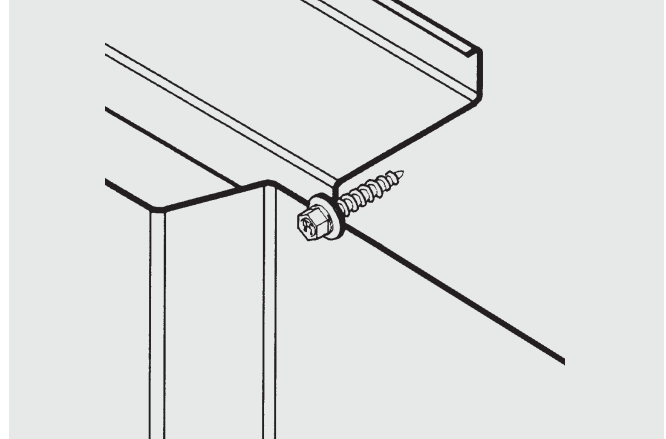


# #14 Type A Self-tapping Metal to Metal Fastener



## 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)			
783137	3/4"	29	Full	n/a	n/a	0.25"	6	TA-#14x3/4-H3/8-GB19/32	33	2,500
783245	1"	25	Full	n/a	n/a	0.50"	12	TA-#14x1-H3/8-GB19/32	40	2,500
1601375	1-1/4"	32	Full	n/a	n/a	0.75"	19	TA-#14x1-1/4-H3/8-GB19/32	18	1,000
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
784086	2-1/2"	64	Full	n/a	n/a	2.00"	51	TA-#14x2-1/2-H3/8-GB19/32	30	1,000
784127	3"	76	Full	n/a	n/a	2.50"	64	TA-#14x3-H3/8-GB19/32	27	750
784146 ♦	3-1/2"	89	3"	0.80"	20	3.00"	76	TA-#14x3-1/2-H3/8-GB19/32	28	750
784153 ♦	4"	102	3"	1.30"	33	3.50"	89	TA-#14x4-H3/8-GB19/32	21	500
784170 ♦	5"	127	3"	2.30"	58	4.50"	114	TA-#14x5-H3/8-GB19/32	25	500
784181 ♦	6"	152	3"	3.30"	84	5.50"	140	TA-#14x6-H3/8-GB19/32	16	250

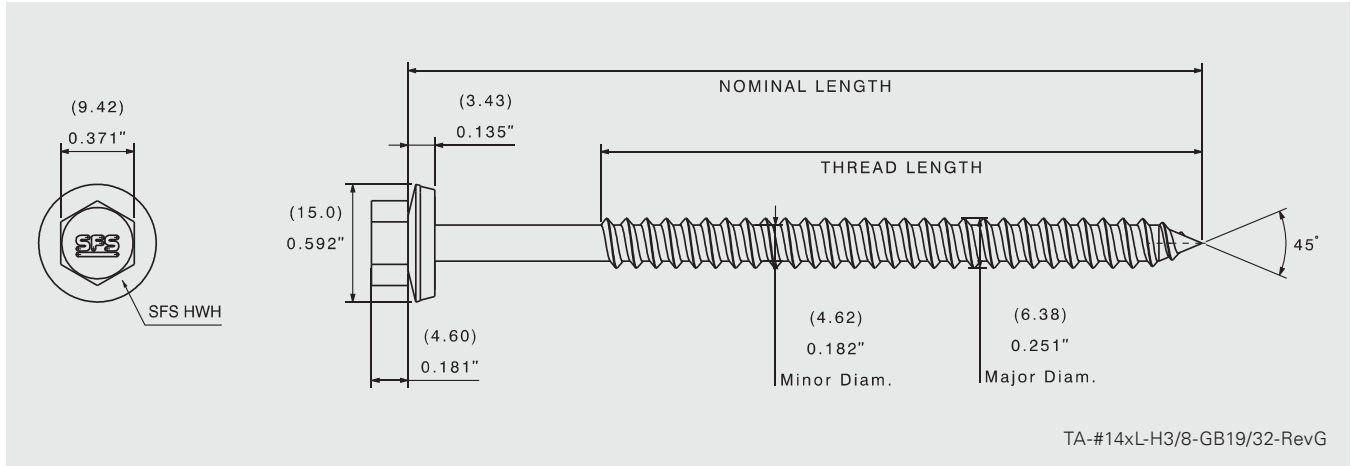
Plain product bagged 250 pieces, unless otherwise noted.

♦ 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<sup>1,2,3</sup>

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

<sup>1</sup> Pull out values based on 45 ksi cold formed sheet steel.

<sup>2</sup> SFS [4031.05, 4812.11]

<sup>3</sup> 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.