

CHINJIU 成就®

ĐƠN VỊ PHÂN PHỐI

CÔNG TY TNHH SX TM DV DƯƠNG HOÀNG PHÁT

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CHINJIU 成就®

温州成就法兰制造有限公司
WENZHOU CHENGJIU FLANGE MANUFACTURING CO.,LTD.

WENZHOU CHENGJIU FLANGE MANUFACTURING CO.,LTD.

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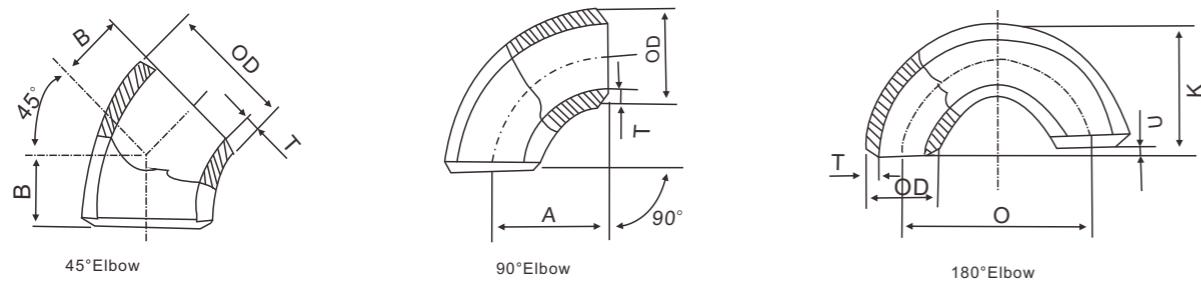
WENZHOU CHENGJIU FLANGE
MANUFACTURING CO.,LTD.



Long Radius Eibows(45° 90° 180°)

Above dimensions acc. to GB/T 12459,GB/T 13401, SH3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

Weights are approximate and based on manufacturer's data, according to ASMEB36.10M/ B36.19M, (Sch20S/LG, Weights are approximate and based on manufacture' sdata, according to GB/T 12459/GB/T 13401)



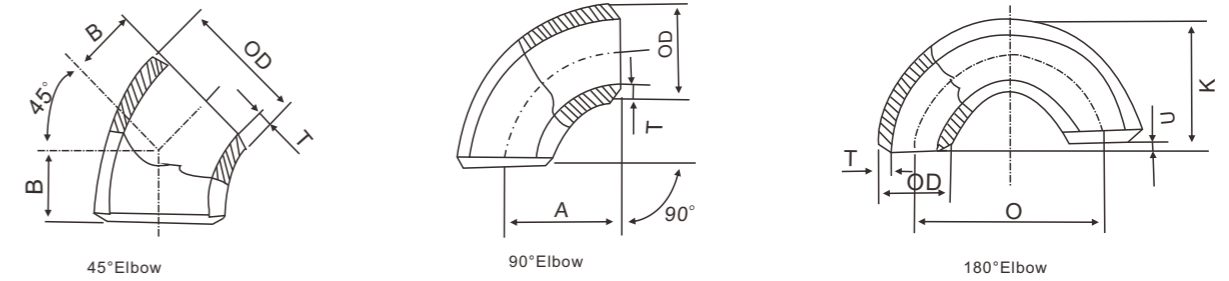
Unit:mm

Normal diameter		Outside diameter	Center to end		Center to Center	90°L/R Elbow Approx weight					
DN	NPS	OD	B	A	O	sch5S	sch10S	sch20S/LG	sch40S/STD	sch80S/XS	sch80
15	1/2	18 21.3	16	38	76	0.04 0.05	0.05 0.06	0.06 0.07	0.06 0.08	0.08 0.10	0.08 0.10
20	3/4	25 26.7	19	38	76	0.06 0.06	0.07 0.08	0.09 0.09	0.09 0.10	0.12 0.13	0.12 0.13
25	1	32 33.4	22	38	76	0.07 0.08	0.12 0.13	0.14 0.14	0.14 0.15	0.19 0.19	0.19 0.19
32	1 1/4	38 42.2	25	48	96	0.11 0.13	0.18 0.20	0.21 0.23	0.23 0.26	0.30 0.34	0.30 0.34
40	1 1/2	45 48.3	29	57	114	0.16 0.17	0.26 0.28	0.30 0.32	0.34 0.37	0.45 0.49	0.45 0.49
50	2	57 60.3	35	76	152	0.27 0.29	0.45 0.47	0.57 0.61	0.62 0.65	0.85 0.90	0.85 0.90
65	2 1/2	76 73	44	95	190	0.58 0.55	0.82 0.79	0.97 0.93	1.35 1.30	1.79 1.71	1.79 1.71
80	3	89	51	114	228	0.82	1.17	1.51	2.04	2.76	2.76
90	3 1/2	101.6	57	133	266	1.09	1.56	2.03	2.85	3.92	3.92
100	4	108 114	64	152	304	1.32 1.40	1.90 2.01	2.47 2.61	3.64 3.85	5.05 5.35	5.05 5.35
125	5	133 141.3 139.7	79	190	380	2.67 2.84 2.81	3.27 3.47 3.43	4.74 5.05 4.99	6.14 6.54 6.46	8.72 9.31 9.19	8.72 9.31 9.19
150	6	168.3 159 165	95	229	458	4.10 3.86 4.01	5.01 4.72 4.91	7.29 6.88 7.14	10.24 9.64 10.03	15.41 14.50 15.09	15.41 14.50 15.09
200	8	219 216	127	305	610	7.12 7.03	9.63 9.49	15.94 15.71	20.51 20.22	31.17 30.71	31.17 30.71
250	10	273 267.4	159	381	762	13.62 13.34	16.74 16.39	24.97 24.44	36.33 35.56	49.12 48.06	57.83 56.57
300	12	325 323.9 318	190	457	914	22.66 22.58 22.16	26.10 26.01 25.53	35.79 35.66 35.00	53.58 53.40 52.39	70.69 70.44 49.11	95.81 95.46 93.63

Long Radius Eibows(45° 90° 180°)

Above dimensions acc. to GB/T 12459/GB/T 13401, SH3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313.

Weights are approximate and based on manufacturer's data, according to ASMEB36.10M/ B36.19M, (sch20S/LG, Weights are approximate and based on manufacture' sdata, according to GB/T 12459/GB/T 13401)

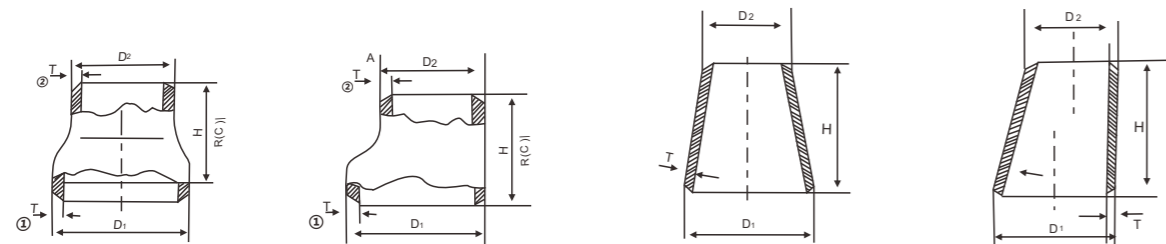


Unit:mm

Normal diameter		Outside diameter	Center to end		Center to Center	90°L/R Elbow Approx weight					
DN	NPS	OD	B	A	O	sch5S	sch10S	sch20S/LG	sch40S/STD	sch80S/XS	sch80
350	14	377 355.6	222	533	1066	30.71 28.95	36.98 34.86	61.36 57.80	72.80 68.56	96.17 90.52	141.75 133.27
400	16	426 406.4	254	610	1220	42.05 40.09	47.90 45.67	79.55 75.82	94.42 89.98	124.87 118.95	206.35 196.35
450	18	478 457.2	286	686	1372	53.11 50.78	60.52 57.86	100.60 96.14	199.44 114.14	158.10 151.03	296.35 276.29
500	20	529 508	318	762	1524	74.47 71.48	86.18 82.72	123.86 118.87	147.12 141.14	194.86 186.94	391.34 375.00
550	22	559	343	838	1676	86.58	100.21	144.06	171.14	226.75	495.44
600	24	630 610	381	914	1828	123.32 119.37	141.21 136.64	177.37 171.67	210.78 203.98	279.45 270.40	661.10 -
650	26	660	406	991	1982	-	-	201.59	239.58	317.72	-
700	28	720 711	438	1067	2134	-	-	237.03 234.03	281.75 278.18	373.80 369.04	-
750	30	762	470	1143	2286	213.90	266.23	268.89	319.66	424.20	-
800	32	820 813	502	1219	2438	-	-	308.83 306.16	367.20 364.02	487.42 483.20	-
850	34	864	533	1295	2590	-	-	345.86	411.27	546.04	-
900	36	920 914	565	1372	2744	-	-	390.39 387.83	464.28 461.22	616.56 612.48	-
950	38	965	600	1448	2896	-	-	432.25	514.21	682.98	-
1000	40	1016 1020	632	1524	3048	-	-	479.29 481.19	570.09 572.35	757.33 760.35	-
1050	42	1067	660	1600	3200	-	-	528.65	628.85	835.51	-
1100	44	1118 1120	695	1676	3352	-	-	580.43 581.48	690.49 691.73	917.53 919.19	-
1150	46	1168	727	1753	3506	-	-	634.45	754.79	1003.10	-
1200	48	1220	759	1829	3658	-	-	691.63	822.85	1093.70	-

Reducers (concentric and eccentric)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409
 EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
 Weights are approximate and based on manufacturer's data, according to ANSI B16.19

