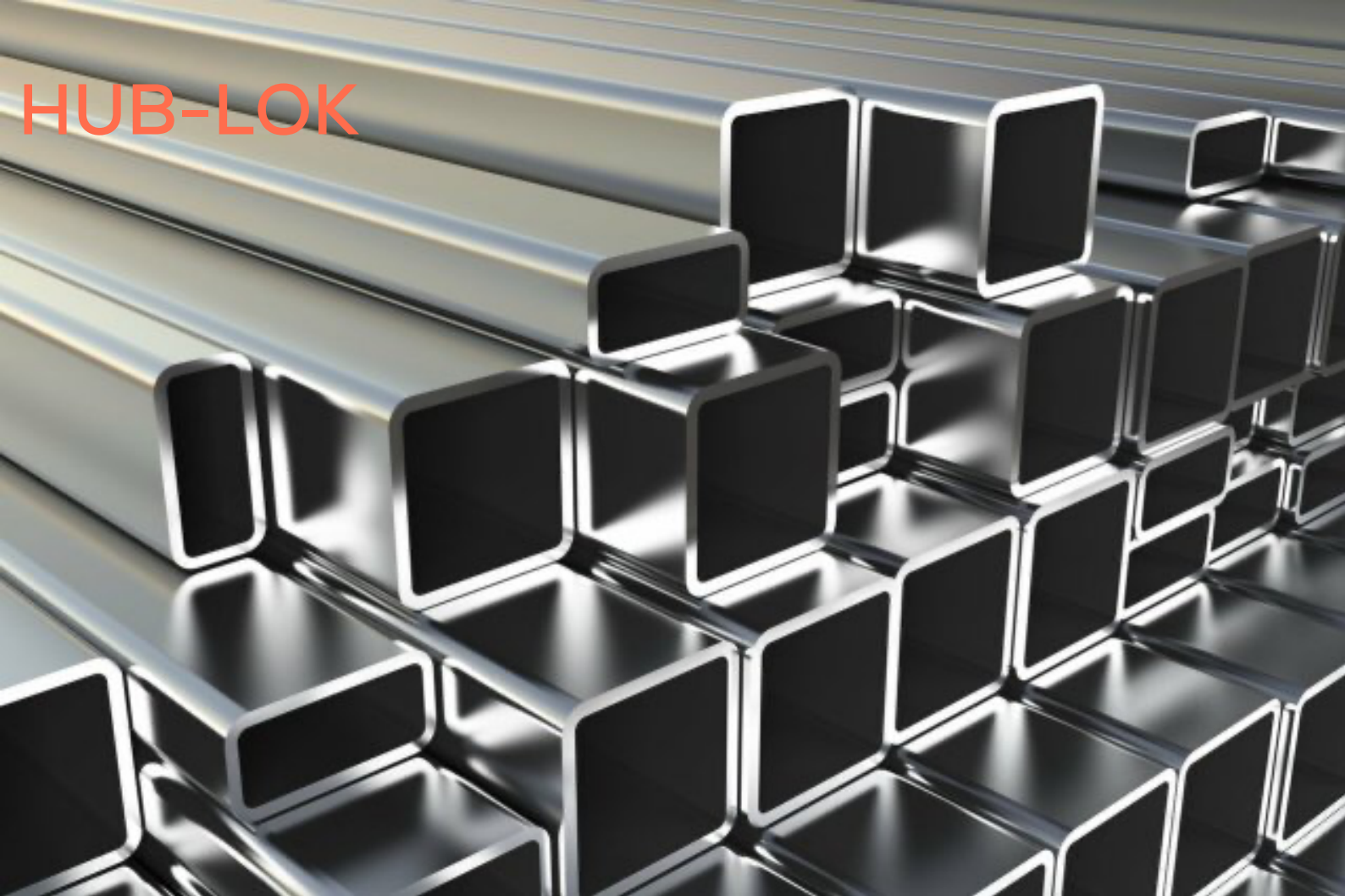




SEAMLESS & WELDED AUSTENTIC STAINLESS STEEL PIPE
DIMENSIONS AND WEIGHTS ACCORDING TO ASME B 36.19 & B 36.10

DN	Nominal diameter in inches	Outside diameter in (OD) millimetres	ASME B36.19								ASME B36.10							
			Nominal thickness/ Wall Thickness and weight/mt.								Nominal thickness/ Wall Thickness and weight/mt.							
			5 S		10 S		Sched. 40 S		Sched. 80 S		10		20		30		Standard	
			WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.
-	1/8"	10.29	-	-	1.24	0.281	1.73	0.371	2.41	0.476			-	-	-	-	1.73	0.371
8	1/4"	13.72	-	-	1.65	0.499	2.24	0.644	3.02	0.809			-	-	-	-	2.24	0.644
10	3/8"	17.15	-	-	1.65	0.640	2.31	0.858	3.20	1.10			-	-	1.85	-	2.31	0.858
15	1/2"	21.34	1.65	0.814	2.11	1.016	2.77	1.26	3.73	1.62			-	-	1.85	-	2.31	0.858
20	3/4"	26.67	1.65	1.034	2.11	1.016	2.77	1.26	3.73	1.62			-	-	2.41	-	2.77	1.26
25	1"	33.40	1.65	1.034	2.11	1.298	2.87	1.71	3.91	2.19			-	-	2.41	-	2.87	1.68
32	1 1/4"	42.16	1.65	1.312	2.77	2.125	3.38	2.54	4.55	3.23			-	-	2.41	-	2.87	1.68
40	1 1/2"	48.26	1.65	1.312	2.77	2.125	3.38	2.54	4.55	3.23			-	-	2.90	-	3.38	2.50
50	2"	60.33	1.65	1.674	2.77	2.76	3.56	3.45	4.85	4.46			-	-	2.90	-	3.38	2.50
