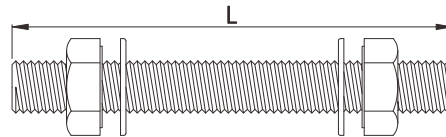


Stud bolt, nut and washer for EN flange connection



- Certificate: ISO
- Flange type: EN 1092-1, EN 1092-2
- Material: Carbon steel or stainless steel
- Thread: Coarse thread, 6g and 6H per ISO 965-1
- Thread length: Full thread
- Surface: CS, zinc electroplated / hot-dip galvanized / phosphated and oiled / Dacromet
SS, mill finish / passivated



Fastener set for flanged connection

Product	Stud bolt x 1	Heavy hex nut x 2	Plain washer (chamfered or flat) x 2
Standard	DIN 976-1, HG/T 20613	ISO 4032, GB/T 6170	ISO 7089, ISO 7090, GB/T 97.2
Material (Carbon steel)	ISO 898-1 Class 6.8 / 8.8 / 10.9 EN 10269 42CrMo4 + QT	ISO 898-2 Class 6 / 8 / 10 EN 10269 42CrMo4 + QT	Carbon steel 200 HV / 300 HV
Material (Stainless steel)	ISO 3506-1 Gr. A2-70 or 80 (304) ISO 3506-1 Gr. A4-70 or 80 (316)	ISO 3506-2 A2-70 or 80 (304) ISO 3506-2 A4-70 or 80 (316)	Stainless steel 200 HV / 300 HV
Mating flange	PN 16, PN 25, PN 40, etc.	PN 16, PN 25, PN 40, etc.	PN 16, PN 25, PN 40, etc.

Available size for pipe flange PN 16

Size			Flange bolting	Heavy hex bolt		Heavy hex nut	Plain washer	Ref. No.
NPS	DN	OD (mm)		Size	L (mm)			
1/2"	15	21.3	4 x 14	M12	70	M12	M12	NE4701-PN16
3/4"	20	26.9	4 x 14	M12	75	M12	M12	NE4702-PN16
1"	25	33.7	4 x 14	M12	75	M12	M12	NE4703-PN16
1-1/4"	32	42.4	4 x 18	M16	85	M16	M16	NE4704-PN16
1-1/2"	40	48.3	4 x 18	M16	85	M16	M16	NE4705-PN16
2"	50	60.3	4 x 18	M16	85	M16	M16	NE4706-PN16
2-1/2"	65	76.1	8 (4) x 18	M16	85	M16	M16	NE4707-PN16
3"	80	88.9	8 x 18	M16	90	M16	M16	NE4708-PN16
4"	100	114.3	8 x 18	M16	90	M16	M16	NE4709-PN16
5"	125	139.7	8 x 18	M16	95	M16	M16	NE4710-PN16

Stud bolt, nut and washer for EN flange connection

Available size for pipe flange PN 16

Size			Flange bolting	Heavy hex bolt		Heavy hex nut	Plain washer	Ref. No.
NPS	DN	OD (mm)		Size	L (mm)			
6"	150	165.1 / 168.3	8 x 22	M20	105	M20	M20	NE4711-PN16
8"	200	219.1	12 x 22	M20	105	M20	M20	NE4712-PN16
10"	250	273.0	12 x 26	M24	120	M24	M24	NE4713-PN16
12"	300	323.9	12 x 26	M24	125	M24	M24	NE4714-PN16
14"	350	355.6	16 x 26	M24	130	M24	M24	NE4715-PN16
16"	400	406.4	16 x 30	M27	140	M27	M27	NE4716-PN16
18"	450	457	20 x 30	M27	155	M27	M27	NE4717-PN16
20"	500	508	20 x 33	M30	170	M30	M30	NE4718-PN16
24"	600	610	20 x 36	M33	200	M33	M33	NE4719-PN16

Note: Other lengths for stud bolts and additional metric sizes (such as M6, M8, M10, M14, M18, M22) are available upon request.

Available size for pipe flange PN 25

Size			Flange bolting	Heavy hex bolt		Heavy hex nut	Plain washer	Ref. No.
NPS	DN	OD (mm)		Size	L (mm)			
1/2"	15	21.3	4 x 14	M12	70	M12	M12	NE4701-PN25
3/4"	20	26.9	4 x 14	M12	75	M12	M12	NE4702-PN25
1"	25	33.7	4 x 14	M12	75	M12	M12	NE4703-PN25
1-1/4"	32	42.4	4 x 18	M16	85	M16	M16	NE4704-PN25
1-1/2"	40	48.3	4 x 18	M16	85	M16	M16	NE4705-PN25
2"	50	60.3	4 x 18	M16	90	M16	M16	NE4706-PN25
2-1/2"	65	76.1	8 x 18	M16	95	M16	M16	NE4707-PN25
3"	80	88.9	8 x 18	M16	95	M16	M16	NE4708-PN25
4"	100	114.3	8 x 22	M20	105	M20	M20	NE4709-PN25
5"	125	139.7	8 x 26	M24	120	M24	M24	NE4710-PN25
6"	150	165.1 / 168.3	8 x 26	M24	125	M24	M24	NE4711-PN25
8"	200	219.1	12 x 26	M24	130	M24	M24	NE4712-PN25
10"	250	273.0	12 x 30	M27	140	M27	M27	NE4713-PN25
12"	300	323.9	16 x 30	M27	145	M27	M27	NE4714-PN25
14"	350	355.6	16 x 33	M30	155	M30	M30	NE4715-PN25
16"	400	406.4	16 x 36	M33	170	M33	M33	NE4716-PN25
18"	450	457	20 x 36	M33	180	M33	M33	NE4717-PN25
20"	500	508	20 x 36	M33	185	M33	M33	NE4718-PN25
24"	600	610	20 x 39	M36	205	M36	M36	NE4719-PN25

Note: Other lengths for stud bolts and additional metric sizes (such as M6, M8, M10, M14, M18, M22) are available upon request.