

FLANGE BOLTING CHARTS – DIN FLANGES

| DN | No of Bolts | PN10 | | No of Bolts | PN16 | | No of Bolts | PN25 | | No of Bolts | PN25 | |
|------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|-------------|--------|--------|
| | | Dia. | Length | | Dia. | Length | | Dia. | Length | | Dia. | Length |
| 10 | 4 | 1/2" | 65 | 4 | 1/2" | 65 | 4 | 1/2" | 65 | 4 | 1/2" | 65 |
| 15 | 4 | 1/2" | 65 | 4 | 1/2" | 65 | 4 | 1/2" | 65 | 4 | 1/2" | 65 |
| 20 | 4 | 1/2" | 70 | 4 | 1/2" | 70 | 4 | 1/2" | 70 | 4 | 1/2" | 70 |
| 25 | 4 | 1/2" | 70 | 4 | 1/2" | 70 | 4 | 1/2" | 70 | 4 | 1/2" | 70 |
| 32 | 4 | 5/8" | 80 | 4 | 5/8" | 80 | 4 | 5/8" | 80 | 4 | 5/8" | 80 |
| 40 | 4 | 5/8" | 80 | 4 | 5/8" | 80 | 4 | 5/8" | 80 | 4 | 5/8" | 80 |
| 50 | 4 | 5/8" | 80 | 4 | 5/8" | 80 | 4 | 5/8" | 80 | 4 | 5/8" | 80 |
| 65 | 8 | 5/8" | 80 | 8 | 5/8" | 80 | 8 | 5/8" | 85 | 8 | 5/8" | 85 |
| 80 | 8 | 5/8" | 80 | 8 | 5/8" | 80 | 8 | 5/8" | 90 | 8 | 5/8" | 90 |
| 100 | 8 | 5/8" | 80 | 8 | 5/8" | 80 | 8 | 3/4" | 95 | 8 | 3/4" | 95 |
| 125 | 8 | 5/8" | 85 | 8 | 5/8" | 85 | 8 | 7/8" | 110 | 8 | 7/8" | 110 |
| 150 | 8 | 3/4" | 95 | 8 | 3/4" | 95 | 8 | 7/8" | 115 | 8 | 7/8" | 115 |
| 200 | 8 | 3/4" | 95 | 12 | 3/4" | 95 | 12 | 7/8" | 115 | 12 | 1" | 130 |
| 250 | 12 | 3/4" | 100 | 12 | 7/8" | 110 | 12 | 1" | 130 | 12 | 1.1/8" | 145 |
| 300 | 12 | 3/4" | 100 | 12 | 7/8" | 110 | 16 | 1" | 130 | 16 | 1.1/8" | 155 |
| 350 | 16 | 3/4" | 100 | 16 | 7/8" | 115 | 16 | 1.1/8" | 145 | 16 | 1.1/4" | 170 |
| 400 | 16 | 7/8" | 110 | 16 | 1" | 130 | 16 | 1.1/4" | 160 | 16 | 1.3/8" | 185 |
| 450 | 20 | 7/8" | 110 | 20 | 1" | 130 | 20 | 1.1/4" | 170 | 20 | 1.3/8" | 200 |
| 500 | 20 | 7/8" | 110 | 20 | 1.1/8" | 145 | 20 | 1.1/4" | 175 | 20 | 1.1/2" | 205 |
| 600 | 20 | 1" | 125 | 20 | 1.1/4" | 160 | 20 | 1.3/8" | 180 | 20 | 1.3/4" | 250 |
| 700 | 24 | 1" | 135 | 24 | 1.1/4" | 160 | 24 | 1.1/2" | 195 | | | |
| 800 | 24 | 1.1/8" | 145 | 24 | 1.3/8" | 210 | 24 | 1.3/4" | 215 | | | |
| 900 | 28 | 1.1/8" | 145 | 28 | 1.3/8" | 215 | 28 | 1.3/4" | 220 | | | |
| 1000 | 28 | 1.1/4" | 165 | 28 | 1.1/2" | 230 | 28 | 2" | 250 | | | |
| 1200 | 32 | 1.3/8" | 195 | 32 | 1.3/4" | 265 | | | | | | |
| 1400 | 36 | 1.1/2" | 225 | 36 | 1.3/4" | 275 | | | | | | |
| 1600 | 40 | 1.3/4" | 260 | 40 | 2" | 325 | | | | | | |
| 1800 | 44 | 1.3/4" | 280 | 44 | 2" | 345 | | | | | | |
| 2000 | 48 | 1.3/4" | 290 | 48 | 2.1/4" | 385 | | | | | | |

- Studbolt sizes are approximate and to be used for guide purposes only
- Lengths are based on raised face weld neck flanges
- Blind flanges or RTJ flanges may need longer studs