

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