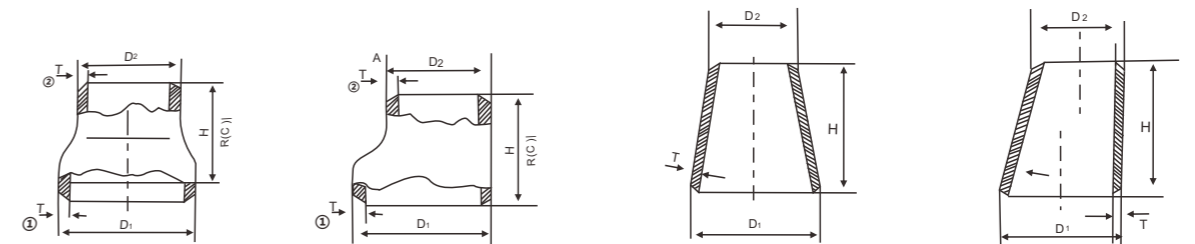


Unit:mm

Nominal diameter		Outside diameter	End to end	Approx weight					
DN	NPS	D ₁ ×D ₂	H	sch5S	sch10S	sch40S/ STD	sch40S	sch80S/ XS	sch80
80×40	3×1.1/2	89×45 88.9×48.3	89	0.31 0.32	0.45 0.45	0.76 0.78	0.76 0.78	1.02 1.05	1.02 1.05
90×80	3.1/2×3	101.6×88.9	102	0.50	0.72	1.29	1.29	1.77	1.77
90×65	3.1/2×2.1/2	101.6×73.0	102	0.46	0.66	1.12	1.12	1.63	1.63
90×50	3.1/2×2	101.6×60.3	102	0.43	0.62	1.10	1.10	1.51	1.51
90×40	4×3.1/2	101.6×48.3	102	0.41	0.58	1.03	1.03	1.40	1.40
100×90	3.1/2×1.1/2	114.3×101.6	102	0.57	0.82	1.55	1.55	2.41	2.41
100×80	4×3	108×89 114.3×88.9	102	0.52 0.54	0.75 0.77	1.41 1.46	1.41 1.46	1.94 2.02	1.94 2.02
100×65	4×2.1/2	108×76 114.3×73.0	102	0.49 0.50	0.70 0.72	1.32 1.35	1.32 1.35	1.82 1.87	1.82 1.87
100×50	4×2	108×57 114.3×60.3	102	0.44 0.48	0.64 0.68	1.19 1.27	1.19 1.27	1.64 1.75	1.64 1.75
125×100	5×4	133×108 141.3×114.3	127	1.04 1.11	1.27 1.35	2.35 2.50	2.35 2.50	3.33 3.55	3.33 3.55
125×90	5×3.1/2	141.3×101.6	127	1.06	1.29	2.38	2.38	3.38	3.38
125×80	5×3	133×89 141.3×88.9	127	0.97 1.01	1.18 1.23	2.17 2.27	2.17 2.27	3.07 3.22	3.07 3.22
125×65	5×2.1/2	133×76 141.3×73.0	127	0.92 0.95	1.12 1.16	2.06 2.14	2.06 2.14	2.91 3.02	2.91 3.02
150×125	6×5	159×133 168.3×141.3	140	1.40 1.48	1.71 1.81	3.42 3.64	3.42 3.64	5.14 5.47	5.14 5.47
150×100	6×4	159×108 168.3×114.3	140	1.29 1.37	1.58 1.67	3.15 3.36	3.15 3.36	4.72 5.03	4.72 5.03
150×90	6×3.1/2	168.3×101.6	140	1.32	1.61	3.23	3.23	4.83	4.83
150×80	6×3	159×89 168.3×88.9	140	1.21 1.26	1.48 1.53	2.96 3.07	2.96 3.87	4.41 4.58	4.41 4.58
200×150	8×6	219×159 219.1×168.3	152	2.00 2.04	2.70 2.75	5.65 5.77	5.65 5.77	8.55 8.73	8.55 8.73
200×125	8×5	219×133 219.1×141.3	152	1.90 1.93	2.56 2.60	5.35 5.44	5.35 5.44	8.09 8.23	8.09 8.23
200×100	8×4	219×108 219.1×114.3	152	1.80 1.83	2.43 2.46	5.07 5.14	5.07 5.44	7.64 7.75	7.64 7.75
250×200	10×8	273×219	178	3.72	4.56	9.74	15.5	15.5	15.5
250×150	10×6	273×159 273.1×168.3	178	3.38 3.43	4.15 4.21	8.83 8.96	14.0 14.2	14.0 14.2	14.0 14.2
250×125	10×5	273×133 273.1×141.3	178	3.25 3.29	3.99 4.04	8.47 8.59	13.4 13.6	13.4 13.6	13.4 13.6
300×250	12×10	325×273 323.9×273.1	203	5.98 5.97	6.89 6.88	13.9 13.9	15.0 15.0	18.3 18.3	24.8 24.8
300×200	12×8	325×219 323.9×219.1	203	5.57 5.56	6.42 6.41	12.9 12.9	14.0 13.9	17.0 17.0	23.0 23.0

Reducers (concentric and eccentric)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409
 EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
 Weights are approximate and based on manufacturer's data, according to ANSI B16.19



Unit:mm

Nominal diameter		Outside diameter	End to end	Approx weight					
DN	NPS	D ₁ ×D ₂	H	sch5S	sch10S	sch40S/ STD	sch40S	sch80S/ XS	sch80
300×150	12×6	325×159 323.9×168.3	203	5.17 5.22	5.95 6.00	12.0 12.1	12.9 13.0	15.7 15.9	21.2 21.4
350×300	14×12	377×325 355.6×323.9	330	11.4 11.0	13.7 13.2	26.6 25.6	30.9 29.8	35.1 33.8	51.6 49.8
350×250	14×10	377×273 355.6×273.1	330	10.6 10.2	12.8 12.3	24.8 23.8	28.8 27.7	32.7 31.4	48.0 46.1
350×200	14×8	377×219 355.6×219.1	330	9.89 9.46	11.9 11.4	23.0 22.0	26.7 25.5	30.3 29.0	44.5 42.5
350×150	14×6	377×159 355.6×168.3	330	9.63 9.22	11.0 10.5	21.1 20.2	24.5 23.5	27.8 26.6	40.7 38.9
400×350	16×14	426×377 406.4×355.6	356	14.9 14.1	16.9 16.1	32.9 31.2	43.5 41.2	43.5 41.2	71.7 67.9
400×300	16×12	426×325 406.4×323.9	356	14.0 13.6	16.0 15.4	31.0 29.9	40.9 39.5	40.9 39.5	67.4 65.1
400×250	16×10	426×273 406.4×273.1	356	13.2 12.7	15.0 14.5	29.1 28.1	38.4 37.1	38.4 37.1	63.1 60.9
400×200	16×8	426×219 406.4×219.1	356	12.4 11.9	14.1 13.6	27.3 26.2	36.0 34.6	36.0 34.6	59.1 56.7
400×150	16×6	426×159 406.4×168.3	356	11.5 9.96	13.1 12.7	25.3 24.5	33.3 32.3	33.3 32.3	54.5 52.7
450×400	18×16	478×426 457×406.4	381	17.9 17.1	20.4 19.5	39.7 37.9	58.8 56.1	52.6 50.1	96.1 91.6
450×350	18×14	478×377 457×355.6	381	17.1 16.2	19.4 18.5	37.7 35.8	55.8 53.0	49.9 47.4	91.1 86.3
450×300	18×12	478×325 457×323.9	381	16.2 15.7	18.5 17.9	35.8 34.7	53.0 51.2	47.4 45.8	86.3 83.4
450×250	18×10	478×273 457×273.1	381	15.4 14.8	17.6 16.9	34.1 32.8	50.3 48.4	45.0 43.3	81.8 78.6
450×200	18×8	478×219 457×219.1	381	14.5 14.0	16.5 15.9	32.0 30.8	47.3 45.5	42.3 40.7	76.7 73.7
500×450	20×18	529×478 508×457	508	30.4 29.1	35.2 33.7	59.1 56.6	92.5 88.6	78.2 74.9	156 150
500×400	20×16	529×426 508×406.4	508	28.9 27.7	33.4 32.0	56.2 53.8	87.9 84.1	74.4 71.1	149 142
500×350	20×14	529×377 508×355.6	508	27.6 26.3	31.9 30.4	53.6 51.0	83.8 79.7	70.9 67.4	142 135
500×300	20×12	529×325 508×323.9	508	26.2 25.4	30.3 29.4	50.8 49.3	79.4 77.0	67.2 65.1	134 130
500×250	20×10	529×273 508×273.1	508	24.8 24.0	28.7 27.8	48.2 26.7	75.2 72.8	63.7 61.7	127 123
500×200	20×8	529×219 508×219.1	508	23.5 22.7	27.1 26.2	45.5 43.9	70.9 68.5	60.1 58.0	119 115

Short Radius Elbows(90° 180°)

Above dimensions acc. to GB/T 12459/GB/T 13401, SH 3408, SH 3409.
 EN10253-4, ASME B16.9, MSS SP-43/DIN 2605, JIS B2313.
 Weights are approximate and based on manufacturer's data, according to ASME B36.10M/ B36.19M,
 (sch20S/LG, Weights are approximate and based on manufacture' sdata, According to GB/T 12459/GB/T 13401)

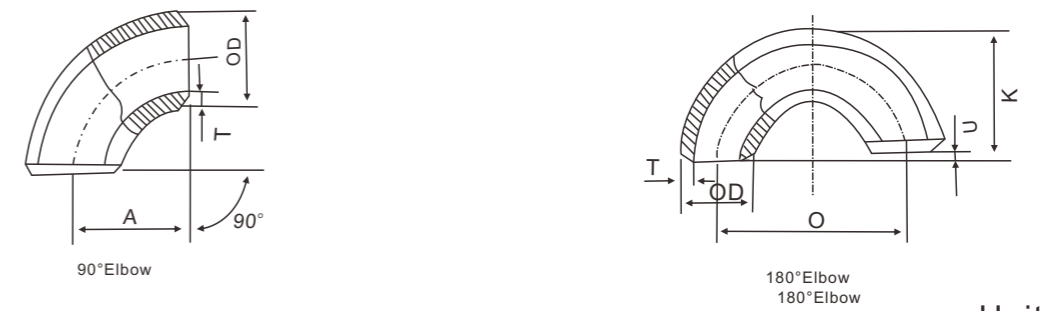


Unit:mm

Normal diameter		Outside diameter	Center to end	Center to Center	90°S/R Elbow Approx weight					
DN	NPS	OD	A	O	sch5S	sch10S	sch20S/LG	sch40S/STD	sch80S/XS	sch80
25	1	32 33.4	25	50	0.05 0.05	0.08 0.08	0.09 0.09	0.09 0.10	0.12 0.13	0.12 0.13
32	1 1/4	38 42.2	32	64	0.07 0.08	0.12 0.14	0.14 0.16	0.15 0.17	0.20 0.23	0.20 0.23
40	1 1/2	45 48.3	38	76	0.11 0.11	0.17 0.19	0.20 0.21	0.23 0.24	0.30 0.33	0.30 0.33
50	2	57 60.3	51	102	0.18 0.19	0.30 0.32	0.38 0.41	0.41 0.44	0.57 0.60	0.57 0.60
65	2 1/2	76 73	64	157	0.39 0.37	0.56 0.53	0.65 0.62	0.91 0.87	1.21 1.15	1.21 1.15
80	3	89	76	152	0.54	0.78	1.01	1.36	1.84	1.84
90	3 1/2	101.6	89	178	0.73	1.04	1.36	1.91	2.62	2.62
100	4	108 114	102	204	0.89 0.94	1.27 1.35	1.65 1.75	2.44 2.59	3.39 3.59	3.39 3.59
125	5	133 141.3 139.7	127	254	1.79 1.90 1.88	2.18 2.32 2.30	3.17 3.38 3.34	4.10 4.37 4.32	5.83 6.22 6.14	5.83 6.22 6.14
150	6	168.3 159 165	152	304	2.72 2.57 2.66	3.32 3.14 3.26	4.84 4.56 4.74	6.79 6.40 6.65	10.23 9.63 10.02	10.23 9.63 10.02
200	8	219 216	203	406	4.74 4.68	6.41 6.32	10.61 10.46	13.65 13.46	20.74 20.44	20.74 20.44
250	10	273 267.4	254	508	9.08 8.89	11.16 10.92	16.64 16.29	24.22 23.70	32.75 32.04	38.55 37.72

