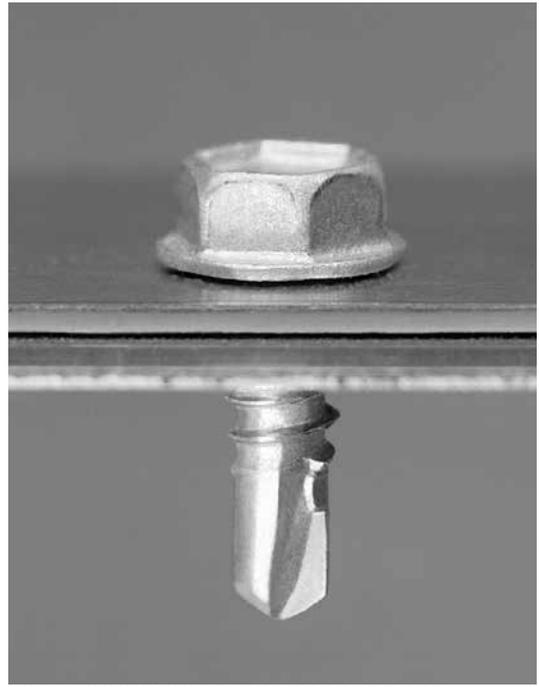
Warranty Information

Proper fastener connection design takes into account where and how fasteners are used. Allowance for special characteristics in materials, differences in types of materials being joined, unique or unusual environmental service or installation conditions, and the safety factors required by anticipating normal or short term loading conditions must be considered. Due to possible differences in specifications, applications and interpretation of results, purchasers and specifiers must make their own evaluation of the products, to determine the suitability of these products for intended use. All warranties of Buildex products, expressed or implied, including the warranties of mechanability and fitness for particular purposes are specifically excluded except for the following: Buildex will repair or replace any product which, within twelve months after sale by Buildex or its distributors, is found by Buildex to be defective in material or workmanship -- normal wear and tear expected. This is the sole warranty of Buildex and the sole remedy available to distributor or buyer. Buildex shall not be liable for any injury, loss or damage, direct, indirect, incidental or consequential, arising out of the use of, or the inability to use, any Buildex product.

TEKS[®]

Self-Drilling Fasteners

Preferred most by electrical, decking, HVAC and metal building contractors.



Applications

- Stitch roof deck and wall panel sidelaps.
- HVAC, electrical trim accessories to steel framing.
- Residential steel frame construction.
- Brick ties to steel framing.
- Track to stud and stud splicing.
- Hat channel to stud.

Product Features

- Sharp convex drill point has precise cutting edges to improve drill performance with less effort.
- Non-walking point provides fast material engagement.
- Unique point to thread design extrudes the metal preventing stripout.
- Point to thread design maximizes pullout performance and minimizes backout.
- Four head styles available to handle various applications.
- Climaseal[®] finish provides excellent corrosion resistance and lower tapping torque.

Product Specifications

Diameter.....#8, #10, and 1/4
Thread Form.....8-18
 10-16, 10-24
 1/4-14
Head Style.....#8: 1/4" HWH
 #10: 5/16" HWH
 #10: 5/16" HWH with Serrations
 #2 Phillips Pan
 #12: 5/16" HWH
 1/4: 5/16" HWH
Drill Point.....Teks 1
 Teks 2
 Teks 3
Finish.....#8 & #10, Electro-zinc
 #10 and 1/4, Climaseal

Head Styles



Hex Washer Hex



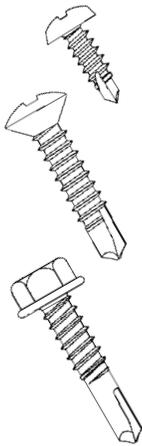
Hex Washer Hex with Serrations

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 Attachments	Box Qty	Applications
1196200	8-18 x 1/2"	HWH	#2	.036-.100	.205	10,000	• HVAC, electrical trim accessories to steel framing
1107053	10-16 x 3/4"	HWH	#1	.018-.095	.220	5,000	• Stitching roof deck, wall panel sidelaps or duct work
1399053	1/4-14 x 7/8"	HWH	#1	.018-.095	.380	5,000	
1397000	10-16 x 1/2"	HWH	#3	.036-.175	.150	5,000	• Clips, duct straps, brick ties or accessories to steel framing
1127000	10-16 x 5/8"	HWH	#3	.036-.175	.200	5,000	
1128000	10-16 x 3/4"	HWH	#3	.036-.175	.325	5,000	
1129000	10-16 x 1"	HWH	#3	.036-.175	.575	5,000	
1130000	10-16 x 1-1/4"	HWH	#3	.036-.175	.825	4,000	
1131000	10-16 x 1-1/2"	HWH	#3	.036-.175	1.075	3,000	
1550000	10-24 x 3/4"	HWH	#3	.036-.175	.323	5,000	
†1786200	10-24 x 5/8"	*HWH	#2	.036-.175	.200	5,000	• Vibration resistance; HVAC Applications.
†1821200	10-16 x 3/4"	*HWH	#3	.036-.175	.323	5,000	

* With serrations under head

† Electro-zinc finish

Performance Data

PULLOUT VALUES (average lbs. ultimate)									
Fastener		Steel Gauge							
Dia.	Pt.	26	24	22	20	18	16	14	12
#8	2	119	193	265	298	491	703	959	—
#10-16	1	148	241	311	357	565	826	1111	1796
	3	124	208	266	299	499	708	967	1474
#12	1	159	261	338	390	649	908	1259	1949
1/4	1	208	329	428	562	800	1151	—	—

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
8-18	1545	1000	42
10-16	1936	1400	61
10-24	2702	1500	65
12-14	2778	2000	92
1/4-14	4060	2600	150

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.

SHEAR VALUES (average lbs. ultimate)									
Fastener		Steel Gauge (lapped)							
Dia.	Pt.	26	24	22	20	18	16	14	
#8	2	294	496	560	740	1060	—	—	
#10	1	398	584	659	884	1374	—	552	
	3	—	455	526	728	1266	1540	—	
#12	1	432	703	753	1018	1452	—	—	
1/4	1	511	849	885	1244	1764	—	—	

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 4 amps and have a 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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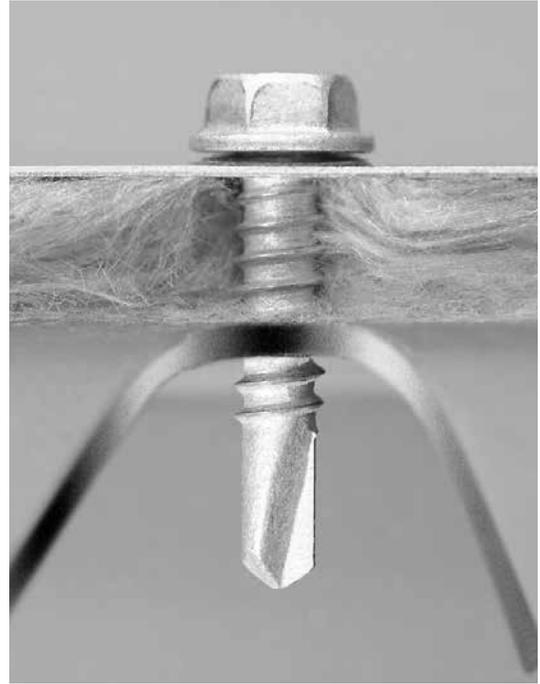
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TEKS®

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



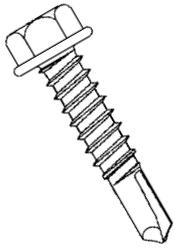
Hex Washer Head with Serrations

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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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

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	

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

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 TekS. 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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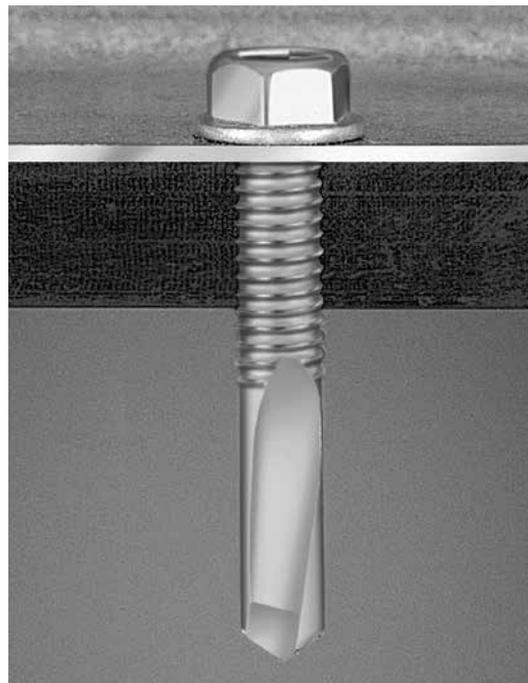
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TEKS®

Self-Drilling Fasteners

First in performance!! Over 40 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.

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.

