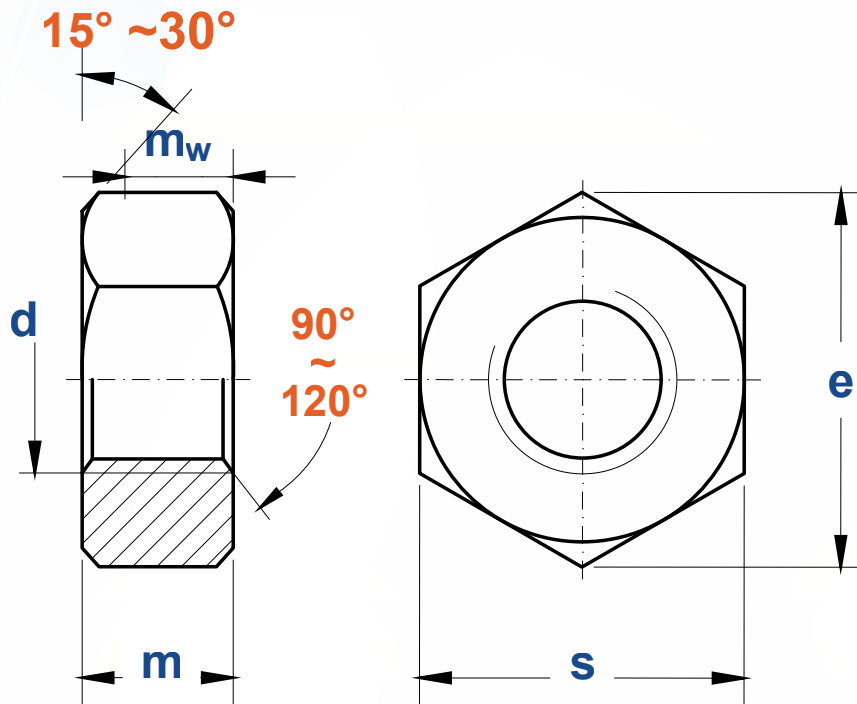


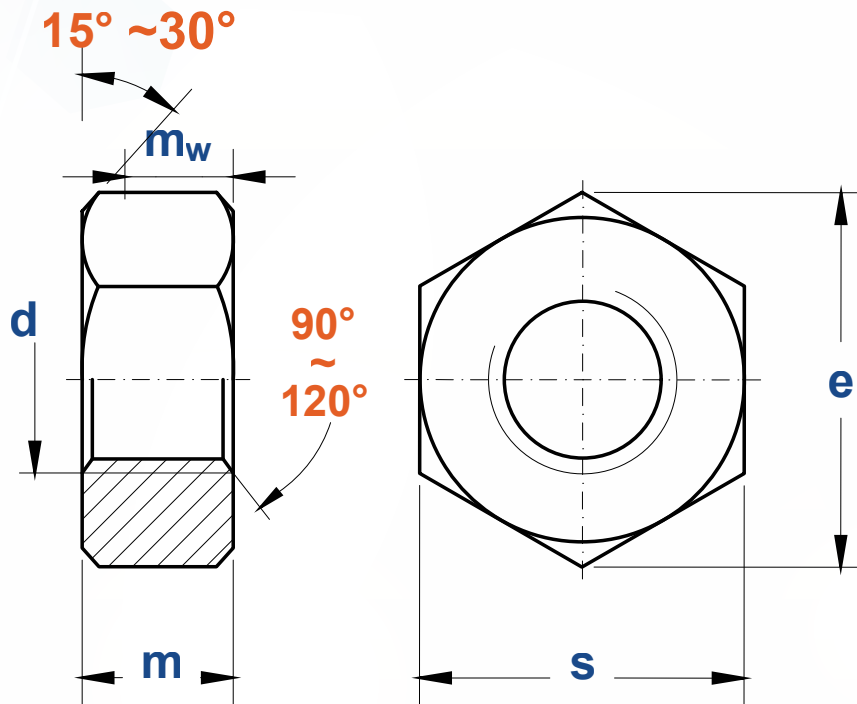


Thread Size d		M5	M6	(M7)	M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24
P	Pitch	0.8	1	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3
e	min	8.63	10.89	11.94	14.20	17.59	19.85	22.78	26.17	29.56	32.95	37.29	39.55
m	max	5.6	6.4	8.3	7.9	9.5	12.2	13.9	15.9	16.9	19	20.2	22.3
	min	4.4	4.9	6.1	6.4	8	10.4	12.1	14.1	15.1	16.9	18.1	20.2
m_w	min	3.50	3.90	5.50	5.10	6.40	8.30	9.70	11.30	12.10	13.50	14.50	16.20
s	max=nominal size	8	10	11	13	16	18	21	24	27	30	34	36
	min	7.64	9.64	10.57	12.57	15.57	17.57	20.16	23.16	26.16	29.16	33	35

①. Material:

a) Steel, Property class: M5≤ d ≤M39 : 5.6 ; dM39: Mechanical properties as agreed (For information see ISO / TR 16224); Standard: ISO 898-2

b) 5, 6 Nut shall be made of steel conforming to the chemical composition C≤0.5, P≤0.06, S≤0.15. Nuts of these property classes may be manufactured from free-cutting steel. In such cases, the following maximum sulfur, phosphorus, and lead contents are permissible: sulfur 0.34%; phosphorus 0.11%; lead 0.35%



Thread Size d		(M27)	M30	(M33)	M36	(M39)	M42	(M45)	M48	(M52)	M56	(M60)	M64
P	Pitch	3	3.5	3.5	4	4	4.5	4.5	5	5	5.5	5.5	6
e	min	45.20	50.85	55.37	60.79	66.44	71.30	76.95	82.60	88.25	93.56	99.21	104.86
m	max	24.7	26.4	29.5	31.9	34.3	34.9	36.9	38.9	42.9	45.9	48.9	52.4
	min	22.5	24.3	27.4	29.4	31.8	32.4	34.4	36.4	40.4	43.4	46.4	49.1
m_w	min	18	19.40	21.90	23.20	25.40	25.90	27.50	29.10	32.30	34.70	37.10	39.3
s	max=nominal size	41	46	50	55	60	65	70	75	80	85	90	95
	min	40	45	49	53.8	58.8	63.1	68.1	73.1	78.1	82.8	87.8	92.8

①. Material:

a) Steel, Property class: $M5 \leq d \leq M39$: 5,6 ; $dM39$: Mechanical properties as agreed (For information see ISO / TR 16224); Standard: ISO 898-2

b) 5, 6 Nut shall be made of steel conforming to the chemical composition $C \leq 0.5$, $P \leq 0.06$, $S \leq 0.15$. Nuts of these property classes may be manufactured from free-cutting steel. In such cases, the following maximum sulfur, phosphorus, and lead contents are permissible: sulfur 0.34%; phosphorus 0.11%; lead 0.35%