Screw Thread d			M1.6	M2	M2.5	M3	(M3.5)	M4	M5	M6	(M7)	M8	M10	M12	(M14)	M16	(M18)
P	Pitch		0.35	0.4	0.45	0.5	0.6	0.7	0.8	1	1	1.25	1.5	1.75	2	2	2.5
a	max		1.05	1.2	1.35	1.5	1.8	2.1	2.4	3	3	3.75	4.5	5.25	6	6	7.5
	min		0.35	0.4	0.45	0.5	0.6	0.7	0.8	1	1	1.25	1.5	1.75	2	2	2.5
c	max		0.25	0.25	0.25	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.8	0.8
	min		0.1	0.1	0.1	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.2	0.2
d_a	max		2	2.6	3.1	3.6	4.1	4.7	5.7	6.8	7.8	9.2	11.2	13.7	15.7	17.7	20.2
d_w	Grade A	min	2.54	3.34	4.34	4.84	5.34	6.2	7.2	8.88	9.63	11.63	14.63	16.63	19.64	22.49	25.34
	Grade B	min	2.42	3.22	4.22	4.72	5.22	6.06	7.06	8.74	9.47	11.47	14.47	16.47	19.15	22	24.85
e	Grade A	min	3.41	4.32	5.45	6.01	6.58	7.66	8.79	11.05	12.12	14.38	17.77	20.03	23.36	26.75	30.14
	Grade B	min	3.28	4.18	5.31	5.88	6.44	7.5	8.63	10.89	11.94	14.2	17.59	19.85	22.78	26.17	29.56
k	Nominal Size		1.1	1.4	1.7	2	2.4	2.8	3.5	4	4.8	5.3	6.4	7.5	8.8	10	11.5
	Grade A	max	1.225	1.525	1.825	2.125	2.525	2.925	3.65	4.15	4.95	5.45	6.58	7.68	8.98	10.18	11.715
		min	0.975	1.275	1.575	1.875	2.275	2.675	3.35	3.85	4.65	5.15	6.22	7.32	8.62	9.82	11.285
	Grade B	max	1.3	1.6	1.9	2.2	2.6	3	3.74	4.24	5.04	5.54	6.69	7.79	9.09	10.29	11.85
		min	0.9	1.2	1.5	1.8	2.2	2.6	3.26	3.76	4.56	5.06	6.11	7.21	8.51	9.71	11.15
k_1	Grade A	min	0.68	0.89	1.1	1.31	1.59	1.87	2.35	2.7	3.26	3.61	4.35	5.12	6.03	6.87	7.9
	Grade B	min	0.63	0.84	1.05	1.26	1.54	1.82	2.28	2.63	3.19	3.54	4.28	5.05	5.96	6.8	7.81
r	min		0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.25	0.25	0.4	0.4	0.6	0.6	0.6	0.6
s	max=nominal size		3.2	4	5	5.5	6	7	8	10	11	13	16	18	21	24	27
	Grade A	min	3.02	3.82	4.82	5.32	5.82	6.78	7.78	9.78	10.73	12.73	15.73	17.73	20.67	23.67	26.67
	Grade B	min	2.9	3.7	4.7	5.2	5.7	6.64	7.64	9.64	10.57	12.57	15.57	17.57	20.16	23.16	26.16

Screw Thread d			M20	(M22)	M24	(M27)	M30	(M33)	M36	(M39)	M42	(M45)	M48	(M52)	M56	(M60)	M64
P	Pitch		2.5	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	5	5.5	5.5	6
a	max		7.5	7.5	9	9	10.5	10.5	12	12	13.5	13.5	15	15	16.5	16.5	18
	min		2.5	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5	5	5.5	5.5	6
c	max		0.8	0.8	0.8	0.8	0.8	0.8	0.8	1	1	1	1	1	1	1	1
	min		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
d_a	max		22.4	24.4	26.4	30.4	33.4	36.4	39.4	42.4	45.6	48.6	52.6	56.6	63	67	71
d_w	Grade A	min	28.19	31.71	33.61	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	min	27.7	31.35	33.25	38	42.75	46.55	51.11	55.86	59.95	64.7	69.45	74.2	78.66	83.41	88.16
e	Grade A	min	33.53	37.72	39.98	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	min	32.95	37.29	39.55	45.2	50.85	55.37	60.79	66.44	71.3	76.95	82.6	88.25	93.56	99.21	104.86
k	Nominal Size		12.5	14	15	17	18.7	21	22.5	25	26	28	30	33	35	38	40
	Grade A	max	12.715	14.215	15.215	/	/	/	/	/	/	/	/	/	/	/	/
		min	12.285	13.785	14.785	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	max	12.85	14.35	15.35	17.35	19.12	21.42	22.92	25.42	26.42	28.42	30.42	33.5	35.5	38.5	40.5
		min	12.15	13.65	14.65	16.65	18.28	20.58	22.08	24.58	25.58	27.58	29.58	32.5	34.5	37.5	39.5
k_1	Grade A	min	8.6	9.65	10.35	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	min	8.51	9.56	10.26	11.66	12.8	14.41	15.46	17.21	17.91	19.31	20.71	22.75	24.15	26.25	27.65
r	min		0.8	0.8	0.8	1	1	1	1	1	1.2	1.2	1.6	1.6	2	2	2
s	max=nominal size		30	34	36	41	46	50	55	60	65	70	75	80	85	90	95
	Grade A	min	29.67	33.38	35.38	/	/	/	/	/	/	/	/	/	/	/	/
	Grade B	min	29.16	33	35	40	45	49	53.8	58.8	63.1	68.1	73.1	78.1	82.8	87.8	92.8