



# NATAL STAINLESS STEEL

## ISO sizes

### ISO 1127

	Series			Wall Thickness mm																					
	1	2	3	1.0	1.2	1.6	2.0	2.3	2.6	2.9	3.2	3.6	4.0	4.5	5.0	5.6	6.3	7.1	8.0	8.8	10.0	11.0	12.5	14.2	
4		6.0		0.125	0.144																				
6		8.0		0.175	0.204																				
8	10.2	10.0		0.225	0.264																				
	13.5	12.0		0.230	0.270	0.344	0.410																		
	17.2	16.0	14.0	0.275	0.313	0.369	0.476	0.575	0.644		0.769														
10				0.325	0.444	0.496	0.600																		
				0.375		0.576	0.700																		
				0.405		0.624	0.760	0.857			1.12														
15			18.0	0.425		0.656	0.800																		
		19.0		0.450	0.534	0.696	0.850																		
		20.0		0.475	0.564	0.736	0.900																		
	21.3			0.508		0.788	0.965		1.22		1.45				1.73										
20	26.9	25.0	22.0	0.525	0.714	0.936	1.00		1.46	1.74	1.90				2.29										
			25.4	0.600	0.726	0.952	1.15		1.48																
				0.648		1.01	1.17		1.58																
							1.25																		
25	33.7		30.0			1.14	1.40		1.78																
		31.8			0.918	1.21	1.49		1.90																
		32.0			0.924	1.28	1.50				2.29				2.78										
		40.0		0.818	0.975	1.28	1.59	1.81	2.02	2.23	2.44			3.29											
32			35.0		1.01	1.65	1.80																		
		38.0			1.10	1.46	1.80		2.30		2.78														
	42.4	40.0		0.975	1.16	1.54	1.90		2.43																
						1.63	2.02		2.59		3.14	3.49			4.68										
40			44.5			2.13	2.32		2.72	3.02															
	48.3					2.32	2.97		2.97		3.61	4.02			5.41										
50		51.0		1.25	1.49	1.87	2.45		3.15		3.83														
		57.0	54.0			1.98	2.60		3.34																
	60.3					2.10	2.75		3.54	3.92															
						2.22	2.92	3.34	3.75	4.16	4.57	5.10	5.63			7.66									
65	76.1	63.5				2.48	3.08		3.96		4.83														
		70.0				2.74	3.40		4.24	4.78	5.31														
						2.98	3.71	4.24	4.78	5.31		6.53	7.21		8.89				12.3						
80	88.9		82.5			3.49	4.03	4.98	5.61	6.24		6.35	7.68	8.49		11.7									
							4.35					6.86													
100	114.3	101.6					4.98			7.16					9.76										
		108.0					5.30			7.88					10.4										
							5.62			8.09															
125	139.7	133.0				4.51	6.55			7.26		9.97		12.4					17.0				23.2		
							6.89																		
							8.89																		
150	168.3	159.0				5.53	7.85			8.91		10.9							21.0	23.5				32.4	
							8.32																		
							10.8																		
200	219.1					6.67	10.9			10.8	12.0	13.2												43.3	
250	273.0						14.1			14.1	15.7	17.3	19.4	21.5	26.8				33.5						64.6
300	323.9						17.6			17.6	19.6	21.6	24.3	26.9	33.5				42.0						81.4
							20.9			20.9	23.3	25.7		32.0	39.9										97.3
							16.1							35.9											108
350	355.6									22.9		28.2		35.2	43.8										123
400	406.4									26.3	29.3	32.3		40.3	50.2										139
450	457											36.3		45.3	56.5										157
500	508												40.4	48.6	62.9										175
600	610												45.4	60.6		70.4	84.6	95.1							212
700	711																								
800	813																								
900	914																			161					
1000	1016																				199				
																							252		

The table shows the ISO 1127 standard; some of these sizes are outside AST's production programme. Stock standard indicated by a darker colour.



# NATAL STAINLESS STEEL

## Metric sizes

The table shows standardised and metric sizes in general use.

Outside diameter		Wall thickness, mm																		
		0.5	1	1.5	2	2.5	3	3.5	4	5	6	8	10							
DN	mm	Weight kg/m																		
4	6.0	0.069	0.125																	
6	8.0	0.094	0.175																	
8	10.0	0.019	0.225	0.319	0.400															
	12.0	0.144	0.275	0.394	0.500															
10	14.0	0.169	0.325	0.469	0.600															
	15.0	0.181	0.350	0.506	0.650															
	16.0		0.375	0.544	0.700															
	17.0		0.400	0.581	0.750															
15	18.0		0.425	0.619	0.800															
	19.0		0.450	0.656	0.850															
	20.0		0.475	0.694	0.900	1.09														
20	22.0		0.525	0.769	1.00	1.22														
	23.0		0.550	0.806	1.05	1.28														
	25.0		0.600	0.882	1.15	1.41														
25	28.0		0.675	0.994	1.30	1.59														
	30.0		0.725	1.07	1.40	1.72	2.03													
	32.0		0.775	1.14	1.50	1.84	2.18													
	33.0		0.800	1.18	1.55	1.91	2.25													
32	34.0		0.825	1.22	1.60	1.97	2.33													
	35.0		0.850	1.26	1.65	2.03	2.40													
	38.0		0.925	1.37	1.80	2.22	2.63	3.02												
	40.0		0.975	1.44	1.90	2.34	2.78	3.19												
40	43.0		1.56																	
	44.5		1.09	1.61	2.13	2.63	3.11	3.59												
	45.0		1.10	1.63	2.15	2.66	3.15	3.63	4.10											
	50.0		1.23	1.82	2.40	2.97	3.53	4.07	4.60											
50	51.0		1.25	1.86	2.45	3.03	3.60	4.16	4.70											
	53.0			1.93																
	54.0		1.33	1.97	2.60															
	57.0			2.08	2.75	3.41	4.05	4.68	5.30											
65	63.5			2.33	3.08	3.81	4.54	5.25	5.95											
	68.0			2.49	3.30															
	69.0				3.35															
	70.0			2.57	3.40	4.22	5.03													
80	80			3.06	4.10	5.16	6.23													
100	100			3.81	5.10	6.41	7.73			10.4	13.1									
125	125			4.75	6.35		9.60													
150	150			5.68	7.60	9.53	11.5	12.8	15.4	19.4										
200	200			7.56	10.1	12.7	15.2	17.2	20.4	25.6										
250	250			9.43	12.6	15.8	19.0	21.6	25.4	31.9										
300	300			11.3	15.1	18.9	22.7	26.0	30.4	38.1										
350	350			13.2	17.6	22.0	26.5	30.3	35.4	44.4										
400	400						30.2		40.4	50.6										
450	450						34.0		45.4	56.9	68.4	91.6	115							
500	500						37.7		50.4	63.1	75.9	102	128							
600	600						45.2		60.4	75.6	90.9	122	153							
700	700						52.7		70.4	88.2	106	142	178							
800	800						60.2		80.4	101	121	162	203							
900	900						67.7		90.4	113	136	182	228							
1000	1000						75.2		100.0	126	151	202	253							
1100	1100						82.7		110	138	166	222	278							
1200	1200						90.3		120	151	181	242	303							
1300	1300								130	163	196	262	328							
1400	1400								140	176	211	282	353							
1500	1500								150	188	226	302	378							
1600	1600								160	201	241	322	403							

Inside diameter

Stock standard indicated by a darker colour