65	2 1/2"	73.03	2.11	1.926	2.77	3.155	3.68	4.11	5.08	5.40			-	-	2.97	-	3.56	3.38
80	3"	88.90	2.11	2.424	2.77	3.992	3.91	5.29	5.54	7.47			-	-	3.18	-	3.68	4.05
90	3 1/2"	101.60	2.11	2.424	2.77	3.992	3.91	5.29	5.54	7.47			-	-	3.18	-	3.68	4.05
100	4"	114.30	2.11	3.747	3.05	5.345	5.16	8.80	7.01	11.40			-	-	3.18	-	3.91	5.43
125	5"	141.30	2.77	4.585	3.05	6.557	5.49	11.48	7.62	15.25			-	-	4.78	-	5.16	8.62
150	6"	168.28	2.77	5.272	3.05	7.526	5.74	13.56	8.08	18.62			-	-	4.78	-	5.49	11.28
200	8"	219.08	2.77	5.945	3.05	8.496	6.02	16.34	8.56	22.29			-	-	4.78	-	5.74	13.56
250	10"	273.05	3.40	9.639	3.40	11.740	6.55	22.12	9.52	30.92			-	-	4.78	-	6.02	16.06
300	12"	323.85	3.96	11.514	3.40	14.037	7.11	28.72	10.97	42.52			-	-	-	-	6.55	21.76
350	14"	355.60	3.96	15.049	3.76	20.334	8.18	43.27	12.7	64.57			-	-	-	-	7.11	28.23
400	16"	406.40	4.19	23.028	4.19	28.24	9.27	61.30	12.7	81.46			6.35	33.28	7.04	36.80	8.18	42.49
450	18"	457.20	4.19	31.806	4.57	36.58	9.53	75.04	12.7	97.36			6.35	41.70	7.8	51.00	9.27	60.24
500	20"	508	4.78	34.99	4.78	42.102	9.53	82.58	12.7	109.04	6.35	54.63	6.35	49.68	8.38	65.14	9.53	73.76
550	22"	558.8	4.78	39.99	4.78	48.07	9.53	94.70	12.7	125.20	6.35	62.58	7.92	67.98	9.52	81.21	9.53	81.21