Product Specifications

Diameter	#12, 1/4
Thread Form	12-24, 1/4-28
Head Style	#12: 5/16" HWH
	1/4: 5/16" HWH
	1/4: 3/8" HWH
Drill Point	Teks 4
	Teks 4.5
	Teks 5
Finish	Climaseal

Head Style



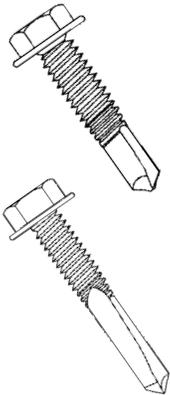
Hex Washer Head

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
1088000	12-24 x 7/8"	*HWH	#4	.125-.250	.325	5,000	<ul style="list-style-type: none"> • Metal deck, clips, liner panels or accessories to structural steel or bar joist. • Longer fasteners can be used in retrofit clip and sheet applications.
1414000	12-24 x 1-1/4"	*HWH	#4.5	.125-.375	.575	4,000	
1006000	12-24 x 1-1/4"	*HWH	#5	.125-.500	.375	4,000	
1070000	12-24 x 1-1/2"	*HWH	#5	.125-.500	.625	2,500	
1071000	12-24 x 1-1/2"	**HWH	#5	.125-.500	.625	2,500	
1072000	12-24 x 2"	*HWH	#5	.125-.500	1.125	2,000	
1074000	1/4-28 x 3"	*HWH	#5	.125-.500	2.150	1,000	
1075000	1/4-28 x 4"	*HWH	#5	.125-.500	3.150	500	
1641000	1/4-28 x 5"	**HWH	#5	.125-.500	4.150	250	
1431000	1/4-28 x 6"	**HWH	#5	.125-.500	5.150	250	
1590000	1/4-28 x 8"	**HWH	#5	.125-.500	7.150	150	

All available with bonded washer.

* 5/16" Across Flats HWH ** 3/8" Across Flats HWH

Performance Data

PULLOUT VALUES (average lbs. ultimate)						
Fastener		Steel Gauge				
Dia.	Pt.	16	14	12	3/16	1/4
12	4	-	-	1532	3485	3844
	4.5	-	-	1508	3865	4101
	5	-	-	1527	3701	3999
1/4	5	-	-	1507	3300	5059

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
12-24 T/4	3020	2100	100
12-24 T/4.5	3020	2100	100
12-24 T/5	3020	2100	100
1/4-28 T/5	5577	3310	234

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

SHEAR VALUES (average lbs. ultimate)						
Fastener		Steel Gauge (lapped)				
Dia.	Pt.	16	14	12	1/8	1/4
12	4	-	-	2048	2030	-
	4.5	-	-	2641	2887	2897
	5	-	-	2650	2700	2762
1/4	5	1597	2005	2350	2792	3310

Note: Teks fasteners are not categorized as structural bolts. Proper design criteria and strengths must be used for satisfactory application. 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 Teks. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500. (Maximum 1800 RPM is recommended for Teks 5 fasteners).
- 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.



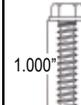
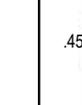
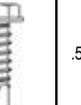
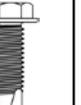
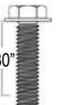
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TEKS SELF-DRILLING FASTENERS

Selector Guide / Performance Data

Part Number	1076000	1080000	1114000	1117000	1119000	1124000	1125000	1078000	1126000
Description	10-16 x 3/4"	12-14 x 1"	12-14 x 1-1/2"	12-14 x 2"	1/4-14 x 1"	1/4-20 x 1-1/8"	1/4-20 x 1-1/2"	1/4-20 x 2"	1/4-20 x 2-1/2"
Head Style	HWH	HWH	HWH						
Drill Point	3	3	3	3	3	4	4	4	4
Drilling Cap	.150"	.187"	.187"	.187"	.210"	.312"	.312"	.312"	.312"
Max Load Bearing Area*									
Installation Tool	Use a 5/16" Drive Socket	Use a 5/16" Drive Socket	Use a 5/16" Drive Socket						

PULLOUT VALUES (AVERAGE LBS. ULTIMATE)

STEEL GAUGE	ksi									
		18	45.5	401	400	400	400	475		
16	63	699	561	561	561	631	827	827	827	827
14	55.5	1010	964	964	964	1062	1258	1258	1258	1258
12	63	1680	1516	1516	1516	1878	1946	1946	1946	1946
1/8	56.9	2183	2149	2149	2149	2320	2685	2685	2685	2685
3/16	65.3		2877	2877	2877	3668	3572	3572	3572	3572
1/4	48.1						4719	4719	4719	4719
5/16	49.1						4699	4699	4699	4699
ALUMINUM 6063-T5	1/8	32.4	745	1008	1008	1008	1017	970	970	970
	1/4	32.1		2543	2543	2543	3080	2760	2760	2760
	3/8	27.7						3851	3851	3851

SHEAR VALUES (AVERAGE LBS. ULTIMATE)

STEEL GAUGE*	18-18	996	965	965	965	1100	1026	1026	1026	1026
	18-14	1872	1803	1803	1803	2132	2089	2089	2089	2089
	16-16	1331	1360	1360	1360	1414	1359	1359	1359	1359
	14-14		1815	1815	1815	2439	2357	2357	2357	2357
	1/8-3/16					2636	2748	2748	2748	2748
	3/16-1/4						2881	2881	2881	2881
	12-1/4						2843	2843	2843	2843
ALUMINUM 6063-T5	1/8-1/8	1526	1846	1846	1846	2087	2106	2106	2106	2106
	1/8-1/4		2488	2488	2488	3328	3062	3062	3062	3062

MECHANICAL PROPERTIES

Yield Strength, F _y Ksi (MPa)	134 ksi 920 Mpa									
Tensile Strength F _u Ksi (MPa)	152 ksi 1054 Mpa									

* IMPORTANT: Maximum load bearing area is indicated by brackets. ** KSI values are the same as listed in the Pullout Values table.

*** Undercut Phillips Flat Head

Installation Guidelines

 The screws must be installed perpendicular to the work surface using a screw driving tool. The installation speed for 1/4" screws should not exceed 1,800 RPM. The installation speed for all other screws should not exceed 2,500 RPM.

 Overdriving may result in torsional failure of the fastener or stripout of the substrate.

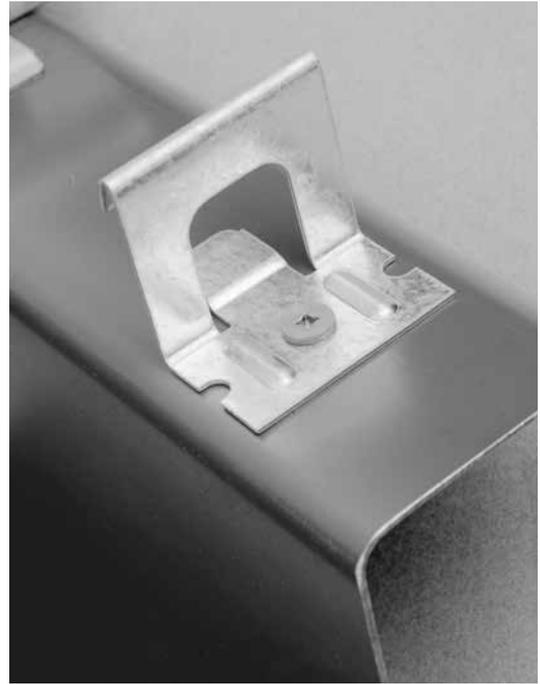
 The screw must penetrate through the supporting metal with a minimum of three threads protruding past the back side of the supporting metal, or the length which ensures that only the load-bearing area of the screw is engaged in the material being fastened, whichever is greater.

 The fastener must penetrate beyond the metal structure a minimum of 3 threads.

TEKS®

Low Profile Architectural Metal Roof Clip Fasteners & Rake Angle Shoulder Tekes

Incorporates the ITW exclusive Phillips Square-Drive® anti-cam-out system.



Applications

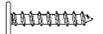
-  Low profile architectural metal roof clips to steel purlin.
-  Low profile architectural metal roof clips to wood supports.

Product Features

-  #12 diameter utilizes the ITW exclusive Phillips Square-Drive with patented interlocking components system.
 - Keeps the driver securely mated to the fastener during installation.
 - Hands-free installation.
-  Sharp convex drill point has precise cutting edges to improve drill performance with less effort.
-  Low profile pancake head style ensures proper installation of metal roof panels.
-  #10 Diameter uses the coated Phillips drive system providing improved driver bit to fastener stability and friction fit.

Product Specifications

Low Profile

Diameter	#10, #12
Thread Form	10-16 (Teks 3), 10-16 (Type AB) 12-14 (Teks 3)
Head Style	#10: #2 Phillips Pancake #12: #2 Phillips Square-Drive® Pancake
Drill Point	Teks® 3  Type AB 
Finish	Climacoat (Type AB) Gray Spex (Teks 3)

Head Styles

-  #2 Phillips Square-Drive
-  #2 Phillips Pancake

TEKS® SELF-DRILLING FASTENERS

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachment	Box Qty	Applications
1560553	10-16 x 1"	#2 Phillips Pancake	#3	.036-.175	.550	4,000	• Low profile architectural metal roof clip to steel purlin
1575553	12-14 x 1"	#2 PSD Pancake	#3	.036-.210	.550	4,000	
1596553	10-16 x 1"	#2 Phillips Pancake	Type AB	.012-.048	.250	4,000	• Low profile architectural metal roof clip to wood supports
1640553	10-16 x 1-1/2"	#2 Phillips Pancake	Type AB	.012-.048	.750	2,500	

Performance Data

PULLOUT VALUES (average lbs. ultimate)									
Fastener		Steel Gauge							
Dia.	Pt.	26	24	22	20	18	16	14	12
#10	3	109	180	218	278	427	583	873	1406
#12	3	139	194	250	369	450	598	915	1500
#10	TypeAB	192	280	360	460	568	-	-	-
#12	TypeAB	193	300	387	464	621	-	-	-
1/4	3	141	231	293	346	613	880	1145	1858

SHEAR VALUES (average lbs. ultimate)					
Fastener		Steel Gauge (lapped)			
Dia.	Pt.	20 gauge	18 gauge	16 gauge	14 gauge
#10	3	727	1164	1366	1460
#12	3	923	1279	1657	1933

PULLOUT VALUES (average lbs. ultimate)							
Fastener		Wood Type & Thickness					
Dia.	Pt.	1/2" Plywood	5/8" Plywood	3/4" Plywood	Yellow Pine	5/8" OSB	5/8" OSB
#10	TypeAB	307	487	528	1164	223	341
#12	TypeAB	377	395	427	675	-	326

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

FASTENER VALUES				
Fastener (dia-tpi)	Point	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
10-16	3	1983	1400	78
12-14	3	2652	2000	92
10-16	Type AB	1936	1526	82
12-14	Type AB	3634	1994	132

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.
- 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 a minimum of 3 pitches of thread beyond the metal structure.
- New magnetic sockets must be correctly set before use. Remove chip build-up as needed.



