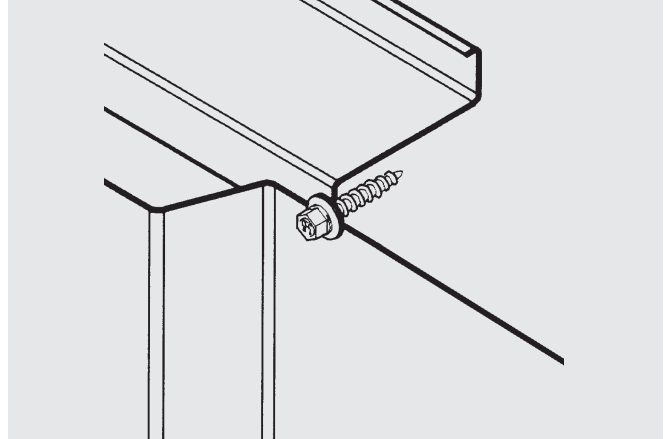


#14 Type A Self-tapping Metal to Metal Fastener



Features and Benefits

- Zinc plated carbon steel
- Available with no sealing washer or with bond seal washer
- Long lengths available for specialty applications

Application

Metal panel to light and medium gauge metal application

Product Selection

Material No.	Fastener Length	Thread Length*	Description	Carton Wt. (lbs.)	Carton Qty.
783137	3/4"	Full	TA-#14x3/4-H3/8-GB19/32	33	2,500
783245	1"	Full	TA-#14x1-H3/8-GB19/32	40	2,500
1601375	1-1/4"	Full	TA-#14x1-1/4-H3/8-GB19/32	36	2,000
783873	1-1/2"	Full	TA-#14x1-1/2-H3/8-GB19/32	40	2,000
783923	2"	Full	TA-#14x2-H3/8-GB19/32	25	1,000
784086	2-1/2"	Full	TA-#14x2-1/2-H3/8-GB19/32	30	1,000
784127	3"	Full	TA-#14x3-H3/8-GB19/32	27	750
784146 ♦	3-1/2"	3"	TA-#14x3-1/2-H3/8-GB19/32	28	750
784153 ♦	4"	3"	TA-#14x4-H3/8-GB19/32	21	500
784170 ♦	5"	3"	TA-#14x5-H3/8-GB19/32	25	500
784181 ♦	6"	3"	TA-#14x6-H3/8-GB19/32	16	250

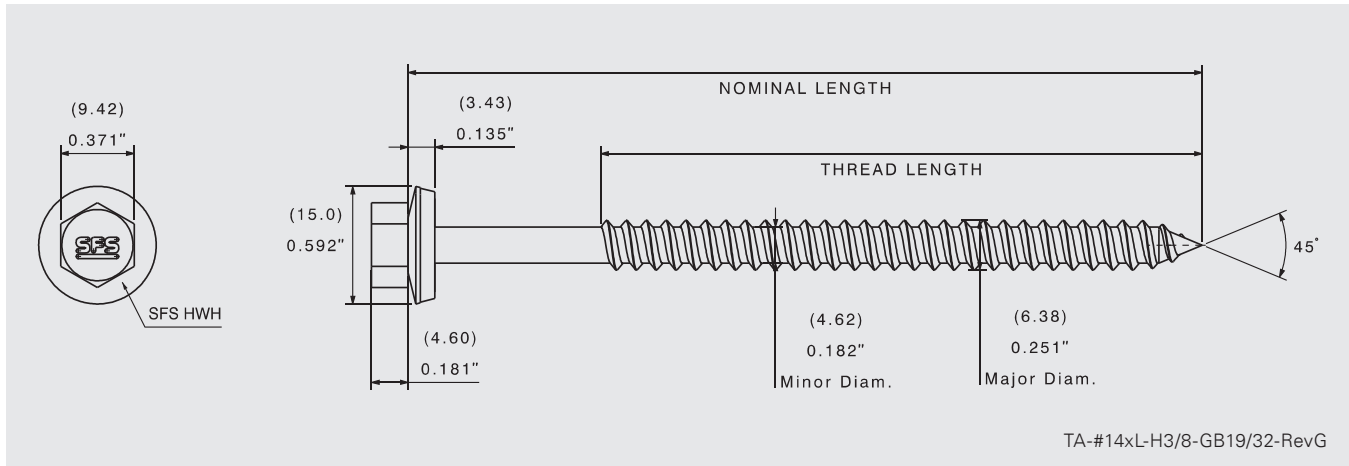
Plain product bagged 250 pieces, unless otherwise noted.

♦ Plain product bulk carton packed.

*Note - Thread length measured from tip of point to top of the threads.



#14 Type A Self-tapping Metal to Metal Fastener



Product Specifications

Diameter: #14 (6.38 mm)
 Threads Per Inch: 10
 Head Style: 3/8" dia. HH AF (9.42 mm)
 Washer: 19/32" galvanized and EPDM bond seal (15 mm)

Drill Point: Type A
 Drill Capacity: 0.044"–0.075" (1.12 mm–1.91 mm)
 Thread Major Dia: 0.251" (6.38 mm)
 Thread Minor Dia: 0.182" (4.62 mm)

Performance Data^{1,2,3}

Material Strength		Pull Out Strength Steel		Pull Over Strength Steel	
Tensile	3500 lbf / 15569 N	18 Ga (1.2 mm)	605 lbf / 2691 N	26 Ga (0.5 mm)	616 lbf / 2740 N
Shear	2400 lbf / 10676 N	16 Ga (1.5 mm)	958 lbf / 4261 N	24 Ga (0.6 mm)	884 lbf / 3932 N
Torsional	125 lbf-in / 14.12 N·m	14 Ga (1.9 mm)	1318 lbf / 5863 N	22 Ga (0.8 mm)	1079 lbf / 4799 N

¹ Pull out values based on 45 ksi cold formed sheet steel.

² SFS [4031.05, 4812.11]

³ S-120, SA6

Installation and Application Considerations

Tools: 0–1000 rpm screw gun equipped with depth sensing nose piece.

Metal thickness	Drill bit size
0.021"–0.026" (0.53 mm-0.66 mm)	1/8" (3.18 mm)
0.027"–0.050" (0.69 mm-1.27 mm)	3/16" (4.75 mm)
0.051"–0.075" (1.29 mm-1.9 mm)	#8 (5.05 mm)

Use of impact guns or hammer drills is not recommended.

The hole size determines installation performance and pull out strength. Thickness is based on normal, single thickness purlin/girt or multiple material thickness combined for total.

Fastener length should provide for a minimum of 3/16" penetration of fully developed threads into metal substrate.

Metric values are approximate conversions.

The details stated are results of tests and/or calculations and therefore are non-binding and do not represent warranties 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.

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