600	24"	609.6	5.54	42.35	4.78	48.07	9.53	94.70	12.7	125.20	6.35	70.50	7.92	77.90	9.52	93.13	9.53	93.13
650	26"	660.4	-	47.7	4.78	54.15	9.53	106.83	12.7	141.35	6.35	78.47	7.92	87.80	11.13	122.12	9.53	105.05
700	28"	711	-	60.32	5.54	69.766	9.53	118.93	12.7	157.51	6.35	86.42	9.52	116.97	12.7	155.00	9.53	116.97
750	30"	762	6.35	60.32	5.54	69.766	9.53	118.93	12.7	157.51	6.35	86.42	9.52	116.97	12.7	155.00	9.53	116.97
800	32"	812.8	-	-	5.54	76.75	9.53	131.07	12.7	173.66	6.35	96.215	9.52	128.89	12.7	170.86	9.53	128.89
850	34"	863.6	-	84.10	6.35	96.215	9.53	143.20	12.7	181.82	6.35	96.215	9.52	128.89	12.7	170.86	9.53	128.89
900	36"	914.4	-	-	-	-	-	-	-	-	7.92	127.58	9.52	140.80	14.27	209.54	9.53	140.81
			-	-	-	-	-	-	-	-	7.92	137.52	12.7	202.65	-	-	9.53	152.73
			-	-	-	-	-	-	-	-	7.92	137.52	12.7	202.65	-	-	9.53	152.73
			6.35	120.59	7.92	147.45	9.53	-	12.7	-	7.92	147.45	12.7	218.54	15.88	271.94	9.53	164.65
			-	-	-	147.45	9.53	-	-	-	7.92	157.39	12.7	234.44	15.88	291.81	9.53	176.57
			-	-	-	-	-	-	-	-	7.92	167.32	12.7	250.33	15.88	311.67	9.53	188.50
			-	-	-	-	-	-	-	-	7.92	177.26	12.7	266.22	15.88	331.54	9.53	200.42
			-	-	-	-	-	-	-	-	7.92	177.26	12.7	266.22	15.88	331.54	9.53	200.42
			-	-	-	-	-	-	-	-			12.7	282.12	15.88	351.41	9.53	212.34