Short Radius Elbows (90° 180°)

Above dimensions acc. to GB/T 12459/GB/T 13401, SH 3408, SH 3409.
 EN10253-4, ASME B16.9, MSS SP-43/DIN 2605, JIS B2313.
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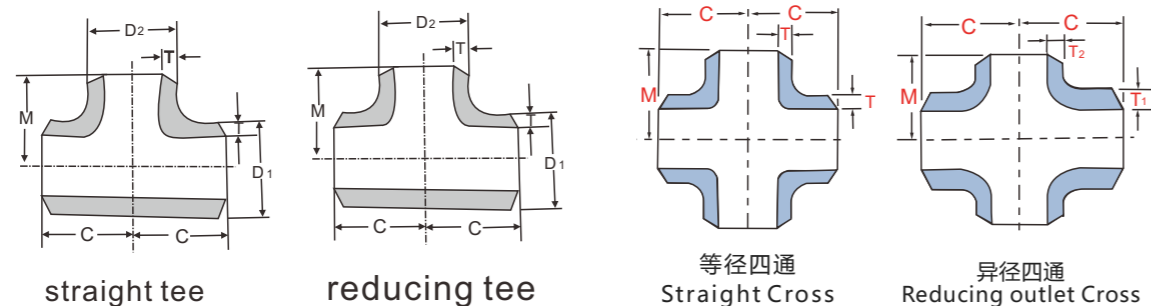


Unit:mm

Normal diameter		Outside diameter	Center to end	Center to Center	90°S/R Elbow Approx weight					
DN	NPS	OD	A	O	sch5S	sch10S	sch20S/LG	sch40S/STD	sch80S/XS	sch80
300	12	325 323.9 318	305	610	15.12 15.07 14.79	17.42 17.36 17.04	23.88 23.80 23.36	35.76 35.64 34.97	47.18 47.01 46.12	63.94 93.71 62.49
350	14	377 355.6	356	712	20.51 19.33	24.70 23.28	40.99 38.61	48.62 45.79	64.24 60.46	94.67 89.01
400	16	426 406.4	406	812	27.98 26.68	31.88 30.40	52.95 50.47	62.84 59.89	83.11 79.17	137.34 130.69
450	18	478 457.2	457	914	35.38 33.38	40.32 38.54	67.01 64.05	79.57 76.04	105.32 100.61	192.90 184.06
500	20	529 508	508	1016	49.64 47.66	57.45 55.15	82.58 79.25	98.08 94.12	129.91 124.62	260.90 250.00
550	22	559	559	1118	57.75	66.85	93.10	114.16	151.26	330.49 441.22
600	24	630 610	610	1220	82.30 79.67	94.21 91.19	118.38 114.57	140.67 136.14	186.51 180.46	-
650	26	660	660	1320	-	-	134.26	159.56	211.60	-
700	28	720 711	711	1422	-	-	157.94 155.95	187.75 175.37	249.08 245.91	-
750	30	762	762	1524	142.60	177.49	179.26	213.11	282.80	-
800	32	820 813	813	1626	-	-	205.97 204.19	244.90 242.78	325.08 322.26	-
850	34	864	864	1728	-	-	230.75	274.39	364.30	-
900	36	920 914	914	1828	-	-	260.07 258.36	309.29 307.25	410.74 408.02	-
950	38	956	965	1930	-	-	288.13	342.69	455.17	-
1000	40	1016 1020	1016	2032	-	-	319.53 320.80	380.06 381.57	504.89 506.90	-
1050	42	1067	1067	2134	-	-	352.55	419.36	557.18	-
1100	44	1118 1120	1118	2236	-	-	387.19 387.88	460.60 461.43	612.05 613.16	-
1150	46	1168	1168	2336	-	-	422.72	502.90	668.35	-
1200	48	1220	1220	2440	-	-	461.34	548.87	729.53	-

Tees(straight and reducing)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409
EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

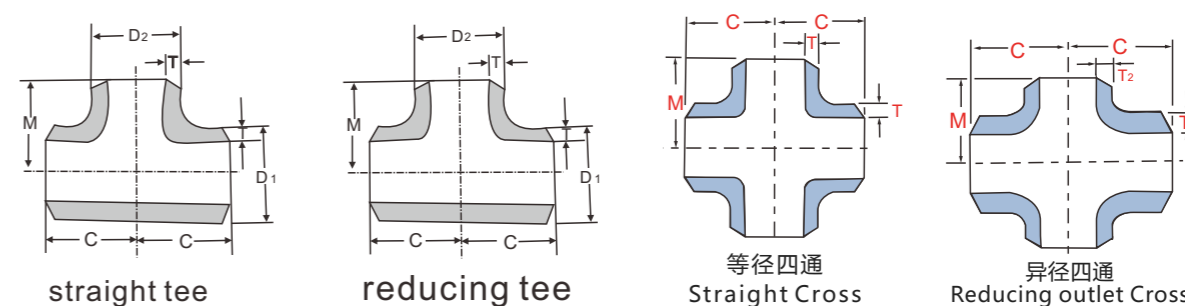


Unit:mm

Nominal diameter		Outside diameter	Center to end		Approx weight					
DN	NPS	D ₁ ×D ₂	C	M	sch5S	sch10S	sch40S/ STD	sch40S	sch80S/ XS	sch80
20×20	3/4×3/4	25×25 26.7×26.7	29	29	0.07 0.08	0.10 0.11	0.13 0.15	0.13 0.15	0.16 0.18	0.16 0.18
20×15	3/4×1/2	25×18 26.7×21.3	29	29	0.06 0.07	0.09 0.10	0.12 0.13	0.12 0.13	0.15 0.16	0.15 0.16
25×25	1×1	32×32 33.4×33.4	38	38	0.11 0.12	0.19 0.20	0.23 0.25	0.23 0.25	0.30 0.32	0.30 0.32
25×20	1×3/4	32×25 33.4×26.7	38	38	0.10 0.11	0.18 0.19	0.22 0.24	0.22 0.24	0.28 0.31	0.28 0.31
25×15	1×1/2	32×18 33.4×21.3	38	38	0.09 0.10	0.17 0.18	0.21 0.23	0.21 0.23	0.27 0.30	0.27 0.30
32×32	1.1/4×1.1/4	38×38 42.2×42.2	48	48	0.19 0.20	0.36 0.39	0.42 0.52	0.42 0.52	0.63 0.73	0.63 0.73
32×25	1.1/4×1	38×32 42.2×33.4	48	48	0.18 0.19	0.33 0.35	0.40 0.42	0.40 0.42	0.58 0.68	0.58 0.68
32×20	1.1/4×3/4	38×25 42.2×26.7	48	48	0.17 0.18	0.31 0.32	0.38 0.40	0.38 0.40	0.55 0.65	0.55 0.65
32×15	1.1/4×1/2	38×18 42.2×21.3	48	48	0.16 0.17	0.30 0.31	0.36 0.38	0.36 0.38	0.52 0.62	0.52 0.62
40×40	1.1/2×1.1/2	45×45 48.3×48.3	57	57	0.35 0.45	0.59 0.69	0.78 0.88	0.78 0.88	1.08 1.18	1.08 1.18
40×32	1.1/2×1.1/4	45×38 48.3×42.2	57	57	0.32 0.42	0.54 0.65	0.72 0.82	0.72 0.82	0.99 1.09	0.99 1.09
40×25	1.1/2×1	45×32 48.3×33.4	57	57	0.27 0.37	0.45 0.65	0.60 0.80	0.60 0.80	0.83 1.08	0.83 1.08
40×20	1.1/2×3/4	45×25 48.3×26.7	57	57	0.26 0.36	0.44 0.64	0.58 0.68	0.58 0.68	0.80 1.00	0.80 1.00
40×15	1.1/2×1/2	45×18 48.3×21.3	57	57	0.25 0.35	0.42 0.62	0.56 0.66	0.56 0.66	0.78 0.78	0.78 0.78
50×50	2×2	57×57 60.3×60.3	64	64	0.49 0.50	1.03 1.05	1.15 1.18	1.15 1.18	1.65 1.67	1.65 1.67
50×40	2×1.1/2	57×45 60.3×48.3	64	60	0.44 0.45	0.93 0.95	1.04 1.06	1.04 1.06	1.48 1.50	1.48 1.50
50×32	2×1.1/4	57×38 60.3×42.2	64	57	0.40 0.43	0.81 0.89	0.98 1.00	0.98 1.00	1.37 1.42	1.37 1.42
50×25	2×1	57×32 60.3×33.4	64	51	0.39 0.40	0.72 0.84	0.92 0.94	0.92 0.94	1.31 1.34	1.31 1.34
50×20	2×3/4	57×25 60.3×26.7	64	44	0.37 0.38	0.70 0.80	0.87 0.90	0.87 0.90	1.24 1.27	1.24 1.27

Tees(straight and reducing)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409
EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

