



OD:MM		ابعاد لوله‌های بدون درز فولادی استاندارد ASME B36.10													ابعاد لوله‌های بدون درز استنلس استیل ASME B36.19				
		Wall Thickness:MM								Weihgt:KG/M					Austenitic Steel				Shipping
NPS inches	MM DN	10	20	30	STD	40	60	XS	80	100	120	140	160	XXS	5S	10S	40S	80S	Vol/m m³
1/8	10.30				1.73	1.73		2.41	2.41							1.24	1.73	2.41	0.0001
	6				0.37	0.37		0.47	0.47							0.28	0.36	0.48	
1/4	13.70				2.24	2.24		3.02	3.02							1.65	2.24	3.02	0.0001
	8				0.63	0.63		0.80	0.80							0.51	0.64	0.82	
3/8	17.10				2.31	2.31		3.20	3.20							1.65	2.31	3.20	0.0003
	10				0.84	0.84		1.10	1.10							0.64	0.86	1.12	
1/2	21.30				2.77	2.77		3.73	3.73				7.78	7.47	1.65	2.11	2.77	3.73	0.0004
	15				1.27	1.27		1.62	1.62				1.95	2.55	0.82	1.01	1.30	1.65	
3/4	26.70				2.87	2.87		3.91	3.91				5.56	7.82	1.65	2.11	2.87	3.91	0.0007
	20				1.69	1.69		2.20	2.20				2.90	3.64	1.04	1.31	1.71	2.24	
1	33.40				3.38	3.38		4.55	4.55				6.35	9.09	1.65	2.77	3.38	4.55	0.0011
	25				2.50	2.50		3.24	3.24				4.24	5.45	1.33	2.13	2.55	3.29	
1 1/4	42.20				3.56	3.56		4.85	4.85				6.35	9.70	1.65	2.77	3.56	4.85	0.0018
	32				3.39	3.39		4.47	4.47				5.61	7.77	1.68	2.76	3.46	4.56	
1 1/2	48.30				3.68	3.68		5.08	5.08				7.14	10.15	1.65	2.77	3.68	5.08	0.0023
	40				4.05	4.05		5.41	5.41				7.25	9.56	1.95	3.17	4.13	5.51	
2	60.30				3.91	3.91		5.54	5.54				8.74	11.07	1.65	2.77	3.91	5.54	0.0036
	50				5.44	5.44		7.48	7.48				11.11	13.44	2.44	4.01	5.54	7.63	
2 1/2	73.00				5.16	5.16		7.01	7.01				9.53	14.02	2.11	3.05	5.16	7.01	0.0053
	65				8.63	8.63		11.41	11.41				14.92	20.39	3.77	5.36	8.81	11.64	
3	88.90				5.49	5.49		7.62	7.62				11.13	15.24	2.11	3.05	5.49	7.62	0.0079
	80				11.29	11.29		15.27	15.27				21.35	27.68	4.60	6.59	11.52	15.59	
3 1/2	101.60				5.74	5.74		8.08	8.08						2.11	3.05	5.74	8.08	0.0103
	90				13.57	13.57		18.63	18.63						5.29	7.55	13.84	19.01	
4	114.30				6.02	6.02		8.56	8.56		11.13		13.49	17.12	2.11	3.05	6.02	8.56	0.0130
	100				16.07	16.07		22.32	22.32		28.32		33.54	41.03	5.96	8.52	16.40	22.27	
5	141.30				6.55	6.55		9.53	9.53		12.70		15.88	19.05	2.77	3.40	6.55	9.53	0.0199
	125				21.77	21.77		30.97	30.97		40.28		49.11	57.43	9.67	11.82	22.20	31.59	
6	168.30				7.11	7.11		10.97	10.97		14.27		18.26	21.95	2.77	3.40	7.11	10.97	0.028
	150				28.26	28.26		42.56	42.56		54.20		67.56	79.22	11.55	14.13	28.83	43.42	
8	219.10		6.35	7.04	8.18	8.18	10.31	12.70	12.70	15.09	18.26	20.62	23.01	22.23	2.77	3.76	8.18	12.70	0.048
	200		33.31	36.81	42.55	42.55	53.08	64.64	64.64	7592	90.44	100.92	111.27	107.92	15.09	20.37	43.39	65.59	
10	273.10		6.35	7.80	9.27	9.27	12.70	12.70	15.09	18.26	21.44	25.40	28.58	25.40	3.40	4.19	9.27	12.70	0.074
