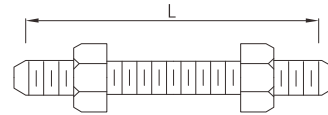


Stud bolt, nut and washer for ANSI flange connection



- Certificate: ISO
- Flange type: ASME B16.5, GB/T 9124.2, Class 150 / 300
- Material: Alloy steel or stainless steel
- Bolt type: Threaded full length, or threaded double ends
- Surface: Electro-galvanized, hot dip galvanized, passivated, dacromet, or plain
- Temperature: Alloy steel -100 ~ 525°C, and SS -196 ~ 800°C



	Stud bolt	Heavy hex nut	Plain washer
Standard	ASME B18.31.2, or HG/T 20634	ASME B18.2.2, or GB/T 6175	ASME B18.22.1, ASTM F844, or GB/T 97.2
Material	ASTM A320 L7, ASTM A 193 (Gr. B7, B7M, B8, B8M), GB/T 3098.1 8.8, GB/T 3077 35CrMo, 42CrMo, 0Cr18Ni9, 0Cr17Ni12Mo2	ASTM A563 (Gr. A, C and DH), ASTM A194 (Gr. 2H, 7, 8 and 8M), 30CrMo, 35CrMo, 0Cr18Ni9, 0Cr17Ni12Mo2	ASTM F436, ASTM A36, ASTM A572, 200 HV, 300 HV, carbon steel, stainless steel
Mating flange	≤ Class 2500 (PN420)	≤ Class 2500 (PN420)	≤ Class 2500 (PN420)

Available size for pipe flange Class 150

Size			Flange bolting	Stud bolt		Heavy hex nut	Plain washer	Ref. No.
NPS	DN	OD (mm)		Size	length (mm)			
1/2"	15	21.3	4 x 5/8"	1/2" (M14)	55 / 70	1/2" (M14)	1/2" (M14)	N9701-150
3/4"	20	26.7	4 x 5/8"	1/2" (M14)	65 / 70	1/2" (M14)	1/2" (M14)	N9702-150
1"	25	33.4	4 x 5/8"	1/2" (M14)	65 / 75	1/2" (M14)	1/2" (M14)	N9703-150
1-1/4"	32	42.2	4 x 5/8"	1/2" (M14)	70 / 80	1/2" (M14)	1/2" (M14)	N9704-150
1-1/2"	40	48.3	4 x 5/8"	1/2" (M14)	70 / 80	1/2" (M14)	1/2" (M14)	N9705-150
2"	50	60.3	4 x 3/4"	5/8" (M16)	85 / 90	5/8" (M16)	5/8" (M16)	N9706-150
2-1/2"	65	73.0	4 x 3/4"	5/8" (M16)	90 / 95	5/8" (M16)	5/8" (M16)	N9707-150
3"	80	88.9	4 x 3/4"	5/8" (M16)	90 / 100	5/8" (M16)	5/8" (M16)	N9708-150
4"	100	114.3	8 x 3/4"	5/8" (M16)	90 / 100	5/8" (M16)	5/8" (M16)	N9709-150
5"	125	141.3	8 x 7/8"	3/4" (M20)	95 / 110	3/4" (M20)	3/4" (M20)	N9710-150
6"	150	168.3	8 x 7/8"	3/4" (M20)	100 / 110	3/4" (M20)	3/4" (M20)	N9711-150
8"	200	219.1	8 x 7/8"	3/4" (M20)	110 / 115	3/4" (M20)	3/4" (M20)	N9712-150
10"	250	273.0	12 x 1"	7/8" (M24)	115 / 130	7/8" (M24)	7/8" (M24)	N9713-150
12"	300	323.8	12 x 1"	7/8" (M24)	120 / 130	7/8" (M24)	7/8" (M24)	N9714-150
14"	350	355.6	12 x 1-1/8"	1" (M27)	135 / 145	1" (M27)	1" (M27)	N9715-150

