

STEEL BUTT-WELDING PIPE FITTINGS

KS | JIS

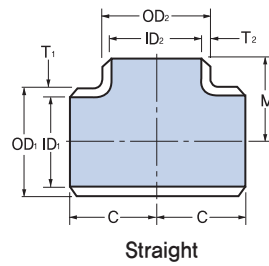
• Tee

Sch40, Sch80, Sch120, Sch160

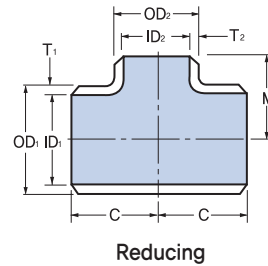
KS B 1541/43, JIS B 2312/13

Unit : mm

Nominal Pipe Size	Outside Diameter		Sch 40		Sch 80		Sch 120		Sch 160		Center-to-End	
	OD ₁	OD ₂	T ₁	T ₂	T ₁	T ₂	T ₁	T ₂	T ₁	T ₂	C	M
15	21.7	21.7	2.8	2.8	3.7	3.7	-	-	-	-	25.4	25.4
20	27.2	27.2	2.9	2.9	3.9	3.9	-	-	-	-	28.6	28.6
20× 20× 15	27.2	21.7	2.9	2.8	3.9	3.7	-	-	-	-	28.6	28.6
25	34.0	34.0	3.4	3.4	4.5	4.5	-	-	-	-	38.1	38.1
25× 25× 20	34.0	27.2	3.4	2.9	4.5	3.9	-	-	-	-	38.1	38.1
25× 25× 15	34.0	21.7	3.4	2.8	4.5	3.7	-	-	-	-	38.1	38.1
32	42.7	42.7	3.6	3.6	4.9	4.9	-	-	-	-	47.6	47.6
32× 32× 25	42.7	34.0	3.6	3.4	4.9	4.5	-	-	-	-	47.6	47.6
32× 32× 20	42.7	27.2	3.6	2.9	4.9	3.9	-	-	-	-	47.6	47.6
32× 32× 15	42.7	21.7	3.6	2.8	4.9	3.7	-	-	-	-	47.6	47.6
40	48.6	48.6	3.7	3.7	5.1	5.1	-	-	7.1	7.1	57.2	57.2
40× 40× 32	48.6	42.7	3.7	3.6	5.1	4.9	-	-	-	-	57.2	57.2
40× 40× 25	48.6	34.0	3.7	3.4	5.1	4.5	-	-	-	-	57.2	57.2
40× 40× 20	48.6	27.2	3.7	2.9	5.1	3.9	-	-	-	-	57.2	57.2
40× 40× 15	48.6	21.7	3.7	2.8	5.1	3.7	-	-	-	-	57.2	57.2
50	60.5	60.5	3.9	3.9	5.5	5.5	-	-	8.7	8.7	63.5	63.5
50× 50× 40	60.5	48.6	3.9	3.7	5.5	5.1	-	-	8.7	7.1	63.5	60.3
50× 50× 32	60.5	42.7	3.9	3.6	5.5	4.9	-	-	-	-	63.5	57.2
50× 50× 25	60.5	34.0	3.9	3.4	5.5	4.5	-	-	-	-	63.5	50.8
