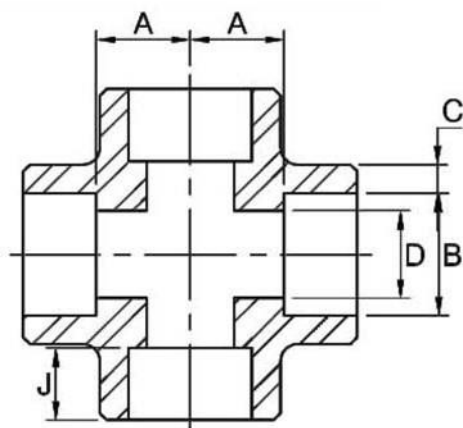


### Cross Socket Weld



| DN  | Nom Pipe Size | A    |      |      | B     | D     |      |      | C <sup>(1)</sup> |      |       |      |       |       | G (Min) |      |       | J (Min) |
|-----|---------------|------|------|------|-------|-------|------|------|------------------|------|-------|------|-------|-------|---------|------|-------|---------|
|     |               | 3M   | 6M   | 9M   |       | 3M    | 6M   | 9M   | 3M               |      | 6M    |      | 9M    |       | 3M      | 6M   | 9M    |         |
|     |               |      |      |      |       |       |      |      | Avg              | Min  | Avg   | Min  | Avg   | Min   |         |      |       |         |
| 6   | 1/8"          | 11.0 | 11.0 | -    | 10.8  | 6.9   | 4.0  | -    | 3.18             | 3.18 | 3.96  | 3.43 | -     | -     | 2.41    | 3.15 | -     | 9.5     |
| 8   | 1/4"          | 11.0 | 13.5 | -    | 14.2  | 9.3   | 6.4  | -    | 3.78             | 3.30 | 4.60  | 4.01 | -     | -     | 3.02    | 3.68 | -     | 9.5     |
| 10  | 3/8"          | 13.5 | 15.5 | -    | 17.6  | 12.6  | 9.2  | -    | 4.01             | 3.50 | 5.03  | 4.37 | -     | -     | 3.20    | 4.01 | -     | 9.5     |
| 15  | 1/2"          | 15.5 | 19.0 | 25.5 | 21.8  | 15.8  | 11.8 | 6.4  | 4.67             | 4.09 | 5.97  | 5.18 | 9.35  | 8.18  | 3.73    | 4.78 | 7.47  | 9.5     |
| 20  | 3/4"          | 19.0 | 22.5 | 28.5 | 27.2  | 21.0  | 15.6 | 11.1 | 4.90             | 4.27 | 6.96  | 6.04 | 9.78  | 8.56  | 3.91    | 5.56 | 7.82  | 12.5    |
| 25  | 1"            | 22.5 | 27.0 | 32.0 | 33.9  | 26.7  | 20.7 | 15.2 | 5.69             | 4.98 | 7.92  | 6.93 | 11.38 | 9.96  | 4.55    | 6.35 | 9.09  | 12.5    |
| 32  | 1-1/4"        | 27.0 | 32.0 | 35.0 | 42.7  | 35.1  | 29.5 | 22.8 | 6.07             | 5.28 | 7.92  | 6.93 | 12.14 | 10.62 | 4.85    | 6.35 | 9.70  | 12.5    |
| 40  | 1-1/2"        | 32.0 | 38.0 | 38.0 | 48.8  | 40.9  | 34.0 | 28.0 | 6.35             | 5.54 | 8.92  | 7.80 | 12.70 | 11.12 | 5.08    | 7.14 | 10.15 | 12.5    |
| 50  | 2"            | 38.0 | 41.0 | 54.0 | 61.2  | 52.5  | 42.9 | 38.2 | 6.93             | 6.04 | 10.92 | 9.50 | 13.84 | 12.12 | 5.54    | 8.74 | 11.07 | 16.0    |
| 65  | 2-1/2"        | 41.0 | -    | -    | 73.9  | 62.7  | -    | -    | 8.76             | 7.67 | -     | -    | -     | -     | 7.01    | -    | -     | 16.0    |
| 80  | 3"            | 57.0 | -    | -    | 89.8  | 78.0  | -    | -    | 9.52             | 8.30 | -     | -    | -     | -     | 7.62    | -    | -     | 16.0    |
| 100 | 4"            | 66.5 | -    | -    | 115.2 | 102.3 | -    | -    | 10.69            | 9.35 | -     | -    | -     | -     | 8.56    | -    | -     | 19.0    |

- (1) Average of socket wall thickness around periphery shall be no less than listed values. The minimum values are permitted in localized areas.
- (2) 3M, 6M and 9M denote 3000Lb, 6000Lb and 9000Lb.
- (3) Dimensions in accordance with ASME B16.11-2011.