• for pipe sizes 36" and larger, please contact us for further assistance



HUB-LOK

STAINLESS STEEL PIPING

SEAMLESS & WELDED AUSTENTIC STAINLESS STEEL PIPE

DIMENSIONS AND WEIGHTS ACCORDING TO B 36.10 (continued)

Nominal diameter in DN	Outside diameter in inches	(OD) millimetres	ASME B36.10																	
			Nominal thickness/ Wall Thickness and weight/mt.																	
			40		60		Extra Strong		80		100		120		140		160		Double Extra Strong	
			WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.	WT mm	Kg./m.
-	1/8"	10.29	1.73	0.371	-	-	2.41	0.476	2.41	0.476	-	-	-	-	-	-	-	-	-	-
8	1/4"	13.72	2.24	0.644	-	-	3.02	0.809	3.02	0.809	-	-	-	-	-	-	-	-	-	-
10	3/8"	17.15	2.31	0.858	-	-	3.20	1.118	3.20	1.118	-	-	-	-	-	-	-	-	-	-
15	1/2"	21.34	2.77	1.26	-	-	3.73	1.62	3.73	1.62	-	-	-	-	-	-	4.78	1.95	7.47	2.54
20	3/4"	26.67	2.87	1.68	-	-	3.91	2.19	3.91	2.19	-	-	-	-	-	-	5.56	2.89	7.82	3.63
25	1"	33.40	3.38	2.50	-	-	4.55	3.23	4.55	3.23	-	-	-	-	-	-	6.35	4.23	9.09	5.45
32	1 1/4"	42.16	3.56	3.38	-	-	4.85	4.46	4.85	4.46	-	-	-	-	-	-	6.35	5.60	9.70	7.75
40	1 1/2"	48.26	3.68	4.05	-	-	5.08	5.40	5.08	5.40	-	-	-	-	-	-	7.14	7.23	10.16	9.54
50	2"	60.33	3.91	5.43	-	-	5.54	7.47	5.54	7.47	-	-	-	-	-	-	8.74	11.10	11.07	13.44
65	2 1/2"	73.03	5.16	8.62	-	-	7.01	11.40	7.01	11.40	-	-	-	-	-	-	9.52	14.90	14.02	20.39
80	3"	88.90	5.49	11.28	-	-	7.62	15.25	7.62	15.25	-	-	-	-	-	-	11.13	21.30	15.24	27.65
90	3 1/2"	101.60	5.74	13.56	-	-	8.08	18.62	8.08	18.62	-	-	-	-	-	-	-	-	-	-
100	4"	114.30	6.02	16.06	-	-	8.56	22.29	8.56	22.29	-	-	11.13	28.25	-	-	13.50	33.50	17.12	40.99
125	5"	141.30	6.55	21.76	-	-	9.52	30.92	9.52	30.92	-	-	12.70	40.20	-	-	15.88	49.00	19.05	57.37
150	6"	168.28	7.11	28.23	-	-	10.97	42.52	10.97	42.52	-	-	14.27	54.20	-	-	18.26	67.40	21.95	79.11
200	8"	219.08	8.18	42.49	10.30	53.00	12.7	64.57	12.70	64.57	15.10	75.70	18.26	90.20	20.62	100.80	23.00	111.20	22.22	107.78
250	10"	273.05	9.27	60.24	12.70	81.46	12.7	81.46	15.09	95.84	18.26	114.59	21.44	132.85	25.40	154.97	28.58	172.11	25.4	-
300	12"	323.85	10.31	79.71	14.27	108.97	12.7	97.36	17.48	131.81	21.44	159.67	25.40	186.70	28.58	207.87	33.32	238.60	25.4	-
350	14"	355.60	11.13	94.31	15.09	126.51	12.7	107.28	19.05	157.90	23.83	194.64	27.79	224.36	31.75	253.32	35.71	281.49	-	-
400	16"	406.40	12.70	123.18	16.66	160.04	12.7	123.18	21.44	203.26	26.19	245.34	30.96	286.33	36.53	332.72	40.49	364.94	-	-
450	18"	457.20	14.27	155.90	19.05	205.60	12.7	139.07	23.83	254.24	29.36	309.55	34.92	363.33	39.67	408.21	45.24	459.18	-	-
500	20"	508	15.09	183.14	20.62	247.79	12.7	154.97	26.19	310.91	32.54	381.20	38.10	441.06	44.45	507.63	50.01	564.24	-	-
550	22"	558.8	15.87	213.80	22.22	293.80	12.7	170.86	28.57	273.27	34.92	450.75	41.27	526.24	47.62	599.76	53.97	671.28	-	-
600	24"	609.6	17.48	254.74	24.61	354.82	12.7	186.75	30.96	441.30	38.89	546.84	46.02	639.18	52.37	719.18	59.54	800.74	-	-
650	26"	660.4	-	-	-	-	12.7	202.65	-	-	-	-	-	-	-	-	-	-	-	-
700	28"	711.6	-	-	-	-	12.7	218.54	-	-	-	-	-	-	-	-	-	-	-	-
750	30"	762	-	-	-	-	12.7	234.44	-	-	-	-	-	-	-	-	-	-	-	-
800	32"	812.8	17.48	242.17	-	-	12.7	250.33	-	-	-	-	-	-	-	-	-	-	-	-
850	34"	863.6	17.48	364.01	-	-	12.7	266.22	-	-	-	-	-	-	-	-	-	-	-	-
900	36"	914.4	19.05	420.21	-	-	12.7	282.12	-	-	-	-	-	-	-	-	-	-	-	-



