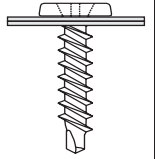


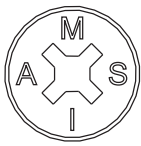


ASD SERIES SCREWS

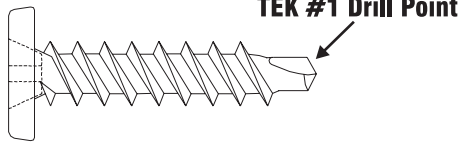


SPEC DATA Submittal Sheet #011

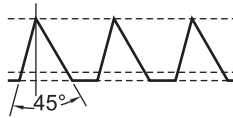
PANCAKE HEAD SELF-DRILL SCREW - REDUCED #1 POINT PRIMEGUARD PLUS™



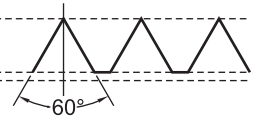
Pancake Head Style - Combo Drive



ASYMMETRICAL THREAD



CONVENTIONAL THREAD



ASYMMETRICAL THREAD

- Lower Driving Torque
- Increased Pull-Out
- Reduced Wood Splitting

| Part # | Dia. | Length | TPI | Box Qty | Finish | Head Diameter | Corrosion | Thread | Point | Thread Length |
|---------|------|--------|-----|---------|--------------------|---------------|-----------|--------------|--------|---------------|
| ASD-1.5 | 14 | 1½" | 13 | 2.5M | PrimeGuard Plus-10 | 12.5mm~13.0mm | See Below | Asymmetrical | TEK #1 | FULL |
| ASD-2 | 14 | 2" | 13 | 2M | PrimeGuard Plus-10 | 12.5mm~13.0mm | See Below | Asymmetrical | TEK #1 | FULL |
| ASD-3 | 14 | 3" | 13 | 1M | PrimeGuard Plus-10 | 12.5mm~13.0mm | See Below | Asymmetrical | TEK #1 | FULL |
| ASD-4 | 14 | 4" | 13 | 1M | PrimeGuard Plus-10 | 12.5mm~13.0mm | See Below | Asymmetrical | TEK #1 | FULL |
| ASD-5 | 14 | 5" | 13 | 1M | PrimeGuard Plus-10 | 12.5mm~13.0mm | See Below | Asymmetrical | TEK #1 | 4" |
| ASD-6 | 14 | 6" | 13 | 1M | PrimeGuard Plus-10 | 12.5mm~13.0mm | See Below | Asymmetrical | TEK #1 | 4" |
| ASD-7 | 14 | 7" | 13 | 0.5M | PrimeGuard Plus-10 | 12.5mm~13.0mm | See Below | Asymmetrical | TEK #1 | 4" |
| ASD-8 | 14 | 8" | 13 | 0.5M | PrimeGuard Plus-10 | 12.5mm~13.0mm | See Below | Asymmetrical | TEK #1 | 4" |

All AMSI® Sheet Metal Screws Meet or Exceed ASTM C-1513 and/or ASTM C-954

PLUS-COAT II

Self Drilling Screws Ultimate Connection Value Chart

| Corrosion Resistance | Applied Via | Guarantee | Dia. | Nominal Screw Dia. (in) | Metal Gauge 1 (lb) | Tension (Pull) Lbs 1 pc | Shear Lbs. Metal to Metal | Minimum Torsional Strength (Lb) |
|--|--------------------------------|-----------|------|-------------------------|--------------------|-------------------------|---------------------------|---------------------------------|
| 1000 hr. min. B-117 20 Cycles Kesternich* | Multi-Step Proprietary Process | Lifetime | 14 | 0.201 | 20 | 300 | 797 | 150 |
| | | | | | 18 | 402 | 1083 | |
| | | | | | 16 | 776 | 1942 | |
| | | | | | 14 | 1057 | 2300 | |

*Kesternich is an acid test protocol meeting DIN 50018, ASTM G-87

APPROVED FOR USE IN PRESSURE TREATED LUMBER

ULTIMATE VALUE CHARTS:

Steel - Screws driven into steel were driven with three exposed threads on the off side of the connection, then pulled out with the testing machine.

Note that all results were obtained in strict adherence to ASTM test protocol. These ultimate figures are offered only as a guide and are not guaranteed in any way by AMSI Supply (Architectural Metal Specialties, Inc.).

A 4:1 safety ration is recommended.

INSTALLATION GUIDELINES:

0-2500rpm Screwgun with torque adjustment. Overdriving may result in fastener failure or strip-out of the work surface.

The fastener is fully seated when the screw head's bearing surface is flush with the steel.

ALL AMSI FASTENERS ARE MANUFACTURED IN AN ISO 9002 & ISO 14001 CERTIFIED AND APPROVED FACTORY TO AMSI PERFORMANCE SPECIFICATIONS AND PRINT DRAWINGS

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