

Thread Size			M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24	(M27)	M30
D			grade A	grade B									
P	Pitch	Fine thread, 1	1.00	1.25	1.50	1.50	1.50	2.00	2.00	2.00	2.00	2.00	2.00
		Fine thread, 2	/	(1)	(1.25)	/	/	(1.5)	(1.5)	(1.5)	/	/	/
d <sub>a</sub>	max		8.75	10.80	12.96	15.12	17.28	19.44	21.60	23.76	25.92	29.16	32.40
	min		8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	27.00	30.00
d <sub>w</sub>	min		11.63	14.63	16.63	19.64	22.49	24.85	27.70	31.35	33.25	38.00	42.75
e	min		14.38	17.77	20.03	23.36	26.75	29.56	32.95	37.29	39.55	45.20	50.85
m	max		4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.50	15.00
	min		3.70	4.70	5.70	6.42	7.42	8.42	9.10	9.90	10.90	12.40	13.90
m <sub>w</sub>	min		2.96	3.76	4.56	5.14	5.94	6.74	7.28	7.92	8.72	9.92	11.12
s	max=nominal size		13.00	16.00	18.00	21.00	24.00	27.00	30.00	34.00	36.00	41.00	46.00
	min		12.73	15.73	17.73	20.67	23.67	26.16	29.16	33.00	35.00	40.00	45.00

Thread Size			(M33)	M36	(M39)	M42	(M45)	M48	(M52)	M56	(M60)	M64
D			grade B									
P	Pitch	Fine thread, 1	2.00	3.00	3.00	3.00	3.00	3.00	4.00	4.00	4.00	4.00
		Fine thread, 2	/	/	/	/	/	/	/	/	/	/
d <sub>a</sub>	max		35.64	38.88	42.12	45.36	48.60	51.84	56.16	60.48	64.80	69.12
	min		33.00	36.00	39.00	42.00	45.00	48.00	52.00	56.00	60.00	64.00
d <sub>w</sub>	min		46.55	51.11	55.86	59.95	64.70	69.45	74.20	78.66	83.41	88.16
e	min		55.37	60.79	66.44	71.30	76.95	82.60	88.25	93.56	99.21	104.86
m	max		16.50	18.00	19.50	21.00	22.50	24.00	26.00	28.00	30.00	32.00
	min		15.40	16.90	18.20	19.70	21.20	22.70	24.70	26.70	28.70	30.40
m <sub>w</sub>	min		12.32	13.52	14.56	15.76	16.96	18.16	19.76	21.36	22.96	24.32
s	max=nominal size		50.00	55.00	60.00	65.00	70.00	75.00	80.00	85.00	90.00	95.00
	min		49.00	53.80	58.80	63.10	68.10	73.10	78.10	82.80	87.80	92.80