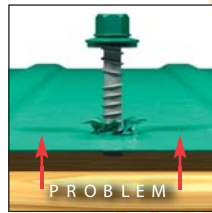
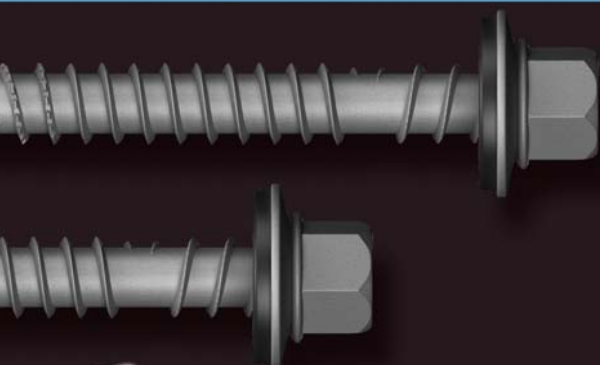
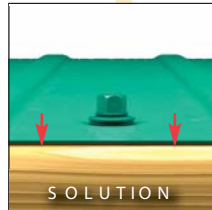


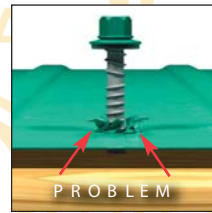
The WASP features a Type-17 cutting point for faster installation and specialized hybrid lead threads that reduce drive torque in hard woods and knots. What really sets it apart is its innovative left-hand thread design. This unique feature has many benefits, which include: Deburring the metal panel, which prevents damage of the sealing washer. It seats the metal panel siding against the framework prior to seating the sealing washer, which reduces over-torquing of the washer. This powerful combination increases sealing performance and provides back-out resistance.



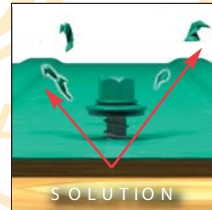
Top:
Panel rides up the fastener.



Bottom:
Left-handed threads seat panel against framework prior to washer contact.



Top:
Burrs begin formation that can cut and damage washer.



Bottom:
Left-handed threads deburr and smooth the metal panel.

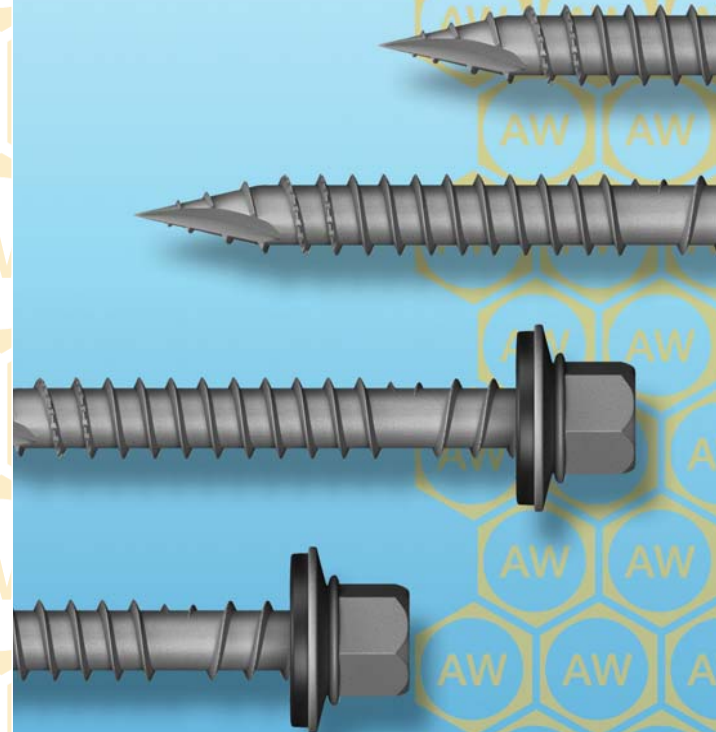
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Fasteners for Construction



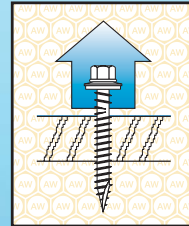


ENGINEERING TEST REPORT

For questions contact Technical Service: 1-800-321-6977

| Fastener Diameter | Minimum Torsional | Minimum Tensile | Minimum Shear |
|-------------------|-------------------|-----------------|---------------|
| #10 | 68 in. lbs. | 2,100 lbs. | 1,265 lbs. |

PULL OUT VALUES



| TEST MATERIAL | PENETRATION | RESULTS |
|---------------|-------------|----------|
| S-P-F #2 | 1" | 522 lbs. |
| S-P-F #2 | 1-1/2" | 902 lbs. |
| OSB | 7/16" | 217 lbs. |
| Plywood | 5/8" | 488 lbs. |

Note: Pull-out values are a measurement of wood material strength. Actual field values may vary.

Recommended Screw Gun Speed: 0-1,800 rpm.

Recommended Installation Instructions Go To: WWW.ATLASFASTENERS.COM

NO IMPACT OR HAMMER DRILLS TO BE USED FOR INSTALLATION.

DISCLAIMER: 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 may vary, we assume no liability for use of this information.

Diameter: #10
Threads per In.: 14
Length: 1", 1½", 2", 2½", 3"
Point: Type-17
Material: Carbon Steel
Coating: Oxyseal

WASP nonconductive washer

Left-handed threads deburr and smooth the metal panel

Patent Pending 61/309,665

Self Tapping Type-17 Point

Left-handed threads reduce over-torquing and seat metal panel to framework

Innovative hybrid threads cut through hard woods