PIPING: ALLOWABLE WORKING PRESSURES

Schedule 5s Grade 304/304L; 316/316L

TEMPERATURE °C

NB	Inches		37	66	93	121	149	177	204	232	260	288	316	330	343	357	371	385	399	414
15	1/2"	Mpa	15.40	15.40	15.40	14.86	14.31	13.08	11.85	11.35	10.86	10.44	10.02	9.85	9.67	9.50	9.33	9.16	8.98	8.83
20	3/4"	Mpa	12.18	12.18	12.18	11.75	11.32	10.34	9.37	8.98	8.59	8.26	7.92	7.79	7.65	7.52	7.38	7.24	7.10	6.99
25	1"	Mpa	9.64	9.64	9.64	9.30	8.96	8.18	7.41	7.10	6.80	6.54	6.27	6.16	6.05	5.94	5.884	5.73	5.62	5.53
40	1 1/2"	Mpa	6.60	6.60	6.60	6.36	6.13	5.61	5.07	4.86	4.65	4.47	4.30	4.22	4.14	4.07	4.00	3.92	3.85	3.79
50	2"	Mpa	5.25	5.25	5.25	5.07	4.88	4.46	4.04	3.87	3.70	3.56	3.42	3.36	3.30	3.24	3.18	3.12	3.06	3.01
65	2 1/2"	Mpa	5.54	5.54	5.54	5.35	5.16	4.71	4.27	4.09	3.91	3.76	3.61	3.54	3.48	3.42	3.36	3.30	3.23	3.18
80	3"	Mpa	4.54	4.54	4.54	4.38	4.22	3.85	3.49	3.34	3.20	3.08	2.95	2.90	2.85	2.80	2.75	2.70	2.65	2.61
100	4"	Mpa	3.52	3.52	3.52	3.39	3.27	2.99	2.70	2.59	2.48	2.39	2.29	2.25	2.21	2.17	2.13	2.09	2.05	2.02
150	6"	Mpa	3.13	3.13	3.13	3.02	2.91	2.66	2.41	2.31	2.21	2.12	2.04	2.01	1.97	1.93	1.90	1.86	1.83	1.80
200	8"	Mpa	2.40	2.40	2.40	2.32	2.23	2.04	1.85	1.77	1.69	1.63	1.56	1.54	1.51	1.48	1.45	1.43	1.40	1.38
250	10"	Mpa	2.36	2.36	2.36	2.28	2.20	2.01	1.82	1.74	1.67	1.61	1.54	1.52	1.49	1.46	1.43	1.41	1.38	1.36
300	12"	Mpa	2.32	2.32	2.32	2.24	2.16	1.97	1.79	1.71	1.64	1.57	1.51	1.48	1.46	1.43	1.41	1.38	1.36	1.33

Schedule 10s Grade 304/304L; 316/316L

TEMPERATURE °C

NB	Inches		37	66	93	121	149	177	204	232	260	288	316	330	343	357	371	385	399	414
15	1/2"	Mpa	19.98	19.98	19.98	19.28	18.58	16.97	15.37	14.73	14.09	13.54	13.00	12.78	12.56	12.33	12.10	11.88	11.66	11.47
20	3/4"	Mpa	15.75	15.75	15.75	15.20	14.64	13.38	12.11	11.61	11.11	10.68	10.25	10.07	9.89	9.72	9.554	9.36	9.19	9.04
25	1"	Mpa	16.56	16.56	16.56	15.98	15.40	14.07	12.74	12.21	11.68	11.23	10.78	10.59	10.40	10.22	10.03	9.85	9.66	9.50
40	1 1/2"	Mpa	11.25	11.25	11.25	10.85	10.46	9.56	8.65	8.29	7.94	7.63	7.32	7.19	7.07	6.94	6.81	6.69	6.56	6.45
50	2"	Mpa	8.93	8.93	8.93	8.61	8.29	7.58	6.87	6.58	6.30	6.05	5.81	5.71	5.61	5.51	5.41	5.31	5.221	5.12
65	2 1/2"	Mpa	8.09	8.09	8.09	7.81	7.52	6.87	6.23	5.96	5.71	5.49	5.27	5.18	5.08	4.99	4.90	4.81	4.72	4.64
80	3"	Mpa	6.61	6.61	6.61	6.38	6.14	5.62	5.09	4.87	4.66	4.48	4.30	4.23	4.15	4.08	4.01	3.93	3.85	3.79
100	4"	Mpa	5.12	5.12	5.12	4.94	4.76	4.34	3.94	3.77	3.61	3.47	3.33	3.27	3.21	3.16	3.10	3.04	2.99	2.94
150	6"	Mpa	3.86	3.86	3.86	3.72	3.59	3.28	2.97	2.85	2.72	2.62	2.51	2.47	2.43	2.39	2.34	2.30	2.25	2.21
200	8"	Mpa	3.27	3.27	3.27	3.15	3.04	2.78	2.52	2.41	2.30	2.21	2.12	2.09	2.05	2.02	1.98	1.94	1.91	1.88
250	10"	Mpa	2.92	2.92	2.92	2.82	2.72	2.48	2.25	2.15	2.06	1.98	1.90	1.87	1.83	1.80	1.77	1.74	1.70	1.68
300	12"	Mpa	2.68	2.68	2.68	2.59	2.50	2.28	2.06	1.98	1.89	1.82	1.74	1.72	1.69	1.65	1.63	1.59	1.57	1.54

PIPING: ALLOWABLE WORKING PRESSURES (Cont.)