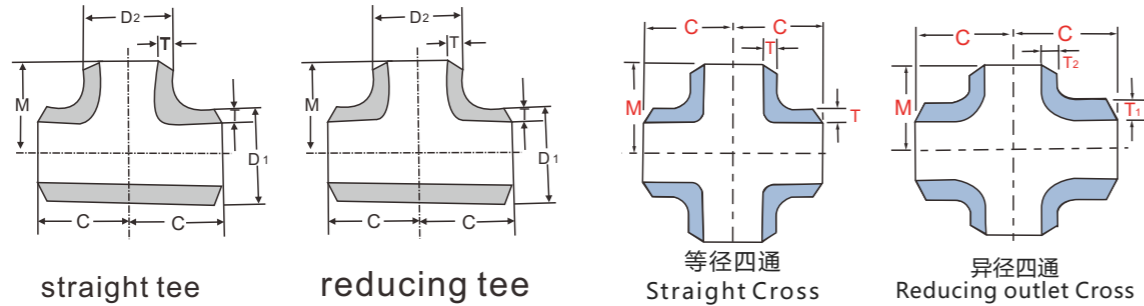


Unit:mm

Nominal diameter		Outside diameter	Center to end		Approx weight					
DN	NPS	D ₁ ×D ₂	C	M	sch5S	sch10S	sch40S/ STD	sch40S	sch80S/ XS	sch80
65×65	2.1/2×2.1/2	76×76 73.0×73.0	76	76	0.87 0.86	1.21 1.25	2.10 2.12	2.10 2.12	2.80 2.88	2.80 2.88
65×50	2.1/2×2	76×57 73.0×60.3	76	70	0.82 0.81	1.17 1.16	2.00 1.98	2.00 1.98	2.70 2.65	2.70 2.65
65×40	2.1/2×1.1/2	76×45 73.0×48.3	76	67	0.77 0.76	1.11 1.10	1.89 1.88	1.89 1.88	2.56 2.55	2.56 2.55
65×32	2.1/2×1.1/4	76×38 73.0×42.2	76	64	0.75 0.74	1.10 1.08	1.80 1.89	1.80 1.89	2.50 2.25	2.50 2.25
65×25	2.1/2×1	76×32 73.0×33.4	76	57	0.76 0.70	1.10 1.07	1.86 1.81	1.86 1.81	2.53 2.08	2.53 2.08
80×80	3×3	89×89	86	86	1.16	1.68	3.02	3.02	4.19	4.19
80×65	3×2.1/2	89×76 88.9×73.0	86	83	1.11 1.10	1.62 1.60	2.89 2.87	2.89 2.87	4.02 3.98	4.02 3.98
80×50	3×2	88.9×57 88.9×60.3	86	76	1.06 1.07	1.53 1.55	2.76 2.79	2.76 2.79	3.81 3.85	3.81 3.85
80×40	3×1.1/2	88.9×45 88.9×48.3	86	73	1.01 1.03	1.49 1.50	2.67 2.69	2.67 2.69	3.70 3.73	3.70 3.73
80×32	3×1.1/4	89×38 88.9×42.2	86	70	1.00 1.00	1.48 1.45	2.65 2.60	2.65 2.60	3.68 3.60	3.68 3.60
90×90	3.1/2×3.1/2	101.6×101.6	95	95	1.33	1.92	3.61	3.61	5.08	5.08
90×80	3.1/2×3	101.6×88.9	95	92	1.26	1.82	3.43	3.43	4.83	4.83
90×65	3.1/2×2.1/2	101.6×73.0	95	89	1.22	1.76	3.32	3.32	4.67	4.67
90×50	3.1/2×2	101.6×60.3	95	83	1.20	1.73	3.25	3.25	4.57	4.57
90×40	3.1/2×1.1/2	101.6×48.3	95	79	1.17	1.70	3.21	3.21	4.51	4.51
100×100	4×4	108×108 114.3×114.3	105	105	1.66 1.75	2.41 2.54	4.75 5.01	4.75 5.01	6.75 7.12	6.75 7.12
100×90	4×3.1/2	114.3×101.6	105	102	1.70	2.46	4.85	4.85	6.89	6.89
100×80	4×3	108×89 114.3×88.9	105	98	1.55 1.61	2.24 2.33	4.42 4.60	4.42 4.60	6.27 6.52	6.27 6.52
100×65	4×2.1/2	108×76 114.3×73.0	105	95	1.53 1.60	2.21 2.31	4.36 4.56	4.36 4.56	6.50 6.50	6.50 6.50
100×50	4×2	108×57 114.3×60.3	105	89	1.51 1.57	2.19 2.29	4.32 4.41	4.32 4.41	6.13 6.12	6.13 6.12
100×40	4×1.1/2	108×45 114.3×48.3	105	86	1.50 1.55	2.09 2.24	4.22 4.00	4.22 4.00	6.03 6.02	6.03 6.02
125×125	5×5	133×133 141.3×141.3	124	124	3.18 3.37	3.91 4.14	7.53 7.98	7.53 7.98	10.9 11.6	10.9 11.6
125×100	5×4	133×108 141.3×114.3	124	117	3.03 3.15	3.73 3.90	7.20 7.52	7.20 7.52	10.4 10.8	10.4 10.8

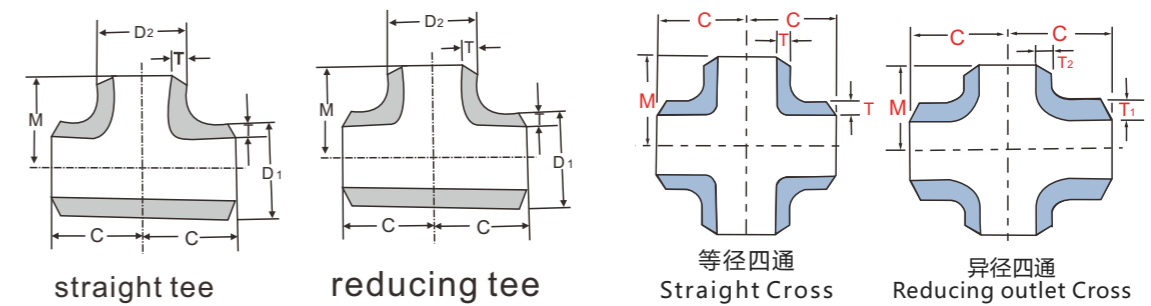
Tees(straight and reducing)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409
 EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
 Weights are approximate and based on manufacturer's data, according to ANSI B16.19



Tees(straight and reducing)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409
 EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
 Weights are approximate and based on manufacturer's data, according to ANSI B16.19



Unit:mm

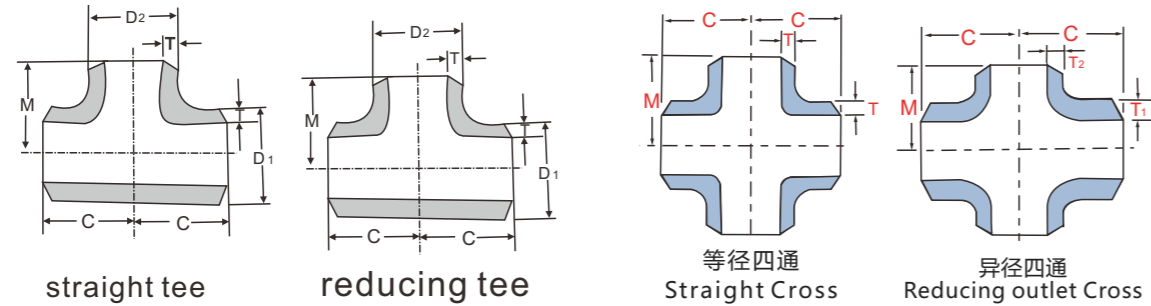
Nominal diameter		Outside diameter	Center to end		Approx weight					
DN	NPS	D ₁ ×D ₂	C	M	sch5S	sch10S	sch40S/ STD	sch40S	sch80S/ XS	sch80
125×90	5×3.1/2	141.3×101.6	124	114	3.09	3.83	7.39	7.39	10.6	10.6
125×80	5×3	133×89 141.3×88.9	124	111	2.90 3.02	3.59 3.74	6.92 7.21	6.92 7.21	10.0 10.4	10.0 10.4
125×65	5×2.1/2	133×76 141.3×73.0	124	108	2.85 3.00	3.59 3.73	6.92 7.20	6.92 7.20	10.0 10.4	10.0 10.4
125×50	5×2	133×57 141.3×60.3	124	105	2.80 3.92	3.58 3.73	6.92 7.20	6.92 7.20	10.0 10.4	10.0 10.4
150×150	6×6	159×159 168.3×168.3	143	143	4.09 4.32	5.03 5.31	10.5 11.1	10.5 11.1	16.2 17.1	16.2 17.1
150×125	6×5	159×133 168.3×141.3	143	137	3.84 4.13	4.73 5.08	9.88 10.6	9.88 10.6	15.2 16.3	15.2 16.3
150×100	6×4	159×108 168.3×114.3	143	130	3.76 3.95	4.64 4.87	9.70 10.2	9.70 10.2	14.9 15.6	14.9 15.6
150×90	6×3.1/2	168.3×101.6	143	127	3.91	4.82	10.1	10.1	15.5	15.5
150×80	6×3	159×89 168.3×88.9	143	124	3.72 3.93	4.56 4.82	9.56 10.0	9.56 10.0	14.7 15.3	14.7 15.3
150×65	6×2.1/2	159×76 168.3×73.0	143	121	3.70 3.81	4.51 4.72	9.51 10.0	9.51 10.0	14.6 15.2	14.6 15.2
200×200	8×8	219×219	178	178	7.72	10.4	22.8	22.8	35.4	35.4
200×150	8×6	219×159 219.1×168.3	178	168	6.74 7.17	9.20 9.74	19.9 21.1	19.9 21.1	30.9 32.8	30.9 32.8
200×125	8×5	219×133 219.1×141.3	178	162	6.61 7.03	8.98 9.55	19.5 20.7	19.5 20.7	30.2 32.2	30.2 32.2
200×100	8×4	219×108 219.1×114.3	178	156	6.43 6.84	8.73 9.39	19.0 19.9	20.5 20.2	29.4 31.3	29.4 31.3
200×90	8×3.1/2	219.1×101.6	178	152	6.84	9.18	19.8	20.1	31.1	31.1
250×250	10×10	273×273	216	216	14.6	18.04	40.04	40.04	52.8	65.12
250×200	10×8	273×219	216	203	13.3	16.4	36.4	36.4	49.8	59.2
250×150	10×6	273×159 273.1×168.3	216	194	11.4 12.1	15.0 15.0	31.4 33.4	31.4 33.4	42.7 45.4	50.7 54.0
250×125	10×5	273×133 273.1×141.3	216	191	11.2 11.9	14.6 14.6	30.7 32.7	30.7 32.7	41.8 44.5	49.7 52.9
250×100	10×4	273×108 273.1×114.3	216	184	11.0 11.7	14.4 14.4	30.3 32.2	30.3 32.2	41.2 42.9	49.0 52.1
300×300	12×12	325×325 323.9×323.9	254	254	21.5 21.5	24.8 24.8	51.8 51.8	56.1 56.0	69.0 69.0	95.0 95.0
300×250	12×10	325×273 323.9×273.1	254	241	20.4 20.3	23.6 23.4	49.2 49.1	53.3 53.1	65.6 65.2	90.3 90.2

