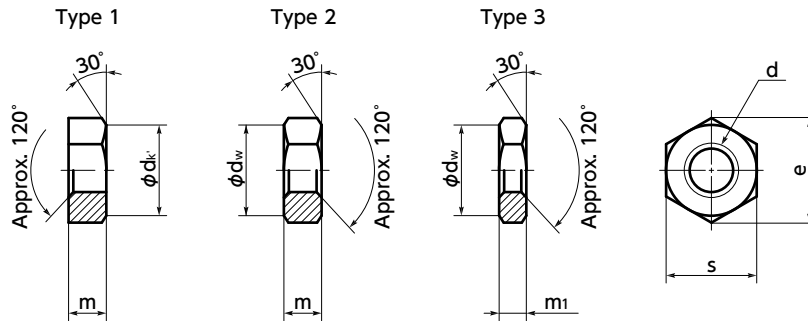


# Hexagon Nuts

Hexagon nut not depending on ISO 4032-4036 and ISO 8673-8675. Excerpt from JIS B 1181:2014

## Hexagon nut shape and dimension

Degree of finishing: Medium (Degree of finishing for below M6: High)



Unit: mm

Nominal diameter of thread (d)		m		m1		s		e	φdw • φdk
Coarse	Fine	Basic Dimension	Allowance	Basic Dimension	Allowance	Basic Dimension	Allowance	About	About
M2	—	1.6	0 -0.25	1.2	0 -0.25	4	0 -0.2	4.6	3.8
M2.5	—	2		1.6		5		5.8	4.7
M3	—	2.4		1.8		5.5		6.4	5.3
(M3.5)	—	2.8	0 -0.3	2	0 -0.3	6	0 -0.2	6.9	5.8
M4	—	3.2		2.4		7		8.1	6.8
M5	—	4	0 -0.48	3.2	0 -0.48	8	0 -0.6	9.2	7.8
M6	—	5		3.6		10		11.5	9.8
(M7)	—	5.5	0 -0.58	4.2	0 -0.58	11	0 -0.7	12.7	10.8
M8	M8×1	6.5		5		13		15	12.5
M10	M10×1.25	8		6		17		19.6	16.5
M12	M12×1.25	10	0 -0.7	7	0 -0.7	19	0 -0.8	21.9	18
(M14)	(M14×1.5)	11		8		22		25.4	21
M16	M16×1.5	13	0 -0.84	10	0 -0.84	24	0 -0.8	27.7	23
(M18)	(M18×1.5)	15		11		27		31.2	26
M20	M20×1.5	16		12		30		34.6	29
(M22)	(M22×1.5)	18	0 -1.0	13	0 -1.0	32	0 -1.0	37	31
M24	M24×2	19		14		36		41.6	34
(M27)	(M27×2)	22	0 -1.2	16	0 -1.2	41	0 -1.2	47.3	39
M30	M30×2	24		18		46		53.1	44
(M33)	(M33×2)	26		20		50		57.7	48
M36	M36×3	29	0 -1.4	21	0 -1.4	55	0 -1.4	63.5	53
(M39)	(M39×3)	31		23		60		69.3	57
M42	—	34	0 -1.0	25	0 -1.0	65	0 -1.2	75	62
(M45)	—	36		27		70		80.8	67
M48	—	38		29		75		86.5	72
(M52)	—	42	0 -1.0	31	0 -1.0	80	0 -1.4	92.4	77
M56	—	45		34		85		98.1	82
(M60)	—	48	0 -1.2	36	0 -1.2	90	0 -1.4	104	87
M64	—	51		38		95		110	92

Remark: Avoid using those with any nominal diameter of screw in parentheses as long as possible.