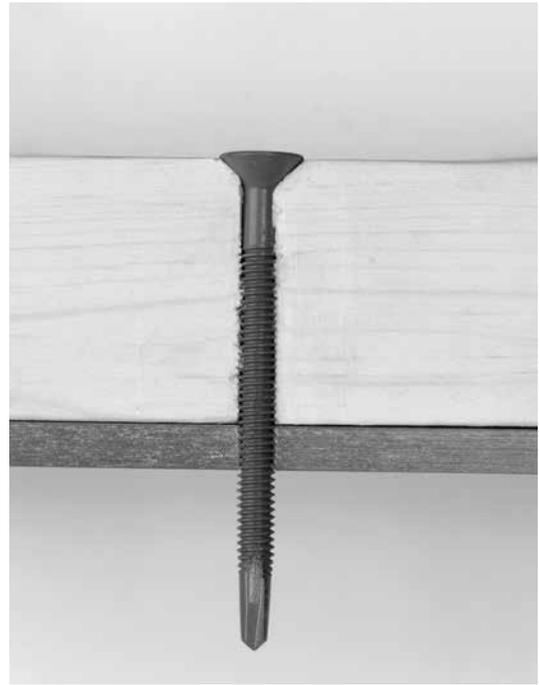
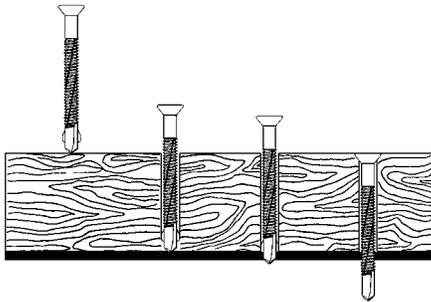
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Wood-to-Metal Fasteners

No pre-drilling, fast, efficient attachment of wood to steel.



Applications

- Plywood roof and floor sheet to steel frames.
- Plywood fascia to steel frames.

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.
- 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.
- Compatible with ACQ treated wood.

Product Specifications

Diameter	#10, #12 and 1/4
Thread Form	10-16
	10-24
	12-24
	1/4-20
Head Style	#10: #2 Phillips Flat; #2 Phillips
	#10: #2 Phillips Square-Driv® Flat
	#12: #3 Phillips Flat
	1/4: #3 Phillips Flat
Drill Point	Teks 3
	Teks 4
Finish	Gray Spex

Head Styles



Wafer Head



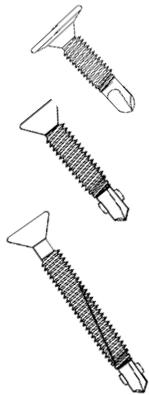
Phillips Flat Head



Phillips Square Driv®

TEKS® WOOD-TO-METAL SELF-DRILLING FASTENERS

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachments	Box Qty	Applications
1791000	10-16 x 1-13/16"	**PSD Flat	#3	.030-.175	1/4"-3/4"	2,500	• Plywood, mansard, fascia, roofing, flooring to steel framing
1079000	10-24 x 1"	Wafer	#3	.036-.175	1/4"-1/2"	5,000	
1548500	10-24 x 1-1/2"	PFH	#3	.036-.175	1/4"-1"	3,000	
1644100	10-24 x 1-1/2"	Wafer	#3	.036-.175	1/4"-1"	3,000	
1082000	10-24 x 1-7/16"	*PFH	#3	.060-.175	1/4"-3/4"	3,000	
1552500	12-24 x 1-5/8"	*PFH	#4	.125-.250	3/4"-1-1/8"	2,500	• Plywood, 2 x 4's headers to steel framing
1092000	12-24 x 2-1/4"	*PFH	#4	.125-.250	3/4"-1-3/8"	2,000	
1094000	12-24 x 2-3/4"	*PFH	#4	.125-.250	3/4"-1-5/8"	1,500	• 2 x 4's to steel framing
1096000	1/4-20 x 3"	*PFH	#4	.125-.250	3/4"-2"	1,000	

* With wings

** With ribs under head

Performance Data

PULLOUT VALUES (average lbs. ultimate)												
Fastener	Steel Gauge											
	Dia.	Pt.	26	24	22	20	18	16	14	12	3/16	1/4
#10-16	3	-	208	266	299	499	708	967	1474	-	-	-
#10-24	3	-	-	-	334	495	702	900	1570	-	-	-
#12	4	-	-	-	-	-	-	-	1508	3865	4101	-
1/4	4	-	-	-	-	-	-	-	1803	4297	-	-

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
10-16	1936	1400	61
10-24	2702	1500	65
12-24	3165	2200	150
1/4-20	3860	2700	168

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.

SHEAR VALUES (average lbs. ultimate)							
Fastener		Steel Gauge (lapped)					
Dia.	Pt.	20	18	16	14	12	1/8
#10	3	728	1266	1540	1522	-	-
#12	4	-	-	-	-	2048	2030
1/4	4	-	-	-	-	2650	2820

Installation Guidelines

- A standard screwgun with a depth sensitive nosepiece should be used to install TekS. 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.
- Worn or damaged bit tip should be replaced.
- 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.
- All #10 diameter "Winged" parts must be driven into a minimum of 16 GA steel thickness.
- All 1/4 and #12 diameter "Winged" parts must be driven into a minimum of 1/8" steel in order to break the wings consistently.



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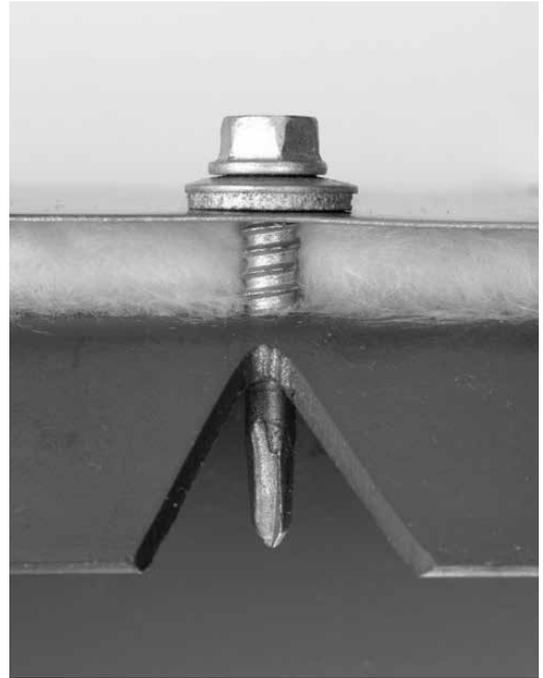
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TEKS®

Self-Drilling Fasteners With Bonded Washer

For weather-tight sealing of roof and wall applications.



Applications

-  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.
-  Dual sealing bonded washer prevents leaks.
-  Climaseal® finish provides excellent corrosion resistance and lower tapping torque.
-  Point has precise cutting edges to improve drill performance with less effort.
-  Point to thread design maximizes pullout performance and minimizes backout.

