

### Outside Diameter & Wall Thickness Standards

Nominal		Outside Diameter			Nominal Wall Thickness															
DN	Inch	ASME	JIS	DIN	JIS(1)	DIN(2)	SCH10	SCH20	SCH30	STD	SCH40	SCH60	XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS	
15	1/2"	21.3	21.7	21.3	2.8	2	2.11	—	2.41	2.77	2.77	—	3.73	3.73	—	—	—	4.78	7.74	
20	3/4"	26.7	27.2	26.9	2.8	2.3	2.11	—	2.41	2.87	2.87	—	3.91	3.91	—	—	—	5.56	7.82	
25	1"	33.4	34	33.7	3.2	2.6	2.77	—	2.9	3.38	3.38	—	4.55	4.55	—	—	—	6.35	9.09	
32	1.1/4"	42.2	42.7	42.4	3.5	2.6	2.77	—	2.97	3.56	3.56	—	4.85	4.85	—	—	—	6.35	9.7	
40	1.1/2"	48.3	48.6	48.3	3.5	2.6	2.77	—	3.18	3.68	3.68	—	5.08	5.08	—	—	—	7.14	10.15	
50	2"	60.3	60.5	60.3	3.8	2.9	2.77	—	3.18	3.91	3.91	—	5.54	5.54	—	—	—	8.74	11.07	
65	2.1/2"	73	76.3	76.1	4.2	2.9	3.05	—	4.78	5.16	5.16	—	7.01	7.01	—	—	—	9.53	14.02	
80	3"	88.9	89.1	88.9	4.2	3.2	3.05	—	4.78	5.49	5.49	—	7.62	7.62	—	—	—	11.13	15.24	
100	4"	114.3	114.3	114.3	4.5	3.6	3.05	—	4.78	6.02	6.02	—	8.56	8.56	—	11.13	—	13.49	17.12	
125	5"	141.3	139.8	139.7	4.5	4	3.4	—	—	6.55	6.55	—	9.53	9.53	—	12.7	—	15.88	19.05	
150	6"	168.3	168.3	168.3	5	4.5	3.4	4.5	—	7.11	7.11	—	10.97	10.97	—	14.27	—	18.26	21.95	
200	8"	219.1	219.3	219.1	5.8	6.3	3.76	6.35	7.04	8.18	8.18	10.31	12.7	12.7	15.09	18.26	20.62	23.01	22.23	
250	10"	273.1	273.1	273	6.6	6.3	4.19	6.35	7.8	9.27	9.27	12.7	12.7	15.09	18.26	21.44	25.4	28.58	25.4	
300	12"	323.9	328.9	323.9	6.9	7.1	4.57	6.35	8.38	9.53	10.31	14.27	12.7	17.48	21.44	25.44	28.58	33.32	25.4	
350	14"	355.6	355.6	355.6	7.9	8	6.35	7.92	9.53	9.53	11.13	15.09	12.7	19.05	23.83	27.79	31.75	35.71	—	
400	16"	406.4	406.4	406.4	7.9	8.8	6.35	7.92	9.53	9.53	12.7	16.66	12.7	21.44	26.19	30.96	36.53	40.49	—	
450	18"	457.2	457.2	457	7.9	10	6.35	7.92	11.13	9.53	14.27	19.05	12.7	23.83	29.36	34.93	39.67	45.24	—	
500	20"	508	508	508	7.9	11	6.35	9.53	12.7	9.53	15.09	20.62	12.7	26.19	32.54	38.1	44.45	50.01	—	
550	22"	558.8	558.8	—	—	—	6.35	9.53	12.7	9.53	—	22.23	12.7	28.58	34.93	41.28	47.63	53.98	—	
600	24"	609.6	609.6	610	—	12.5	6.35	9.53	14.27	9.53	17.48	24.61	12.7	30.96	38.89	46.02	52.37	59.54	—	
650	26"	660.4	660.4	—	—	—	7.92	12.7	—	9.53	—	—	12.7	—	—	—	—	—	—	
700	28"	711.1	711.2	711	—	12.5	7.92	12.7	15.88	9.53	—	—	12.7	—	—	—	—	—	—	
750	30"	762	762	—	—	—	7.92	12.7	15.88	9.53	—	—	12.7	—	—	—	—	—	—	
800	32"	812.8	812.8	813	—	12.5	7.92	12.7	15.88	9.53	17.48	—	12.7	—	JIS G3452 ASME B36.10M JIS G3454 DIN2448 JIS G3455 DIN2458 JIS G3457					—
850	34"	863.6	863.6	—	—	—	7.92	12.7	15.88	9.53	17.48	—	12.7	—						—
900	36"	914.4	914.4	914	—	12.5	7.92	12.7	15.88	9.53	19.05	—	12.7	—						—
950	38"	965.2	965.2	—	—	—	—	—	—	9.53	—	—	12.7	—						—
1000	40"	1016	1016	1016	—	12.5	—	—	—	9.53	—	—	12.7	—						—
1050	42"	1066.8	1066.8	—	—	—	—	—	—	9.53	—	—	12.7	—	—	—	—	—	—	
1100	44"	1117.6	1117.6	—	—	—	—	—	—	9.53	—	—	12.7	—	—	—	—	—	—	
1150	46"	1168.4	1168.4	—	—	—	—	—	—	9.53	—	—	12.7	—	—	—	—	—	—	
1200	48"	1219.2	1219.2	1220	—	—	—	—	—	9.53	—	—	12.7	—	—	—	—	—	—	

Note:(1)the wall thickness specified is grade FSGP of JIS B2311:1997

(2) the wall thickness specified is for series 3 of DIN 2605(Part 1):02.91