

JIS G 3459

DIMENSION AND WEIGHTS

**WELDED
AUSTENITIC
STAINLESS
STEEL PIPES**

Nominal Pipe Size (inch)	Outside Diameter (mm)	Schedule 10S			Schedule 20S			Schedule 40S		
		Nominal Wall Thickness (mm)	Weight (kg/m)		Nominal Wall Thickness (mm)	Weight (kg/m)		Nominal Wall Thickness (mm)	Weight (kg/m)	
			TP 304/ TP 304L	TP 316/ TP 316L		TP 304/ TP 304L	TP 316/ TP 316L		TP 304/ TP 304L	TP 316/ TP 316L
3/8	17.3	1.65	0.643	0.647	2.00	0.762	0.767	2.30	0.859	0.865
1/2	21.7	2.10	1.025	1.032	2.50	1.196	1.203	2.80	1.318	1.327
3/4	27.2	2.10	1.313	1.321	2.50	1.538	1.548	2.90	1.755	1.767
1	34.0	2.80	2.176	2.190	3.00	2.317	2.332	3.40	2.592	2.608
1 1/4	42.7	2.80	2.783	2.801	3.00	2.967	2.986	3.60	3.506	3.529
1 1/2	48.6	2.80	3.194	3.215	3.00	3.408	3.430	3.70	4.138	4.165
2	60.5	2.80	4.024	4.050	3.50	4.970	5.001	3.90	5.499	5.534
2 1/2	76.3	3.00	5.478	5.513	3.50	6.347	6.388	5.20	9.210	9.269
3	89.1	3.00	6.434	6.476	4.00	8.479	8.534	5.50	11.454	11.527
3 1/2	101.6	3.00	7.368	7.416	4.00	9.725	9.787	5.70	13.617	13.704
4	114.3	3.00	8.317	8.371	4.00	10.990	11.061	6.00	16.187	16.290
5	139.8	3.40	11.552	11.626	5.00	16.789	16.897	6.60	21.899	22.040
6	165.2	3.40	13.703	13.792	5.00	19.953	20.081	7.10	27.962	28.141
8	216.3	4.00	21.154	21.289	6.50	33.970	34.188	8.20	42.507	42.780
10	267.4	4.00	26.245	26.414	6.50	42.244	42.515	9.30	59.792	60.176
12	318.5	4.50	35.198	35.424	6.50	50.517	50.842	10.30	79.076	79.584

Permissible Variation In Dimensions According to JIS G 3459		
Dimension	Nominal	Tolerance (mm)
Outside Diameter	< 30 mm	± 0.3 mm
	≥ 30 mm	± 1.0%
Wall Thickness	< 2 mm	± 0.2 mm
	≥ 2 mm	± 10%