Product Specifications

Diameter	#10, #12 & 1/4
Thread Form	10-16
	12-14
	12-24
	1/4-14
	1/4-28
Head Style	#10: 5/16" HWH
	#12: 5/16" HWH
	1/4 (stitch): 5/16" HWH
	1/4: 3/8" HWH
Washer Style	Galvanized (G-90)
Drill Point	Teks 1
	Teks 2
	Teks 3
	Teks 4
	Teks 4.5
	Teks 5
Finishes	Climaseal
Select Sizes	available with P ³ Powder Paint

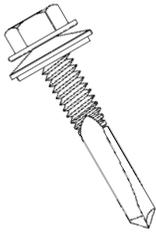
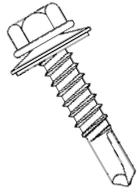
Head Style



Hex Washer Head with Bonded Washer

TEKS® SELF-DRILLING FASTENERS WITH 9/16" BONDED WASHER

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachments	Box Qty	Applications
1005000	10-16 x 3/4"	HWH	#3	.036 - .175	.205	3,000	<ul style="list-style-type: none"> • Brick tie to steel framing • Wall panel to girt • Stitch roof and wall panels • Mansard panel to steel framing • Roof panel to purlin • Retrofit panels to structural
1308000	10-16 x 1-1/2"	HWH	#3	.036 - .175	.955	2,500	
1009000	12-14 x 3/4"	HWH	#3	.036 - .210	.150	3,000	
1011000	12-14 x 1"	HWH	#3	.036 - .210	.400	3,000	
1404000	12-14 x 1-1/2"	HWH	#2	.036 - .210	.680	2,000	
1016000	12-14 x 2"	HWH	#3	.036 - .210	1.330	1,500	
1333000	12-14 x 3"	HWH	#3	.036 - .210	2.330	1,000	
1332000	12-14 x 4"	HWH	#3	.036 - .210	3.330	500	
1416000	1/4-14 x 7/8"	HWH	#1	.018 - .095	.260	3,000	
1160000	1/4-14 x 1"	HWH	#3	.036 - .210	.280	2,500	
1019000	1/4-14 x 1-1/4"	HWH	#3	.036 - .210	.530	2,000	
1020000	1/4-14 x 1-1/2"	HWH	#3	.036 - .210	.780	1,500	
1021000	1/4-14 x 2"	HWH	#3	.036 - .210	1.280	1,000	
1555000	1/4-14 X 2-1/2"	HWH	#3	.036 - .210	1.780	1,000	
1429000	1/4-14 x 4"	HWH	#3	.036 - .210	3.280	500	
1010000	12-24 x 7/8"	HWH	#4	.125 - .250	.205	3,000	
1415000	12-24 x 1-1/4"	HWH	#4.5	.125 - .375	.455	2,500	<ul style="list-style-type: none"> • Longer fasteners may be used in retrofit applications
1000000	12-24 x 1-1/4"	HWH	#5	.125 - .500	.255	2,500	
1001000	12-24 x 1-1/2"	HWH	#5	.125 - .500	.505	2,000	
1002000	12-24 x 2"	HWH	#5	.125 - .500	1.005	1,500	
1003000	1/4-28 x 3"	**HWH	#5	.125 - .500	2.030	1,000	
1004000	1/4-28 x 4"	**HWH	#5	.125 - .500	3.030	500	
1647000	1/4-28 x 5"	*HWH	#5	.125 - .500	4.030	250	
1619000	1/4-28 x 8"	*HWH	#5	.125 - .500	7.030	150	

* 3/4" Bonded washer ** 5/16" Across Flats HWH

Performance Data

PULLOUT VALUES (average lbs. ultimate)											
Fastener		Steel Gauge									
Dia.	Pt.	26	24	22	20	18	16	14	12	3/16	1/4
10	3	124	208	266	299	499	708	967	1474	-	-
	12	2	156	243	283	375	605	848	1181	1856	3520
12	3	142	211	289	341	551	757	1063	1631	2998	-
	4	-	-	-	-	-	-	-	1532	3485	3844
	4.5	-	-	-	-	-	-	-	1508	3865	4104
1/4	5	-	-	-	-	-	-	-	1527	3701	3999
	1	208	329	428	562	800	1151	-	-	-	-
	3	141	231	293	346	613	880	1145	1877	4550	-
	5	-	-	-	-	607	918	1507	3300	5059	-

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
10-16	1936	1400	61
12-14	2778	2000	92
12-24	3020	2100	100
1/4-14	4060	2600	150
1/4-28	5577	3310	234

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

SHEAR VALUES (average lbs. ultimate)											
Fastener		Steel Gauge (lapped)									
Dia.	Pt.	26	24	22	20	18	16	14	12	1/8	1/4
10	3	-	445	526	728	1266	1540	1552	-	-	-
	12	2	365	600	623	898	1370	1758	2138	-	-
12	3	-	-	-	769	1358	1620	1970	1986	-	-
	4	-	-	-	-	-	-	-	2048	2030	-
	4.5	-	-	-	-	-	-	-	2641	2887	-
1/4	5	-	-	-	-	-	-	-	2650	2700	-
	1	511	849	885	1244	1764	-	-	-	-	-
	3	-	-	-	930	1442	2100	2584	2650	-	-
	5	-	-	-	-	-	1597	2005	2350	2792	3310

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 screws. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500. A maximum 1800 RPM is recommended for Tek screws.

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

Adjust the screwgun nosepiece to properly seat the fastener.

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



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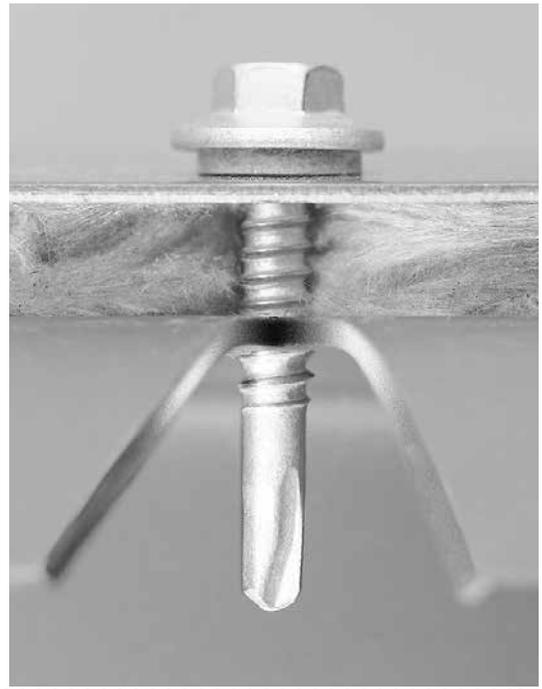
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MAXISEAL®

Integral Washer System

Maxiseal ... The premium sealing system for Teks® self-drilling, self-tapping fasteners.

1/4-14 x 7/8
Teks 1
Available
with ABOT™
 (Anti-Backout Threadform)



Applications

-  Roof panel to purlin and wall panel to girt.
-  Stitching roof, wall, fascia, eave panels or gutter straps.
-  Roof and wall panel or accessories over blanket insulation to steel framing.
-  #17 diameter replacement for stripped #12 and 1/4 diameter fasteners.

Product Features

-  Controls the EPDM rubber washer for improved in place appearance and increased washer life.
-  Seals when driven at an angle.
-  Optimum pullover resistance.
-  Hex washer head provides excellent driving stability.
-  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	#10, #12, 1/4 and #17
Thread Form	10-16 12-14 1/4-14 17-14
Head Style	#10: 5/16" HWH #12: 5/16" HWH 1/4: 5/16" HWH and 3/8" HWH #17: 5/16" HWH
Washer Style	9/16" O.D. Integral System
Drill Point	Teks 1 Teks 2 Teks 3 Type AB sharp point
Finish	Climaseal
Select Sizes	Available with P ³ Powder Paint

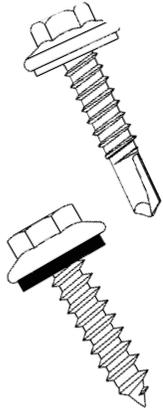
Head Style



Maxiseal Head

MAXISEAL® INTEGRAL WASHER SYSTEM

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachment	Box Qty	Applications
1376000	10-16 x 3/4"	HWH	#3	.036-.175	.325	3,000	• Roof and wall panel to steel framing • Panel over insulation to steel framing
1023000	12-14 x 3/4"	HWH	#3	.036-.210	.260	3,000	
1026000	12-14 x 1"	HWH	#3	.036-.210	.490	2,500	
1029000	12-14 x 1-1/4"	HWH	#2	.036-.210	.560	2,500	
1428000	12-14 x 1-1/2"	HWH	#2	.036-.210	.790	2,000	
1389000	1/4-14 x 7/8"	HWH	#1	.018-.095	.320	3,000	• Stitching roof, wall, fascia, or eave panels
1044000	1/4-14 x 1"	*HWH	#3	.036-.210	.310	2,500	• Sheet or accessories with up to 6" blanket insulation to steel framing
1048000	1/4-14 x 1-1/2"	*HWH	#3	.036-.210	.810	2,000	
1018000	1/4-14 X 1-3/4"	**HWH	#3	.036-.210	1.060	1,500	
1063053	17-14 x 1"	**HWH	AB	-	.685	2,500	• Replacement screw for 12 and 1/4" diameter

* 3/8" Across Flats ** 5/16" HWH

Performance Data

PULLOUT VALUES (average lbs. ultimate)											
Fastener		Steel Gauge									
Dia.	Pt.	26	24	22	20	18	16	14	12	3/16	1/4
10	3	124	208	266	299	499	708	967	1474	3520	-
12	2	156	243	283	375	605	848	1181	1856	2998	-
	3	142	211	289	341	551	757	1063	1631	3485	-
	4	-	-	-	-	-	697	986	1532	3701	3844
	5	-	-	-	-	-	-	-	1527	4550	3999
1/4	1	208	329	428	562	800	1151	-	1877	3523	-
	3	141	231	293	346	613	880	1145	1716	-	-
	AB	235	365	496	597	702	926	1180	-	-	-
17	AB	225	261	350	442	553	752	1122	-	-	-

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
10-16	1936	1400	61
12-14	2778	2000	92
12-24 T/4	3020	2100	100
12-24 T/5	2020	2100	100
1/4-14	4060	2600	150
17-14	5300	3200	180

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

SHEAR VALUES (average lbs. ultimate)										
Fastener		Steel Gauge (lapped)								
Dia.	Pt.	26	24	22	20	18	16	14	12	
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	-	-		

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.

