

STAINLESS STEEL FLANGE NUT & BOLT SET ASTM F593 / ASTM F594

Features

- For ANSI 150# Flanges
- Lengths for Joining Two Flanges*
- Material: 304 & 316 Stainless Steel
- Finish: Material Finish
- Sizes: 1/2" to 12"

Standards

- Cap Screws:
 - Material - ASTM F593 Grp 1 (304) or 2 (316)
 - Heat Treatment: Condition CW
 - Dimensions - ASME B18.2.1
 - Thread - Class 2A
- Nuts:
 - Material - ASTM F594 Grp 1 (304) or 2 (316)
 - Dimensions - ASME B18.2.2
 - Thread - Class 2B

Cap Screw Properties

- 1/4" to 5/8":
 - Tensile - 100 to 150 KSI
 - Hardness - B95 to C32
 - Yield - 65 KSI
- 3/4" to 7/8":
 - Tensile - 85 to 140 KSI
 - Hardness - B80 to C32
 - Yield - 45 KSI



* Based on 1/16" raised face and 1/8" gasket

Figure Number Matrix

FNW NBSS 4 1 Size			
MATERIAL	FLANGE	SIZE CODE	
304SS = 4	150# = 1	1/2 = D	3 = M
316SS = 6		3/4 = F	4 = P
		1 = G	5 = S
		1-1/4 = H	6 = U
		1-1/2 = J	8 = X
		2 = K	10 = 10
		2-1/2 = L	12 = 12

Pack Quantities & Screw Sizes (inches)

Size	Bolt Qty	Nut Qty	Diameter	Bolt Length
1/2	4	4	1/2-13	2
3/4	4	4	1/2-13	2
1	4	4	1/2-13	2-1/4
1-1/4	4	4	1/2-13	2-1/4
1-1/2	4	4	1/2-13	2-1/2
2	4	4	5/8-11	2-3/4
2-1/2	4	4	5/8-11	3
3	4	4	5/8-11	3
4	8	8	5/8-11	3
5	8	8	3/4-10	3-1/4
6	8	8	3/4-10	3-1/4
8	8	8	3/4-10	3-1/2
10	12	12	7/8-9	4
12	12	12	7/8-9	4

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