

Screw Thread d		M1.6	M2	M2.5	M3	(M3.5)	M4	M5	M6	
P	Thread Pitch		0.35	0.4	0.45	0.5	0.6	0.7	0.8	1
b	Ref.	L≤125	9	10	11	12	13	14	16	18
		125<L≤200	-	-	-	-	-	-	22	24
		L>200	-	-	-	-	-	-	-	-
c	min		0.1	0.1	0.1	0.15	0.15	0.15	0.15	0.15
	max		0.25	0.25	0.25	0.4	0.4	0.4	0.5	0.5
d_a	max		2	2.6	3.1	3.6	4.1	4.7	5.7	6.8
d_s	max=nominal size		1.6	2	2.5	3	3.5	4	5	6
	min	Grade A	1.46	1.86	2.36	2.86	3.32	3.82	4.82	5.82
		Grade B	-	-	-	-	-	-	-	-
d_w	min	Grade A	2.4	3.2	4.1	4.6	5.1	5.9	6.9	8.9
		Grade B	-	-	-	-	-	-	-	-
e	min	Grade A	3.41	4.32	5.45	6.01	6.58	7.66	8.79	11.05
		Grade B	-	-	-	-	-	-	-	-
k	Nominal Size		1.1	1.4	1.7	2	2.4	2.8	3.5	4
	Grade A	min	0.98	1.28	1.58	1.88	2.28	2.68	3.35	3.85
		max	1.22	1.52	1.82	2.12	2.52	2.92	3.65	4.15
	Grade B	min	-	-	-	-	-	-	-	-
		max	-	-	-	-	-	-	-	-
k₁	min		0.7	0.9	1.1	1.3	1.6	1.9	2.28	2.63
r	min		0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.25
s	max=nominal size		3.2	4	5	5.5	6	7	8	10
	min	Grade A	3.02	3.82	4.82	5.32	5.82	6.78	7.78	9.78
		Grade B	-	-	-	-	-	-	-	-
Screw Thread d		(M7)	M8	M10	M12	(M14)	M16	(M18)	M20	
P	Thread Pitch		1	1.25	1.5	1.75	2	2	2.5	2.5
b	Ref.	L≤125	20	22	26	30	34	38	42	46
		125<L≤200	26	28	32	36	40	44	48	52
		L>200	-	-	45	49	53	57	61	65
c	min		0.15	0.15	0.15	0.15	0.15	0.2	0.2	0.2
	max		0.5	0.6	0.6	0.6	0.6	0.8	0.8	0.8
d_a	max		7.8	9.2	11.2	13.7	15.7	17.7	20.2	22.4
d_s	max=nominal size		7	8	10	12	14	16	18	20
	min	Grade A	6.78	7.78	9.78	11.73	13.73	15.73	17.73	19.67
		Grade B	-	-	-	-	-	15.57	17.57	19.48
d_w	min	Grade A	9.8	11.6	15.6	17.4	20.5	22.5	25.3	28.2
		Grade B	-	-	-	-	-	22	24.8	27.7
e	min	Grade A	12.12	14.38	18.9	21.1	24.49	26.75	30.14	33.53
		Grade B	-	-	-	-	-	26.17	29.56	32.95
k	Nominal Size		4.8	5.3	6.4	7.5	8.8	10	11.5	12.5
	Grade A	min	4.65	5.15	6.22	7.32	8.62	9.82	11.28	12.28
		max	4.95	5.45	6.58	7.68	8.98	10.18	11.72	12.72
	Grade B	min	-	-	-	-	-	9.71	11.15	12.15
		max	-	-	-	-	-	10.29	11.85	12.85
k₁	min		3.19	3.54	4.28	5.05	5.96	6.8	7.8	8.5
r	min		0.25	0.4	0.4	0.6	0.6	0.6	0.6	0.8
s	max=nominal size		11	13	17	19	22	24	27	30
	min	Grade A	10.73	12.73	16.73	18.67	21.67	23.67	26.67	29.67
		Grade B	-	-	-	-	-	23.16	26.16	29.16

