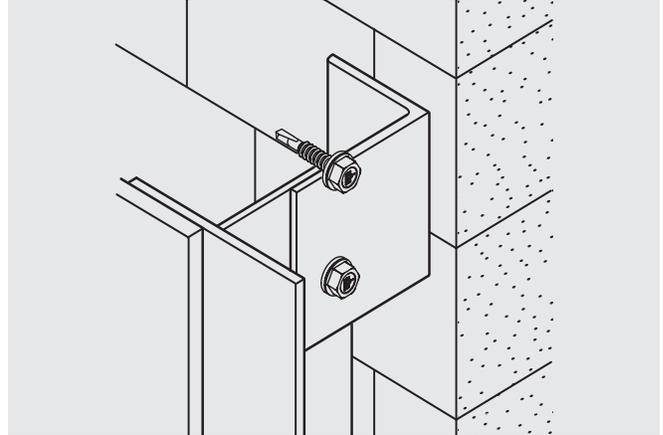


SDA5 Full 316 SS Self-driller Sub-construction Fastener



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

Application

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

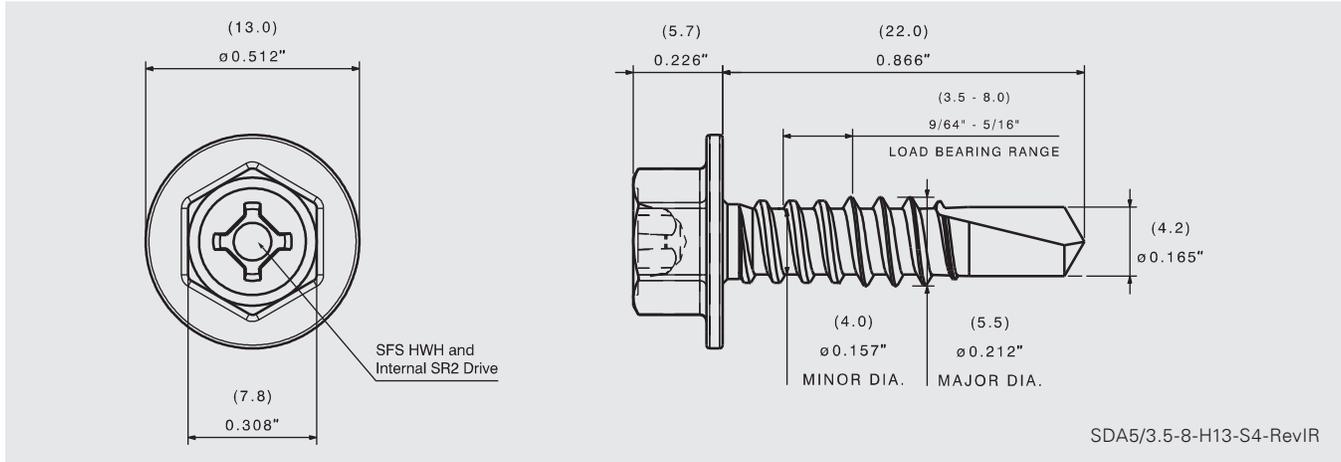
Product Selection

| Material No. | Fastener Length | | Load Bearing Length | | | | Description | Carton Wt. (lbs.) | Carton Qty. |
|--------------|-----------------|------|---------------------|------|---------|------|--------------------------|-------------------|-------------|
| | | | Minimum | | Maximum | | | | |
| | (in) | (mm) | (in) | (mm) | (in) | (mm) | | | |
| 1507572 | 7/8" | 22 | 0.14" | 3.5 | 0.31" | 8 | SDA5/3.5-8-H13-S4-5.5x22 | 5.5 | 500 |
| 1645134* | 1-3/4" | 45 | 1" | 25 | 1-1/16" | 28 | SDA5/25-28-H13-S4-5.5x45 | 10 | 500 |

*This length is specifically designed for the bracket-to-rail connection for the NVELOPE NH3 system.



SDA5 Full 316 SS Self-driller Sub-construction Fastener



Product Specifications

Diameter: #12 (5.5 mm)
 Threads Per Inch: 14
 Head Style: HWH 5/16" (7.8 mm) AF with SR2 internal drive
 Material: 316SS

Drill Point: SD3
 Drill Capacity: 0.197" (5 mm) Max
 Thread Major Dia: 0.212" (5.5 mm)
 Thread Minor Dia: 0.157" (4.0 mm)

Performance Data¹

Material Strength

| | |
|-----------|-----------------------|
| Tensile | 2530 lbf / 11254 N |
| Shear | 1705 lbf / 7584 N |
| Torsional | 92 lbf-in / 10.39 N·m |

Pull Out Strength Aluminum

| | |
|-------------------------------------|------------------|
| 2.2 mm L or T rail (0.087")* | 756 lbf / 3363 N |
| 2.5 mm L or T rail (0.098")* | 856 lbf / 3308 N |
| 1/8" 6063-T5 (3.2 mm) | 951 lbf / 4230 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.