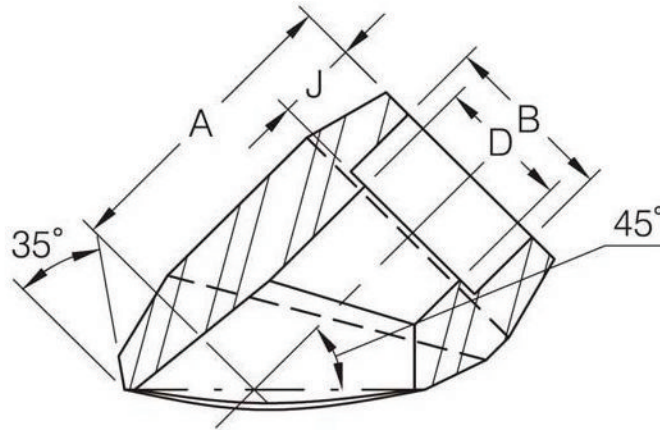


Socket Weld 45° Branch Outlet



| Outlet Pipe | | A | | | | B | D | | J (Min) |
|-------------|--------|--------|------|--------|-------|------|--------|--------|------------|
| DN | Inch | 3000Lb | | 6000Lb | | | 3000Lb | 6000Lb | |
| | | Min | Max | Min | Max | | | | |
| 8 | 1/4" | 38.1 | 42.9 | 38.9 | 47.6 | 14.2 | 9.3 | 6.4 | 9.5 |
| 10 | 3/8" | 38.1 | 42.9 | 38.9 | 47.6 | 17.6 | 12.6 | 9.2 | 9.5 |
| 15 | 1/2" | 38.1 | 44.5 | 46.0 | 55.6 | 21.8 | 15.8 | 11.8 | 9.5 |
| 20 | 3/4" | 46.0 | 50.8 | 54.0 | 63.5 | 27.2 | 21.0 | 15.6 | 12.5 |
| 25 | 1" | 54.0 | 63.5 | 61.1 | 73.0 | 33.9 | 26.7 | 20.7 | 12.5 |
| 32 | 1-1/4" | 61.1 | 76.2 | 65.1 | 77.8 | 42.7 | 35.1 | 29.5 | 12.5 |
| 40 | 1-1/2" | 63.5 | 76.2 | 78.6 | 85.7 | 48.8 | 40.9 | 34.0 | 12.5 |
| 50 | 2" | 76.2 | 84.1 | 78.6 | 104.8 | 61.2 | 52.5 | 42.9 | 16.0 |

- (1) Socket weld in accordance with ASME B16.11.
- (2) Dimensions in accordance with MSS SP-97-2012.