50× 50× 20	60.5	27.2	3.9	2.9	5.5	3.9	-	-	-	-	63.5	44.5
65	76.3	76.3	5.2	5.2	7.0	7.0	-	-	9.5	9.5	76.2	76.2
65× 65× 50	76.3	60.5	5.2	3.9	7.0	5.5	-	-	9.5	8.7	76.2	69.9
65× 65× 40	76.3	48.6	5.2	3.7	7.0	5.1	-	-	9.5	7.1	76.2	66.7
65× 65× 32	76.3	42.7	5.2	3.6	7.0	4.9	-	-	-	-	76.2	63.5
65× 65× 25	76.3	34.0	5.2	3.4	7.0	4.5	-	-	-	-	76.2	57.2
80	89.1	89.1	5.5	5.5	7.6	7.6	-	-	11.1	11.1	85.7	85.7
80× 80× 65	89.1	76.3	5.5	5.2	7.6	7.0	-	-	11.1	9.5	85.7	82.6
80× 80× 50	89.1	60.5	5.5	3.9	7.6	5.5	-	-	11.1	8.7	85.7	76.2
80× 80× 40	89.1	48.6	5.5	3.7	7.6	5.1	-	-	11.1	7.1	85.7	73.0
80× 80× 32	89.1	42.7	5.5	3.6	7.6	4.9	-	-	-	-	85.7	69.9
90	101.6	101.6	5.7	5.7	8.1	8.1	-	-	12.7	12.7	95.3	95.3
90× 90× 80	101.6	89.1	5.7	5.5	8.1	7.6	-	-	12.7	11.1	95.3	92.1
90× 90× 65	101.6	76.3	5.7	5.2	8.1	7.0	-	-	12.7	9.5	95.3	88.9
90× 90× 50	101.6	60.5	5.7	3.9	8.1	5.5	-	-	12.7	8.7	95.3	82.6
90× 90× 40	101.6	48.6	5.7	3.7	8.1	5.1	-	-	12.7	7.1	95.3	79.4
100	114.3	114.3	6.0	6.0	8.6	8.6	11.1	11.1	13.5	13.5	104.8	104.8
100× 100× 90	114.3	101.6	6.0	5.7	8.6	8.1	-	-	13.5	12.7	104.8	101.6
100× 100× 80	114.3	89.1	6.0	5.5	8.6	7.6	-	-	13.5	11.1	104.8	98.4
100× 100× 65	114.3	76.3	6.0	5.2	8.6	7.0	-	-	13.5	9.5	104.8	95.3
100× 100× 50	114.3	60.3	6.0	3.9	8.6	5.5	-	-	13.5	8.7	104.8	88.9
100× 100× 40	114.3	48.6	6.0	3.7	8.6	5.1	-	-	13.5	7.1	104.8	85.7



