

Screw Thread d			M8	M10	(M10)	M12	(M12)	(M14)	M16	(M18)	M20	(M20)	(M22)	M24
P	Pitch		1	1	1.25	1.5	1.25	1.5	1.5	1.5	1.5	2	1.5	2
a	max		3	3	4	4.5	4	4.5	4.5	4.5	4.5	6	4.5	6
	min		1	1	1.25	1.5	1.25	1.5	1.5	1.5	1.5	2	1.5	2
c	max		0.6	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8
	min		0.15	0.15	0.15	0.15	0.15	0.15	0.2	0.2	0.2	0.2	0.2	0.2
da	max		9.2	11.2	11.2	13.7	13.7	15.7	17.7	20.2	22.4	22.4	24.4	26.4
dw	Gread A	min	11.63	14.63	14.63	16.63	16.63	19.37	22.49	25.34	28.19	28.19	31.71	33.61
	Gread B	min	/	/	/	/	/	/	22	24.85	27.7	27.7	31.35	33.25
e	Gread A	min	14.38	17.77	17.77	20.03	20.03	23.36	26.75	30.14	33.53	33.53	37.72	39.98
	Gread B	min	/	/	/	/	/	/	26.17	29.56	32.95	32.95	37.29	39.55
k	Nominal Size		5.3	6.4	6.4	7.5	7.5	8.8	10	11.5	12.5	12.5	14	15
	Gread A	max	5.45	6.58	6.58	7.68	7.68	8.98	10.18	11.715	12.715	12.715	14.215	15.215
		min	5.15	6.22	6.22	7.32	7.32	8.62	9.82	11.285	12.285	12.285	13.785	14.785
	Gread B	max	/	/	/	/	/	/	10.29	11.85	12.85	12.85	14.35	15.35
min		/	/	/	/	/	/	9.71	11.15	12.15	12.15	13.65	14.65	
k1	Gread A	min	3.61	4.35	4.35	5.12	5.12	6.03	6.87	7.9	8.6	8.6	9.65	10.35
	Gread B	min	/	/	/	/	/	/	6.8	7.81	8.51	8.51	9.56	10.26
r	min		0.4	0.4	0.4	0.6	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8
s	max=nominal size		13	16	16	18	18	21	24	27	30	30	34	36
	Gread A	min	12.73	15.73	15.73	17.73	17.73	20.67	23.67	26.67	29.67	29.67	33.38	35.38
	Gread B	min	/	/	/	/	/	/	23.16	26.16	29.16	29.16	33	35

Screw Thread			(M27)	M30	(M33)	M36	(M39)	M42	(M45)	M48	(M52)	M56	(M60)	M64
P	Pitch		2	2	2	3	3	3	3	3	4	4	4	4
a	max		6	6	6	9	9	9	9	9	12	12	12	12
	min		2	2	2	3	3	3	3	3	4	4	4	4
c	max		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	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
da	max		30.4	33.4	36.4	39.4	42.4	45.6	48.6	52.6	56.6	63	67	71
d_w	Gread A	min	/	/	/	/	/	/	/	/	/	/	/	/
	Gread B	min	38	42.75	46.55	51.11	55.86	59.95	64.7	69.45	74.2	78.66	83.41	88.16
e	Gread A	min	/	/	/	/	/	/	/	/	/	/	/	/
	Gread B	min	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		17	18.7	21	22.5	25	26	28	30	33	35	38	40
	Gread A	max	/	/	/	/	/	/	/	/	/	/	/	/
		min	/	/	/	/	/	/	/	/	/	/	/	/
	Gread B	max	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		16.65	18.28	20.58	22.08	24.58	25.58	27.58	29.58	32.5	34.5	37.5	39.5	
k₁	Gread A	min	/	/	/	/	/	/	/	/	/	/	/	/
	Gread B	min	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		1	1	1	1	1	1.2	1.2	1.6	1.6	2	2	2
s	max=nominal size		41	46	50	55	60	65	70	75	80	85	90	95
	Gread A	min	/	/	/	/	/	/	/	/	/	/	/	/
	Gread B	min	40	45	49	53.8	58.8	63.1	68.1	73.1	78.1	82.8	87.8	92.8