- 🔧 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



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SCOTS®

Long Life Tek's Fasteners

The Original Buildex Scots 300 Stainless Steel Encapsulated

Head will never rust EVER!!!



Applications

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

Product Features

- For improved appearance and extra life an integral design controls the EPDM rubber washer.
- Combines 300 series stainless steel exterior with the strength of carbon steel.
- 300 series stainless most preferred for galvalume long life panels.
- Maximum sealing and corrosion 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 backout.
- Drills and taps in the broadest range of applications.

Product Specifications

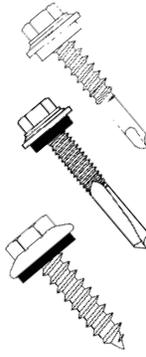
Diameter	#12, 1/4 and #17
Thread Form	12-14
	12-24
	1/4-14
	17-14
Head Style	5/16" HWH (300 Series Stainless)
Washer Style	7/16" O.D. Integral
Drill Point	Teks 1
	Teks 2
	Teks 3
	Teks 5
	Type AB sharp point
Finish	Climaseal®
Select Sizes Available with P³ Powder Paint	

Head Style



Scots Head

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachment	Box Qty	Applications
1165253	12-14 x 1"	HWH	#3	.036-.210	.310	2,500	<ul style="list-style-type: none"> Panel over blanket insulated to steel frame. Roof curb to structural frame.
1167253	12-14 x 1-1/4"	HWH	#2	.036-.210	.560	2,500	
1168253	12-14 x 1-1/2"	HWH	#2	.036-.210	.790	2,000	
1163000	12-24 x 2"	HWH	#5	.125-.500	1.000	1,500	
1387253	1/4-14 x 7/8"	HWH	#1	.018-.095	.320	2,500	
1175153	1/4-14 x 1-1/8"	HWH	#1	.018-.095	.395	2,500	<ul style="list-style-type: none"> Standing seam roof system endlaps. Stitch roof and wall sidelaps. SSR endlaps.
1616000	1/4-14 x 1-1/4"	HWH	#3	.036-.210	.630	2,000	
1180225	17-14 x 1"	HWH	AB	-	.686	1,500	<ul style="list-style-type: none"> Replacement screw for #12 and 1/4 diameter fasteners.

Performance Data

PULLOUT VALUES (average lbs. ultimate)											
Fastener		Steel Gauge									
Dia.	Pt.	26	24	22	20	18	16	14	12	3/16	1/4
12	2	156	243	283	375	605	848	1181	1856	3520	-
12	5	-	-	-	-	-	-	-	1527	3701	3999
1/4	5	-	-	-	-	-	-	-	1507	3300	5059
1/4	1	208	329	428	562	800	1151	-	-	-	-
	AB	235	365	496	597	702	926	1180	1690	3446	4212
17	AB	225	261	350	442	553	752	1122	1716	3523	4250

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
12-14	2778	2000	92
12-24	3188	2100	100
1/4-14	4060	2600	150
1/4-28	5577	3310	234
17-14	5300	3200	180

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

SHEAR VALUES (average lbs. ultimate)											
Fastener		Steel Gauge (lapped)									
Dia.	Pt.	26	24	22	20	18	16	14	1/8	3/16	1/4
12	2	365	600	623	898	1370	1758	2138	2202	-	-
12	5	-	-	-	-	-	-	-	2700	2720	2762
1/4	5	-	-	-	-	-	1597	2005	2350	2792	3310
1/4	1	511	849	885	1244	1764	-	-	-	-	-
	AB	422	482	669	889	1157	-	-	-	-	-
17	AB	459	745	989	958	1415	-	-	-	-	-

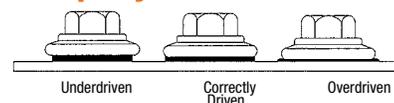
The values listed are ultimate averages achieved under laboratory conditions and apply to Buildex manufactured fasteners only. Appropriate safety factors should be applied to these values for design purposes.

Installation Guidelines

-  A standard screwgun with a depth sensitive nosepiece should be used to install Teks®. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500. Maximum 1800 RPM is recommended for Teks 5 fasteners.
-  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



HTZ™

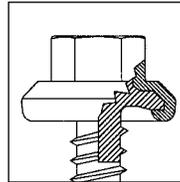
High Torque Zinc Die-Cast Long Life Metal Building Tek® Fasteners

Buildex HTZ fasteners exhibit the highest torsional head strength in the zinc die cast market... no head failures.



Applications

-  Panel over blanket insulation to steel frame.
-  Stitch roof and wall sidelaps.
-  Standing seam roof system endlaps.



No Mar Radius Head Design

Product Features

-  HTZ patented Internal Spline provides the strongest torsional values in the industry... no head failures.
-  Zinc aluminum alloy head provides acceptable long life resistance... no red rust.
-  No mar radius head design will not scratch, pierce or damage panels if overdriven.
-  Indented HWH provides excellent socket stability.
-  For improved appearance and extra life an integral design controls the EPDM washer... maximum sealing protection.
-  Non-walking point, fast material engagement.
-  Point-to-thread design maximizes pullout performance and minimizes backout.

Product Specifications

Diameter#12, 1/4
Thread Form.....12-14, 1/4-14
Point Type.....Tek 1, Tek 2
Finish.....Climaseal®
Select Sizes Available with P³ Powder Paint

Head Style



5/16 HWH Zinc-Aluminum Alloy with Integral Washer Design

HTZ™ HIGH TORQUE ZINC DIE CAST LONG LIFE TEKS FASTENERS

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Material Attachment
1721053	1/4-14 x 7/8"	HTZ	#1	.024-.095	.320
1725053	12-14 x 1-1/4"	HTZ	#2	.024 - .095	.560
1723053	1/4-14 x 1-1/4"	HTZ	#2	.036-.210	.630

Performance Data

PULLOUT VALUES (average lbs. ultimate)											
Fastener		Steel Gauge									
Dia.	Pt.	26	24	22	20	18	16	14	12	3/16	1/4
12	2	156	243	283	375	605	848	1181	1856	3520	-
1/4	1	208	329	428	562	800	1151	-	-	-	-
	2	141	231	293	346	613	830	1145	1858	4550	-
	AB	235	365	496	597	702	926	1180	1690	3446	4212

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
1/4	1	511	849	885	1244	1764	-	-	-
	2	-	-	-	930	1442	2100	2584	2650
	AB	422	482	669	889	1157	-	-	-

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

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

Note: Tekes fasteners are not categorized as structural bolts. Proper design criteria and strengths must be used for satisfactory application.

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.
-  The fastener is fully seated when the head is flush with the work surface.
-  The fastener must penetrate beyond the metal structure a minimum of 3 pitches of thread.



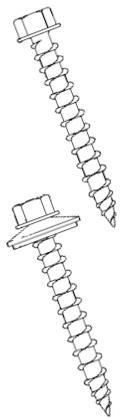
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TRUGRIP™ METAL-TO-WOOD FASTENERS

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Material Attachment Range	Box Qty	Applications
1271000	9-15 x 1"	HWH	Sharp	.012-.048	0-.250	7,000	• Metal wall panel to wood structure
1272000	9-15 x 1-1/2"	HWH	Sharp	.012-.048	0-.750	4,000	
1276000	9-15 x 3"	HWH	Sharp	.012-.048	1.500-2.250	1,500	
1558000	14-10 x 1-1/2" 5/16" AF	HWH Type 17	Sharp	.012-.048	.445	3,000	
With 1/2" Bonded Washer							
1262053	9-15 x 1"	HWH	Sharp	.012-.048	0-.250	4,000	• Metal roof and wall panel to wood
1264053	9-15 x 1-1/2"	HWH	Sharp	.012-.048	0-.750	2,500	
1267053	9-15 x 2"	HWH	Sharp	.012-.048	.500-1.250	2,000	• Metal Panel over insulation to wood
1268000	9-15 x 2-1/2"	HWH	Sharp	.012-.048	0-.250	1,500	
1269000	9-15 x 3"	HWH	Sharp	.012-.048	1.500-2.250	1,000	
1526053	14-10 x 1-1/2" 5/16" AF	HWH Type 17	Sharp	.012-.048	0-.750	2,000	

Performance Data

PULLOUT VALUES IN STEEL (average lbs. ultimate)					
Fastener Dia.	Steel Gauge				
	26	24	22	20	18
9	171	252	329	401	634
12	199	271	360	426	656
10	151	238	291	359	478

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
9-15	1800	1200	50
12-14	2778	2000	92
10-16	1927	1200	71

SHEET STEEL GAUGES	
Gauge No.	Decimal Equivalent
30	.012"
28	.015"
26	.018"
24	.024"
22	.030"
20	.036"
18	.048"

PULLOUT VALUES IN WOOD (average lbs. ultimate)					
Fastener Dia.	Embedment in 2" x 4"				
	1/2"	3/4"	1"	1-1/4"	1-1/2"
9	198	328	571	728	872
12	210	335	-	-	-
10	256	710	753	1121	1358

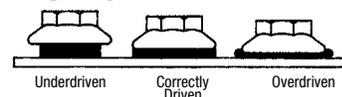
PULLOVER VALUES (average lbs. ultimate)						
Fastener Dia.		Steel Gauge				
		26	24	22	20	18
9	Unwashed	465	623	815	1049	1549
9	Washed	515	674	875	1100	1627
12	Unwashed	527	699	863	912	1185
12	Washed	587	744	915	993	1246
10	Washed	548	932	1122	1444	1894