Straight



Reducing

KS B 1541/43, JIS B 2312/13

Unit : mm

Nominal Pipe Size	Outside Diameter		Sch 40		Sch 80		Sch 120		Sch 160		Center-to-End	
	OD ₁	OD ₂	T ₁	T ₂	T ₁	T ₂	T ₁	T ₂	T ₁	T ₂	C	M
125	139.8	139.8	6.6	6.6	9.5	9.5	12.7	12.7	15.9	15.9	123.8	123.8
125×125×100	139.8	114.3	6.6	6.0	9.5	8.6	12.7	11.1	15.9	13.5	123.8	117.5
125×125×90	139.8	101.6	6.6	5.7	9.5	8.1	-	-	15.9	12.7	123.8	114.3
125×125×80	139.8	89.1	6.6	5.5	9.5	7.6	-	-	15.9	11.1	123.8	111.1
125×125×65	139.8	76.3	6.6	5.2	9.5	7.0	-	-	15.9	9.5	123.8	108.0
125×125×50	139.8	60.5	6.6	3.9	9.5	5.5	-	-	15.9	8.7	123.8	104.8
150	165.2	165.2	7.1	7.1	11.0	11.0	14.3	14.3	18.2	18.2	142.9	142.9
150×150×125	165.2	139.8	7.1	6.6	11.0	9.5	14.3	12.7	18.2	15.9	142.9	136.5
150×150×100	165.2	114.3	7.1	6.0	11.0	8.6	14.3	11.1	18.2	13.5	142.9	130.2
150×150×90	165.2	101.6	7.1	5.7	11.0	8.1	-	-	18.2	12.7	142.9	127.0
150×150×80	165.2	89.1	7.1	5.5	11.0	7.6	-	-	18.2	11.1	142.9	123.8
150×150×65	165.2	76.3	7.1	5.2	11.0	7.0	-	-	18.2	9.5	142.9	120.7
200	216.3	216.3	8.2	8.2	12.7	12.7	18.2	18.2	23.0	23.0	177.8	177.8
200×200×150	216.3	165.2	8.2	7.1	12.7	11.0	18.2	14.3	23.0	18.2	177.8	168.3
200×200×125	216.3	139.8	8.2	6.6	12.7	9.5	18.2	12.7	23.0	15.9	177.8	161.9
200×200×100	216.3	114.3	8.2	6.0	12.7	8.6	18.2	11.1	23.0	13.5	177.8	155.6
200×200×80	216.3	101.6	8.2	5.7	12.7	8.1	-	-	23.0	12.7	177.8	152.4
250	267.4	267.2	9.3	9.3	15.1	15.1	21.4	21.4	28.6	28.6	215.9	215.9
250×250×200	267.4	216.3	9.3	8.2	15.1	12.7	21.4	18.2	28.6	23.0	215.9	203.2
250×250×150	267.4	165.2	9.3	7.1	15.1	11.0	21.4	14.3	28.6	18.2	215.9	193.7
250×250×125	267.4	139.8	9.3	6.6	15.1	9.5	21.4	12.7	28.6	15.9	215.9	190.5
250×250×100	267.4	114.3	9.3	6.0	15.1	8.6	21.4	11.1	28.6	13.5	215.9	184.2
300	318.5	318.5	10.3	10.3	17.4	17.4	25.4	25.4	33.3	33.3	254.0	254.0
300×300×250	318.5	267.4	10.3	9.3	17.4	15.1	25.4	21.4	33.3	28.6	254.0	241.3
300×300×200	318.5	216.3	10.3	8.2	17.4	12.7	25.4	18.2	33.3	23.0	254.0	228.6
300×300×150	318.5	165.2	10.3	7.1	17.4	11.0	25.4	14.3	33.3	18.2	254.0	219.1
300×300×125	318.5	139.8	10.3	6.6	17.4	9.5	25.4	12.7	33.3	15.9	254.0	215.9
350	355.6	355.6	11.1	11.1	19.0	19.0	27.8	27.8	35.7	35.7	279.4	279.4
350×230×300	355.6	318.5	11.1	10.3	19.0	17.4	27.8	25.4	35.7	33.3	279.4	269.9
350×230×250	355.6	267.4	11.1	9.3	19.0	15.1	27.8	21.4	35.7	28.6	279.4	257.2
350×230×200	355.6	216.3	11.1	8.2	19.0	12.7	27.8	18.2	35.7	23.0	279.4	247.7
350×230×150	355.6	165.2	11.1	7.1	19.0	11.0	27.8	14.3	35.7	18.2	279.4	238.1
400	406.4	406.4	12.7	12.7	21.4	21.4	30.9	30.9	40.5	40.5	304.8	304.8
400×400×350	406.4	355.6	12.7	11.1	21.4	19.0	30.9	27.8	40.5	35.7	304.8	304.8
400×400×300	406.4	318.5	12.7	10.3	21.4	17.4	30.9	25.4	40.5	33.3	304.8	295.3
400×400×250	406.4	267.4	12.7	9.3	21.4	15.1	30.9	21.4	40.5	28.6	304.8	282.6
400×400×200	406.4	216.3	12.7	8.2	21.4	12.7	30.9	18.2	40.5	23.0	304.8	273.1
400×400×150	406.4	165.2	12.7	7.1	21.4	11.0	30.9	14.3	40.5	18.2	304.8	263.5
450	457.2	457.2	14.3	14.3	23.8	23.8	34.9	34.9	45.2	45.2	342.9	342.9
450×450×400	457.2	406.4	14.3	12.7	23.8	21.4	34.9	30.9	45.2	40.5	342.9	330.2
450×450×350	457.2	355.6	14.3	11.1	23.8	19.0	34.9	27.8	45.2	35.7	342.9	330.2
450×450×300	457.2	318.5	14.3	10.3	23.8	17.4	34.9	25.4	45.2	33.3	342.9	320.7