

FLAT-TOP™

SELF-SEALING FASTENERS

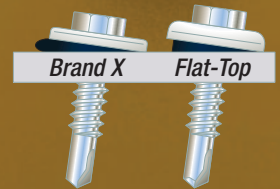
**CARBON
STEEL**

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

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an authorized ATLAS distributor,
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(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

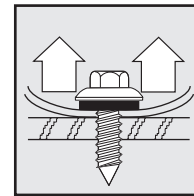
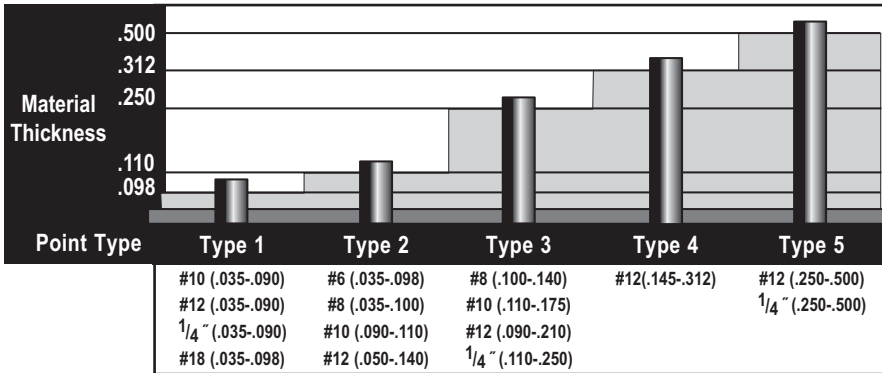
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ATLAS

Fasteners For Construction

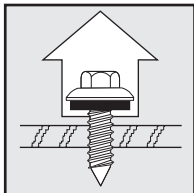
Self-Sealing Fasteners

Drill Point Capabilities



Pull-Over Values (Lbs.) for Flat-Top Self-Sealing Fasteners

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



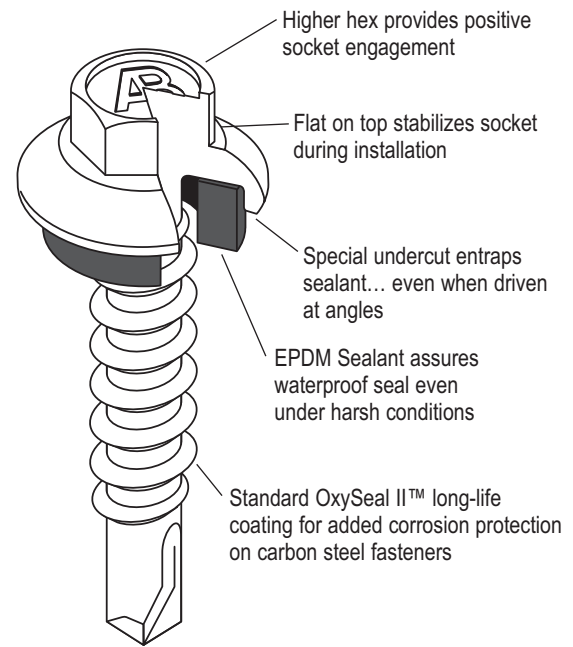
Pull-Out Values (Lbs.) for Flat-Top Self-Sealing Fasteners

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

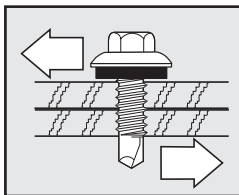
Decimal (inch) Equivalents of Thread Diameters

| 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 | | |

Decimal (inch) Equivalents of Sheet Metal Gauges



Shear Values for Carbon Steel Drilling Fasteners



| Size | Point | Gauge | | | | | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-----------|---------|
| | | 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 |



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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.