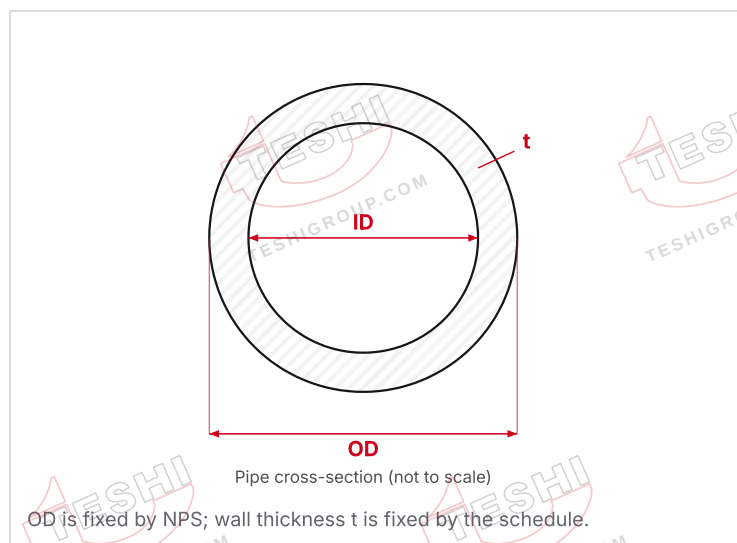


DIMENSIONAL STANDARD · ASME B36.19M

Stainless Steel Pipe Schedule Chart — ASME B36.19M

Stainless steel pipe wall thickness and weight for schedules 5S, 10S, 40S and 80S.

Stainless steel pipe schedule chart to ASME B36.19M: outside diameter, wall thickness and weight for schedules 5S, 10S, 40S and 80S.



- OD** Outside diameter
- t** Nominal wall thickness for the schedule
- ID** Inside diameter = OD - 2t

Wall thickness (mm) — ASME B36.19M

NPS in	DN	OD mm	Sch 5S	Sch 10S	Sch 40S	Sch 80S
1/8"	6	10.3	—	1.24	1.73	2.41
1/4"	8	13.7	—	1.65	2.24	3.02
3/8"	10	17.1	—	1.65	2.31	3.20
1/2"	15	21.3	1.65	2.11	2.77	3.73
3/4"	20	26.7	1.65	2.11	2.87	3.91
1"	25	33.4	1.65	2.77	3.38	4.55
1 1/4"	32	42.2	1.65	2.77	3.56	4.85
1 1/2"	40	48.3	1.65	2.77	3.68	5.08
2"	50	60.3	1.65	2.77	3.91	5.54
2 1/2"	65	73.0	2.11	3.05	5.16	7.01
3"	80	88.9	2.11	3.05	5.49	7.62
3 1/2"	90	101.6	2.11	3.05	5.74	8.08
4"	100	114.3	2.11	3.05	6.02	8.56
5"	125	141.3	2.77	3.40	6.55	9.53
6"	150	168.3	2.77	3.40	7.11	10.97
8"	200	219.1	2.77	3.76	8.18	12.70
10"	250	273.1	3.40	4.19	9.27	12.70
12"	300	323.9	3.96	4.57	9.53	12.70
14"	350	355.6	3.96	4.78	9.53	12.70
16"	400	406.4	4.19	4.78	9.53	12.70

NPS in	DN	OD mm	Sch 5S	Sch 10S	Sch 40S	Sch 80S
18"	450	457.0	4.19	4.78	9.53	12.70
20"	500	508.0	4.78	5.54	9.53	12.70
22"	550	559.0	4.78	5.54	—	—
24"	600	610.0	5.54	6.35	9.53	12.70
30"	750	762.0	6.35	7.92	—	—

Weight (kg/m), plain end — ASME B36.19M

NPS in	DN	OD mm	Sch 5S	Sch 10S	Sch 40S	Sch 80S
1/8"	6	10.3	—	0.28	0.37	0.47
1/4"	8	13.7	—	0.49	0.63	0.80
3/8"	10	17.1	—	0.63	0.84	1.10
1/2"	15	21.3	0.80	1.00	1.27	1.62
3/4"	20	26.7	1.02	1.28	1.69	2.20
1"	25	33.4	1.29	2.09	2.50	3.24
1 1/4"	32	42.2	1.65	2.69	3.39	4.47
1 1/2"	40	48.3	1.90	3.11	4.05	5.41
2"	50	60.3	2.39	3.93	5.44	7.48
2 1/2"	65	73.0	3.69	5.26	8.63	11.41
3"	80	88.9	4.52	6.46	11.29	15.27
3 1/2"	90	101.6	5.18	7.41	13.57	18.64
4"	100	114.3	5.84	8.37	16.08	22.32
5"	125	141.3	9.46	11.56	21.77	30.97
6"	150	168.3	11.31	13.83	28.26	42.56
8"	200	219.1	14.78	19.97	42.55	64.64
10"	250	273.1	22.61	27.79	60.31	81.56
12"	300	323.9	31.25	35.99	73.88	97.47
14"	350	355.6	34.34	41.36	81.33	107.40
16"	400	406.4	41.56	47.34	93.27	123.31
18"	450	457.0	46.79	53.31	105.17	139.16
20"	500	508.0	59.32	68.65	117.15	155.13
22"	550	559.0	65.33	75.62	—	—
24"	600	610.0	82.58	94.53	141.12	187.07
30"	750	762.0	118.34	147.29	—	—

Notes

- Weights are calculated on a density of 7.85 g/cm³. For austenitic stainless steel multiply by 1.010 (grade 304) or 1.017 (grade 316).
- A dash means the schedule is not listed for that size.

Reference information compiled from the published standard for convenience. It does not replace the current edition of the governing standard, which takes precedence. Verify critical dimensions and properties before design, purchase or fabrication. Teshi Engineers & Sales Promoters (P) Ltd accepts no liability for errors or omissions.



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