

Screw Thread d		M1.6	M2	M2.5	M3	M4	M5	M6	M8	M10	M12
P	Pitch	0.35	0.4	0.45	0.5	0.7	0.8	1	1.25	1.5	1.75
b	Ref.	15	16	17	18	20	22	24	28	32	36
d_k	max (plain head)	3.0	3.8	4.5	5.5	7.0	8.5	10.0	13.0	16.0	18.0
	max (knurled head)	3.14	3.98	4.68	5.68	7.22	8.72	10.22	13.27	16.27	18.27
	min	2.86	3.62	4.32	5.32	6.78	8.28	9.78	12.73	15.73	17.73
d_s	max	1.6	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10.0	12.0
	min	1.46	1.86	2.36	2.86	3.82	4.82	5.82	7.78	9.78	11.73
e	min	1.73	1.73	2.3	2.87	3.44	4.58	5.72	6.86	9.15	11.43
k	max	1.6	2.0	2.5	3.0	4.0	5.0	6.0	8.0	10.0	12.0
	min	1.46	1.86	2.36	2.86	3.82	4.82	5.7	7.64	9.64	11.57
r	min	0.1	0.1	0.1	0.1	0.2	0.2	0.25	0.4	0.4	0.6
s	Nominal Size	1.5	1.5	2	2.5	3	4	5	6	8	10
	max (class 12.9)	1.545	1.545	2.045	2.56	3.071	4.084	5.084	6.095	8.115	10.115
	max (not class 12.9)	1.56	1.56	2.06	2.58	3.08	4.095	5.14	6.14	8.175	10.175
	min	1.52	1.52	2.02	2.52	3.02	4.02	5.02	6.02	8.025	10.025
t	min	0.7	1	1.1	1.3	2	2.5	3	4	5	6

①, e min = 1.14 * S min

②, L-b ≥ 3P (P: Coarse thread pitch)

Screw Thread d		(M14)	M16	M20	M24	M30	M36	M42	M48	M56	M64
P	Pitch	2	2	2.5	3	3.5	4	4.5	5	5.5	6
b	Ref.	40	44	52	60	72	84	96	108	124	140
d_k	max (plain head)	21.0	24.0	30.0	36.0	45.0	54.0	63.0	72.0	84.0	96.0
	max (knurled head)	21.33	24.33	30.33	36.39	45.39	54.46	63.46	72.46	84.54	96.54
	min	20.67	23.67	29.67	35.61	44.61	53.54	62.54	71.54	83.46	95.46
d_s	max	14.0	16.0	20.0	24.0	30.0	36.0	42.0	48.0	56.0	64.0
	min	13.73	15.73	19.67	23.67	29.67	35.61	41.61	47.61	55.54	63.54
e	min	13.72	16	19.44	21.73	25.15	30.85	36.57	41.13	46.83	52.53
k	max	14.0	16.0	20.0	24.0	30.0	36.0	42.0	48.0	56.0	64.0
	min	13.57	15.57	19.48	23.48	29.48	35.38	41.38	47.38	55.26	63.26
r	min	0.6	0.6	0.8	0.8	1	1	1.2	1.6	2	2
s	Nominal Size	12	14	17	19	22	27	32	36	41	46
	max (class 12.9)	12.142	14.142	/	/	/	/	/	/	/	/
	max (not class 12.9)	12.212	14.212	17.23	19.275	22.275	27.275	32.33	36.33	41.33	46.33
	min	12.032	14.032	17.05	19.065	22.065	27.065	32.08	36.08	41.08	46.08
t	min	7	8	10	12	15.5	19	24	28	34	38

①, e min = 1.14 * S min

②, L-b ≥ 3P (P: Coarse thread pitch)