Schedule 40s Grade 304/304L; 316/316L

TEMPERATURE °C

NB	Inches		37	66	93	121	149	177	204	232	260	288	316	330	343	357	371	385	399	414
15	1/2"	Mpa	26.86	26.61	26.35	24.46	22.56	20.75	18.94	17.82	16.71	16.10	15.50	15.29	15.07	14.85	14.64	14.47	14.29	14.12
20	3/4"	Mpa	21.91	21.70	21.48	19.94	18.40	16.92	15.44	14.53	13.62	13.13	12.64	12.47	12.29	12.11	11.94	11.80	11.66	11.51
25	1"	Mpa	20.49	20.29	20.09	18.65	17.20	15.82	14.45	13.59	12.74	12.28	11.82	11.66	11.49	11.33	11.16	11.03	10.90	10.77
40	1 1/2"	Mpa	15.18	15.03	14.89	13.81	12.74	11.72	10.70	10.07	9.44	9.09	8.76	8.63	8.52	8.39	8.27	8.17	8.07	7.98
50	2"	Mpa	12.78	12.67	12.54	11.64	10.74	9.87	9.02	8.48	7.95	7.66	7.38	7.27	7.17	7.07	6.96	6.89	6.81	6.72
65	2 1/2"	Mpa	13.98	13.85	13.71	12.73	11.74	10.80	9.86	9.27	8.69	8.38	8.07	7.96	7.84	7.73	7.62	7.53	7.44	7.35
80	3"	Mpa	12.14	12.02	11.91	11.05	10.20	9.38	8.56	8.05	7.55	7.27	7.01	6.91	6.81	6.72	6.61	6.54	6.46	6.38
100	4"	Mpa	10.29	10.19	10.09	9.37	8.65	7.95	7.26	6.83	6.40	6.17	5.94	5.85	5.77	5.69	5.61	5.54	5.47	5.41
150	6"	Mpa	8.20	8.12	8.04	7.46	6.88	6.33	5.78	5.44	5.10	4.92	4.73	4.66	4.60	4.53	4.47	4.41	4.36	4.31
200	8"	Mpa	7.22	7.14	7.07	6.57	6.06	5.57	5.09	4.79	4.49	4.32	4.16	4.10	4.05	3.99	3.93	3.89	3.84	3.79
250	10"	Mpa	6.54	6.48	6.42	5.96	5.50	5.05	4.62	4.34	4.07	3.92	3.78	3.72	3.68	3.62	3.56	3.52	3.48	3.44
300	12"	Mpa	6.13	6.07	6.01	5.58	5.15	4.74	4.32	4.07	3.81	3.68	3.54	3.49	3.44	3.39	3.34	3.30	3.26	3.22