Unit:mm

Nominal diameter		Outside diameter	Center to end		Approx weight					
DN	NPS	D ₁ ×D ₂	C	M	sch5S	sch10S	sch40S/ STD	sch40S	sch80S/ XS	sch80
300×200	12×8	325×219 323.9×219.1	254	229	20.2 20.0	23.3 23.1	48.4 48.2	52.4 52.2	64.4 64.2	88.6 88.4
300×150	12×6	325×159 323.9×168.3	254	219	18.4 19.5	22.5 22.7	44.3 47.1	47.9 51.0	59.0 62.7	81.2 86.4
300×125	12×5	325×133 323.9×141.3	254	216	18.0 19.1	20.8 22.1	43.6 46.3	47.1 50.2	57.8 61.5	79.6 84.6
350×350	14×14	377×377 355.6×355.6	279	279	27.4 25.7	33.1 31.1	66.1 62.0	77.2 72.5	88.0 82.7	132 124
350×300	14×12	377×325 355.6×323.9	279	270	25.8 24.2	31.1 29.2	62.1 58.3	72.5 68.2	82.7 77.7	124 116
350×250	14×10	377×273 355.6×273.1	279	257	25.1 23.7	30.3 28.6	60.5 57.0	70.8 66.7	80.7 76.0	121 114
350×200	14×8	377×219 355.6×219.1	279	248	24.6 23.1	29.7 27.9	59.2 55.7	69.2 65.2	78.0 74.2	118 111
350×150	14×6	377×159 355.6×168.3	279	238	24.0 22.3	29.0 27.1	57.9 54.2	67.8 64.8	77.1 77.8	115 110
400×400	16×16	426×426 406.4×406.4	305	305	33.1 31.4	38.0 36.1	75.9 72.3	101 96.4	101 96.1	170 162
400×350	16×14	426×377 406.4×355.6	305	305	32.0 30.4	36.8 34.9	73.6 70.1	98.1 93.4	97.8 92.9	179 162
400×300	16×12	426×325 406.4×323.9	305	295	31.0 28.2	35.6 34.4	71.4 69.1	95.2 90.8	94.7 89.2	173 168
400×250	16×10	426×273 406.4×273.1	305	283	30.2 28.7	34.7 33.0	69.9 66.6	93.1 88.7	92.5 87.8	169 161
400×200	16×8	426×219 406.4×219.1	305	273	29.5 28.1	33.9 32.3	68.4 65.1	91.1 86.8	90.2 86.0	165 157
400×150	16×6	426×159 406.4×168.3	305	264	29.2 27.7	33.5 31.8	67.6 64.4	217 206	89.2 84.8	90.1 85.8
450×450	18×18	478×478 457×457	343	343	41.9 39.8	47.8 45.5	95.3 90.7	349 332	127 120	142 136
450×400	18×16	478×426 457×406.4	343	330	41.0 39.0	46.8 44.5	93.3 88.9	342 325	144 118	140 133
450×350	18×14	478×377 406.4×355.6	343	330	40.4 38.3	46.1 43.8	91.9 87.3	336 320	142 135	137 130
450×300	18×12	478×325 406.4×323.9	343	321	39.8 37.3	45.4 42.6	90.6 85.0	331 216	140 131	135 127
450×250	18×10	478×273 457×273.1	343	308	39.3 37.3	44.9 42.6	89.6 85.0	228 216	138 131	134 127
450×200	18×8	478×219 457×219.1	343	298	38.8 36.9	44.3 42.1	89.1 84.7	225 213	137 130	132 126

Tees(straight and reducing)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409
EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

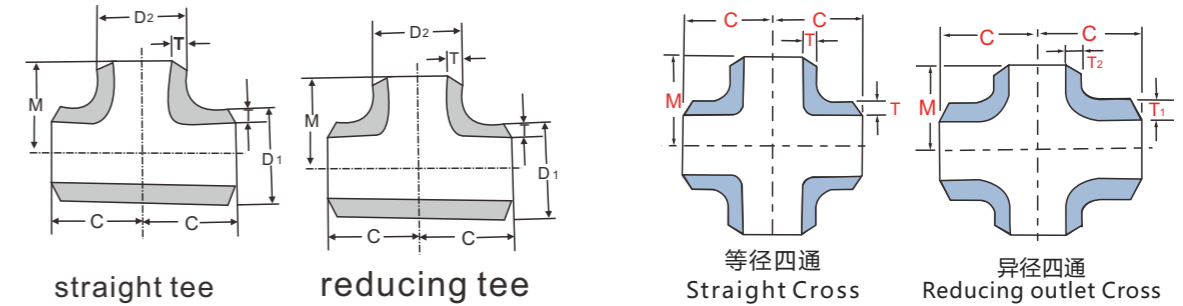


Unit:mm

Nominal diameter		Outside diameter	Center to end		Approx weight					
DN	NPS	D ₁ ×D ₂	C	M	sch5S	sch10S	sch40S/ STD	sch40S	sch80S/ XS	sch80
500×500	20×20	529×529 508×508	381	381	58.9 56.3	68.2 65.3	117 112	469 449	156 149	186 178
500×450	20×18	529×478 508×457	381	368	57.9 55.4	67.1 64.2	115 110	462 441	154 147	183 175
500×400	20×16	529×426 508×406.4	381	356	57.0 54.7	66.0 63.4	113 109	454 436	151 145	180 173
500×350	20×14	529×377 508×355.6	381	356	56.0 53.7	64.9 62.3	111 107	446 428	148 142	177 170
500×300	20×12	529×325 508×323.9	381	346	55.0 52.8	63.8 61.2	109 105	438 421	146 140	174 167
500×250	20×10	529×273 508×273.1	381	333	54.4 52.2	63.0 60.5	108 104	433 416	144 138	172 165
500×200	20×8	529×219 508×219.1	381	324	53.7 51.5	62.3 59.7	107 102	428 410	142 137	170 163
550×550	22×22	559×559	419	419	73.5	85.2	146	635	195	-
550×500	22×20	559×508	419	406	70.7	81.9	141	610	187	-
550×450	22×18	559×457	419	394	67.7	78.5	135	584	180	-
550×400	22×16	559×406.4	419	381	66.2	76.7	132	571	179	-
550×350	22×14	559×355.6	419	381	65.5	75.9	130	565	174	-
550×300	22×12	559×323.9	419	371	64.0	74.2	127	552	170	-
550×250	22×10	559×273.1	419	359	62.5	72.5	124	540	166	-
600×600	24×24	630×630 610×610	432	432	96.0 93.9	110 107	165 161	797 779	220 215	303 296
600×550	24×22	610×559	432	432	90.1	103	155	748	206	-
600×500	24×20	630×529 610×508	432	432	92.2 86.4	105 99.4	158 148	765 701	211 198	291 272
600×450	24×18	630×478 610×457	432	419	88.4 84.5	101 96.9	152 145	734 694	202 193	278 266
600×400	24×16	630×426 610×406.4	432	406	86.4 83.2	99.1 95.7	148 143	718 690	198 191	272 263
600×350	24×14	630×377 610×355.6	432	406	85.5 81.7	98.0 93.5	147 140	710 678	195 187	269 257
600×300	24×12	630×325 610×323.9	432	397	83.5 79.8	95.8 91.5	143 137	678 662	191 182	263 251
600×250	24×10	630×273 610×273.1	432	384	81.6 77.9	93.6 89.3	140 134	662 647	187 178	257 245
650×650	26×26	660×660	495	495	-	-	206	-	274	-
650×600	26×24	660×610	495	483	-	-	197	-	263	-
650×550	26×22	660×559	495	470	-	-	189	-	252	-

Tees(straight and reducing)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409
EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

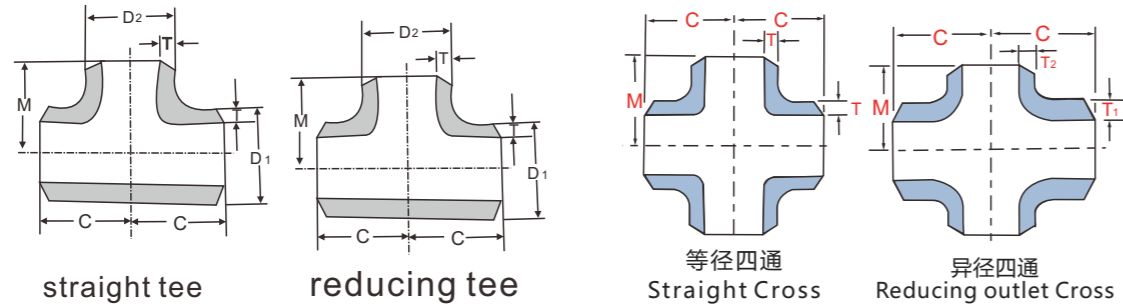


Unit:mm

Nominal diameter		Outside diameter	Center to end		Approx weight					
DN	NPS	D ₁ ×D ₂	C	M	sch5S	sch10S	sch40S/ STD	sch40S	sch80S/ XS	sch80
650×500	26×20	660×508.0	495	457	-	-	185	-	246	-
650×450	26×18	660×457.2	495	444	-	-	183	-	244	-
650×400	26×16	660×406.4	495	432	-	-	179	-	238	-
650×350	26×14	660×355.6	495	432	-	-	175	-	233	-
650×300	26×12	660×323.9	495	422	-	-	171	-	227	-
700×700	28×28	720×720 711×711	521	521	-	-	232 229	-	300 305	-
700×650	28×26	711×660	521	521	-	-	222	-	293	-
700×600	28×24	720×630 711×610	510	508	-	-	222 211	-	296 275	-
700×550	28×22	711×559	521	495	-	-	204	-	272	-
700×500	28×20	720×529 711×508	521	483	-	-	222 199	-	296 265	-
700×450	28×18	720×478 711×457	521	470	-	-	208 195	-	275 263	-
700×400	28×16	720×426 711×406.4	521	457	-	-	206 190	-	268 259	-
700×350	28×14	720×377 711×355.6	521	457	-	-	201 183	-	260 253	-
700×300	28×12	720×325 711×323.9	521	448	-	-	197 179	-	256 244	-
750×750	30×30	762×762	559	559	176	200	264	-	352	-
750×700	30×28	762×711	559	546	-	-	254	-	338	-
750×650	30×26	762×660	559	546	-	-	243	-	323	-
750×600	30×24	762×610	559	533	158	197	238	-	317	-
750×550	30×22	762×559	559	521	157	195	235	-	314	-
750×500	30×20	762×508	559	508	153	174	230	-	306	-
750×450	30×18	762×457	559	495	149	170	224	-	299	-
750×400	30×16	762×406.4	559	483	146	166	219	-	292	-
750×350	30×14	762×355.6	559	483	141	166	211	-	285	-
750×300	30×12	762×323.9	559	473	137	156	206	-	275	-
750×250	30×10	762×273	559	460	132	150	198	-	264	-
800×800	32×32	820×820 813×813	597	597	-	-	303 302	-	405 402	-
800×750	32×30	813×762	597	584	-	-	290	-	386	-
800×700	32×28	820×720 813×711	597	572	-	-	291 277	-	388 370	-
800×650	32×26	813×660	597	572	-	-	271	-	362	-

Tees(straight and reducing)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409
EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

