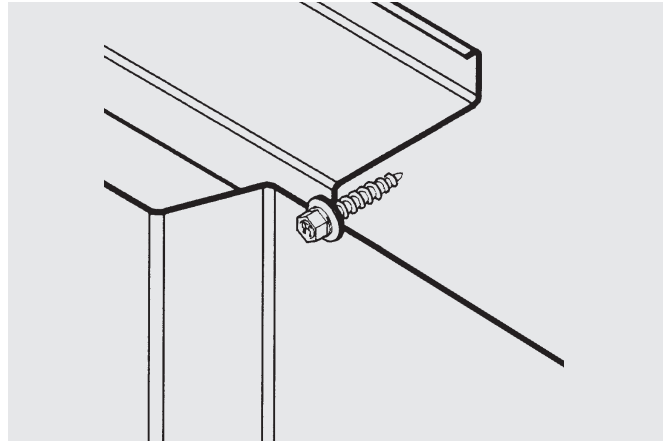


#14 Type A Self-tapping Metal to Metal Fastener



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

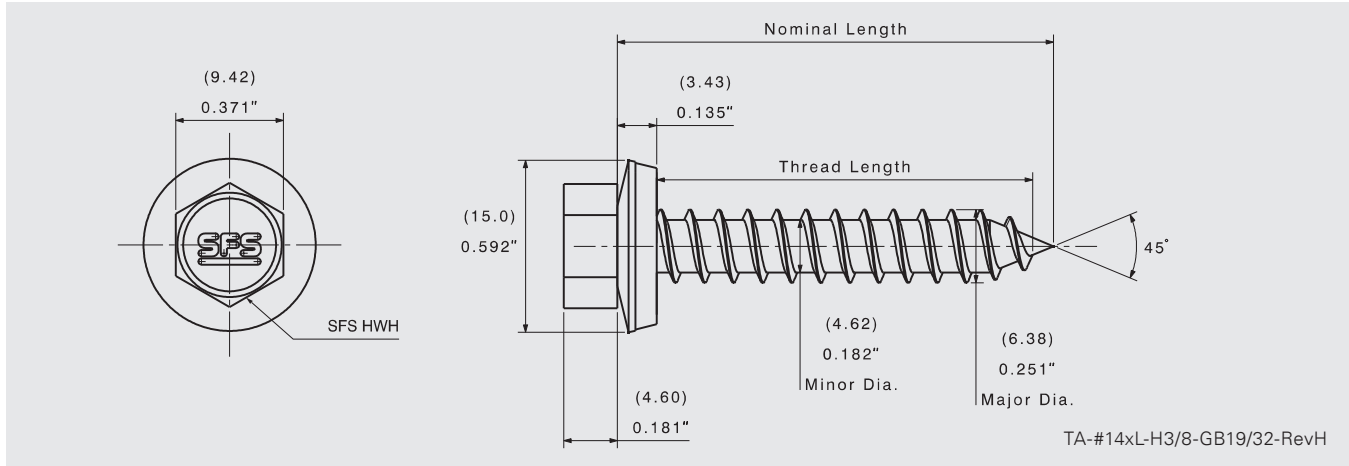
Material No.	Fastener Length		Thread Length*	Min Load Bearing Length		Max Load Bearing Length		Description	Carton Wt. (lbs.)	Carton Qty.
	(in)	(mm)		(in)	(mm)	(in)	(mm)			
783245	1"	25	Full	n/a	n/a	0.50"	12	TA-#14x1-H3/8-GB19/32	40	2,500
783873	1-1/2"	38	Full	n/a	n/a	1.00"	25	TA-#14x1-1/2-H3/8-GB19/32	40	2,000
783923	2"	51	Full	n/a	n/a	1.50"	38	TA-#14x2-H3/8-GB19/32	25	1,000
784127	3"	76	Full	n/a	n/a	2.50"	64	TA-#14x3-H3/8-GB19/32	27	750
784153 ♦	4"	102	3"	1.30"	33	3.50"	89	TA-#14x4-H3/8-GB19/32	21	500

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

Tensile	3500 lbf / 15569 N
Shear	2400 lbf / 10676 N
Torsional	125 lbf-in / 14.12 N·m

Pull Out Strength Steel

18 Ga (1.2 mm)	605 lbf / 2691 N
16 Ga (1.5 mm)	958 lbf / 4261 N
14 Ga (1.9 mm)	1318 lbf / 5863 N

Pull Over Strength Steel

26 Ga (0.5 mm)	616 lbf / 2740 N
24 Ga (0.6 mm)	884 lbf / 3932 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.