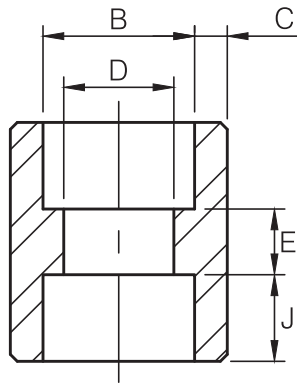


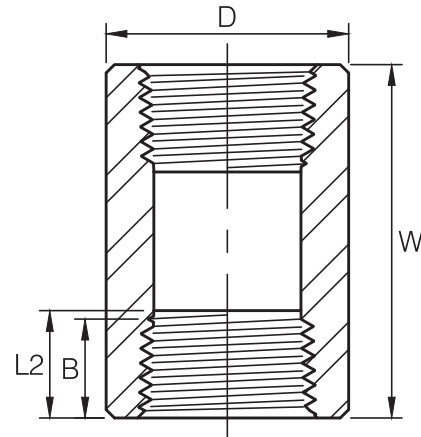


FULL COUPLING

ASME B16.11-2016 (Revision of ASME B16.11-2011)



Dimensions are in millimeters.



Dimensions are in millimeters.

| Socket Welding | | | | | | | |
|----------------|----------------|------------------|------------------|-------|------------------|------------------|---------|
| DN | Nom. Pipe Size | B ⁽²⁾ | C ⁽¹⁾ | | D ⁽²⁾ | E ⁽²⁾ | J (Min) |
| | | | (Avg) | (Min) | | | |

3000Lb

| | | | | | | | |
|-----|-------|-------|-------|------|-------|------|------|
| 6 | 1/8 | 10.8 | 3.18 | 3.18 | 6.9 | 6.5 | 9.5 |
| 8 | 1/4 | 14.2 | 3.78 | 3.30 | 9.3 | 6.5 | 9.5 |
| 10 | 3/8 | 17.6 | 4.01 | 3.50 | 12.6 | 6.5 | 9.5 |
| 15 | 1/2 | 21.8 | 4.67 | 4.09 | 15.8 | 9.5 | 9.5 |
| 20 | 3/4 | 27.2 | 4.90 | 4.27 | 21.0 | 9.5 | 12.5 |
| 25 | 1 | 33.9 | 5.69 | 4.98 | 26.7 | 12.5 | 12.5 |
| 32 | 1-1/4 | 42.7 | 6.07 | 5.28 | 35.1 | 12.5 | 12.5 |
| 40 | 1-1/2 | 48.8 | 6.35 | 5.54 | 40.9 | 12.5 | 12.5 |
| 50 | 2 | 61.2 | 6.93 | 6.04 | 52.5 | 19.0 | 16.0 |
| 65 | 2-1/2 | 73.9 | 8.76 | 7.67 | 62.7 | 19.0 | 16.0 |
| 80 | 3 | 89.8 | 9.52 | 8.30 | 78.0 | 19.0 | 16.0 |
| 100 | 4 | 115.2 | 10.69 | 9.35 | 102.3 | 19.0 | 19.0 |

6000Lb

| | | | | | | | |
|----|-------|------|-------|------|------|------|------|
| 6 | 1/8 | 10.8 | 3.96 | 3.43 | 4.0 | 6.5 | 9.5 |
| 8 | 1/4 | 14.2 | 4.60 | 4.01 | 6.4 | 6.5 | 9.5 |
| 10 | 3/8 | 17.6 | 5.03 | 4.37 | 9.2 | 6.5 | 9.5 |
| 15 | 1/2 | 21.8 | 5.97 | 5.18 | 11.8 | 9.5 | 9.5 |
| 20 | 3/4 | 27.2 | 6.96 | 6.04 | 15.6 | 9.5 | 12.5 |
| 25 | 1 | 33.9 | 7.92 | 6.93 | 20.7 | 12.5 | 12.5 |
| 32 | 1-1/4 | 42.7 | 7.92 | 6.93 | 29.5 | 12.5 | 12.5 |
| 40 | 1-1/2 | 48.8 | 8.92 | 7.80 | 34.0 | 12.5 | 12.5 |
| 50 | 2 | 61.2 | 10.92 | 9.50 | 42.9 | 19.0 | 16.0 |