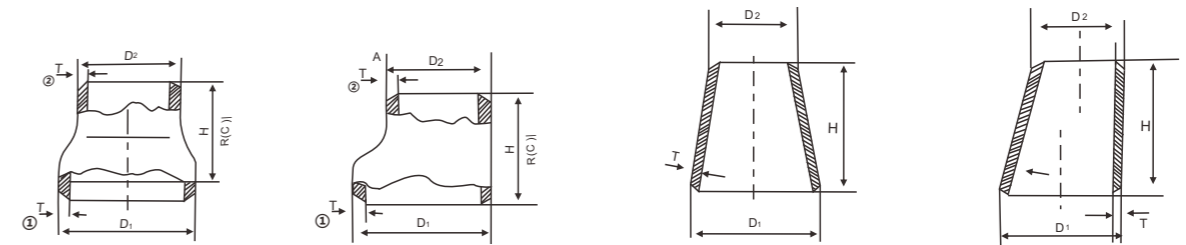


Unit:mm

Nominal diameter		Outside diameter	Center to end		Approx weight					
DN	NPS	D ₁ ×D ₂	C	M	sch5S	sch10S	sch40S/ STD	sch40S	sch80S/ XS	sch80
800×600	32×24	820×630 813×610	597	559	-	-	279 268	-	356 358	-
800×550	32×22	813×559	597	546	-	-	262	-	350	-
800×500	32×20	820×529 813×508	597	533	-	-	273 256	-	364 342	-
800×450	32×18	820×478 813×457	597	521	-	-	270 250	-	360 334	-
800×400	32×16	820×426 813×406.4	597	508	-	-	264 241	-	352 322	-
800×350	32×14	820×377 813×355.6	597	508	-	-	258 235	-	344 314	-
850×850	34×34	864×864	635	635	-	-	341	626	415	-
850×800	34×32	864×813	635	622	-	-	328	610	437	-
850×750	34×30	864×762	635	610	-	-	314	-	419	-
850×700	34×28	864×711	635	597	-	-	307	-	409	-
850×650	34×26	864×660	635	597	-	-	304	-	405	-
850×600	34×24	864×610	635	584	-	-	297	545	396	-
850×550	34×22	864×559	635	572	-	-	290	532	387	-
850×500	34×20	864×508	635	559	-	-	283	520	378	-
850×450	34×18	864×457	635	546	-	-	273	501	364	-
850×400	34×16	864×406.7	635	533	-	-	266	488	355	-
900×900	36×36	920×920 914×914	673	673	-	-	648 639	786 767	543 511	-
900×850	36×34	914×864	673	660	-	-	619	736	511	-
900×800	36×32	920×820 914×813	673	648	-	-	370 353	741 690	594 470	-
900×750	36×30	914×762	673	635	-	-	345	-	460	-
900×700	36×28	920×720 914×711	673	622	-	-	355 341	-	473 455	-
900×650	36×26	914×660	673	622	-	-	333	667	447	-
900×600	36×24	914×610	673	610	-	-	326	651	434	-
900×550	36×22	914×559	673	597	-	-	318	636	424	-
900×500	36×20	920×529 914×508	673	584	-	-	347 306	685 598	462 409	-
900×450	36×18	920×478 914×457	673	572	-	-	343 299	693 913	457 398	-
900×400	36×16	920×426 914×406.4	673	559	-	-	335 287	669 575	447 383	-

Reducers(concentric and eccentric)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409
EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

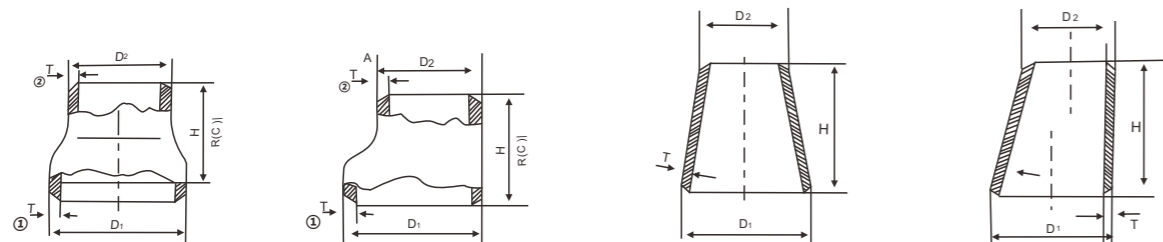


Unit:mm

Nominal diameter		Outside diameter	End to end	Approx weight					
DN	NPS	D ₁ ×D ₂	H	sch5S	sch10S	sch40S/ STD	sch40S	sch80S/ XS	sch80
20×15	3/4×1/2	25×18 26.7×21.3	38	0.03 0.04	0.04 0.04	0.05 0.06	0.05 0.06	0.07 0.07	0.07 0.07
25×20	1×3/4	32×25 33.4×26.7	51	0.06 0.06	0.09 0.10	0.11 0.11	0.11 0.11	0.14 0.15	0.14 0.15
25×15	1×1/2	32×18 33.4×21.3	51	0.05 0.06	0.08 0.09	0.09 0.10	0.09 0.10	0.12 0.13	0.12 0.13
32×25	1.1/4×1	38×32 42.2×33.4	51	0.07 0.08	0.11 0.12	0.14 0.15	0.14 0.15	0.18 0.20	0.18 0.20
32×20	1.1/4×3/4	38×25 42.2×26.7	51	0.06 0.07	0.10 0.11	0.13 0.14	0.13 0.14	0.16 0.18	0.16 0.18
32×15	1.1/4×1/2	38×18 42.2×21.3	51	0.06 0.07	0.09 0.11	0.11 0.13	0.11 0.13	0.14 0.17	0.14 0.17
40×32	1.1/2×1.1/4	45×38 48.3×33.4	64	0.11 0.11	0.17 0.19	0.22 0.24	0.22 0.24	0.29 0.32	0.29 0.32
40×25	1.1/2×1	45×32 48.3×33.4	64	0.10 0.10	0.16 0.17	0.20 0.22	0.20 0.22	0.27 0.29	0.27 0.29
40×20	1.1/2×3/4	45×25 48.3×26.7	64	0.09 0.10	0.15 0.16	0.18 0.20	0.18 0.20	0.24 0.26	0.24 0.26
40×15	1.1/2×1/2	45×18 48.3×21.3	64	0.08 0.09	0.13 0.15	0.16 0.19	0.16 0.19	0.21 0.24	0.21 0.24
50×40	2×1.1/2	57×45 60.3×48.3	76	0.16 0.17	0.26 0.27	0.35 0.37	0.35 0.37	0.47 0.51	0.47 0.51
50×32	2×1.1/4	57×38 60.3×42.2	76	0.15 0.16	0.24 0.26	0.32 0.35	0.32 0.35	0.44 0.48	0.44 0.48
50×25	2×1	57×32 60.3×33.4	76	0.14 0.14	0.22 0.24	0.30 0.32	0.30 0.32	0.41 0.44	0.41 0.44
65×50	2.1/2×2	76×57 73.0×60.3	89	0.30 0.30	0.43 0.43	0.70 0.70	0.70 0.70	0.92 0.92	0.92 0.92
65×40	2.1/2×1.1/2	76×45 73.0×48.3	89	0.28 0.28	0.40 0.40	0.64 0.63	0.64 0.63	0.84 0.83	0.84 0.83
65×32	2.1/2×1.1/4	76×38 73.0×42.2	89	0.26 0.27	0.38 0.38	0.60 0.60	0.60 0.60	0.79 0.79	0.79 0.79
65×25	2.1/2×1	76×32 73.0×33.4	89	0.25 0.25	0.36 0.35	0.57 0.56	0.57 0.56	0.75 0.73	0.75 0.73
80×65	3×2.1/2	89×76 88.9×73.0	89	0.38 0.37	0.54 0.53	0.93 0.91	0.93 0.91	1.26 1.23	1.26 1.23
80×50	3×2	89×57 88.9×60.3	89	0.34 0.35	0.48 0.49	0.83 0.84	0.83 0.84	1.11 1.13	1.11 1.13

Reducers (concentric and eccentric)

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
Weights are approximate and based on manufacturer's data, according to ANSI B16.19

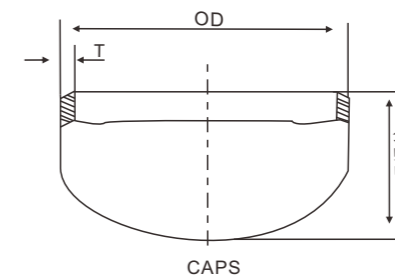


Unit:mm

Nominal diameter		Outside diameter	End to end	Approx weight					
DN	NPS	D ₁ ×D ₂	H	sch5S	sch10S	sch40S/STD	sch40S	sch80S/XS	sch80
550×500	22×20	559×508	508	32.1	37.3	62.7	-	83.0	182
550×450	22×18	559×457	508	30.8	35.0	59.9	-	79.3	174
550×400	22×16	559×406.4	508	29.4	34.0	57.2	-	75.7	165
550×350	22×14	559×355.6	508	28.0	32.5	54.5	-	72.1	157
600×550	24×22	610×559	508	28.0	46.8	68.8	-	91.2	215
600×500	24×20	630×529 610×508	508	40.4 39.2	46.2 44.9	68.0 66.0	123 119	90.1 87.4	212 206
600×450	24×18	630×478 610×457	508	39.1 37.6	44.7 43.1	65.8 63.3	119 114	87.1 83.9	205 197
600×400	24×16	630×426 610×406.4	508	37.5 36.1	43.0 41.3	63.1 60.7	114 110	83.6 80.4	197 189
650×600	26×24	660×610	610	-	-	89.8	-	119	-
650×550	26×22	660×559	610	-	-	86.3	-	114	-
650×500	26×20	660×508	610	-	-	83.0	-	110	-
650×450	26×18	660×457	610	-	-	89.0	-	105	-
700×650	28×26	711×660	610	-	-	97.1	-	129	-
700×600	28×24	720×630 711×610	610	-	-	95.7 93.6	-	127 124	-
700×550	28×22	711×559	610	-	-	90.4	-	120	-
750×700	30×28	762×711	610	-	-	104	-	139	-
750×650	30×26	762×660	610	-	-	101	-	133	-
750×600	30×24	762×610	610	66.4	82.7	97.8	-	130	-
750×550	30×22	762×559	610	63.9	80.0	94.5	-	125	-
800×750	32×30	813×762	610	-	-	112	-	148	-
800×700	32×28	820×720 812×711	610	-	-	109 108	-	145 144	-
800×650	32×26	812×660	610	-	-	105	-	139	-
800×600	32×24	820×630 813×610	610	-	-	104 102	-	138 135	-
850×800	34×32	864×813	610	-	-	119	-	158	-
850×750	34×30	864×762	610	-	-	116	-	153	-
850×700	34×28	864×711	610	-	-	112	-	149	-
850×650	34×26	864×660	610	-	-	109	-	145	-
900×850	36×34	914×864	610	-	-	126	-	168	-
900×800	36×32	920×820 914×813	610	-	-	124 123	-	164 163	-
900×750	36×30	914×762	610	-	-	120	-	159	-
900×700	36×28	920×720 914×711	610	-	-	118 117	-	156 155	-

