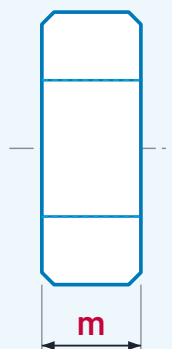
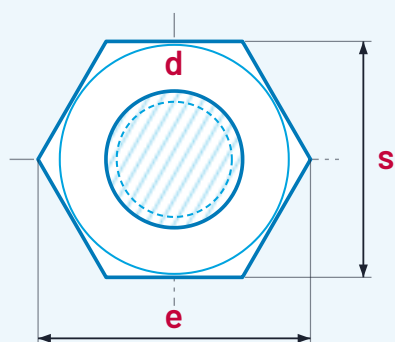


Hexagon thin nuts, chamfered

DIN 439-2 (form B, chamfered) · comparable to ISO 4035



LEGEND

d	Nominal thread diameter
P	Thread pitch
da	Transition diameter
dw	Bearing face diameter
e	Width across corners
m	Height of the nut
m'	Wrenching height
s	Width across flats

DIMENSIONS IN MM

THREAD D		M1.6	M1.8	M2	M2.5	M3	M3.5	M4	M5	M6
P		0.35	0.35	0.4	0.45	0.5	0.6	0.7	0.8	1
da	min.	1.6	1.8	2	2.5	3	3.5	4	5	6
	max.	1.84	2.06	2.3	2.9	3.45	4	4.6	5.75	6.75
dw	min.	2.4	2.7	3.1	4.1	4.6	5.1	5.9	6.9	8.9
e	min.	3.41	3.82	4.32	5.45	6.01	6.58	7.66	8.79	11.05
	max.	1	1.1	1.2	1.6	1.8	2	2.2	2.7	3.2
m	min.	0.75	0.85	0.95	1.35	1.55	1.75	1.95	2.45	2.9
	min.	0.6	0.68	0.76	1.06	1.24	1.4	1.56	1.96	2.32
s	max.	3.2	3.5	4	5	5.5	6	7	8	10
	min.	3.02	3.38	3.82	4.82	5.32	5.82	6.78	7.78	9.78

THREAD D		M8	M10	M12	M14	M16	M18	M20	M22	M24
P		1.25	1.5	1.75	2	2	2.5	2.5	2.5	3
Fine pitch		1	1 · 1.25	1.5 · 1.25	1.5	1.5	1.5 · 2	2 · 1.5	1.5 · 2	2 · 1.5
da	min.	8	10	12	14	16	18	20	22	24
	max.	8.75	10.8	13	15.1	17.3	19.5	21.6	23.7	25.9
dw	min.	11.6	15.6	17.4	20.5	22.5	24.9	27.7	29.5	33.2
e	min.	14.38	18.9	21.1	24.49	26.75	29.56	32.95	35.03	39.55
	max.	4	5	6	7	8	9	10	11	12
m	min.	3.7	4.7	5.7	6.42	7.42	8.42	9.1	9.9	10.9
	min.	2.96	3.76	4.56	5.14	5.94	6.74	7.28	7.92	8.72
s	max.	13	17	19	22	24	27	30	32	36
	min.	12.73	16.73	18.67	21.67	23.67	26.16	29.16	31	35

Form B (DIN 439-2) is chamfered; form A (DIN 439-1) has no chamfer.

Width across flats. ISO 4035 uses s = 16, 18, 21 and 34 mm for M10, M12, M14 and M22; this table has the DIN widths 17, 19, 22 and 32 mm.

Grades and finishes: configure at hbsfasteners.nl/products/hex-nuts.