

# FLAT-TOP™

**SELF-SEALING FASTENERS**

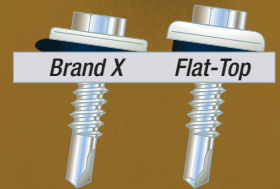
**CARBON  
STEEL**

**Product superiority  
in design, application  
and installation**

For more information, contact  
an authorized ATLAS distributor,  
or call ATLAS Sales Support at  
**(800) 321-6846**

- *ATLAS Flat-Top™ carbon steel with OxySeal® Long-Life Coating*

- *Special Undercut entraps EPDM sealing washer, even when driven at extreme angles*



- *One-Piece Design eliminates damage to painted washer surface and eliminates dissimilar metal washer materials*

- *Higher Hex provides positive socket engagement*

- *Flat-Top Design stabilizes socket during installation*

**Build it better with**

[www.atlasfasteners.com](http://www.atlasfasteners.com)

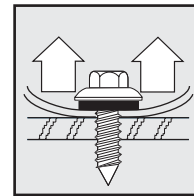
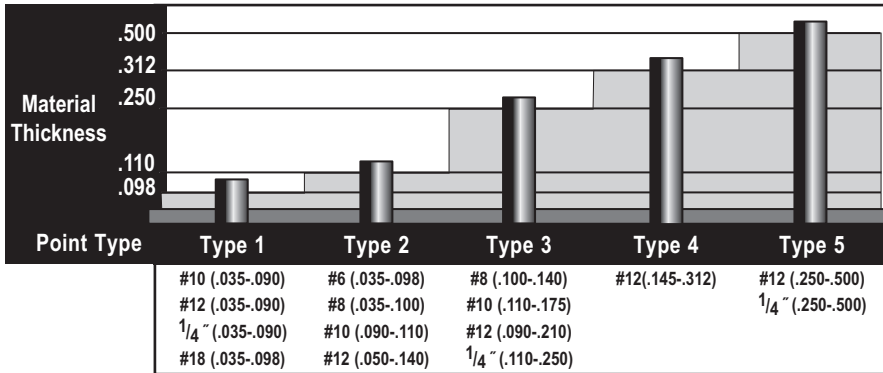
1628 Troy Road • Ashland, Ohio 44805

**ATLAS**

**Fasteners For Construction**

## Self-Sealing Fasteners

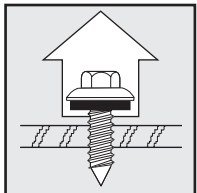
### Drill Point Capabilities



### Pull-Over Values (Lbs.)

for Flat-Top Self-Sealing Fasteners

Gauge			
Fastener Diameter	22 (.030)	24 (.023)	26 (.018)
12-14	1128	982	621
1/4-14	1298	1043	687



### Pull-Out Values (Lbs.)

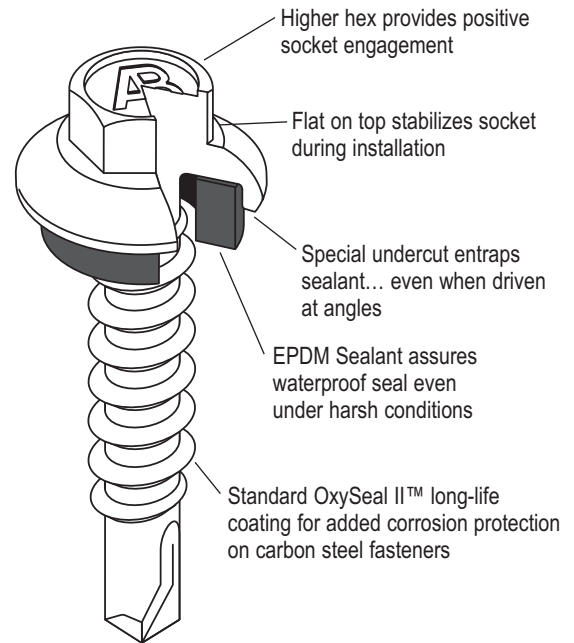
for Flat-Top Self-Sealing Fasteners

		Gauge			
Size	Point	12	14	16	18
12-14	TCP3	1634	1066	760	554
1/4-14	TCP3	1861	1148	883	613

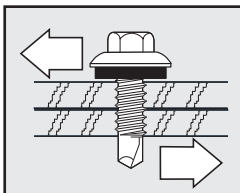
### Decimal (inch) Equivalents of Thread Diameters

### Decimal (inch) Equivalents of Sheet Metal Gauges

Thread Diameter	Decimal Equivalent	Gauge	Thickness (in.)
#6	.140	26	.018
#7	.150	24	.024
#8	.160	22	.030
#9	.180	20	.036
#10	.190	18	.048
#11	.200	16	.060
#12	.210	14	.075
#13	.230	12	.105
1/4"	.240	10	.134
#14	.250	8	.164
#17	.285	4	.224
#18	.304	1/4	.250
11/32"	.344		



### Shear Values for Carbon Steel Drilling Fasteners



		Gauge										
Size	Point	26-26	24-24	22-22	20-20	18-18	16-16	14-14	12-12	1/8-1/8	3/16-3/16	1/4-1/4
12-14	T/1	435	706	756	1021	1455	/	/	/	/	/	/
1/4-14	T/1	514	852	888	1247	1767	/	/	/	/	/	/
8-18	T/2	297	499	563	743	1063	1081	/	/	/	/	/
10-16	T/2	315	481	592	833	1209	1271	/	/	/	/	/
12-14	T/2	368	603	626	901	1373	1761	2141	/	/	/	/
8-18	T/3	/	/	/	733	1093	1213	1217	/	/	/	/
10-16	T/3	/	/	/	731	1269	1543	1555	/	/	/	/
10-24	T/3	/	/	/	754	1211	1557	1697	/	/	/	/
12-14	T/3	/	/	/	772	1361	1623	1973	1989	/	/	/
1/4-14	T/3	/	/	/	933	1445	2103	2587	2653	2823	/	/
12-24	T/4	/	/	/	/	/	/	/	2051	2703	/	/
12-24	T/5	/	/	/	/	/	/	/	/	2703	2723	2765

### Strength Characteristics for Flat-Top Self-Sealing Fasteners

Fastener Size	Minimum Tensile (pounds)	Min. Fastener Torque Strength (inch-pounds)	Fastener Shear (pounds)
12-24	2,800	92	2,000
1/4-14	3,850	150	2,600



1628 Troy Road  
Ashland, OH 44805  
1-800-321-6846

All test results and recommendations are based on laboratory tests.

Specific job site conditions should be taken into consideration when specifying the proper fastener.

Because applications vary, we assume no liability for use of this information.