

Screw Thread			M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24	(M27)	M30	(M33)	M36	(M39)
d																
P	Pitch	Fine thread-1	1	1	1.5	1.5	1.5	2	1.5	2	2	2	2	2	3	3
		Fine thread-2	-	1.25	1.25	-	-	1.5	2	1.5	1.5	-	-	-	-	-
b	L≤125		22	26	30	34	38	42	46	50	54	60	66	72	78	84
	125<L≤200		28	32	36	40	44	48	52	56	60	66	72	78	84	90
	L>200		41	45	49	53	57	61	65	69	73	79	85	91	97	103
c	min		0.15	0.15	0.15	0.15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
	max		0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
da	max		9.2	11.2	13.7	15.7	17.7	20.2	22.4	24.4	26.4	30.4	33.4	36.4	39.4	42.4
ds	max		8	10	12	14	16	18	20	22	24	27	30	33	36	39
	Grade A	min	7.78	9.78	11.73	13.73	15.73	17.73	19.67	21.67	23.67	-	-	-	-	-
	Grade B	min	7.64	9.64	11.57	13.57	15.57	17.57	19.48	21.48	23.48	26.48	29.48	32.38	35.38	38.38
dw	Grade A	min	11.6	15.6	17.4	20.5	22.5	25.3	28.2	30	33.6	-	-	-	-	-
	Grade B	min	11.4	15.4	17.2	20.1	22	24.8	27.7	29.5	33.2	38	42.7	46.6	51.1	55.9
e	Grade A	min	14.38	18.9	21.1	24.49	26.75	30.14	33.53	35.72	39.98	-	-	-	-	-
	Grade B	min	14.2	18.72	20.88	23.91	26.17	29.56	32.95	35.03	39.55	45.2	50.85	55.37	60.79	66.44
k	Nominal Size		5.3	6.4	7.5	8.8	10	11.5	12.5	14	15	17	18.7	21	22.5	25
	Grade A	min	5.15	6.22	7.32	8.62	9.82	11.28	12.28	13.78	14.78	-	-	-	-	-
		max	5.45	6.58	7.68	8.98	10.18	11.72	12.72	14.22	15.22	-	-	-	-	-
	Grade B	min	5.06	6.11	7.21	8.51	9.71	11.15	12.15	13.65	14.65	16.65	18.28	20.58	22.08	24.58
max		5.54	6.69	7.79	9.09	10.29	11.85	12.85	14.35	15.35	17.35	19.12	21.42	22.92	25.42	
k1	min		3.54	4.28	5.05	5.96	6.8	7.8	8.5	9.6	10.3	11.7	12.8	14.4	15.5	17.2
r	min		0.4	0.4	0.6	0.6	0.6	0.6	0.8	0.8	0.8	1	1	1	1	1
s	max=nominal size		13	17	19	22	24	27	30	32	36	41	46	50	55	60
	Grade A	min	12.73	16.73	18.67	21.67	23.67	26.67	29.67	31.61	35.38	-	-	-	-	-
	Grade B	min	12.57	16.57	18.48	21.16	23.16	26.16	29.16	31	35	40	45	49	53.8	58.8

Screw Thread			M42	(M45)	M48	(M52)	M56	(M60)	M64	(M68)	M72	(M76)	M80	M90	M100
d															
P	Pitch	Fine thread-1	3	3	3	3	4	4	4	4	4	4	4	4	4
		Fine thread-2	-	-	-	-	-	-	-	-	-	-	-	-	-
b	L≤125		90	96	102	-	-	-	-	-	-	-	-	-	-
	125<L≤200		96	102	108	116	124	132	140	148	158	164	172	192	-
	L>200		109	115	121	129	137	145	153	161	169	177	185	205	225
c	min		0.3	0.3	0.3	0.3	-	-	-	-	-	-	-	-	-
	max		1	1	1	1	1	1	1	1	1	1	2	2	2
da	max		45.6	48.6	52.6	56.6	63	67	71	75	79	83	87	97	108
ds	max		42	45	48	52	56	60	64	68	72	76	80	90	100
	Grade A	min	-	-	-	-	-	-	-	-	-	-	-	-	-
	Grade B	min	41.38	44.38	47.38	51.26	55.26	59.26	63.26	67.26	71.26	75.26	79.26	89.13	99.13
dw	Grade A	min	-	-	-	-	-	-	-	-	-	-	-	-	-
	Grade B	min	59.9	64.7	69.4	74.2	78.7	83.4	88.2	92.9	97.7	102.4	107.2	121.1	135.4
e	Grade A	min	-	-	-	-	-	-	-	-	-	-	-	-	-
	Grade B	min	71.3	76.95	82.6	88.25	93.56	99.21	104.86	110.51	116.16	121.81	127.46	144.08	161.03
k	Nominal Size		26	28	30	33	35	38	40	43	45	48	50	57	63
	Grade A	min	-	-	-	-	-	-	-	-	-	-	-	-	-
		max	-	-	-	-	-	-	-	-	-	-	-	-	-
	Grade B	min	25.58	27.58	29.58	32.5	34.5	37.5	39.5	42.5	44.5	47.5	49.5	56.4	62.4
max		26.42	28.42	30.42	33.5	35.5	38.5	40.5	43.5	45.5	48.5	50.5	57.6	63.6	
k1	min		17.9	19.3	20.9	22.8	24.2	26.2	27.6	29.8	31.2	33.2	34.6	39.5	43.7
r	min		1.2	1.2	1.6	1.6	2	2	2	2	2	2	2	2.5	2.5
s	max=nominal size		65	70	75	80	85	90	95	100	105	110	115	130	145
	Grade A	min	-	-	-	-	-	-	-	-	-	-	-	-	-
	Grade B	min	63.1	68.1	73.1	78.1	82.8	87.8	92.8	97.8	102.8	107.8	112.8	127.5	142.5