

| Specification | | Material |
|---------------------------|---|--|
| KS B 1522 (JIS B 2311) | Steel Butt-welding Pipe Fittings For Ordinary Use And Fuel Gas. | KS D 3507 SPP (JIS B 2311) KS D 3583 SPW 40 (JIS B 2311) KS D 3631 SPPG (JIS B 2311) |
| KS B 1541 (JIS B 2312) | Steel Butt-welding Pipe Fittings. | KS D 3562 SPPG (JIS B 2312) KS D 3564 SPPH (JIS B 2312) KS D 3569 SPLT (JIS B 2312) KS D 3570 SPHT (JIS B 2312) KS D 3576 STS (JIS B 2312) |
| KS B 1543 (JIS B 2313) | Steel Plate Butt-welding Pipe Fittings. | |
| ANSI B 16.9 | Factory-made Wrought Steel Butt-welding Pipe Fittings. | ASTM A234 A403 A |
| ISO 3419, 5251 | | IOS 2604 |

| Nominal Pipe Size | | Outside Diameter | | | Wall Thickness | | | | | | |
|-------------------|-------|------------------|--------|--------|-----------------|--------|--------|--------|--------------|-------|----|
| | | | | | Stainless Steel | | | | Carbon Steel | | |
| A | B | KS | JIS | ANSI | Sch5s | Sch10s | Sch20s | Sch40s | SPP | STD | XS |
| 8 | 1/4 | 13.8 | 13.8 | 13.7 | 1.2 | 1.65 | 2.0 | 2.2 | 2.3 | (2.2) | |
| 10 | 3/8 | 17.3 | 17.3 | 17.1 | 1.2 | 1.65 | 2.0 | 2.3 | 2.3 | (2.3) | |
| 15 | 1/2 | 21.7 | 21.7 | 21.3 | 1.65 | 2.1 | 2.5 | 2.8 | 2.8 | (2.8) | |
| 20 | 3/4 | 27.2 | 27.2 | 26.7 | 1.65 | 2.1 | 2.5 | 2.9 | 2.8 | (2.9) | |
| 25 | 1 | 34.0 | 34.0 | 33.4 | 1.65 | 2.8 | 3.0 | 3.4 | 3.2 | (3.4) | |
| 32 | 1 1/4 | 42.7 | 42.7 | 42.2 | 1.65 | 2.8 | 3.0 | 3.6 | 3.5 | (3.6) | |
| 40 | 1 1/2 | 48.6 | 48.6 | 48.3 | 1.65 | 2.8 | 3.0 | 3.7 | 3.5 | (3.7) | |
| 50 | 2 | 60.5 | 60.5 | 60.3 | 1.65 | 2.8 | 3.5 | 3.9 | 3.8 | (3.9) | |
| 65 | 2 1/2 | 76.3 | 76.3 | 73.0 | 2.1 | 3.0 | 3.5 | 5.2 | 4.2 | (5.2) | |
| 80 | 3 | 89.1 | 89.1 | 88.9 | 2.1 | 3.0 | 4.0 | 5.5 | 4.2 | (5.5) | |
| 90 | 3 1/2 | 101.6 | 101.6 | 101.6 | 2.1 | 3.0 | 4.0 | 5.7 | 4.2 | (5.7) | |
| 100 | 4 | 114.3 | 114.3 | 114.3 | 2.1 | 3.0 | 4.0 | 6.0 | 4.5 | (6.0) | |
| 125 | 5 | 139.8 | 139.8 | 141.3 | 2.8 | 3.4 | 5.0 | 6.6 | 4.5 | (6.6) | |
| 150 | 6 | 165.2 | 165.2 | 168.3 | 2.8 | 3.4 | 5.0 | 7.1 | 5.0 | (7.1) | |
| 200 | 8 | 216.3 | 216.3 | 219.1 | 2.8 | 4.0 | 6.5 | 8.2 | 5.8 | (8.2) | |
| 225 | 9 | 241.8 | 241.8 | | | | | | 6.2 | | |
| 250 | 10 | 267.4 | 267.4 | 273.0 | 3.4 | 4.0 | 6.5 | 9.3 | 6.6 | (9.3) | |
| 300 | 12 | 318.5 | 318.5 | 323.8 | 4.4 | 4.5 | 6.5 | 10.3 | 6.9 | 9.5 | |
| 350 | 14 | 355.6 | 355.6 | 355.6 | 4.0 | 4.8 | 7.9 | 11.1 | 7.9 | 9.5 | |
| 400 | 16 | 406.4 | 406.4 | 406.4 | 4.2 | 4.8 | 7.9 | 12.7 | 7.9 | 9.5 | |
| 450 | 18 | 457.2 | 457.2 | 457.0 | 4.2 | 4.8 | 7.9 | 14.3 | 7.9 | 9.5 | |
| 500 | 20 | 508.0 | 508.0 | 508.0 | 4.8 | 5.5 | 7.9 | 15.1 | 7.9 | 9.5 | |
| 550 | 22 | 558.8 | 558.8 | 559.8 | 4.8 | 5.5 | | | | 9.5 | |
| 600 | 24 | 609.6 | 609.6 | 610.0 | 5.5 | 6.4 | | 17.5 | | 9.5 | |
| 650 | 26 | 660.6 | 660.4 | 660.0 | | | | | | 9.5 | |
| 700 | 28 | 711.2 | 711.2 | 711.0 | | | | | | 9.5 | |
| 750 | 30 | 762.0 | 762.0 | 762.0 | 6.4 | 7.9 | | | | 9.5 | |
| 800 | 32 | 812.8 | 812.8 | 813.0 | | | | 17.5 | | 9.5 | |
| 850 | 34 | 863.6 | 863.6 | 864.0 | | | | 17.5 | | 9.5 | |
| 900 | 36 | 914.4 | 914.4 | 914.0 | | | | 19.0 | | 9.5 | |
| 950 | 38 | 965.2 | 965.2 | 965.0 | | | | | | *9.5 | |
| 1000 | 40 | 1016.0 | 1016.0 | 1016.0 | | | | | | *9.5 | |
| 1050 | 42 | 1066.8 | 1066.8 | 1067.0 | | | | | | *9.5 | |
| 1100 | 44 | 1117.6 | 1117.6 | 1118.0 | | | | | | *9.5 | |

