

Screw Thread d			M8	M10	M12	M14	M16	M18	M20	M22	M24
P	Pitch	Fine thread-1	1	1	1.5	1.5	1.5	2	1.5	2	2
		Fine thread-2	-	1.25	1.25	-	-	1.5	2	1.5	1.5
a	max		3	3.75	4.5	4.5	4.5	6	6	6	6
c	min		0.15	0.15	0.15	0.15	0.2	0.2	0.2	0.2	0.2
	max		0.6	0.6	0.6	0.6	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
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
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
k	Nominal Size		5.3	6.4	7.5	8.8	10	11.5	12.5	14	15
	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
max		5.54	6.69	7.79	9.09	10.29	11.85	12.85	14.35	15.35	
k1	min		3.54	4.28	5.05	5.96	6.8	7.8	8.5	9.6	10.3
r	min		0.4	0.4	0.6	0.6	0.6	0.6	0.8	0.8	0.8
s	max=nominal size		13	17	19	22	24	27	30	32	36
	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

Screw Thread d			M27	M30	M33	M36	M39	M42	M45	M48	M52
P	Pitch	Fine thread-1	2	2	2	3	3	3	3	3	3
		Fine thread-2	-	-	-	-	-	-	-	-	-
a	max		6	6	6	9	9	9	9	9	9
c	min		0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3
	max		0.8	0.8	0.8	0.8	1	1	1	1	1
da	max		30.4	33.4	36.4	39.4	42.4	45.6	48.6	52.6	56.6
dw	Grade A	min	-	-	-	-	-	-	-	-	-
	Grade B	min	38	42.7	46.6	51.1	55.9	59.9	64.7	69.4	74.2
e	Grade A	min	-	-	-	-	-	-	-	-	-
	Grade B	min	45.2	50.85	55.37	60.79	66.44	71.3	76.95	82.6	88.25
k	Nominal Size		17	18.7	21	22.5	25	26	28	30	33
	Grade A	min	-	-	-	-	-	-	-	-	-
		max	-	-	-	-	-	-	-	-	-
	Grade B	min	16.65	18.28	20.58	22.08	24.58	25.58	27.58	29.58	32.5
max		17.35	19.12	21.42	22.92	25.42	26.42	28.42	30.42	33.5	
k1	min		11.7	12.8	14.4	15.5	17.2	17.9	19.3	20.9	22.8
r	min		1	1	1	1	1	1.2	1.2	1.6	1.6
s	max=nominal size		41	46	50	55	60	65	70	75	80
	Grade A	min	-	-	-	-	-	-	-	-	-
	Grade B	min	40	45	49	53.8	58.8	63.1	68.1	73.1	78.1