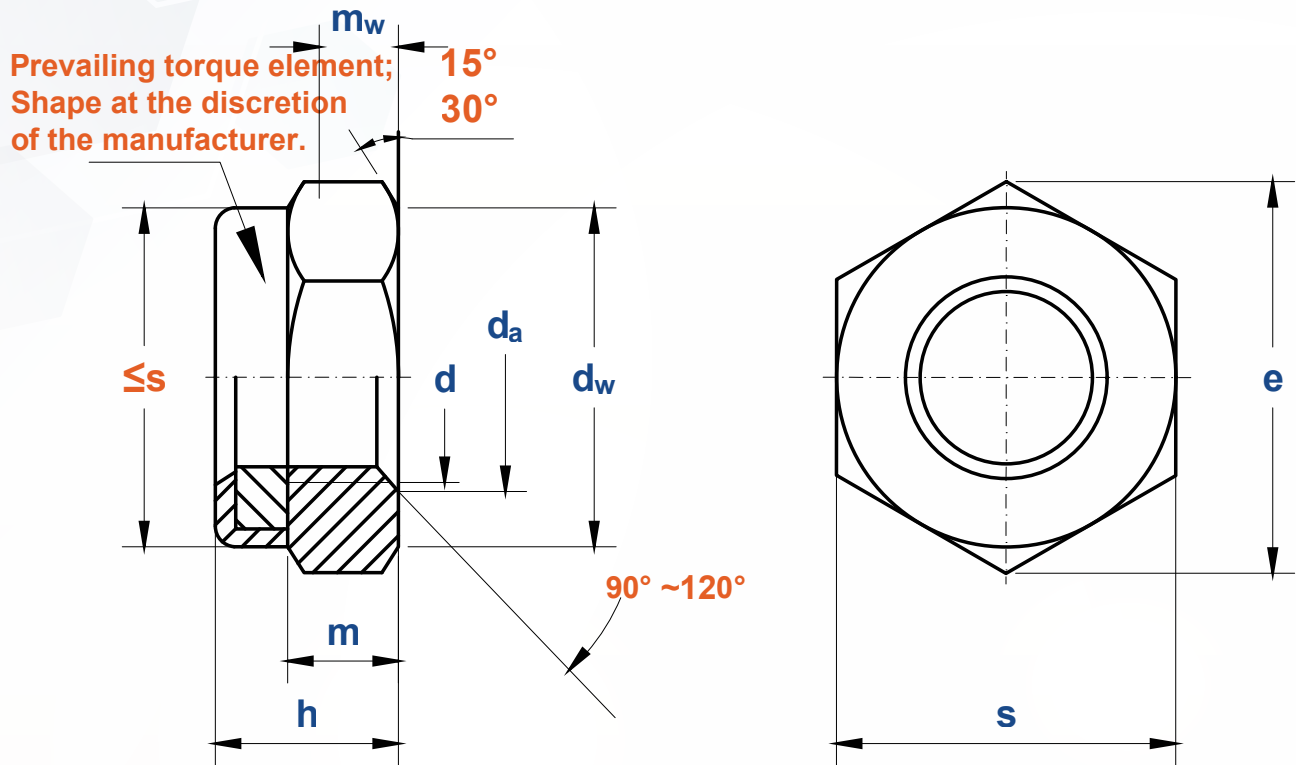




Thread Size d			M3	M4	M5	M6	M7	M8	M10	M12	M14	M16	M18
P	Pitch	Coarse thread	0.5	0.7	0.8	1	1	1.25	1.5	1.75	2	2	2.5
		Fine thread 1	/	/	/	/	/	1	1	1.5	1.5	1.5	2
		Fine thread 2	/	/	/	/	/	/	1.25	1.25	/	/	1.5
d _a	min	3	4	5	6	7	8	10	12	14	16	18	
	max	3.45	4.6	5.75	6.75	7.75	8.75	10.8	13	15.1	17.3	19.5	
d _w	min	4.6	5.9	6.9	8.9	9.6	11.6	15.6	17.4	20.5	22.5	24.9	
e	min	6.01	7.66	8.79	11.05	12.12	14.38	18.9	21.1	24.49	26.75	29.56	
h	max=nominal size	4	5	5	6	7.5	8	10	12	14	16	18.5	
	min	3.7	4.7	4.7	5.7	7.14	7.64	9.64	11.57	13.3	15.3	17.66	
m	min	2.4	2.9	3.2	4	4.7	5.5	6.5	8	9.5	10.5	13	
m _w	min	1.65	2.2	2.75	3.3	3.85	4.4	5.5	6.6	7.7	8.8	9.9	
s	max=nominal size	5.5	7	8	10	11	13	17	19	22	24	27	
	min	5.32	6.78	7.78	9.78	10.73	12.73	16.73	18.67	21.67	23.67	26.16	
per 1000 units≈kg			0.5	1	1.4	2.4	3	5.1	10.6	17.2	26	34	45

①, Product Grade:

