

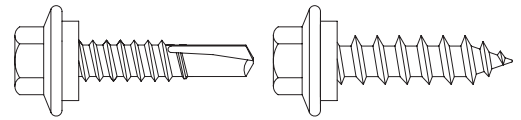
MAXISEAL®

INTEGRAL WASHER SYSTEM

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



SELECTOR GUIDE

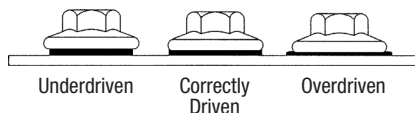
PART NO.	DESCRIPTION	HEAD STYLE	DRILL POINT	FINISH	DRILL & TAP CAPACITY (IN.)	MAX. MATERIAL ATTACHMENT (IN.)	BOX QTY	APPLICATIONS
1376000	10-16 x 3/4"	5/16" HWH	#3	Climaseal	.036 - .175	.325	3,000	Roof and wall panel to steel framing Panel over insulation to steel framing
1023000	12-14 x 3/4"	5/16" HWH	#3	Climaseal	.036 - .210	.260	3,000	
1026000	12-14 x 1"	5/16" HWH	#3	Climaseal	.036 - .210	.490	2,500	
1029000	12-14 x 1-1/4"	5/16" HWH	#2	Climaseal	.036 - .210	.560	2,500	
1428000	12-14 x 1-1/2"	5/16" HWH	#2	Climaseal	.036 - .210	.790	2,000	
†1389000	1/4-14 x 7/8"	5/16" HWH	#1	Climaseal	.036 - .095	.320	3,000	Stitching roof, wall, fascia, or eave panels
1044000	1/4-14 x 1"	3/8" HWH	#3	Climaseal	.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"	3/8" HWH	#3	Climaseal	.036 - .210	.810	2,000	
1018000	1/4-14 x 1-3/4"	3/8" HWH	#3	Climaseal	.036 - .210	1.060	1,500	
1063053	17-14 x 1"	5/16" HWH	AB	Climaseal	—	.685	2,500	Replacement screw for 12 and 1/4" diameter

†With ABOT™ (Anti-backout threadform)



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.



HEAD STYLE



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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	–
12	3	142	211	289	341	551	757	1063	1631	3485	–
1/4	1	208	329	428	562	800	1151	–	1877	3523	–
1/4	3	141	231	293	346	613	880	1145	1716	–	–
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
1/4-14	4060	2600	150
17-14	5300	3200	180

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	–
12	3	–	–	–	769	1358	1620	1970	1986
1/4	1	511	849	885	1244	1765	–	–	–
1/4	3	–	–	–	930	1442	2100	2584	2650
17	AB	459	745	989	958	1415	–	–	–

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.

