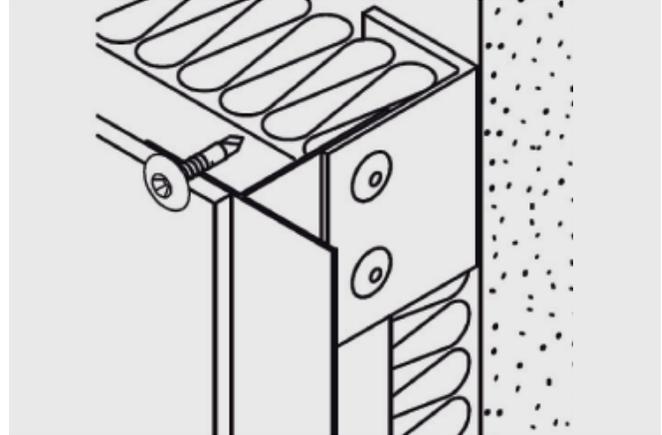


TDA-S-D16 Facade Attachment



Features and Benefits

- New dual thread design provides ultimate technical performance
- Wide application range from light, medium steel to Aluminum substrates
- Corrosion resistant 300 series stainless
- Low profile dome head for aesthetic installed appearance
- 16 mm dome head provides increased bearing surface
- Color matched Vista spray available to match facade panel

Application

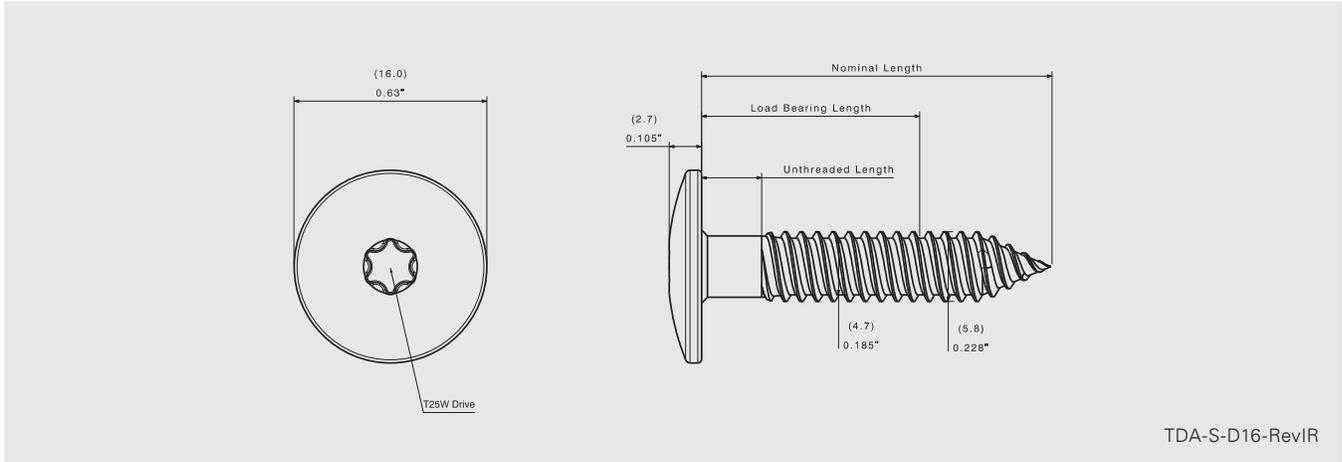
Facade panel to metal

Product Selection

Material No.	Fastener Length		Load Bearing Length		Unthreaded Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)	(in)	(mm)	(in)	(mm)			
1629268	1"	25	0.50"	14	0.08"	2	TDA-S-D16-5.8x25	3.25	250
1572881	1-1/8"	29	0.62"	18	0.20"	5	TDA-S-D16-5.8x29	3.75	250

Note: Fasteners are available assembled with bonded washer. Inquire with SFS about availability.

TDA-S-D16 Facade Attachment



TDA-S-D16-RevIR

Product Specifications

Diameter: #12 (5.8 mm)
 Threads Per Inch: 20
 Head Style: 0.63" Dome Head (16.0 mm)
 Washer: T25W

Material: 304SS
 Point: Type A
 Fastener Material: 304 Stainless Steel
 Thread Major Dia: 0.228" (5.8 mm)
 Thread Minor Dia: 0.185" (4.7 mm)

Performance Data¹

Material Strength

Tensile	3883 lbf / 17272 N
Shear	2670 lbf / 11877 N
Torsional	140 lbf-in / 15.82 N-m

Pull Out Strength Steel

12 Ga (2.7 mm)	1625 lbf / 7228 N
14 Ga (1.9 mm)	1126 lbf / 5008 N
16 Ga (1.5 mm)	729 lbf / 3243 N
18 Ga (1.2 mm)	623 lbf / 2771 N

Pull Out Strength Aluminum

2.2 mm L or T Rail (0.087")* :	590 lbf / 2624 N
2.4 mm Omega or Zed Rail (0.094")* :	584 lbf / 2598 N
2.5 mm L or T Rail (0.098")* :	915 lbf / 4070 N
1/8" 6063-T5 (3.2 mm):	1035 lbf / 4604 N
1/4" 6063-T6 (6.3 mm):	2307 lbf / 10262 N

¹ SFS 5538.18

* - Values are only valid for aluminum rails supplied by SFS

- Load values determined with 4.5 mm pre-drill diameter [All Steel and up to 1/8" (3.2 mm) Alu] or 1/4" Alu a pre-drill of 5.1 mm is used.

Installation and Application Considerations

Install fasteners with 0–2000 RPM screw gun equipped with depth sensing nose piece. Requires pre-drilling.

Use of T25W drive bit is required.

Use of 4.5 mm drill bit is required for pre-drilling up to 1/8" (3.2 mm) thick Alu and up to 12 Ga steel

Use of 5.1 mm drill bit is required for pre-drilling 1/4" Alu

Use the DG drill gauge to center your pre-drilling

