

Application

- Insulation and membrane attachment to steel or wood in a corrosive environment



Features and Benefits

- 410 stainless steel provides resistance to corrosion in mild to light industrial environments
- Extra stable #3 Phillips drive
- Low profile truss head
- 13 threads per inch provides higher pull-out values

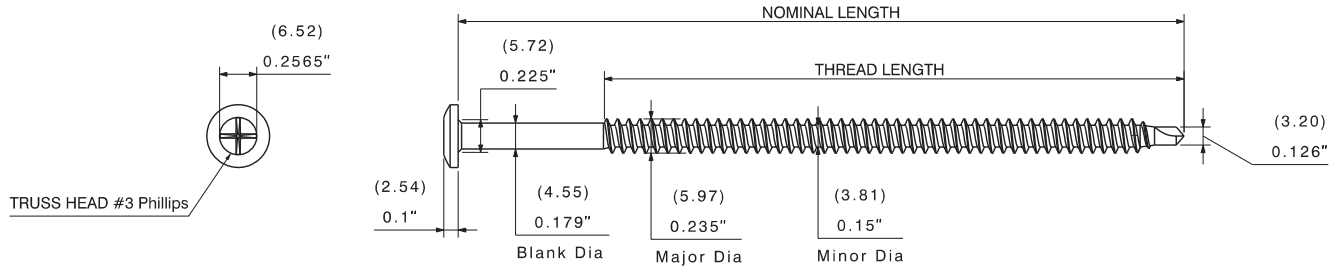
Product Selection

Material No.	Fastener Length	Thread* Length	Description	Carton Wt. (lbs.)	Carton Qty.
791371	1-1/2"	Full	DF-S4-#14x1-1/2-PH3-B	14	1000
791373	2"	Full	DF-S4-#14x2-PH3-B	18	1000
791376	3"	2-7/8"	DF-S4-#14x3-PH3-B	25	1000
791379	4"	3-7/8"	DF-S4-#14x4-PH3-B	32	1000
791381	5"	3-7/8"	DF-S4-#14x5-PH3-B	39	1000
791383	6"	3-7/8"	DF-S4-#14x6-PH3-B	46	1000
791385	7"	3-7/8"	DF-S4-#14x7-PH3-B	27	500
791387	8"	3-7/8"	DF-S4-#14x8-PH3-B	30	500
791389	10"	3-7/8"	DF-S4-#14x10-PH3-B	39	250
1298264	12"	3-7/8"	DF-S4-#14x12-PH3-B	48	250

* Note - Thread length measured from tip of the drill point 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: DF-S4-#14-RevC



Performance Data^{1,2,3}

Material Strength

Tensile	4000 lbf / 17793 N
Shear	2800 lbf / 12455 N
Torsional	100 lbf-in / 11.30 N-m

¹ SFS-SC12250.10.17

² SFS 5509.18

³ PLK Standard

Pull Out Strength Steel

22 Ga Grade 40 steel (0.8mm):
428 lbf / 1904 N
22 Ga Grade 80 steel (0.8mm):
568 lbf / 2527 N

Pull Out Strength Wood

19/32" (15.1mm) FR Plywood (through penetration):
552 lbf / 2455 N

Coating and Corrosion

15/15 Kesternich per FM 4470
950 hour salt spray per ASTM B117
Passivated stainless finish

Approvals



State of Florida: FL20311

Installation and Application Considerations

Tools: 2000 – 2500 rpm screw guns with hardened #3 Phillips bit. The standard carton package includes one #3 Phillips bit.
Not recommended for use in heavy industrial or marine environments, including swimming pool enclosures. For these applications, contact SFS for a stainless fastener recommendation.

Material:

- Steel thickness from 22 ga (.030") through 18 ga (.048"): Min penetration: 3/4"
- Wood 2x (1-1/2" thick): Min penetration: 1"
- Plywood and OSB (3/4" thick): Min through penetration: 1/4"

Use with:

- Stress plates
- Batten bar
- Other attachment elements approved by the roofing system manufacturer for use with its products.

Metric values are approximate conversions.

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