CAPS

Above dimensions acc.to GB/T 12459, GB/T 13401, SH 3408, SH 3409, EN10253-4, ASME B16.9, MSS SP-43, DIN 2605, JIS B2313
Weights are approximate and based on manufacturer's data, according to ANSI B16.19



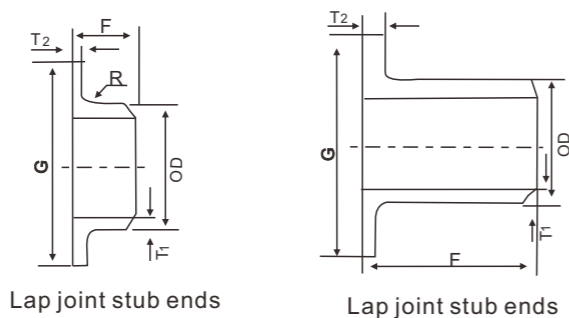
Unit:mm

Nominal diameter		Outside diameter	Back to end		(E)Approx weight					
DN	NPS	OD	E	Ei	sch5S	sch10S	sch40S/STD	sch40	sch80S/XS	sch80
15	1/2	18 21.3	25	25	0.019 0.022	0.024 0.028	0.031 0.037	0.031 0.037	0.042 0.050	0.042 0.050
20	3/4	25 26.7	25	25	0.027 0.029	0.033 0.035	0.045 0.048	0.045 0.048	0.060 0.065	0.060 0.065
25	1	32 33.7	38	38	0.049 0.052	0.083 0.087	0.101 0.106	0.101 0.106	0.136 0.143	0.136 0.143
32	1.1/4	38 42.4	38	38	0.058 0.065	0.099 0.110	0.126 0.141	0.126 0.141	0.173 0.193	0.173 0.193
40	1.1/2	45 48.3	38	38	0.071 0.076	0.118 0.127	0.158 0.169	0.158 0.169	0.218 0.234	0.218 0.234
50	2	57 60.3	38	44	0.094 0.099	0.156 0.165	0.221 0.234	0.221 0.234	0.313 0.331	0.313 0.331
65	2.1/2	76 73.0	38	51	0.167 0.161	0.241 0.232	0.409 0.393	0.409 0.393	0.555 0.534	0.555 0.534
80	3	89	51	64	0.254	0.367	0.660	0.660	0.917	0.917
90	3.1/2	101.6	64	76	0.355	0.512	0.965	0.965	1.36	1.36
100	4	108 114.3	64	76	0.387 0.410	0.561 0.594	1.11 1.17	1.11 1.17	1.58 1.67	1.58 1.67
125	5	133 139.7 141.3	76	89	0.769 0.808 0.817	0.945 0.993 1.00	1.82 1.91 1.93	1.82 1.91 1.93	2.65 2.78 2.81	2.65 2.78 2.81
150	6	159 166.3 165.2	89	102	1.07 1.13 1.11	1.31 1.39 1.36	2.74 2.90 2.85	2.74 2.90 2.85	4.22 4.47 4.39	4.22 4.47 4.39
200	8	219 216.1	102	127	1.76 1.74	2.38 2.35	5.19 5.13	5.19 5.13	8.05 7.95	8.05 7.95
250	10	273 267.4	127	152	3.36 3.29	4.14 4.05	9.15 8.96	9.15 8.96	12.5 12.2	16.3 16.4
300	12	325 323.9 318.5	152	187	5.12 5.11 5.02	6.40 6.39 6.27	13.5 13.3 13.2	14.6 14.4 14.2	17.9 17.7 17.3	28.3 27.1 26.8
350	14	377 355.6	165	191	6.00 5.66	8.46 7.87	16.9 15.9	19.9 18.8	22.5 21.2	38.5 35.2
400	16	426 406.4	176	203	6.93 6.60	7.91 7.53	21.0 20.0	28.2 20.0	28.0 26.7	52.0 49.1
450	18	478 457.2	203	229	7.90 7.52	9.01 8.58	26.9 25.6	43.8 41.4	35.8 34.1	76.1 69.1
500	20	529 508.0	229	254	10.5 10.1	12.02 11.7	33.2 31.9	57.6 54.0	44.2 42.5	103 93.7
550	22	559	254	254	12.1	22.6	38.8	78.3	51.7	116
600	24	630 610	254	305	14.8 14.3	16.9 16.4	46.5 45.1	92.3 90.1	61.9 60.1	177 160
650	26	660	267		23.3	26.1	50.5	103.5	67.3	
700	28	720 711	267		27.1 38.7	32.4 49.7	56.9 56.2	151.1 121.3	75.6 74.9	
750	30	762	267		41.4	51.7	62.1	117.3	82.8	
800	32	820 813	267		43.4 43.1	58.3 57.7	70.6 70.0	127 126	92.0 91.2	
850	34	864	267		57.2	68.5	78.7	144	105	
900	36	920 914	267		60.3 59.1	74.6 72.1	86.6 85.7	172 171	115 114	

Stub End

Above dimensions acc.to MSS SP-43, ASME B16.9.

Size of this table is applicable (SE) to the eld ring elastic sleeve rigid visual flange (HG20599-97) PN1.6 Mpa. Customers require different type of pressure, please indicate in the contract.



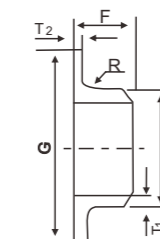
Unit:mm

Normal diameter		Outside diameter OD	Length F		Diameter of lap Nominal&Maximum G	Radius of FilletR		(E)Approx weight					
DN	NPS		短型 SP	长型 LP		A Max	B Max	sch5S		sch10S		sch40S	
15	1/2	21.3	50.8	76.2	35.1	3	0.75	0.049	0.067	0.063	0.084	0.079	1.106
20	3/4	26.7	50.8	76.2	42.9	3	0.75	0.064	0.087	0.081	0.109	0.101	0.144
25	1	33.4	50.8	101.6	50.8	3	0.75	0.082	0.144	0.134	0.233	0.160	0.279
32	1.1/4	42.4	50.8	101.6	63.5	5	0.75	0.109	0.188	0.178	0.307	0.225	0.386
40	1.1/2	48.3	50.8	152.4	73.2	6	0.75	0.129	0.219	0.231	0.358	0.279	0.467
50	2	60.3	63.5	152.4	91.9	8	0.75	0.204	0.406	0.338	0.667	0.471	0.924
65	2.1/2	73.0	63.5	152.4	104.6	8	0.75	0.313	0.626	0.448	0.893	0.470	1.465
80	3	88.9	63.5	152.4	127.0	10	0.75	0.400	0.781	0.574	1.117	1.01	1.954
90	3.1/2	101.6	76.2	152.4	139.7	10	0.75	0.522	0.896	0.650	1.283	1.38	2.35
100	4	114.3	76.2	152.4	157.2	11	0.75	0.606	1.024	0.870	1.474	1.68	2.822
125	5	141.3	76.2	203.2	185.7	11	1.5	0.985	2.153	1.21	2.635	2.08	4.957
150	6	168.3	88.9	203.0	215.9	13	1.5	1.34	2.591	1.64	3.174	3.37	6.482
200	8	219.1	101.6	203.2	269.7	13	1.5	1.96	3.409	2.56	4.607	5.67	9.819
250	10	273.1	127	254.0	323.9	13	1.5	3.57	6.389	4.39	7.843	9.55	17.023
300	12	323.9	152.4	254.0	381.0	13	1.5	5.85	8.922	6.74	10.275	13.8	21.075
350	14	355.6	152.4	304.8	412.8	13	1.5	6.55	11.571	7.49	13.912	16.88	
400	16	406.4	152.4	304.8	469.9	13	1.5	7.778	14.216	8.797	16.078		
450	18	457.2	152.4	304.8	533.4	13	1.5	9.009	16.216	10.252	18.453		
500	20	508	152.4	304.8	584.2	13	1.5	11.102	19.984	13.202	23.764		
550	22	559	152.4	304.8	641.4	13	1.5	12.763	22.81	14.779	26.413		
600	24	610	152.4	304.8	692.2	13	1.5	16.132	28.839	18.476	33.028		

Stub End

Size of this table is applicable (SE) to the weld

ring elastic sleeve rigid visual flange (HG20599-97) PN1.6 Mpa. Customers require different type of pressure, please indicate in the contract.



Unit:mm

Normal pipe size DN	Outside Diameter at Bevel D		PN0.6MPa(6bar)			PN0.10MPa(10bar)			PN1.6MPa(16bar)			PN2.5MPa(25bar)		
	sreiesA	sreiesB	F	G	R	F	G	R	F	G	R	F	G	R
20	26.9	25	32	48	2	40	56	2	40	56	2	40	56	2
25	33.7	32	35	58	3	40	65	3	40	65	2	40	65	3
32	42.4	38	35	69	3	42	76	3	42	76	2	42	76	3
40	48.3	45	35	78	3	45	84	3	45	84	2	45	84	3
50	60.3	57	38	88	3	48	99	3	48	99	2	48	99	3
65	76.1	76	38	108	3	48	118	3	48	118	2	58	118	3
80	88.9	89	38	124	4	50	132	4	50	132	4	58	132	4
100	114.3	108	42	144	4	52	156	4	52	156	4	65	156	4
125	139.7	133	42	174	4	55	184	4	55	184	4	68	184	4
150	168.3	159	48	199	4	55	211	4	55	211	4	75	211	4
200	219.1	219	55	254	5	62	266	5	62	266	5	80	274	5
250	273	273	60	309	5	68	319	5	70	319	5	88	330	5
300	323.9	325	62	363	5	68	370	5	78	370	5	92	389	5
350	355.6	377	62	413	5	68	429	5	82	429	5	100	448	5
400	406.4	426	65	463	5	72	480	5	85	480	5	110	503	5
450	457	478	65	518	5	72	530	5	87	548	5	110	548	5
500	508	529	68	568	6	75	582	6	90	609	6	125	609	6
600	610	630	70	667	6	80	682	6	95	720	6	125	720	6

Outside diameter and wall thickness ASME B36.10M、B36.19M

SCH5s、10s、40s、80s用于不锈钢管件
SCH5s、10s、40s、80s
applies for stainless steel fittings.

