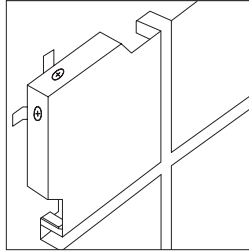


Application

ACM or MCM to Aluminum



Features and Benefits

- 300 series stainless steel provides maximum corrosion resistance.
- Patent-pending design allows flush installation into ACM or MCM without the need for intermediate operations (drilling/countersinking/etc.).
- One-step installation greatly reduces fabrication time compared to other threaded fasteners and rivets.
- Painting is available to match any panel color.

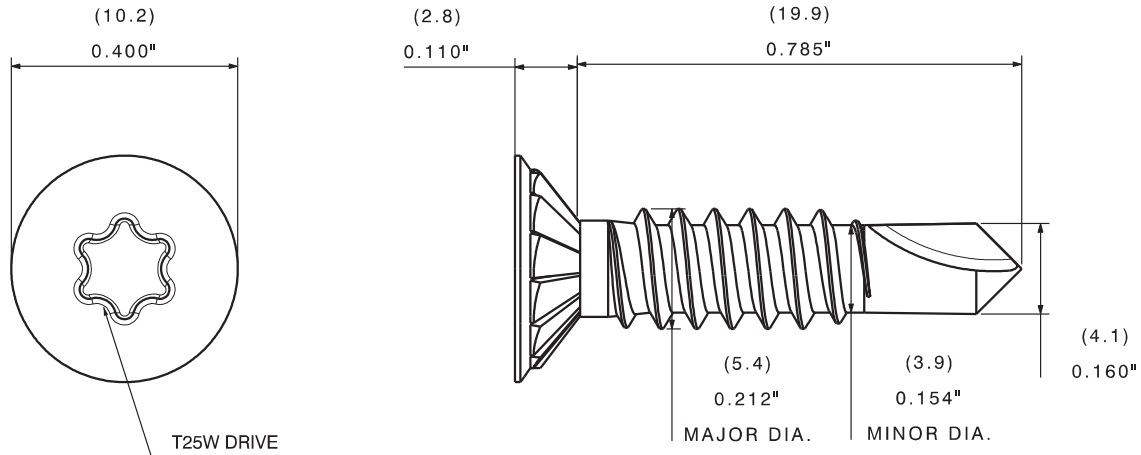
Product Selection

Material No.	Fastener Length		Thread Length*		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)	(in)	(mm)			
1550984	7/8	22	0.58	14.7	SD3-S3-#12-7/8-WFS-T25	28.8	5000

*Thread length measured from top of head to end of threads.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent guaranties or warranted characteristics for not specified applications. All calculations therefore have to be checked and approved by the responsible planner ahead of execution. The user is responsible to assure compliance with all applicable laws and regulations.

CAD Drawing: #12-16 ACM-R1



Product Specifications

Diameter:	#12 (5.3mm)	Drill Point:	SD3
Threads Per Inch:	16	Drill Capacity:	0.080" (2.0mm) – 0.125" (3.2mm) Aluminum
Head Style:	Flat Head	Thread Major Dia:	0.212" (5.4mm)
Drive:	T25W	Thread Minor Dia:	0.154" (3.9mm)

Performance Data¹

Material Strength

Tensile	2425 lbf / 10786.94 N
Shear	1774 lbf / 7891 N
Torsional	70 lbf*in / 7.91 N*m

Pull Out Strength

Aluminum

.080" (2.0mm) 6061-T6:	865 lbf / 3848 N
1/8" (3.2mm) 6063-T5:	1191 lbf / 5298 N

¹SFS 5481.17

Installation and Application Considerations

Install fasteners with 0-2000 RPM screw driver equipped with depth sensing nose piece.
Use of T25W drive bit is required (1567806).

Metric values are approximate conversions.

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