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 TruGrip. 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



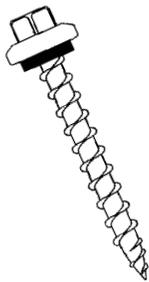
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SCOTS® TRUGRIP™ LONG LIFE POST FRAME FASTENERS

Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Material Attachment Range	Box Qty	Applications
1951053	10-16 x 1"	HWH	Type 17	.012-.048	0-.250	2,500	<ul style="list-style-type: none"> • Metal roof and wall panel to wood structure • Metal panel over insulation to wood structure
1953053	10-16 x 1-1/2"	HWH	Type 17	.012-.048	0-.750	2,500	
1955053	10-16 x 2"	HWH	Type 17	.012-.048	.500-1.250	1,000	

Performance Data

PULLOUT VALUES IN STEEL (average lbs. ultimate)					
Fastener Dia.	Steel Gauge				
	26	24	22	20	18
10	151	238	291	359	478

FASTENER VALUES			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Torque (min. in. lbs.)
10	1927	1200	71

SHEET STEEL GAUGES	
Gauge No.	Decimal Equivalent
18	.048"
20	.036"
22	.030"
24	.024"
26	.018"
28	.015"
30	.012"

PULLOUT VALUES IN WOOD (average lbs. ultimate)					
Fastener Dia.	Embedment in 2" x 4" (SYP)				
	1/2"	3/4"	1"	1-1/4"	1-1/2"
10	256	710	753	1121	1358

PULLOVER VALUES (average lbs. ultimate)						
Fastener Dia.		Steel Gauge				
		26	24	22	20	18
10	Washed	548	932	1122	1444	1894

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 Scots TruGrip. 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



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DEKTITE® AND RETROFIT DEKTITE® Pipe Flashings

The original flexible pipe flashing system with a 20 year warranty.



Applications

- Plumbing, Heating, Air Conditioning, Electrical and Exhaust Vents.

Product Features

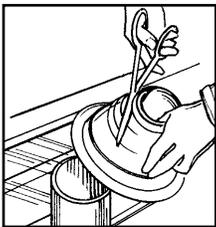
- Made of long life, flexible, weatherproof gray EPDM rubber or red silicone.
- Flexible, corrosion resistant aluminum base conforms to any panel configuration.
- EPDM and silicone will not crack or break.
- Pipe diameter markings are clearly indicated for accurate fitting.
- Designed for 1/4" to 18" diameter pipes.
- One piece construction is easy to install.
- Pleated cone adjusts to any roof pitch and allows for complete flexibility.
- EPDM has a continuous service temperature range of -65°F to +250°F (grey in color).
- Silicone has a continuous service temperature range of -40°F to +350°F (red in color).
- Proven resistance to ozone and ultra-violet light.

Product Specifications

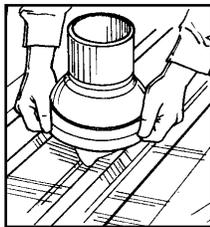
Pipe Diameter Ranges.....1/4" to 13" - Dektite
 3/4" to 7-1/4" - Retrofit Dektite
 7" to 18" - Silicone

Materials.....EPDM - Standard and Retrofit
 Silicone - High Temperature

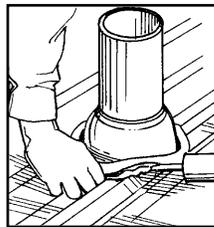
Dektite Installation Guidelines



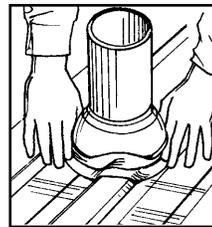
STEP 1: Cut Dektite at appropriate pipe diameter marking.



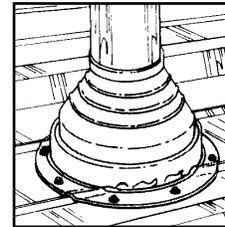
STEP 2: Slide Dektite flashing down over pipe.



STEP 3: Apply sealant on underside of flexible aluminum base.



STEP 4: Press Dektite base into contours of panel configuration.



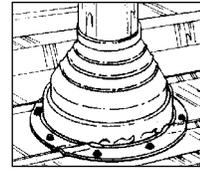
STEP 5: Fasten Dektite to surface with Buildex Scots® self-drilling fasteners. Apply additional sealant around base if desired.

- Notes:**
- Dektite can be installed over or between the ribs of standard panels.
 - DO NOT** install over SSR or architectural panel seams.
 - Generally no sealant is required where the Dektite collar provides a compression fit around the pipe. However, some metal pipes and flues include a seam which may require a local application of sealant at the point where the Dektite collar crosses the seam.

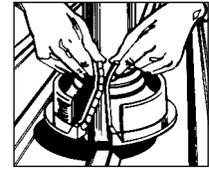
DEKTITE® & RETROFIT DEKTITE® PIPE FLASHINGS

Selector Guide

Dektite Flashing Guide					
Part Number	Description	Pipe Outside Diameter	Dektite Base Diameter	Dektite Height	Box Quantity
4003910	1	1/4"-2"	4-3/4"	3"	10
4004910	2	1-3/4"-3-1/4"	6-1/4"	4"	10
4009910	3	1/4"-5"	7-3/4"	4"	10
4011910	4	3"-6"	9-1/4"	5"	10
4016910	5	4" - 7"	10-3/4"	5"	5
4025910	8	7" - 13"	16-1/2"	6"	5
4038910	#8 Silicone	7" - 13"	16-1/2"	6"	5



Standard Dektite



Retrofit Dektite

Part Number	Description	Box Qty
1175153	1/4-14 x 1-1/8" Scots Teks1	2,500

Retrofit Dektite Selector Guide					
Part Number	Dektite Size Number	Pipe Outside Diameter	Dektite Base Diameter	Dektite Height	Box Qty
4029910	801	3/4"-2-	3-1/4"-	10-3/4"	5-3/5"
4030910	802	3/4"	10"	14-1/2"	5-4/5"
4031910	803	2"-7-1/4"	6-3/10"	3-1/2"	10

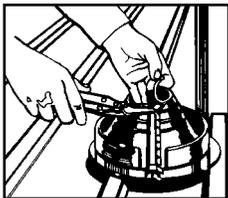
Note: When used on roofs where pitch is steeper than 20 degrees, or when used on deep ribbed profile roof panel (1-1/2" deep corrugation or more), consider using next larger size Dektite that will accommodate the same pipe diameter.

Performance Data

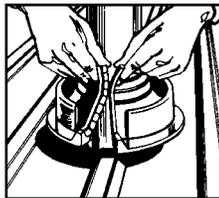
ASTM Method	Test Description	Specification	Test Results
D412	Tensile Strength (min. psi rating)	1450 psi min.	1537 psi
D412	Ultimate Elongation (%)	350 min.	535
D1171	Resistance to Ozone-min. rating	100 (no cracks)	Passed
D673	Heat Aging - 70 hrs. at 212°F		
	• Change in Hardness (points)	± 15 max.	+8
	• Change in Tensile Strength (%)	± 30 max.	-4.7
	• Change in Elongation (%)	± 50 max.	-26

ASTM Method	Test Description	Specification	Test Results
D2137	Low Temperature Brittleness-3 mins. at -40°F	Non-brittle	Passed
D624	Tear Resistance Die C (min.) per inch of width min.	125 pounds per inch of width	130 pounds
U.L. 94	Flame Resistance	U.L. 94 H.B.	Passed

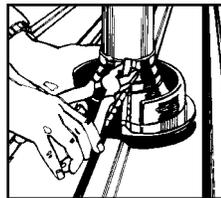
Retrofit Dektite Installation Guidelines



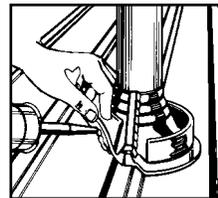
STEP 1: Begin cutting opposite of the mechanical locking jointer. Cut through the jointer with tin snips.



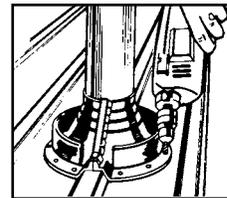
STEP 2: Wrap Retrofit Dektite around the pipe. Engage the top section of the jointer first, then proceed down until jointer is completely engaged.



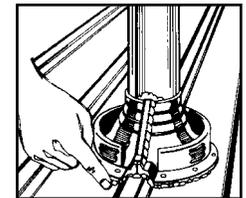
STEP 3: Crimp jointer tightly, starting at the top by squeezing jointer "fingers" with pliers.



STEP 4: Apply sealant to the underside of the ribbed aluminum base. Press Retrofit Dektite against contours of the panel configuration.



STEP 5: Attach Retrofit Dektite to the panel with SCOTS® self-drilling screws. Screws should be spaced as necessary to avoid gaps between the base and the panel.



STEP 6: Apply additional sealant around the top of the Dektite, near the mechanical locking jointer seam.

Recommended Sealant: Chemseco Sikaflex® sealant, part number 4040910.



