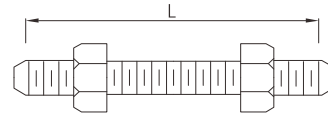


Stud bolt, nut and washer for ANSI flange connection



- 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, 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, or GB/T 97.2 |
| Material | ASTM A320 L7, 42CrMo, 8.8, ASTM A193 B8 CL.2, ASTM A193 B8M CL.2, ASTM A 193, B7 | ASTM A194 Gr. 4 or 7, 42CrMo, 8, ASTM A194 Gr.8, ASTM A194 Gr. 8M, ASTM A194, GR 2H | ASTM F436 type 1, 200 HV, 300 HV, carbon steel, stainless steel |

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 |
| 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: For stud bolt, other length is also available as customer request.

Stud bolt, nut and washer for ANSI flange connection

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: For stud bolt, other length is also available as customer request.