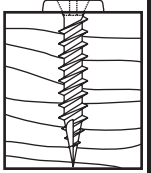




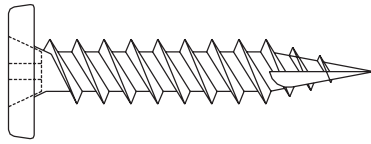
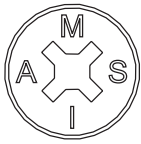
# SSF SERIES SCREWS



## SPEC DATA Submittal Sheet #003

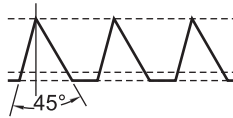
### PANCAKE HEAD SELF-PIERCING SHEET METAL SCREW

Wood to wood or steel (20ga or less), to wood. Pre-punched steel roofing clips any gauge to wood substrate.

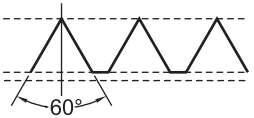


Pancake Head Style - Combo Drive

ASYMMETRICAL THREAD



CONVENTIONAL THREAD



ASYMMETRICAL THREAD

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

| Part #     | Diameter | Length | TPI | Box Qty | Finish          | Head Diameter | Thread       | Point |
|------------|----------|--------|-----|---------|-----------------|---------------|--------------|-------|
| SSF-101-AP | 10       | 1"     | 12  | 6M      | Stainless Steel | 10mm~10.6mm   | Asymmetrical | T-17  |

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

## AMSI ASO Screws Ultimate Value Charts

### ASO Screws In Sheet Metal

### ASO Screws In Wood Products

| Diameter | Metal Gauge/1lb | Tension (Pull) Lbs<br>1Pc | Shear Lbs.<br>Metal to Metal | Diameter | Wood         | Withdrawal Value (pull-out) |
|----------|-----------------|---------------------------|------------------------------|----------|--------------|-----------------------------|
| 10       | 25              | 173                       | 363                          | 10       | 2x4 Fir      | 547                         |
| 10       | 20              | 397                       | 834                          | 10       | 3/4" Plywood | 649                         |

**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.

Wood - Screws were driven 3/4" into the wood material, 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

©2009 AMSI Supply (Architectural Metal Specialties, Inc.)