	250		41.77	51.03	60.31	60.31	81.55	81.55	96.01	114.75	133.06	155.15	172.33	155.15	23.08	28.34	61.52	83.19	
12	323.90		6.35	8.38	9.53	10.31	14.27	12.70	17.48	21.44	25.40	28.58	33.32	25.40	3.96	4.57	9.52	12.70	0.104
	300		49.73	65.20	73.88	79.73	108.96	97.46	132.08	159.91	186.97	208.14	238.76	189.97	31.89	36.73	75.52	99.43	
14	355.60	6.35	7.92	9.53	9.53	11.31	15.09	12.70	19.05	23.83	27.79	31.75	35.71		3.96	4.78			0.126
	350	54.69	67.90	81.33	81.33	94.55	126.71	107.39	158.10	194.96	224.65	253.56	281.70		35.06	42.14			
16	406.40	6.35	7.92	9.53	9.53	12.70	16.66	12.70	21.44	26.19	30.96	36.53	40.49		4.19	4.78			0.0165
	400	62.64	77.83	93.27	93.27	123.30	160.12	123.30	203.53	245.56	286.64	333.19	365.35		42.41	48.26			
18	457.00	6.35	7.92	11.13	9.53	14.27	19.05	12.70	23.88	29.36	34.93	39.67	45.24		4.19	7.78			0.208
	450	70.57	87.71	122.38	105.16	155.80	205.74	139.15	254.55	309.62	363.56	408.26	459.37		47.77	60.46			
20	508.00	6.35	9.53	12.70	9.53	15.09	20.62	12.70	26.19	32.54	38.10	44.45	50.01		4.78	5.54			0.258
	500	78.55	117.15	155.12	117.15	183.42	247.83	155.12	311.17	381.53	441.49	508.11	564.81		60.46	70.00			
22	559.00	6.35	9.53	12.70	9.53		22.23	12.70	28.58	34.93	41.25	47.63	53.98		4.78	5.54			0.312
	550	86.54	129.13	171.09	129.13		294.25	171.09	373.83	451.42	527.02	600.63	672.26		66.57	77.06			
24	610.00	6.35	9.53	14.27	9.53	17.48	24.61	12.70	30.96	38.89	46.02	52.37	59.54		5.58	6.35			0.372
	600	94.53	141.12	209.64	141.12	255.41	355.26	187.06	442.08	547.71	640.03	720.15	808.22		84.16	96.37			
26	660.00	7.92	12.70		9.53			12.70											0.435
	650	127.36	202.72		152.87			202.72											
28	711.00	7.92	12.70	15.88	9.53			12.70											0.505
	700	137.32	218.69	271.21	164.85			218.69											
30	762.00	7.92	12.70	15.88	9.53			12.70							6.35	7.92			0.580
	750	147.28	234.67	292.18	176.84			234.67							120.72	150.36			
32	813.00	7.92	12.70	15.88	9.53	17.48		12.70											0.660
	800	157.24	250.64	312.15	188.82	342.91		250.64											
34	846.00	7.92	12.70	15.88	9.53	17.48		12.70											0.746
	850	167.20	266.61	332.12	200.31	364.90		266.61											
36	914.00	7.92	12.70	15.88	9.53	19.05		12.70											0.835
	900	176.96	282.27	351.70	212.56	420.42		282.27											
38	965.00				9.53			12.70											0.931
	950				224.54			298.24											
40	1016.00				9.53			12.70											1.032
	1000				236.53			314.22											
42	1067.00				9.53			12.70											1.138
	1050				248.52			330.19											
44	1118.00				9.53			12.70											1.249
	1100				260.50			346.16											
46	1168.00				9.53			12.70											1.364
	1150				272.25			351.82											
48	1219.00				9.53			12.70											1.485
	1200				284.24			377.79											