≤ M 16: Class A

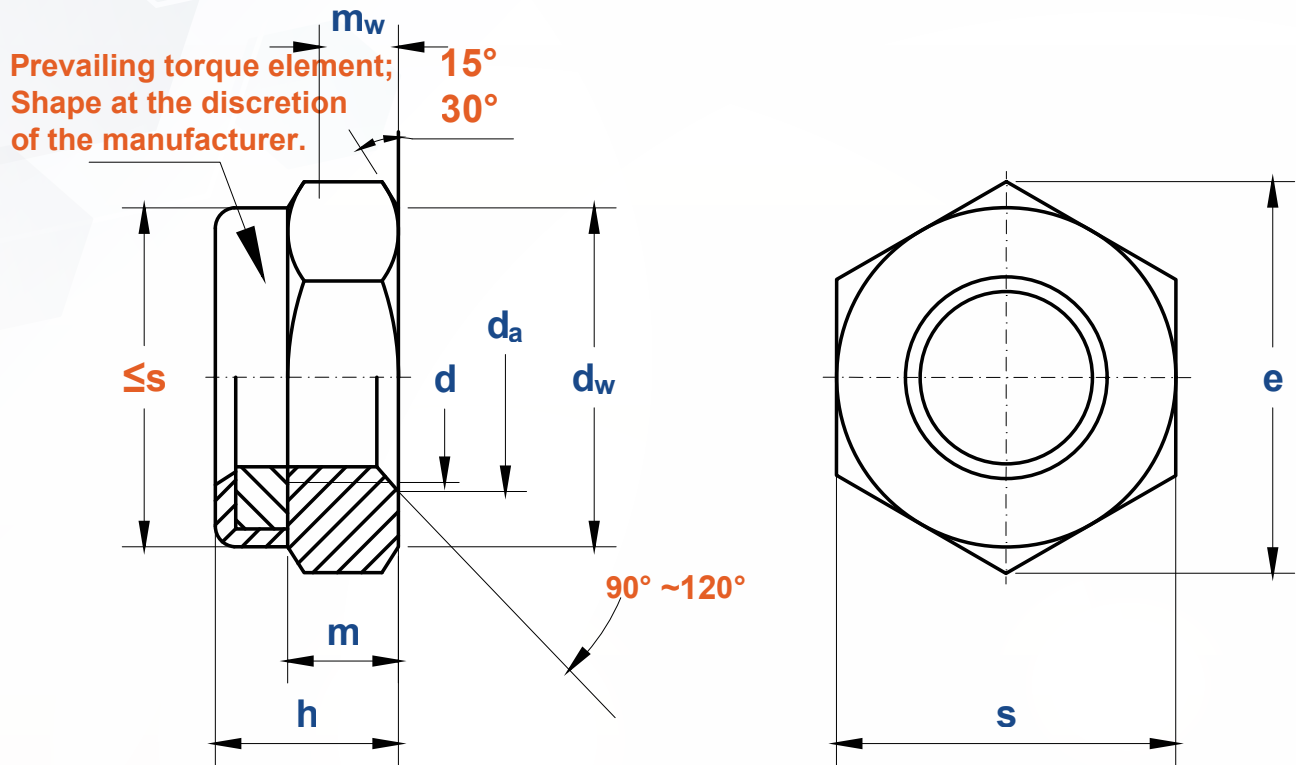
> M 16: Class B

②, Material:

Steel, Property class: ≤ M39: 5, 6*, 8, 10; > M39: By Agreement. Standard DIN 267-4

* Only for nuts with a fine thread

Material (insert): Nonmetallic, e.g. polyamide



Thread Size d			M20	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48
P	Pitch	Coarse thread	2.5	2.5	3	3	3.5	3.5	4	4	4.5	4.5	5
		Fine thread 1	2	2	2	2	2	2	3	3	3	3	3
		Fine thread 2	1.5	1.5	/	/	/	/	/	/	/	/	/
d _a	min	20	22	24	27	30	33	36	39	42	45	48	
	max	21.6	23.7	25.9	29.1	32.4	35.6	38.9	42.1	45.4	48.6	51.8	
d _w	min	27.7	29.5	33.2	38	42.7	46.6	51.1	55.9	60.6	64.7	69.4	
e	min	32.95	35.03	39.55	45.2	50.85	55.37	60.79	66.44	72.09	76.95	82.6	
h	max=nominal size	20	22	24	27	30	33	36	39	42	45	48	
	min	18.7	20.7	22.7	25.7	28.7	31.4	34.4	37.4	40.4	43.4	46.4	
m	min	14	15	15	17	19	22	25	27	29	32	36	
m _w	min	11	12.2	13.2	14.8	16.5	18.2	19.8	21.5	23.1	24.8	26.5	
s	max=nominal size	30	32	36	41	46	50	55	60	65	70	75	
	min	29.16	31	35	40	45	49	53.8	58.8	63.8	68.1	73.1	
per 1000 units≈kg			65	75	100	162	212	317	415	499	628	771	998

①, Product Grade:

≤ M 16: Class A

> M 16: Class B

②, Material:

Steel, Property class: ≤ M39: 5, 6*, 8, 10; > M39: By Agreement. Standard DIN 267-4

* Only for nuts with a fine thread

Material (insert): Nonmetallic, e.g. polyamide