

Screw Thread		M5	M6	M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24	(M27)
d													
P	Pitch	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3	3
a	max	2.4	3	4	4.5	5.3	6	6	7.5	7.5	7.5	9	9
	min	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3	3
c	max	0.5	0.5	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8
d _a	max	6	7.2	10.2	12.2	14.7	16.7	18.7	21.2	24.4	26.4	28.4	32.4
d _w	min	6.74	8.74	11.47	14.47	16.47	19.15	22	24.85	27.7	31.35	33.25	38
e	min	8.63	10.89	14.2	17.59	19.85	22.78	26.17	29.56	32.95	37.29	39.55	45.2
k	Nominal Size	3.5	4	5.3	6.4	7.5	8.8	10	11.5	12.5	14	15	17
	max	3.875	4.375	5.675	6.85	7.95	9.25	10.75	12.4	13.4	14.9	15.9	17.9
	min	3.125	3.625	4.925	5.95	7.05	8.35	9.25	10.6	11.6	13.1	14.1	16.1
k ₁	min	2.19	2.54	3.45	4.17	4.94	5.85	6.48	7.42	8.12	9.17	9.87	11.27
r	min	0.2	0.25	0.4	0.4	0.6	0.6	0.6	0.6	0.8	0.8	0.8	1
s	max=nominal size	8	10	13	16	18	21	24	27	30	34	36	41
	min	7.64	9.64	12.57	15.57	17.57	20.16	23.16	26.16	29.16	33	35	40

Screw Thread		M30	(M33)	M36	(M39)	M42	(M45)	M48	(M52)	M56	(M60)	M64
d												
P	Pitch	3.5	3.5	4	4	4.5	4.5	5	5	5.5	5.5	6
a	max	10.5	10.5	12	12	13.5	13.5	15	15	16.5	16.5	18
	min	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	1	1	1	1	1	1	1	1
d_a	max	35.4	38.4	42.4	45.4	48.6	52.6	56.6	62.6	67	71	75
d_w	min	42.75	46.55	51.11	55.86	59.95	64.7	69.45	74.2	78.66	83.41	88.16
e	min	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	18.7	21	22.5	25	26	28	30	33	35	38	40
	max	19.75	22.05	23.55	26.05	27.05	29.05	31.05	34.25	36.25	39.25	41.25
	min	17.65	19.95	21.45	23.95	24.95	26.95	28.95	31.75	33.75	36.75	38.75
k₁	min	12.36	13.97	15.02	16.77	17.47	18.87	20.27	22.23	23.63	25.73	27.13
r	min	1	1	1	1	1.2	1.2	1.6	1.6	2	2	2
s	max=nominal size	46	50	55	60	65	70	75	80	85	90	95
	min	45	49	53.8	58.8	63.1	68.1	73.1	78.1	82.8	87.8	92.8