

304 SS & CARBON STEEL TAPPERS


Self tapping fasteners for applications requiring extra corrosion protection.



Applications


 Clips to structural or bar joist.


 Liner panels to structural steel or bar joist.

 Longer length fasteners can be used in retrofit clip & sheet applications.

 Coastal applications. (Stainless Steel Only)

Product Features

 304 Stainless Steel for added corrosion protection.

 Vulcanized bonding of washer eliminates separation.

 Engineered for fast and smooth tapping with less effort.

Product Specifications

Material304 Stainless Steel or Carbon Steel
Diameter#14
Thread Form14-10
Head Style3/8" AF HWH
PointType A
FinishElectro Zinc

Head Style



Hex Head
with Bonded Washer

304 SS & CARBON TAPPERS

PRODUCT REPORT No. 040601

Selector Guide



Carbon Steel Electro Zinc Part Number	304 Series Electro Zinc Part Number	Description	Carbon Steel Box Qty.	304 SS Box Qty.
1874200	1863000	14 x 3/4" HWH W/ BD Type A Tappers	2,500	2,500
1875200	1864000	14 x 1" HWH W/ BD Type A Tappers	2,500	2,500
1877200	1866000	14 x 1-1/2" HWH W/ BD Type A Tappers	2,000	2,000
1879200	-	14 x 2" HWH W/ BD Type A Tappers	1,500	-

Performance Data

with Bonded Washer		PULLOUT VALUES (average lbs ultimate)							
		Gauge	26	24	22	20	18	16	14
Fastener		Thickness	0.018	0.024	0.030	0.036	0.048	0.060	0.075
14	Type A	Drill Size	1/8"	5/32"	5/32"	3/16"	3/16"	#7	#7
14	Type A		191	252	336	371	545	694	884







with Bonded Washer		PULLOUT VALUES (average lbs ultimate)							
		Gauge	26	24	22	20	18	16	14
Fastener		Thickness	0.018	0.024	0.030	0.036	0.048	0.060	0.075
14	Type A	Drill Size	1/8"	5/32"	5/32"	3/16"	3/16"	#7	#7
14	Type A		595	827	1093	1341	1931	2229	2696

with Bonded Washer		SHEAR VALUES (average lbs ultimate)					
		Gauge	26-14	24-14	22-14	20-14	18-14
Fastener		Drill Size	#7	#5	#2	#2	.234"
14	Type A		534	704	863	1245	2120

304 SS FASTENER VALUES (average lbs ultimate)			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Fastener (min. in. lbs.)
14-10	2684	2148	127

CARBON STEEL FASTENER VALUES (average lbs ultimate)			
Fastener (dia-tpi)	Tensile (lbs. min.)	Shear (avg. lbs. ult.)	Fastener (min. in. lbs.)
14-10	4060	2600	150

Installation Guidelines

-  A standard screwgun with a depth sensitive nosepiece should be used to install Tappers. For optimal fastener performance, the screwgun should be a minimum of 6 amps and have an RPM range of 0-2500.
-  Adjust the screwgun nosepiece to properly seat the fastener.
-  New magnetic sockets must be correctly set before use. Remove chip build-up as needed.
-  The fastener is fully seated when the head is flush with the work surface.
-  Overdriving may result in torsional failure of the fastener or stripout of the substrate.
-  The fastener must penetrate beyond the metal structure a minimum of 3 pitches of thread.



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