

Thread Size d		M12	(M14)	M16	(M18)	M20	M22	M24	M27	M30	M36
P	Pitch	1.75	2.00	2.00	2.50	2.50	2.50	3.00	3.00	3.50	4.00
d <sub>a</sub>	max	13.00	15.10	17.30	19.50	21.60	23.70	25.90	29.10	32.40	38.90
	min	12.00	14.00	16.00	18.00	20.00	22.00	24.00	27.00	30.00	36.00
d <sub>w</sub> ①	min	20.10	21.86	24.90	27.70	29.50	33.30	38.00	42.80	46.60	55.90
e	min	23.91	27.12	29.56	32.95	35.03	39.55	45.20	50.85	55.37	66.44
m	max	10.80	12.80	14.80	15.80	18.00	19.40	21.50	23.80	25.60	31.00
	min	10.37	12.10	14.10	15.10	16.90	18.10	20.20	22.50	24.30	29.40
m <sub>w</sub>	min	8.30	9.70	11.30	12.10	13.50	14.50	16.20	18.10	19.50	22.40
c	max	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80	0.80
	min	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40
s	max	22.00	24.00	27.00	30.00	32.00	36.00	41.00	46.00	50.00	60.00
	min	21.16	23.16	26.16	29.16	31.00	35.00	40.00	45.00	49.00	58.80

①, dw (max) = s (actual)

②, For hot-dip galvanized nuts, the dimensions apply before galvanizing.