Schedule 80s Grade 304/304L; 316/316L

TEMPERATURE °C

NB	Inches		37	66	93	121	149	177	204	232	260	288	316	330	343	357	371	385	399	414
15	1/2"	Mpa	37.54	37.18	36.82	34.17	31.52	28.99	26.47	24.90	23.34	22.50	21.66	21.35	21.06	20.75	20.46	20.22	19.97	19.73
20	3/4"	Mpa	30.77	30.47	30.17	28.01	25.84	23.77	21.69	20.41	19.13	18.44	17.75	17.51	17.26	17.01	16.76	16.57	16.37	16.17
25	1"	Mpa	28.32	28.05	27.78	25.78	23.78	21.88	19.97	18.79	17.61	16.98	16.34	16.11	15.89	15.66	15.43	15.25	15.07	14.89
40	1 1/2"	Mpa	21.39	21.18	20.98	19.47	17.96	16.52	15.09	14.19	13.30	12.82	12.34	12.17	12.00	11.82	11.65	11.51	11.38	11.25
50	2"	Mpa	18.46	18.29	18.11	16.81	15.51	14.27	13.02	12.25	11.48	11.07	10.65	10.50	10.36	10.21	10.06	9.94	9.83	9.71
65	2 1/2"	Mpa	19.37	19.19	19.00	17.63	16.27	14.96	13.66	12.85	12.05	11.61	11.18	11.02	10.87	10.71	10.56	10.43	10.31	10.18
80	3"	Mpa	17.16	17.00	16.83	15.62	14.41	13.26	12.10	11.39	10.67	10.29	9.90	9.76	9.63	9.49	9.35	9.24	9.13	9.03
100	4"	Mpa	14.88	14.73	14.59	13.54	12.49	11.49	10.49	9.87	9.25	8.92	8.58	8.46	8.34	8.23	8.11	8.01	7.92	7.82
150	6"	Mpa	12.86	12.74	12.61	11.71	10.80	9.94	9.07	8.54	8.00	7.71	7.42	7.32	7.21	7.11	7.01	6.92	6.84	6.76
200	8"	Mpa	11.38	11.27	11.16	10.36	9.55	8.78	8.02	7.54	7.07	6.82	6.56	6.47	6.38	6.29	6.20	6.12	6.05	5.98
250	10"	Mpa	10.82	10.71	10.61	9.85	9.09	8.36	7.63	7.18	6.73	6.49	6.24	6.16	6.07	5.98	5.90	5.83	5.76	5.69
300	12"	Mpa	10.56	10.45	10.36	9.61	8.87	8.16	7.45	7.01	6.56	6.33	6.09	6.01	5.92	5.83	5.75	5.68	5.62	5.55

HUB-LOK															
Nominal Boru Boyutu		OD (mm)	PASLANMAZ ÇELİK ÇEKME BORU ÖLÇÜLERİ												
DN	NB (inç)	ASME	SCH 10	SCH 20	SCH 30	STD	SCH 40	SCH 60	XS	SCH 80	SCH 100	SCH 120	SCH 140	SCH 160	XXS
15	1/2"	21.3	2.11		2.41	2.77	2.77		3.73	3.73				4.78	7.47
20	3/4"	26.7	2.11		2.41	2.87	2.87		3.91	3.91				5.56	7.82
25	1"	33.4	2.77		2.9	3.38	3.38		4.55	4.55				6.35	9.09
32	1.1/4"	42.2	2.77		2.97	3.56	3.56		4.85	4.85				6.35	9.7
40	1.1/2"	48.3	2.77		3.18	3.68	3.68		5.08	5.08				7.14	10.15
50	2"	60.3	2.77		3.18	3.91	3.91		5.54	5.54				8.74	11.07
65	2.1/2"	73	3.05		4.78	5.16	5.16		7.01	7.01				9.53	14.02
80	3"	88.9	3.05		4.78	5.49	5.49		7.62	7.62				11.13	15.25
90	3.1/2"	101.6	3.05		4.78	5.74	5.74		8.08	8.08					
100	4"	114.3	3.05		4.78	6.02	6.02		8.56	8.56		11.13		13.49	17.12
125	5"	141.3	3.4			6.55	6.55		9.53	9.53		12.7		15.88	19.05
150	6"	168.3	3.4			7.11	7.11		10.97	10.97		14.27		18.26	21.95
200	8"	219.1	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	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"	323.8	4.57	6.35	8.38	9.53	10.31	14.27	12.7	17.48	21.44	25.4	28.58	33.32	25.4
350	14"	355.6	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	6.35	7.92	9.53	9.53	12.7	16.66	12.7	21.44	26.19	30.96	36.53	40.19	
450	18"	457.2	6.35	7.92	11.13	9.53	14.27	19.05	12.7	23.83	39.36	34.93	39.67	45.24	
500	20"	508	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	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	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	7.92	12.7		9.53			12.7						
700	28"	711.2	7.92	12.7	15.88	9.53			12.7						
750	30"	762	7.92	12.7	15.88	9.53			12.7						