

Thread Size d		M6	M8	M10	M12	M16	M20	M24	M27	M30	M36	M42	M48
P	Pitch	1.00	1.25	1.50	1.75	2.00	2.50	3.00	3.00	3.50	4.00	4.50	5.00
a	Nominal Size	3.0	3.5	4.0	4.0	5.0	6.0	6.0	7.0	8.0	10.0	12.0	14.0
	max	3.125	3.650	4.150	4.150	5.150	6.150	6.150	7.180	8.180	10.180	12.215	14.215
	min	2.875	3.350	3.850	3.850	4.850	5.850	5.850	6.820	7.820	9.820	11.785	13.785
d_i	max	14	18	22	25	31	37	45	50	58	68	80	92
	min	13.73	17.73	21.67	24.67	30.61	36.61	44.61	49.61	57.54	67.54	79.54	91.46
d_a	min	6	8	10	12	16	20	24	27	30	36	42	48
	max	6.75	8.75	10.80	13.00	17.30	21.60	25.90	29.10	32.40	38.90	45.40	51.80
e	min	11.05	14.38	17.77	20.03	26.75	33.53	39.98	45.63	51.28	61.31	72.61	83.91
m	Nominal Size	9	12	15	18	24	30	36	40	45	54	63	72
	max	9.29	12.35	15.35	18.35	24.42	30.42	36.50	40.50	45.50	54.60	63.60	72.60
	min	8.71	11.65	14.65	17.65	23.58	29.58	35.50	39.50	44.50	53.40	62.40	71.40
s	max	10	13	16	18	24	30	36	41	46	55	65	75
	min	9.78	12.73	15.73	17.73	23.67	29.67	35.38	40.38	45.38	54.26	64.26	74.26
r	max	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
per 1000 units ≈ kg		5.0	12.4	25.5	36.5	71.0	135.0	230.0	320.0	470.0	810.0	1340.0	2040.0