9000Lb

| | | | | | | | |
|----|-------|------|-------|-------|------|------|------|
| 15 | 1/2 | 21.8 | 9.35 | 8.18 | 6.4 | 9.5 | 9.5 |
| 20 | 3/4 | 27.2 | 9.78 | 8.56 | 11.1 | 9.5 | 12.5 |
| 25 | 1 | 33.9 | 11.38 | 9.96 | 15.2 | 12.5 | 12.5 |
| 32 | 1-1/4 | 42.7 | 12.14 | 10.62 | 22.8 | 12.5 | 12.5 |
| 40 | 1-1/2 | 48.8 | 12.70 | 11.12 | 28.0 | 12.5 | 12.5 |
| 50 | 2 | 61.2 | 13.84 | 12.12 | 38.2 | 19.0 | 16.0 |

- (1) Average of socket Wall Thickness around periphery shall be no less than listed values. The minimum values are permitted in localized areas.
- (2) Tolerance see page 21.
- (3) Reducer : "C, J, E" in accordance with large size.
"D" in accordance with small size.
The others in accordance with each size.

| Threaded | | | | | |
|----------|----------------|-------------------------|-------------------|---|---|
| DN | Nom. Pipe Size | Length of Thread. (Min) | | W | D |
| | | B ^(*) | L2 ^(*) | | |

3000Lb

| | | | | | |
|-----|-------|------|------|-----|-----|
| 6 | 1/8 | 6.4 | 6.7 | 32 | 16 |
| 8 | 1/4 | 8.1 | 10.2 | 35 | 19 |
| 10 | 3/8 | 9.1 | 10.4 | 38 | 22 |
| 15 | 1/2 | 10.9 | 13.6 | 48 | 28 |
| 20 | 3/4 | 12.7 | 13.9 | 51 | 35 |
| 25 | 1 | 14.7 | 17.3 | 60 | 44 |
| 32 | 1-1/4 | 17.0 | 18.0 | 67 | 57 |
| 40 | 1-1/2 | 17.8 | 18.4 | 79 | 64 |
| 50 | 2 | 19.0 | 19.2 | 86 | 76 |
| 65 | 2-1/2 | 23.6 | 28.9 | 92 | 92 |
| 80 | 3 | 25.9 | 30.5 | 108 | 108 |
| 100 | 4 | 27.7 | 33.0 | 121 | 140 |

6000Lb

| | | | | | |
|-----|-------|------|------|-----|-----|
| 6 | 1/8 | 6.4 | 6.7 | 32 | 22 |
| 8 | 1/4 | 8.1 | 10.2 | 35 | 25 |
| 10 | 3/8 | 9.1 | 10.4 | 38 | 32 |
| 15 | 1/2 | 10.9 | 13.6 | 48 | 38 |
| 20 | 3/4 | 12.7 | 13.9 | 51 | 44 |
| 25 | 1 | 14.7 | 17.3 | 60 | 57 |
| 32 | 1-1/4 | 17.0 | 18.0 | 67 | 64 |
| 40 | 1-1/2 | 17.8 | 18.4 | 79 | 76 |
| 50 | 2 | 19.0 | 19.2 | 86 | 92 |
| 65 | 2-1/2 | 23.6 | 28.9 | 92 | 108 |
| 80 | 3 | 25.9 | 30.5 | 108 | 127 |
| 100 | 4 | 27.7 | 33.0 | 121 | 159 |

- (*) Dimension B is minimum length of perfect thread. The length of useful thread (B plus threads with fully formed roots and flat crests) shall not be less than L2 (effective length of external thread) required by American National Standard for pipe threads (ANSI / ASME B1.20.1) .