

For Nominal Thread Diameter		M12	M16	M20	M22	M24	M24 A	M27	M27 A	M30	M30 A	M36	M36 A
d	min	13.00	17.00	21.00	23.00	25.00	25.00	28.00	28.00	31.00	31.00	37.00	37.00
	max	13.43	17.43	21.52	23.52	25.52	25.52	28.52	28.52	32.00	32.00	38.00	38.00
a	Nominal Size	26.00	32.00	40.00	44.00	56.00	56.00	56.00	56.00	62.00	62.00	68.00	68.00
	min	24.00	29.50	37.50	41.50	53.00	53.00	53.00	53.00	59.00	59.00	65.00	65.00
	max	28.00	34.50	42.50	46.50	59.00	59.00	59.00	59.00	65.00	65.00	71.00	71.00
b	Nominal Size	30.00	36.00	44.00	50.00	56.00	56.00	56.00	56.00	62.00	62.00	68.00	68.00
	min	29.35	35.20	43.20	49.20	55.05	55.05	55.05	55.05	61.05	61.05	67.05	67.05
	max	30.65	36.80	44.80	50.80	56.95	56.95	56.95	56.95	62.95	62.95	68.95	68.95
c	min=nominal size	1.60	1.60	2.00	2.00	2.00	2.00	2.50	2.50	2.50	2.50	3.00	3.00
	max	1.90	1.90	2.50	2.50	2.50	2.50	3.00	3.00	3.00	3.00	3.50	3.50
e ②		3.70	4.45	5.25	6.00	6.26	6.25	6.26	6.25	6.52	6.50	6.68	7.00
h	Nominal Size	4.90	5.90	7.00	8.00	8.50	7.65	8.50	7.65	9.00	8.05	9.40	8.70
	min	3.90	4.90	5.80	6.80	7.30	6.45	7.30	6.45	7.80	6.85	8.20	7.50
	max	5.90	6.90	8.20	9.20	9.70	8.85	9.70	8.85	10.20	9.25	10.60	9.90
r	≈	2.00	2.40	2.80	3.20	3.20	3.88	3.20	3.88	3.20	3.96	3.20	4.24
t	≈	0.70	0.80	0.90	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
per 1000 units ≈ kg		18.30	31.70	57.10	82.80	129.00	128.00	122.00	121.00	156.00	155.00	182.00	191.00

①, Inclination 8% ± 0.5%: two grooves.

Inclination 5% ± 0.5%: without grooves, shaped letter A in the designation.

②, Inclination 8%±0.5% : $e = h - 0.04 b$

Inclination 5%±0.5% : $e = h - 0.025 b$