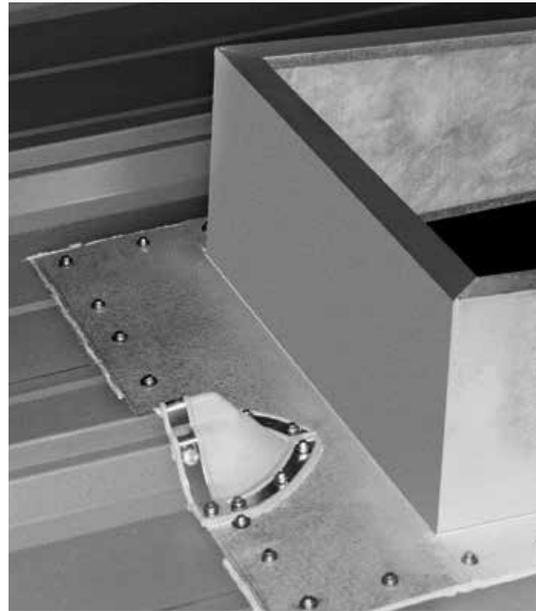
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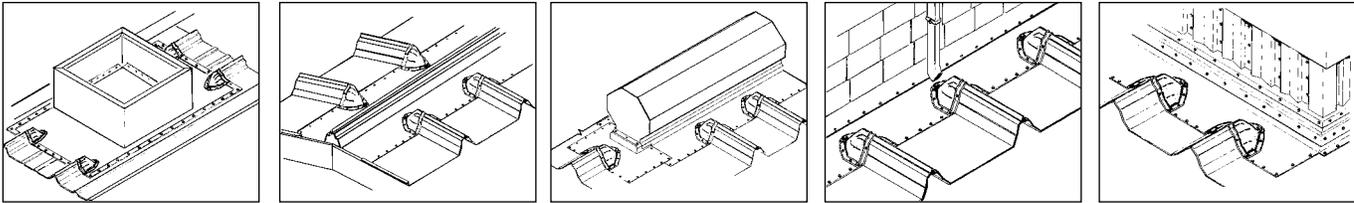
DEK-CAP™

Standing Seam Roof End Cap Flashing

The only universal end cap flashing!!



Applications



Product Features

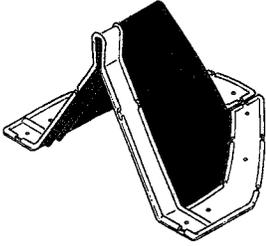
-  Universal design allows use on left and right handed seams.
-  Flexible, corrosion resistant aluminum base conforms to the majority of standing seam roof panels.
-  Pre-formed panel profile shape is designed to reduce installation time.
-  Fastening locations are clearly indicated for accurate installation.
-  Dual underside ridges provide maximum sealing protection.
-  Thermal elastomer material provides excellent resistance to ozone, ultra-violet light and extreme temperatures.
-  Thermal elastomer has a continuous temperature of -40°F to +250°F.
-  Expansion notch provides added installation flexibility.
-  Interior panel stop ensures correct installation position.

Product Specifications

Material.....Thermal Elastomer
 Width.....7-1/4”
 Length.....5-3/4”
 Height.....3-5/16”
 Color.....Gray

DEK-CAP™ STANDING SEAM ROOF END CAP FLASHING

Selector Guide



Part Number	Description	Applications	Box Quantity
4146910	Dek-Cap	Metal Curbs, Skylights, Ridge Applications, Jobsite Retrofit	10

Performance Data

ASTM Method	Test Description	Test Specification	Results
D412	Tensile Strength (min. psi rating)	1450 psi min.	1500 PSI
D412	Ultimate Elongation (%)	350 min.	450
D1171	Resistance to Ozone-min. rating	100 (no cracks)	Passed
D573	Heat Aging - 70 hrs. at +212°F •Change in Hardness (points) •Change in Tensile Strength (%) •Change in Elongation (%)	± 15 max. ± 30 max. ± 50 max.	+3 +2 -3

ASTM Method	Test Description	Test Specification	Results
D2137	Low Temperature Brittleness-3 mins. at -40°F	Non-brittle	Passed
D624	Tear Resistance Die C (min.)	125 pounds per inch of width min.	Passed

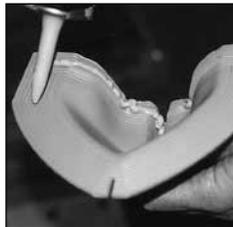
Installation Guidelines



STEP 1:
Bend top so that both sides are parallel to metal roof.



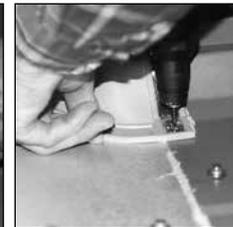
STEP 2:
Press Dek-Cap edges into contours of panel configuration.



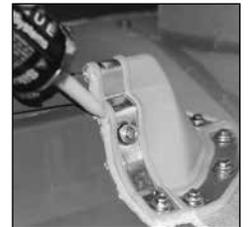
STEP 3:
Remove and apply sealant on underside of flexible aluminum edging.



STEP 4:
Slide Dek-Cap flashing over panel profile.



STEP 5:
Follow indicated fastening pattern to attach Dek-Cap to surface with Buildex Scots® self-drilling fasteners.



STEP 6:
Apply additional sealant around base if desired.

Recommended Sealant: Chemseco Sikaflex® sealant, part number 4040910.



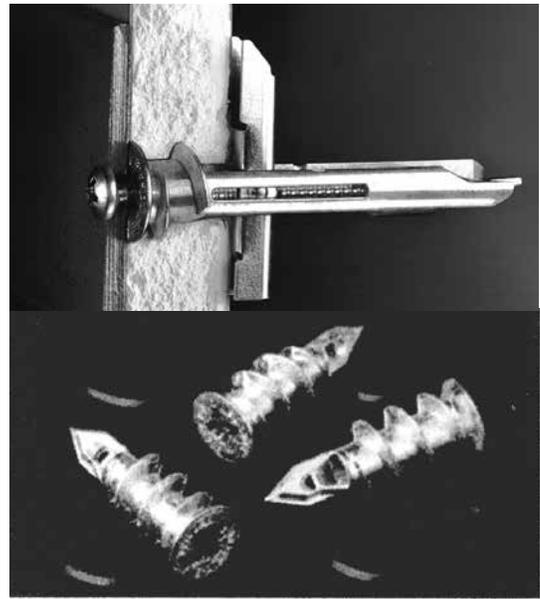
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E-Z Anchor[®]

Self-Drilling Drywall Anchors

The Original, Fast and easy self-drilling anchors. E-Z Zinc™, E-Z Stud Solver™, E-Z Mini™, E-Z Lite™, E-Z Plastic Plus™, Twist-N-Lock™, and E-Z Toggle™



Applications

-  Electrical Fixtures
-  Thermostats
-  HVAC Fixtures
-  Plumbing Fixtures
-  Bathroom Accessories
-  Shelving and Supports
-  Mirrors
-  Picture Frames
-  Brackets
-  Plaques and Awards
-  Closet Organizers
-  Coat Racks
-  Curtain Rods
-  Signs
-  Bulletin Boards
-  Control Systems
-  Decorative Wall Hangings
-  Office Material Holders
-  Smoke Detectors
-  Clocks
-  Kitchen Accessories
-  Doorbells
-  Telecommunications Equipment
-  Chalk Boards
-  Remote Control Boxes

Product Features

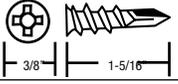
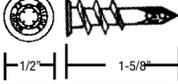
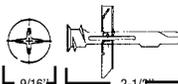
-  No hole preparation necessary; pre-drills own small precise hole in gypsum wallboard.
-  Replaces plastic plugs and toggles.
-  Deep thread design provides strong engagement in 3/8", 1/2" and 5/8" gypsum wallboard.
-  Installs quickly and easily with a phillips screw-driver or square drive bit.
-  Full range of anchors to cover all wall fastening applications.
-  Available in corrosion resistant, non-conductive white nylon.
-  Can be easily backed-out.
-  Low profile head.
-  Single point designs for clean cutting installation.
-  Stud Solver - attachments through gypsum and wood! Works in double drywall applications, too!
 - #8 diameter 1-1/4" screws included
 - Bulk packaging only

Product Specifications

Product Material.....Zinc die cast, Carbon Steel, Nylon
Drilling Capacity.....3/8", 1/2" and 5/8" gypsum wallboard

E-Z PRODUCTS SELF-DRILLING DRYWALL ANCHORS

Selector Guide

		Anchor Description	Anchor Material	Part Number	Quantity	Maximum Fixture Thickness	Accommodates Sheet Metal Screw Size
Light Duty	E-Z Lite™	 3/8" 1-5/16"	White Nylon	5006902 5006900	10 – 100 ct boxes Bulk - 10,000 Anchors	3/4"	#6
	E-Z Mini™	 7/16" 1-1/4"	Zinc	5033902 5033900	10 – 100 ct boxes Bulk - 3,000 Anchors	3/4"	#6, #7
Medium Duty	Stud Solver™	 1/2" 1-1/8"	Zinc	5052900	Bulk Only - 1,500 Anchors & Screws	3/4"	Use only with #8 screw provided
	E-Z Zinc™	 1/2" 1-5/8"	Zinc	5000902 5000900	10 – 100 ct boxes Bulk - 1,500 Anchors	3/4"	#6, #7, or #8
	E-Z Plastic Plus™	 1/2" 1-5/8"	White Nylon	5035902 5035900	10 – 100 ct boxes Bulk - 4,500 Anchors	3/4"	#6, #7, or #8
	Twist-N-Lock™	 1/2" 1-5/8"	White Nylon	5061902 5061900	10 – 100 ct boxes Bulk - 4,500 Anchors	3/4"	Refer to sizes on back inside cover
Heavy Duty	E-Z Toggle™	 9/16" 2-1/2"	Zinc	5014901 5014900 5017901 5017900	50 ct – 50 #8 x 2-1/8" Pan SMS Bulk - 500 Anchors & Screws 50 ct – 50 #8 x 2-1/8" Large Washer Face SMS Bulk - 500 Anchors & Screws	1/2"	#8

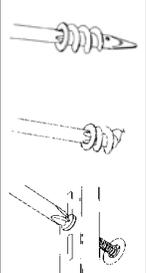
Performance Data

These performance values are averages obtained under laboratory conditions. Note that these values will change depending on age, moisture content and surface treatment of the drywall (gypsum) material. Appropriate safety factors should be applied to these values for design purposes.