Stud bolt, nut and washer for ANSI flange connection

Available size for pipe flange Class 150

Size			Flange bolting	Stud bolt		Heavy hex nut	Plain washer	Ref. No.
NPS	DN	OD (mm)		Size	length (mm)			
16"	400	406.4	16 x 1-1/8"	1" (M27)	135 / 150	1" (M27)	1" (M27)	N9716-150
18"	450	457	16 x 1-1/4"	1-1/8" (M30)	145 / 160	1-1/8" (M30)	1-1/8" (M30)	N9717-150
20"	500	508	20 x 1-1/4"	1-1/8" (M30)	160 / 175	1-1/8" (M30)	1-1/8" (M30)	N9718-150
24"	600	610	20 x 1-3/8"	1-1/4" (M33)	170 / 190	1-1/4" (M33)	1-1/4" (M33)	N9719-150

Note:

1. For stud bolt, other length is also available as customer request.
2. Additional sizes, such as 1/4", 5/16", 3/8", 7/16", are available for stud bolt, heavy hex nut, and plain washer as customer request.

Available size for pipe flange Class 300

Size			Flange bolting	Stud bolt		Heavy hex nut	Plain washer	Ref. No.
NPS	DN	OD (mm)		Size	length (mm)			
1/2"	15	21.3	4 x 5/8"	1/2" (M14)	65 / 75	1/2" (M14)	1/2" (M14)	N9701-300
3/4"	20	26.7	4 x 3/4"	5/8" (M16)	75 / 80	5/8" (M16)	5/8" (M16)	N9702-300
1"	25	33.4	4 x 3/4"	5/8" (M16)	75 / 85	5/8" (M16)	5/8" (M16)	N9703-300
1-1/4"	32	42.2	4 x 3/4"	5/8" (M16)	85 / 90	5/8" (M16)	5/8" (M16)	N9704-300
1-1/2"	40	48.3	4 x 7/8"	3/4" (M20)	90 / 100	3/4" (M20)	3/4" (M20)	N9705-300
2"	50	60.3	8 x 3/4"	5/8" (M16)	90 / 95	5/8" (M16)	5/8" (M16)	N9706-300
2-1/2"	65	73.0	8 x 7/8"	3/4" (M20)	100 / 110	3/4" (M20)	3/4" (M20)	N9707-300
3"	80	88.9	8 x 7/8"	3/4" (M20)	110 / 115	3/4" (M20)	3/4" (M20)	N9708-300
4"	100	114.3	8 x 7/8"	3/4" (M20)	115 / 125	3/4" (M20)	3/4" (M20)	N9709-300
5"	125	141.3	8 x 7/8"	3/4" (M20)	120 / 130	3/4" (M20)	3/4" (M20)	N9710-300
6"	150	168.3	12 x 7/8"	3/4" (M20)	120 / 135	3/4" (M20)	3/4" (M20)	N9711-300
8"	200	219.1	12 x 1"	7/8" (M24)	140 / 150	7/8" (M24)	7/8" (M24)	N9712-300
10"	250	273.0	16 x 1-1/8"	1" (M27)	160 / 170	1" (M27)	1" (M27)	N9713-300
12"	300	323.8	16 x 1-1/4"	1-1/8" (M30)	170 / 185	1-1/8" (M30)	1-1/8" (M30)	N9714-300
14"	350	355.6	20 x 1-1/4"	1-1/8" (M30)	180 / 190	1-1/8" (M30)	1-1/8" (M30)	N9715-300
16"	400	406.4	20 x 1-3/8"	1-1/4" (M33)	190 / 205	1-1/4" (M33)	1-1/4" (M33)	N9716-300
18"	450	457	24 x 1-3/8"	1-1/4" (M33)	195 / 210	1-1/4" (M33)	1-1/4" (M33)	N9717-300
20"	500	508	24 x 1-3/8"	1-1/4" (M33)	205 / 220	1-1/4" (M33)	1-1/4" (M33)	N9718-300
24"	600	610	24 x 1-5/8"	1-1/2" (M39)	230 / 245	1-1/2" (M39)	1-1/2" (M39)	N9719-300

Note:

1. For stud bolt, other length is also available as customer request.
2. Additional sizes, such as 1/4", 5/16", 3/8", 7/16", are available for stud bolt, heavy hex nut, and plain washer as customer request.