

# Stainless Steel Pipe

Stainless steel pipe (Stainless Steel) is a hollow long cylindrical steel, its scope of application is used as a pipeline for conveying fluid, mainly widely used in industrial pipelines such as petroleum, chemical industry, medical treatment, food, light industry, mechanical instrumentation, etc. and mechanical structural components. The stainless steel pipe is made of acid-resistant and heat-resistant steel billets, which are heated, pierced, sized, hot-rolled, and cut.

**Standard:** ASTM A269, ASTM A312, ASTM A790, ASTM A789, EN 10216-2, EN 10305, etc.

**Grades:** 201, 301, 304, 304L, 316, 316L, 321, 400, 409, etc.

**Technical Treatment:** Cold Rolled, Hot Rolled

**Wall Thickness:** 1mm-150mm(SCH10-XXS)

**Outer Diameter:** 6mm-2500mm (1/8"-100")

**Surface Finish:** Polishing, Annealing, Pickling, Bright



## Stainless Steel Pipes Size

Outside Diameter			Normal Wall Thickness (Sch)																
NPS	DN	mm	SCH5s	SCH10s	SCH10	SCH20	SHC30	SCH40s	STD	SCH40	SCH60	SCH80s	XS	SCH80	SCH100	SCH120	SCH140	SCH160	XXS
1/8	6	10.3	-	1.24	-	-	-	1.73	1.73	1.73	-	2.41	2.41	2.41	-	-	-	-	-
1/4	8	13.7	-	1.65	-	-	-	2.24	2.24	2.24	-	3.02	3.02	3.02	-	-	-	-	-
3/8	10	17.1	-	1.65	-	-	-	2.31	2.31	2.31	-	3.20	3.20	3.20	-	-	-	-	-
1/2	15	21.3	1.65	2.11	-	-	-	2.77	2.77	2.77	-	3.73	3.73	3.73	-	-	-	4.78	7.47
3/4	20	26.7	1.65	2.11	-	-	-	2.87	2.87	2.87	-	3.91	3.91	3.91	-	-	-	5.56	7.82
1	25	33.4	1.65	2.77	-	-	-	3.38	3.38	3.38	-	4.55	4.55	4.55	-	-	-	6.35	9.09
1 1/4	32	42.2	1.65	2.77	-	-	-	3.56	3.56	3.56	-	4.85	4.85	4.85	-	-	-	6.35	9.70
1 1/2	40	48.3	1.65	2.77	-	-	-	3.68	3.68	3.68	-	5.08	5.08	5.08	-	-	-	7.14	10.15
2	50	60.3	1.65	2.77	-	-	-	3.91	3.91	3.91	-	5.54	5.54	5.54	-	-	-	8.74	11.07
2 1/2	65	73.0	2.11	3.05	-	-	-	5.16	5.16	5.16	-	7.01	7.01	7.01	-	-	-	9.53	14.02
3	80	88.9	2.11	3.05	-	-	-	5.49	5.49	5.49	-	7.62	7.62	7.62	-	-	-	11.13	15.24
3 1/2	90	101.6	2.11	3.05	-	-	-	5.74	5.74	5.74	-	8.08	8.08	8.08	-	-	-	-	-
4	100	114.3	2.11	3.05	-	-	-	6.02	6.02	6.02	-	8.56	8.56	8.56	-	11.13	-	13.49	17.12
5	125	141.3	2.77	3.40	-	-	-	6.55	6.55	6.55	-	9.53	9.53	9.53	-	12.70	-	15.88	19.05
6	150	168.3	2.77	3.40	-	-	-	7.11	7.11	7.11	-	10.97	10.97	10.97	-	14.27	-	18.26	21.95
8	200	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
10	250	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
12	300	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
14	350	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	-
16	400	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	-
18	450	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	-
20	500	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	-
24	600	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	-	-	-	-	-	-
28	700	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	-	-	-	-	-	-
32	800	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	-	-	-	-	-	-
36	900	914	-	-	7.92	12.70	15.88	-	9.53	19.05	-	-	12.70	-	-	-	-	-	-
38	-	965	-	-	-	-	-	-	9.53	-	-	-	12.70	-	-	-	-	-	-
40	1000	1016	-	-	-	-	-	-	9.53	-	-	-	12.70	-	-	-	-	-	-
42	-	1067	-	-	-	-	-	-	9.53	-	-	-	12.70	-	-	-	-	-	-
44	1100	1118	-	-	-	-	-	-	9.53	-	-	-	12.70	-	-	-	-	-	-
46	-	1168	-	-	-	-	-	-	9.53	-	-	-	12.70	-	-	-	-	-	-
48	1200	1219	-	-	-	-	-	-	9.53	-	-	-	12.70	-	-	-	-	-	-