DRYWALL THICKNESS	ULTIMATE HOLDING WEIGHT		
	3/8"	1/2"	5/8"
Light Duty Plastic	25 lbs.	30 lbs.	40 lbs.
Light Duty Zinc	30 lbs.	40 lbs.	50 lbs.
Medium Duty	40 lbs.	50 lbs.	75 lbs.
Twist-N-Lock	65 lbs.	75 lbs.	80 lbs.
Heavy Duty	70 lbs.	85 lbs.	150 lbs.

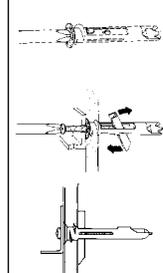
Installation Guidelines

Light Duty & Medium Duty E-Z Anchors



- Place #2 Phillips screwdriver into recess of E-Z Zinc, E-Z Lite, E-Z Mini, E-Z Stud Solver, Twist-N-Lock, or E-Z Plastic Plus.
- Press into drywall while turning the anchor clockwise until it is seated flush with wall.
- Place fixture in position over installed E-Z Zinc, E-Z Lite, E-Z Mini, E-Z Stud Solver, Twist-N-Lock, or Plastic Plus. Insert screw with screw driver. Tighten fixture in

Heavy Duty E-Z Toggle



- Using a #2 Phillips screwdriver, screw the E-Z Toggle Anchor into drywall until the head of the anchor is seated flush.
- To "set" the clamp behind the drywall, place the mounting screw into the anchor and push or tap firmly until approximately 1" of screw is protruding (do not rotate). Then remove the screw.
- Place fixture over E-Z Toggle, insert screw and continue to turn until fastened tightly (for example when attaching a 1/2" thick fixture, it will require approx. 23 full rotations of the screwdriver to fully tighten the fixture).

* Do Not Use For Mounting Televisions *



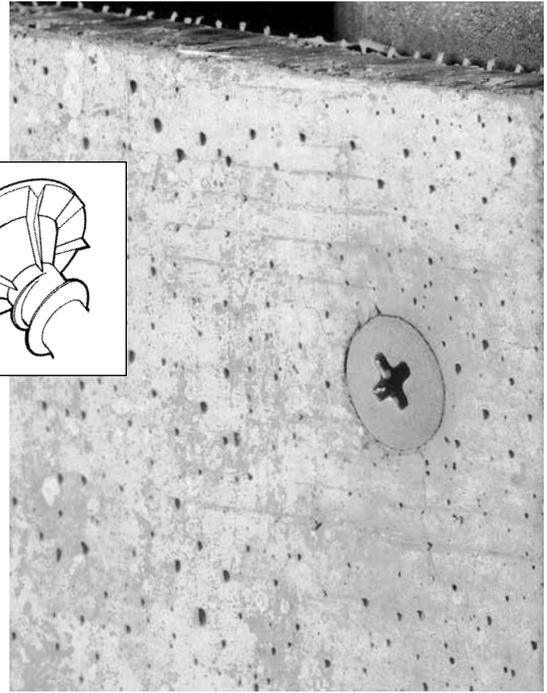
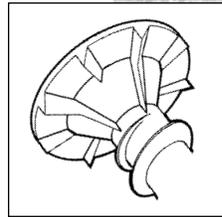
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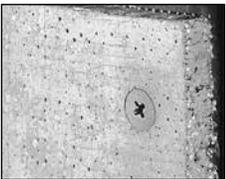
ROCK-ON™

Cement Board Fasteners

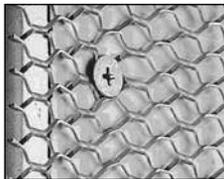
High performance rib design is still the best!!!



Applications



Cement-type boards or any dense sheathings to steel or wood studs.



Wire lath to steel or wood studs.



Plywood to steel or wood studs.

Product Features

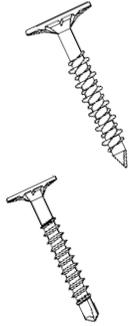
-  Rib design under head countersinks into dense material while preventing stripouts.
-  Two point types for steel and wood applications.
-  Larger head diameter increases board surface contact for greater pullover resistance.
-  Rock-On™ is recommended for ACQ treated wood.

Product Specifications

Diameter.....#8; #9
Thread Form.....8-18; 9-15 Hi-Lo®
Drill Point.....#8 Type S-12®; #9 Type “S”
Head Style.....Wafer Head with countersinking ribs
Finish.....Climacoat®

CEMENT BOARD FASTENERS

Selector Guide



Part Number	Length	Material Attachment Range	Box Qty	Applications
Hi-Lo® Rock-On				
2151500*	9 x 1-1/4"	Up to 3/4" Material Thickness to Wood; 3/8" - 1" Material Thickness to Steel	5,000	• Cement Board to wood or light gauge steel 26-20 gauge
2153500*	9 x 1-5/8"	Up to 1-1/8" Material Thickness to Wood; 3/8" - 1-3/8" Material Thickness to Steel	4,000	
S-12® Rock-On				
2156500*	8 x 1-1/4"	3/8" to 3/4" Material Thickness	5,000	• Cement Board to Steel Studs 20-12 Gauge
2159500*	8 x 1-5/8"	3/8" to 1-1/4" Material Thickness	4,000	

*Fully Threaded

Performance Data

PULLOUT VALUES IN STEEL (GAUGES)								
Gauge No.	26	24	22	20	18	16	14	12
S-12	120	191	239	285	470	663	910	1424
Hi-Lo	163	242	314	370	-	-	-	-

WOOD (EMBEDMENT) #2 SPF 2 x 4				
	1/2"	3/4"	1"	1-1/4"
Hi-Lo	223	312	555	676

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 cement board fasteners. 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.
-  Worn or damaged bit tips should be replaced.
-  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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DEC-KING®

Exterior Wood Screws

Corrosion resistant fasteners for exterior wood applications



Applications

-  Decking
-  Ballisters
-  Base Trim
-  Rail Cap
-  Lattice

Product Features

-  Coated with Climacoat® for maximum resistance to corrosion, staining and streaking inside the lumber and on the deck.
-  Eliminates wood splitting, nail pops, hammer marks and bent nails.
-  Recommended for ACQ treated wood.
-  Available in both #2 Phillips & #2 Square Drive.
-  Pullout strength is superior over nails.

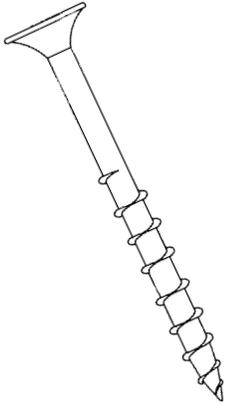


Product Specifications

- Diameter**.....#6, #7, #8, and #10
- Thread Form**.....6-10, 7-9, 8-9, 10-8
- Head Style**.....#2 Phillips, #2 Phillips Square Drive
- Drill Point**.....Gimlet
- Finish**.....Climacoat

DEC-KING EXTERIOR WOOD SCREWS

Selector Guide



#2 Square Drive

#2 Phillips



Description	Part No. #2 Square Drive	Part No. #2 Phillips	Applications	Box Qty
6 x 1-1/4"	-----	2176500	1" x 4" or 1" x 6" Base Trim; Lattice	8,000
6 x 1-5/8"	-----	2136500	1" x 4" or 1" x 6" Base Trim; Balusters; Lattice	5,000
7 x 2"	2179500	2138500	5/4" x 4" or 5/4" x 6" Radius Edged Decking; 1" x 4" or 1" x 6" Base Trim; Ballisters; Lattice	3,500
8 x 2-1/2"	2180500	2140500	5/4" x 4" or 5/4" x 6" Radius Edged Decking 2" x 4" or 2" x 6" Decking 2" x 6" or 2" x 8" Rail Cap or Base Trim	2,500
8 x 3"	2181500	2141500	2" x 4" or 2" x 6" Decking 2" x 6" or 2" x 8" Rail Cap or Base Trim	2,000
10 x 3-1/2"	2182500	2142500	2" x 4" or 2" x 6" Decking 2" x 6" or 2" x 8" Rail Cap or Base Trim	1,000

Performance Data

PULLOUT VALUES (average pounds ultimate) Embedment 2" x 4" Stud Grade S.Y. Pine				
Description	1/2"	3/4"	1"	1-1/4"
6 x 1-1/4"	182	329	422	—
6 x 1-5/8"	182	329	422	620
7 x 2"	189	318	440	630
8 x 2-1/2"	186	290	502	630
8 x 3"	186	290	502	645
10 x 3-1/2"	241	386	522	721

Note: The values listed are ultimate averages achieved under laboratory conditions. An appropriate safety factor should be applied in these values to achieve a design value.



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