Unit:mm

公称 通径 Nominal Pipe Size	外径 Outside Diameter	公称壁厚T Nominal Wall Thickness																			
		DN	NPS	D	SCH 5s	SCH 10s	SCH 10	SCH 20	SCH 30	SCH 40s	STD	SCH 40	SCH 60	SCH 80s	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	XXS
6	1/8	10.3	—	1.24	—	—	—	—	1.73	1.73	1.73	—	2.41	2.41	2.41	—	—	—	—	—	—
8	1/4	13.7	—	1.65	—	—	—	—	2.24	2.24	2.24	—	3.02	3.02	3.02	—	—	—	—	—	—
10	3/8	17.1	—	1.65	—	—	—	—	2.31	2.31	2.31	—	3.20	3.20	3.20	—	—	—	—	—	—
15	1/2	21.3	1.65	2.11	—	—	—	—	2.77	2.77	2.77	—	3.73	3.73	3.73	—	—	—	—	4.78	7.47
20	3/4	26.7	1.65	2.11	—	—	—	—	2.87	2.87	2.87	—	3.91	3.91	3.91	—	—	—	—	5.56	7.82
25	1	33.4	1.65	2.77	—	—	—	—	3.38	3.38	3.38	—	4.55	4.55	4.55	—	—	—	—	6.35	9.09
32	1 1/4	42.2	1.65	2.77	—	—	—	—	3.56	3.56	3.56	—	4.85	4.85	4.85	—	—	—	—	6.35	9.70
40	1 1/2	48.3	1.65	2.77	—	—	—	—	3.68	3.68	3.68	—	5.08	5.08	5.08	—	—	—	—	7.14	10.15
50	2	60.3	1.65	2.77	—	—	—	—	3.91	3.91	3.91	—	5.54	5.54	5.54	—	—	—	—	8.74	11.07
65	2 1/2	73.0	2.11	3.05	—	—	—	—	5.16	5.16	5.16	—	7.01	7.01	7.01	—	—	—	—	9.53	14.02
80	3	88.9	2.11	3.05	—	—	—	—	5.49	5.49	5.49	—	7.62	7.62	7.62	—	—	—	—	11.13	15.24
90	3 1/2	101.6	2.11	3.05	—	—	—	—	5.74	5.74	5.74	—	8.08	8.08	8.08	—	—	—	—	—	—
100	4	114.3	2.11	3.05	—	—	—	—	6.02	6.02	6.02	—	8.56	8.56	8.56	—	11.13	—	—	13.49	17.12
125	5	141.3	2.77	3.40	—	—	—	—	6.55	6.55	6.55	—	9.53	9.53	9.53	—	12.70	—	—	15.88	19.05
150	6	168.3	2.77	3.40	—	—	—	—	7.11	7.11	7.11	—	10.97	10.97	10.97	—	14.27	—	—	18.26	21.95
200	8	219.1	2.77	3.76	—	6.35	7.04	8.18	8.18	8.18	10.31	12.70	12.70	12.70	15.09	18.26	20.62	23.01	22.23	—	—
250	10	273.1	3.40	4.19	—	6.35	7.80	9.27	9.27	9.27	12.70	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40	—	—
300	12	323.9	3.96	4.57	—	6.35	8.38	9.53	9.53	10.31	14.27	12.70	12.70	17.48	21.44	25.40	28.58	33.32	25.40	—	—
350	14	355.6	3.96	4.78	6.35	7.92	9.53	—	9.53	11.13	15.09	—	12.70	19.05	23.83	27.79	31.75	35.71	—	—	—
400	16	406.4	4.19	4.78	6.35	7.92	9.53	—	9.53	12.70	16.66	—	12.70	21.44	26.19	30.96	36.53	40.49	—	—	—
450	18	457.2	4.19	4.78	6.35	7.92	11.13	—	9.53	14.27	19.05	—	12.70	23.83	29.36	34.93	39.67	45.24	—	—	—
500	20	508	4.78	5.54	6.35	9.53	12.70	—	9.53	15.09	20.62	—	12.70	26.19	32.54	38.10	44.45	50.01	—	—	—
—	22	559	4.78	5.54	6.35	9.53	12.70	—	9.53	—	22.23	—	12.70	28.58	34.93	41.28	47.63	53.98	—	—	—
600	24	610	5.54	6.35	6.35	9.53	14.27	—	9.53	17.48	24.61	—	12.70	30.96	38.89	46.02	52.37	59.54	—	—	—
—	26	660	—	—	7.92	12.70	—	—	9.53	—	—	—	12.70	—	—	—	—	—	—	—	—
700	28	711	—	—	7.92	12.70	15.88	—	9.53	—	—	—	12.70	—	—	—	—	—	—	—	—
—	30	762	6.35	7.92	7.92	12.70	15.88	—	9.53	—	—	—	12.70	—	—	—	—	—	—	—	—
800	32	813	—	—	7.92	12.70	15.88	—	9.53	17.48	—	—	12.70	—	—	—	—	—	—	—	—
—	34	864	—	—	7.92	12.70	15.88	—	9.53	17.48	—	—	12.70	—	—	—	—	—	—	—	—
900	36	914	—	—	7.92	12.70	15.88	—	9.53	19.05	—	—	12.70	—	—	—	—	—	—	—	—
—	38	965	—	—	—	—	—	—	9.53	—	—	—	12.70	—	—	—	—	—	—	—	—
1000	40	1016	—	—	—	—	—	—	9.53	—	—	—	12.70	—	—	—	—	—	—	—	—
—	42	1067	—	—	—	—	—	—	9.53	—	—	—	12.70	—	—	—	—	—	—	—	—
1100	44	1118	—	—	—	—	—	—	9.53	—	—	—	12.70	—	—	—	—	—	—	—	—
—	46	1168	—	—	—	—	—	—	9.53	—	—	—	12.70	—	—	—	—	—	—	—	—
1200	48	1219	—	—	—	—	—	—	9.53	—	—	—	12.70	—	—	—	—	—	—	—	—

Outside diameter and wall thickness JISB2311、B2312、B2313

SCH5s、10s、20s、40s、80s
applies for stainless steel fittings.

Unit:mm

公称 通径 Nominal Pipe Size	外径 Outside Diameter	公称壁厚T Nominal Wall Thickness																			
		DN	NPS	D	SGP	SCH 5s	SCH 10s	SCH 10	SCH 20	SCH 30	SCH 40s	STD	SCH 40	SCH 60	SCH 80s	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160
15		21.7	2.8	1.65	2.1	—	2.5	—	2.8	2.8	2.8	—	3.7	3.7	3.7	—	—	—	—	4.8	7.5
20	3/4	27.2	2.8	1.65	2.1	—	2.5	—	2.9	2.9	2.9	—	3.9	3.9	3.9	—	—	—	—	5.6	7.8
25	1	34.0	3.2	1.65	2.8	—	3.0	—	3.4	3.4	3.4	—	4.5	4.5	4.5	—	—	—	—	6.4	9.1
32	1 1/4	42.7	3.5	1.65	2.8	—	3.0	—	3.6	3.6	3.6	—	4.9	4.9	4.9	—	—	—	—	6.4	9.7
40	1 1/2	48.6	3.5	1.65	2.8	—	3.0	—	3.7	3.7	3.7	—	5.1	5.1	5.1	—	—	—	—	7.1	10.2
50	2	60.5	3.8	1.65	2.8	—	3.5	—	3.9	3.9	3.9	—	5.5	5.5	5.5	—	—	—	—	8.7	11.1
65	2 1/2	76.3	4.2	2.1	3.0	—	3.5	—	5.2	5.2	5.2	—	7.0	7.0	7.0	—	—	—	—	9.5	14.0
80	3	89.1	4.2	2.1	3.0	—	4.0	—	5.2	5.5	5.2	—	7.6	7.6	7.6	—	—	—	—	11.1	15.2
90	3 1/2	101.6	4.2	2.1	3.0	—	4.0	—	5.7	5.7	5.7	—	8.1	8.1	8.1	—	—	—	—	-	-
100	4	114.3	4.5	2.1	3.0	—	4.0	—	6.0	6.0	6.0	—	8.6	8.6	8.6	—	11.1	—	—	13.5	17.1
125	5	139.8	4.5	2.8	3.4	—	5.0	—	6.6	6.6	6.6	—	9.5	9.5	9.5	—	12.7	—	—	15.9	19.0
150	6	165.2	5.0	2.8	3.4	—	5.0	—	7.1	7.1	7.1	—	11.0	11.0	11.0	—	14.3	—	—	18.2	21.9
200	8	216.3	5.8	2.8	4.0	—	6.5	7.0	8.2	8.2	8.2	10.3	12.7	12.7	12.7	15.1	18.2	20.6	23.0	22.2	—
250	10	267.4	6.6	3.4	4.0	—	6.5	7.8	9.3	9.3	9.3	12.7	12.7	12.7	15.1	18.3	21.4	25.4	28.6	25.4	—
300	12	318.5	6.9	4.0	4.5	—	6.5	8.4	9.5	9.5	10.3	14.3	12.7	12.7	17.4	21.4	25.4	28.6	33.3	25.4	—
350	14	355.6	7.9	4.0	5.0	6.4	8.0	9.5	9.5	9.5	11.1	15.1	—	12.7	19.0	23.8	27.8	31.8	35.7	—	—
400	16	404.4	7.9	4.5	5.0	6.4	8.0	9.5	9.5	9.5	12.7	16.1	—	12.7	21.4	26.2	30.9	36.5	40.5	—	—
450	18	457.2	7.9	4.5	5.0	6.4	8.0	11.1	9.5	9.5	14.3	19.0	—	12.7	23.8	29.4	34.9	39.7	45.2	—	—
500	20	508.0	7.9	5.0	5.5	6.4	9.5	12.7	9.5	9.5	15.1	20.6	—	12.7	26.2	32.5	38.1	44.4	50.0	—	—
550	22	558.8	—	5.0	5.5	6.4	9.5	12.7	9.5	9.5	15.9	22.2	—	12.7	28.6	34.9	41.3	47.6	54.0	—	—
600	24	609.6	—	5.5	6.5	6.4	9.5	14.3	9.5	9.5	17.5	24.6	—	12.7	31.0	38.9	46.0	52.4	59.5	—	—
650	26	660.4	—	5.5	8.0	7.9	12.7	-	-	9.5	-	-	—	12.7	34.0	—	—	—	—	—	—
700	28	711.2	—	5.5	8.0	7.9	12.7	15.9	-	9.5	17.5	—	—	12.7	—	—	—	—	—	—	—
750	30	762.0	—	6.5	8.0	7.9	12.7	15.9	9.5	9.5	17.5	—	—	12.7	—	—	—	—	—	—	—
800	32	812.8	—	—	8.0	7.9	12.7	15.9	—	9.5	17.5	—	—	12.7	—	—	—	—	—	—	—
850	34	863.6	—	—	8.0	7.9	12.7	15.9	—	9.5	17.5	—	—	12.7	—	—	—	—	—	—	—
900	36	914.4	—	—	8.0	7.9	12.7	15.9	—	9.5	19.1	—	—	12.7	—	—	—	—	—	—	—
950	38	965.2	—	—	-	-	-	-	-	9.5	-	-	—	12.7	—	—	—	—	—	—	—
1000	40	1016.0	—	—	9.5	—	14.3	—	—	9.5	26.2	—	—	12.7	—	—	—	—	—	—	—
1050	42	1066.8	—	—	—	—	—	—	—	9.5	—	—</									