# 90-DEG ELBOW SS 304L BW LONG RADIUS SCH 10S ASME / ANSI B16.9



* Refeíence photo

Mateíial: 6STM 6"03 30"L
Design: 6SME / 6NSI Bl6.9
Ends: Butt WeIKeK
Schedule: SCH l0S

## TENSILE REQUIREMENTS

| M6TERI6L | Viclk Stícngth, min, ksi [MPa] | Tcnsilc Stícngth, min, ksi [MPa] |
|---|---|---|
| 304L | 25 [170] | 70 [485] |

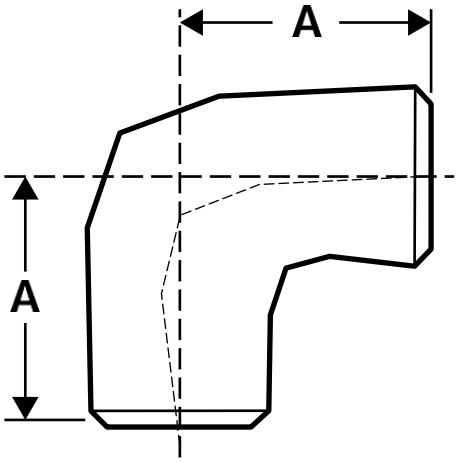
## PERMITTED V6RI6TIONS IN W6LL THICKNESS

| | Tolcíancc, % fíom Nominal | |
|---|---|---|
| NPS Dcsignatoí | Ovcí | Unkcí |
| 1/8 to 21/2 incl., all t/D íatios | 20.0 | 12.5 |
| 3 to 18 incl., t/D up to 5 % incl. | 22.5 | 12.5 |
| 3 to 18 incl., t/D > 5% | 15.0 | 12.5 |

*where:*
t = Nominal Wall Thickness
D = Oídeíed Outside Diameteí

## DIMENSIONS

| Nominal Pipe Size (NPS) | Outside Diameteí at Bevel, mm (in.) | Centeí-to-End, B, mm (in.) | Nominal Wall Thickness, mm (in.) | Appíox. Weight, kg |
|---|---|---|---|---|
| 1/2 | 21.3 (0.84) | 38 (1.50) | 2.11 (0.083) | 0.065 |
| 3/4 | 26.7 (1.05) | 38 (1.50) | 2.11 (0.083) | 0.07 |
| 1 | 33.4 (1.32) | 38 (1.50) | 2.77 (0.109) | 0.14 |
| 1 1/4 | 42.2 (1.66) | 48 (1.88) | 2.77 (0.109) | 0.22 |
| 1 1/2 | 48.3 (1.90) | 57 (2.25) | 2.77 (0.109) | 0.3 |
| 2 | 60.3 (2.38) | 76 (3.00) | 2.77 (0.109) | 0.5 |
| 2 1/2 | 73.0 (2.88) | 95 (3.75) | 3.05 (0.12) | 0.84 |
| 3 | 88.9 (3.50) | 114 (4.50) | 3.05 (0.12) | 1.23 |
| 31/2 | 101.6 (4.00) | 133 (5.25) | 3.05 (0.12) | 2.11 |
| 4 | 114.3 (4.50) | 152 (6.00) | 3.05 (0.12) | 3.64 |
| 5 | 141.3 (5.56) | 190 (7.50) | 3.4 (0.134) | 5.24 |
| 6 | 168.3 (6.62) | 229 (9.00) | 3.4 (0.134) | 11 |
| 8 | 219.1 (8.62) | 305 (12.00) | 3.76 (0.148) | 16 |
| 10 | 273.0 (10.75) | 381 (15.00) | 4.19 (0.165) | 26 |
| 12 | 323.8 (12.75) | 457 (18.00) | 4.57 (0.18) | 36.29 |
| 14 | 355.6 (14.00) | 533 (21.00) | 4.78 (0.188) | – |
| 16 | 406.4 (16.00) | 610 (24.00) | 4.78 (0.188) | – |
| 18 | 457.0 (18.00) | 686 (27.00) | 4.78 (0.188) | – |
| 20 | 508.0 (20.00) | 762 (30.00) | 5.54 (0.218) | – |
| 22 | 559.0 (22.00) | 838 (33.00) | 5.54 (0.218) | – |
| 24 | 610.0 (24.00) | 914 (36.00) | 6.35 (0.25) | – |




* ConveíSion eKuivalentS aíe appíoximate. Refeíence weightS.

* PhotoS anK íefeíence Kata. Refeíence weightS. We accept no liability foí incoíiect uSeS oí miSinteípíetationS of thiS Kata.