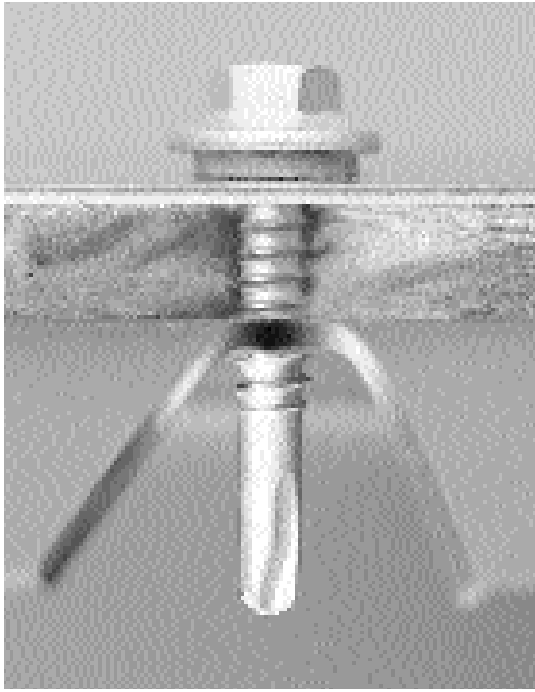


MAXISEAL[®]

Integral Washer System

Maxiseal ... The premium sealing system for Tek's[®] self-drilling, self-tapping fasteners.



Applications

- Roof panel to purlin and wall panel to girt.
- Roof and wall panel or accessories over blanket insulation to steel framing.
- Stitching roof, wall, fascia, eave panels or gutter straps.
- #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.
- Non-walking point provides fast material engagement.
- Seals when driven at an angle.
- Point to thread design maximizes pullout performance and minimizes backout.
- Optimum pullover resistance.
- Drills and taps in the broadest range of applications.
- Hex washer head provides excellent driving stability.
- Climaseal[®] finish provides excellent corrosion resistance and lower tapping torque.
- Point has precise cutting edges to improve drill performance with less effort.

Product Specifications

Diameter.....	#10, #12, 1/4 and #17
Thread Form.....	10-16 12-14, 12-24 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

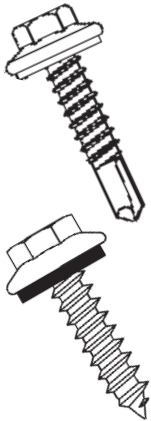
Drill Point	Teks 1 Teks 2 Teks 3 Teks 4 Teks 5 Type AB
Finish.....	Climaseal Available with P ³ powder paint

Head Style

Maxiseal Head



Selector Guide



Part Number	Description	Head Style	Drill Point	Drill & Tap Capacity	Max. Attachment	Material Qty	Box Qty	Applications
1376000	10-16 x 3/4"	HWH	#3	.036-.175	.325	3,000	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	3,000	
1659053	12-14 x 3/4"	HWH	#3	.012-.048	.435	2,500	2,500	
1026000	12-14 x 1"	HWH	#3	.036-.210	.490	2,500	2,500	
1029000	12-14 x 1-1/4"	HWH	#2	.036-.210	.560	2,500	2,500	
1428000	12-14 x 1-1/2"	HWH	#2	.036-.210	.790	2,000	2,000	• Roof and wall panel to bar joist or structural.
1730000	12-24 x 7/8"	HWH	#4	.018-.250	.295	3,000	3,000	
1517000	12-24 x 1-1/2"	HWH	#5	.125-.500	.500	2,500	2,500	
1389000	1/4-14 x 7/8"	HWH	#1	.018-.095	.320	3,000	3,000	• Stitching roof, wall, fascia, eave panels or gutter straps.
1042053	1/4-14 x 3/4"	*HWH	#3	.036-.210	.200	2,500	2,500	• Sheet or accessories with up to 6" blanket insulation to steel framing.
1044000	1/4-14 x 1"	*HWH	#3	.036-.210	.310	2,500	2,500	
1048000	1/4-14 x 1-1/2"	*HWH	#3	.036-.210	.810	2,000	2,000	
1737000	1/4-14 x 1-3/4"	*HWH	#3	.036-.210	1.060	1,500	1,500	
1712000	1/4-14 x 3"	HWH	#3	.036-.210	2.310	1,000	1,000	
1063000	17-14 x 1"	HWH	AB	-	.685	2,500	2,500	• Replacement screw for 12 and 1/4" diameter fasteners.

*3/8" Across Flats

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	-
	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	1877	4550	-
	AB	235	365	496	597	702	926	1180	1716	3523	-
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	3188	2200	150
1/4-14	4060	2600	150
17-14	5300	3200	180

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

Shear Values (average lbs. ultimate)									
Fastener		Steel Gauge (lapped)							
Dia.	Pt.	26	24	22	20	18	16	14	12
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's. 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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