

Nominal Diameter d		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
s	max	0.4	0.4	0.6	0.7	0.8	0.8	1	1	1	1	1	1	1	1	1
	min	0.35	0.35	0.55	0.65	0.75	0.75	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94	0.94
d <sub>3</sub>	max	2.74	3.74	4.74	5.64	6.56	7.46	8.46	9.4	10.3	11.1	12	13	13.9	14.8	15.8
	min	2.55	3.55	4.55	5.45	6.32	7.22	8.22	8.94	9.84	10.64	11.54	12.54	13.44	14.34	15.34
d <sub>5</sub>	min	1	1	1	1.2	1.2	1.2	1.2	1.5	1.5	1.7	1.7	1.7	1.7	1.7	1.7
a	max	1.9	2.2	2.5	2.7	3.1	3.2	3.3	3.3	3.3	3.3	3.4	3.5	3.6	3.7	3.8
n	≈	0.8	0.9	1.1	1.3	1.4	1.5	1.7	1.8	1.8	1.8	2	2.1	2.2	2.2	2.3
per 1000 units ≈ kg		0.017	0.022	0.066	0.084	0.121	0.158	0.300	0.340	0.410	0.500	0.530	0.640	0.670	0.700	0.820

Nominal Diameter d		18	19	20	21	22	24	25	26	28	29	30	32	34	35	36
s	max	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.5	1.5	1.5	1.5	1.5	1.5	1.75
	min	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.14	1.44	1.44	1.44	1.44	1.44	1.44	1.69
d <sub>3</sub>	max	16.6	17.6	18.63	19.63	20.63	22.41	23.41	24.41	26.11	27.11	28.11	29.81	31.75	32.45	33.45
	min	16.14	17.14	18.08	19.08	20.08	21.78	22.78	23.78	25.48	26.48	27.48	29.18	31	31.7	32.7
d <sub>5</sub>	min	2	2	2	2	2	2	2	2	2	2	2	2.5	2.5	2.5	2.5
a	max	3.9	3.9	4	4.1	4.2	4.4	4.4	4.5	4.7	4.8	5	5.2	5.4	5.6	5.6
n	≈	2.4	2.5	2.6	2.7	2.8	3	3	3.1	3.2	3.4	3.5	3.6	3.8	3.9	4
per 1000 units ≈ kg		1.11	1.22	1.30	1.42	1.50	1.77	1.90	1.96	2.92	3.2	3.31	3.54	3.8	4.00	5.00

Nominal Diameter d		38	40	42	45	48	50	52	55	56	58	60	62	63	65	68
s	max	1.75	1.75	1.75	1.75	1.75	2	2	2	2	2	2	2	2	2.5	2.5
	min	1.69	1.69	1.69	1.69	1.69	1.93	1.93	1.93	1.93	1.93	1.93	1.93	1.93	2.43	2.43
d <sub>3</sub>	max	35.45	36.89	38.89	41.89	44.89	46.19	48.19	51.26	52.26	54.26	56.26	58.26	59.26	61.26	63.96
	min	34.7	35.6	37.6	40.6	43.6	44.9	46.9	49.7	50.7	52.7	54.7	56.7	57.7	59.7	62.4
d <sub>5</sub>	min	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	3	3
a	max	5.8	6	6.5	6.7	6.9	6.9	7	7.2	7.3	7.3	7.4	7.5	7.6	7.8	8
n	≈	4.2	4.4	4.5	4.7	5	5.1	5.2	5.4	5.5	5.6	5.8	6	6.2	6.3	6.5
per 1000 units ≈ kg		5.62	6.03	6.50	7.50	7.90	10.2	11.1	11.4	11.8	12.6	12.9	14.3	15.9	18.2	21.8

Nominal Diameter d		70	72	75	78	80	82	85	88	90	95	100	105	110	115	120
s	max	2.5	2.5	2.5	2.5	2.5	2.5	3	3	3	3	3	4	4	4	4
	min	2.43	2.43	2.43	2.43	2.43	2.43	2.92	2.92	2.92	2.92	2.92	3.9	3.9	3.9	3.9
d <sub>3</sub>	max	65.96	67.96	70.96	73.96	74.96	76.96	79.96	83.04	85.04	90.04	95.04	98.54	103.54	108.54	113.54
	min	64.4	66.4	69.4	72.4	73.4	75.4	78.4	81.2	83.2	88.2	93.2	96.7	101.7	106.7	111.7
d <sub>5</sub>	min	3	3	3	3	3	3	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
a	max	8.1	8.2	8.4	8.6	8.6	8.7	8.7	8.8	8.8	9.4	9.6	9.9	10.1	10.6	11
n	≈	6.6	6.8	7	7.3	7.4	7.6	7.8	8	8.2	8.6	9	9.3	9.6	9.8	10.2
per 1000 units ≈ kg		22.0	22.5	24.6	26.2	27.3	31.2	36.4	41.2	44.5	49	53.7	80	82	84	86

Nominal Diameter d		125	130	135	140	145	150	155	160	165	170	175	180	185	190	195
s	max	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	min	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
d <sub>3</sub>	max	118.54	123.63	128.63	133.63	138.63	142.63	146.63	151.63	156.13	161.13	166.13	171.03	176.13	181.22	186.22
	min	116.7	121.5	126.5	131.5	136.5	140.5	144.5	149.5	154	159	164	168.9	174	178.8	183.8
d <sub>5</sub>	min	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
a	max	11.4	11.6	11.8	12	12.2	13	13	13.3	13.5	13.5	13.5	14.2	14.2	14.2	14.2
n	≈	10.4	10.7	11	11.2	11.5	11.8	12	12.2	12.5	12.9	12.9	13.5	13.5	14	14
per 1000 units ≈ kg		90	100	104	110	115	120	135	150	160	170	180	190	200	210	220

Nominal Diameter d		200	210	220	230	240	250	260	270	280	290	300
s	max	4	5	5	5	5	5	5	5	5	5	5
	min	3.9	4.88	4.88	4.88	4.88	4.88	4.88	4.88	4.88	4.88	4.88
d <sub>3</sub>	max	191.22	198.72	208.72	218.72	228.72	238.72	245.72	255.81	265.81	275.81	285.81
	min	188.8	196.3	206.3	216.3	226.3	236.3	243.3	253	263	273	283
d <sub>5</sub>	min	4	4	4	4	4	4	5	5	5	5	5
a	max	14.2	14.2	14.2	14.2	14.2	14.2	16.2	16.2	16.2	16.2	16.2
n	≈	14	14	14	14	14	14	16	16	16	16	16
per 1000 units ≈ kg		230	248	265	290	310	335	355	375	398	418	440