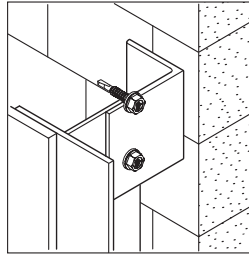


Application

- Rainscreen cladding aluminum support systems
- Nvelope bracket to aluminum
- Aluminum rail attachments



Features and Benefits

- Reduced thread below the head prevents oversetting and rattling with wind loads
- Available in 316 stainless steel for increased lifetime with no fastener inspection
- Versatile 5/16" hexagonal external drive and SR2 internal drive
- Optimized drill point reduces installation times with a drilling capacity of up to 5mm in aluminum

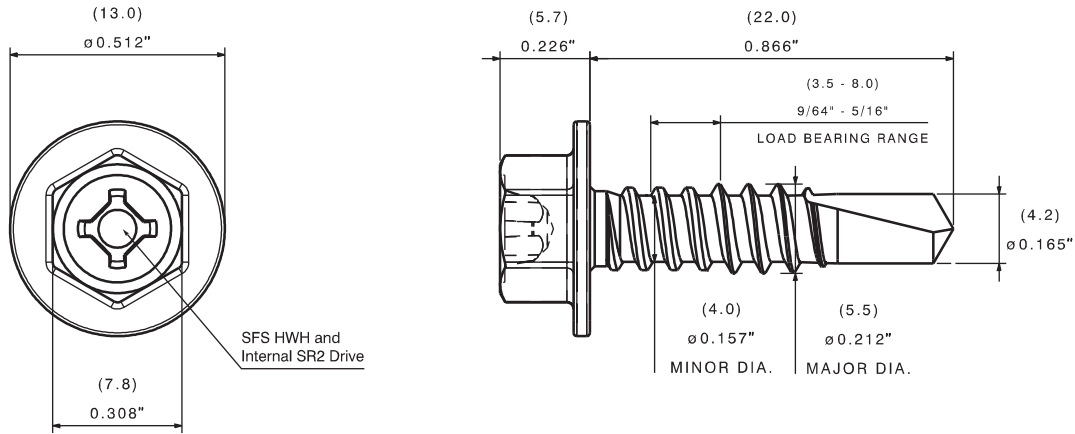
Product Selection

Material No.	Fastener Length	Load Bearing Range*	Description	Carton Wt. (lbs.)	Carton Qty.
1507572	7/8"	9/64" - 5/16"	SDA5/3.5-8-H13-S4-5.5x22	5.5	500

* The application thickness, including the substrate, must be thicker than 9/64" but no thicker than 5/16".

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: SDA5/3.5-8-H13-S4-Rev1R



Product Specifications

Diameter:	#12 (5.5)	Drill Capacity:	0.197" (5mm) Max
Threads Per Inch:	14	Thread Major Dia:	0.212" (5.5mm)
Head Style:	HWH 5/16" (7.8mm) AF with SR2 internal drive	Thread Minor Dia:	0.157" (4.0mm)
Drill Point:	SD3		

Performance Data¹

Material Strength

Tensile	2528 lbf / 11246 N
Shear	1731 lbf / 7698 N
Torsional	65 lbf-in / 7.5 N·m

Pull Out Strength Aluminum

2.2mm L or T rail (0.087")* :	581 lbf / 2584 N
2.5mm L or T rail (0.098")* :	808 lbf / 3594 N
1/8" 6063-T5 (3.2mm):	993 lbf / 4417 N

¹ SFS (5653.19).

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

Installation and Application Considerations

Install fasteners with 0-2000 RPM screw driver equipped with depth sensing nose piece.

Metric values are approximate conversions.

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