

304SS SERIES

How to Specify the Proper Fastener

Fastener Selection Guide

300 series stainless steel fasteners require a socket driver with 1,000 RPM maximum speed. Drill size recommendations assumes 50-55000 psi yield steel. Higher tensile steel may require adjustments in the drill size to permit proper installation.

IN STOCK: 304 Stainless Steel Self-Tapping Fasteners with Washers.

Suggested Drill Size/Pullout Values (#14 and 1/4 Diameters)

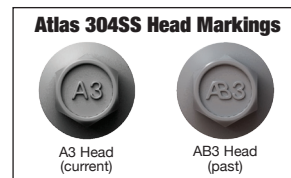
Steel Thickness	Optimal Point Type	Alternative Point Type **	Drill Size	Avg. Ultimate Pullout
26	A-AB	-	1/8" (.125)	243 lbs.
24	A-AB	-	5/32" (.156)	340 lbs.
22	A-AB	-	5/32" (.156)	372 lbs.
20	A-AB	-	5/32" (.156)	412 lbs.
18	A-AB	BP	3/16" (.187)	518 lbs.
16	A-AB	B-BP	3/16" (.187)	850 lbs.
14	AB	B-BP	#7 (.201)	1,318 lbs.
12	AB-BP	B	#7 (.201)	1,681 lbs.
1/8"	AB-B-BP	-	#2 (.221)	1,780 lbs.
10	AB-B-BP	-	#2 (.221)	1,812 lbs.
3/16"	B-BP	-	#2 (.221)	2,677 lbs.
1/4"	B-BP	-	#2 (.221)	3,134 lbs.
3/8"	B-BP	-	#1 .228 or .232 (5.9 mm) *	(exceeds tensile strength)
1/2"	B-BP	-	#1 .228 or .232 (5.9 mm) *	(exceeds tensile strength)

* - The use of a .232" (5.9mm) pre-drill bit can prevent rollover of thread in harder substrates

** - As this thread type provides the same strength value, the point type may not provide optimal ease of installation

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Size	A	Size	AB	B	Head Size	#Per M.	Box Qty.
14-10 x 2"	00207ZLN99VV	1/4"-14 x 2"	-	70250ZLN99VV	3/8" HH	26.0	1,000
14-10 x 2 1/2"	00209ZLN99VV	1/4"-14 x 2 1/2"	70298ZLN99VV	70289ZLN99VV	3/8" HH	30.0	1,000
14-10 x 3"	00210ZLN99VV	1/4"-14 x 3"	-	70252ZLN99VV	3/8" HH	34.0	500
14-10 x 3 1/2"	-	1/4"-14 x 3 1/2"	-	70253ZLN99VV	3/8" HH	38.0	500
14-10 x 4"	00212ZLN99VV	1/4"-14 x 4"	-	70279ZLN99VV	3/8" HH	44.6	500
14-10 x 5"	00294ZLN99VV	1/4"-14 x 5"	-	70282ZLN99VV	3/8" HH	53.5	300
14-10 x 6"	00305ZLN99VV	1/4"-14 x 6"	-	70280ZLN99VV	3/8" HH	61.5	250



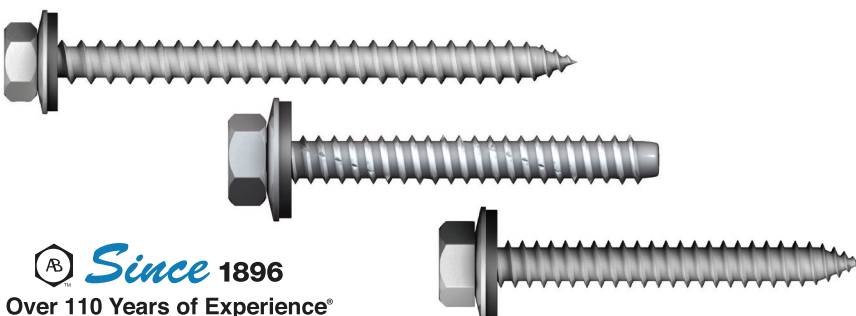
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