

Screw Thread		M5	M6	M8	M10	M12	M16	M20	M24	(M27)
d										
P	Pitch	0.8	1	1.25	1.5	1.75	2	2.5	3	3
b	L≤125	16	18	22	26	30	38	46	54	60
	125<L≤200	22	24	28	32	36	44	52	60	66
	L>200	35	37	41	45	49	57	65	73	79
c	max	0.5	0.5	0.6	0.6	0.6	0.8	0.8	0.8	0.8
da	max	6	7.2	10.2	12.2	14.7	18.7	24.4	28.4	32.4
dw	min	6.7	8.7	11.4	15.4	17.2	22	27.7	33.2	38
ds	Nominal Size	5	6	8	10	12	16	20	24	27
	min	4.52	5.52	7.42	9.42	11.3	15.3	19.16	23.16	26.16
	max	5.48	6.48	8.58	10.58	12.7	16.7	20.84	24.84	27.84
e	min	8.63	10.89	14.2	18.72	20.88	26.17	32.95	39.55	45.2
k	Nominal Size	3.5	4	5.3	6.4	7.5	10	12.5	15	17
	min	3.12	3.62	4.92	5.95	7.05	9.25	11.6	14.1	16.1
	max	3.88	4.38	5.68	6.85	7.95	10.75	13.4	15.9	17.9
k1	min	2.2	2.5	3.45	4.2	4.95	6.5	8.1	9.9	11.3
r	min	0.2	0.25	0.4	0.4	0.6	0.6	0.8	0.8	1
s	max=nominal size	8	10	13	17	19	24	30	36	41
	min	7.64	9.64	12.57	16.57	18.48	23.16	29.16	35	40

Screw Thread		M30	(M33)	M36	(M39)	M42	(M45)	M48	(M52)
d									
P	Pitch	3.5	3.5	4	4	4.5	4.5	5	5
b	L≤125	66	72	78	84	-	-	-	-
	125<L≤200	72	78	84	90	96	102	108	116
	L>200	85	91	97	103	109	115	121	129
c	max	0.8	0.8	0.8	1	1	1	1	1
d_a	max	35.4	38.4	42.4	45.4	48.6	52.6	56.6	62.6
d_w	min	42.7	46.5	51.1	55.9	59.9	64.7	69.4	74.2
d_s	Nominal Size	30	33	36	39	42	45	48	52
	min	29.16	32	35	38	41	44	47	51
	max	30.84	34	37	40	43	46	49	53
e	min	50.85	55.37	60.79	66.44	71.3	76.95	82.6	88.25
k	Nominal Size	18.7	21	22.5	25	26	28	30	33
	min	17.65	19.95	21.45	23.95	24.95	26.95	28.95	31.75
	max	19.75	22.05	23.53	26.05	27.05	29.05	31.05	34.25
k₁	min	12.4	14	15	16.8	17.5	18.9	20.2	22.2
r	min	1	1	1	1	1.2	1.2	1.6	1.6
s	max=nominal size	46	50	55	60	65	70	75	80
	min	45	49	53.8	58.8	63.1	68.1	73.1	78.1