Screw Thread		(M22)	M24	(M27)	M30	(M33)	M36	(M39)	M42	
d										
P	Thread Pitch	2.5	3	3	3.5	3.5	4	4	4.5	
b	Ref.	L≤125	50	54	60	66	72	78	84	90
		125<L≤200	56	60	66	72	78	84	90	96
		L>200	69	73	79	85	91	97	103	109
c	min	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	
	max	0.8	0.8	0.8	0.8	0.8	0.8	1	1	
d_a	max	24.4	26.4	30.4	33.4	36.4	39.4	42.4	45.6	
d_s	max=nominal size		22	24	27	30	33	36	39	42
	min	Grade A	21.67	23.67	-	-	-	-	-	-
		Grade B	21.48	23.48	26.48	29.48	32.38	35.38	38.38	41.61
d_w	min	Grade A	30	33.6	-	-	-	-	-	-
		Grade B	29.5	33.2	38	42.7	46.6	51.1	55.9	60.6
e	min	Grade A	35.72	39.98	-	-	-	-	-	-
		Grade B	35.03	39.55	45.2	50.85	55.37	60.79	66.44	71.3
k	Nominal Size		14	15	17	18.7	21	22.5	25	26
	Grade A	min	13.78	14.78	-	-	-	-	-	-
		max	14.22	15.22	-	-	-	-	-	-
	Grade B	min	13.65	14.65	16.65	18.28	20.58	22.08	24.58	25.58
		max	14.35	15.35	17.35	19.12	21.42	22.92	25.42	26.42
k₁	min	9.6	10.3	11.7	12.8	14.4	15.5	17.2	17.9	
r	min	0.8	0.8	1	1	1	1	1	1.2	
s	max=nominal size		32	36	41	46	50	55	60	65
	min	Grade A	31.61	35.38	-	-	-	-	-	-
		Grade B	31	35	40	45	49	53.8	58.8	63.1
Screw Thread		(M45)	M48	(M52)	M56	(M60)	M64	(M68)	M72	
d										
P	Thread Pitch	4.5	5	5	5.5	5.5	6	6	6	
b	Ref.	L≤125	96	102	-	-	-	-	-	-
		125<L≤200	102	108	116	124	132	140	148	156
		L>200	115	121	129	137	145	153	161	169
c	min	0.3	0.3	0.3	-	-	-	-	-	
	max	1	1	1	1	1	1	1	1	
d_a	max	48.6	52.6	56.6	63	67	71	75	79	
d_s	max=nominal size		45	48	52	56	60	64	68	72
	min	Grade A	-	-	-	-	-	-	-	-
		Grade B	44.38	47.38	51.26	55.26	59.26	63.26	67.26	71.26
d_w	min	Grade A	-	-	-	-	-	-	-	-
		Grade B	64.7	69.4	74.2	78.7	83.4	88.2	92.9	97.7
e	min	Grade A	-	-	-	-	-	-	-	-
		Grade B	76.95	82.6	88.25	93.56	99.21	104.86	110.51	116.16
k	Nominal Size		28	30	33	35	38	40	43	45
	Grade A	min	-	-	-	-	-	-	-	-
		max	-	-	-	-	-	-	-	-
	Grade B	min	27.58	29.58	32.5	34.5	37.5	39.5	42.5	44.5
		max	28.42	30.42	33.5	35.5	38.5	40.5	43.5	45.5
k₁	min	19.3	20.9	22.8	24.2	26.2	27.6	29.8	31.2	
r	min	1.2	1.6	1.6	2	2	2	2	2	
s	max=nominal size		70	75	80	85	90	95	100	105
	min	Grade A	-	-	-	-	-	-	-	-
		Grade B	68.1	73.1	78.1	82.8	87.8	92.8	97.8	102.8

Screw Thread		(M76)	M80	M90	M100	M110	M125	M140	M160	
d										
P	Thread Pitch	6	6	6	6	6	6	6	6	
b	Ref.	L≤125	-	-	-	-	-	-	-	
		125<L≤200	164	172	192	-	-	-	-	
		L>200	177	185	205	225	245	275	305	345
c	min		-	-	-	-	-	-	-	
	max		1	2	2	2	2	2	2	
d_a	max		83	87	97	107	117	132	147	167
d_s	max=nominal size		76	88	90	100	110	125	140	160
	min	Grade A	-	-	-	-	-	-	-	-
		Grade B	75.26	79.26	89.13	99.13	109.13	124	139	159
d_w	min	Grade A	-	-	-	-	-	-	-	
		Grade B	102.1	106.9	121.1	135.4	144.9	168.6	185.6	214.1
e	min	Grade A	-	-	-	-	-	-	-	
		Grade B	121.81	127.46	144.08	161.02	172.32	200.57	220.8	254.7
k	Nominal Size		48	50	57	63	69	79	88	100
	Grade A	min	-	-	-	-	-	-	-	-
		max	-	-	-	-	-	-	-	-
	Grade B	min	47.5	49.5	56.4	62.4	68.4	78.4	87.3	99.3
		max	48.5	50.5	57.6	63.6	69.6	79.6	88.7	100.7
k₁	min		33.2	34.6	40.3	43.7	47.9	54.9	61.1	69.5
r	min		2	2	2.5	2.5	2.5	2.5	2.5	2.5
s	max=nominal size		110	115	130	145	155	180	200	230
	min	Grade A	-	-	-	-	-	-	-	-
		Grade B	107.8	112.8	127.5	142.5	152.5	177.5	195.4	225.4