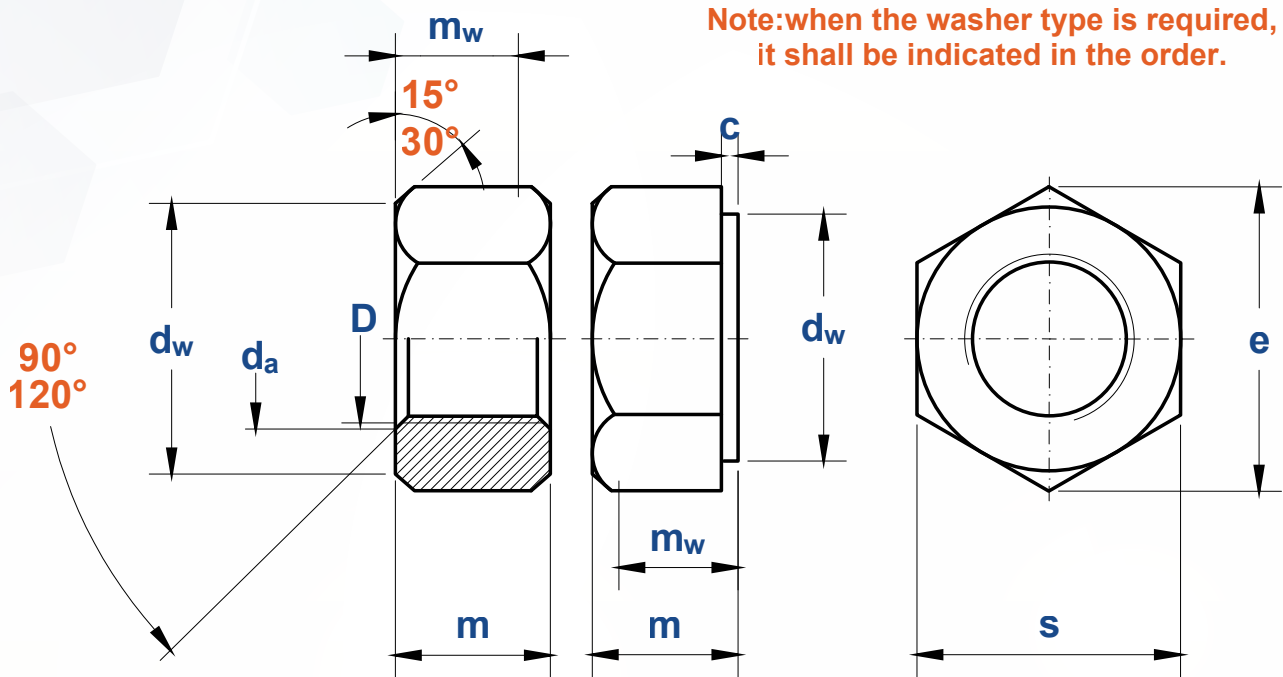
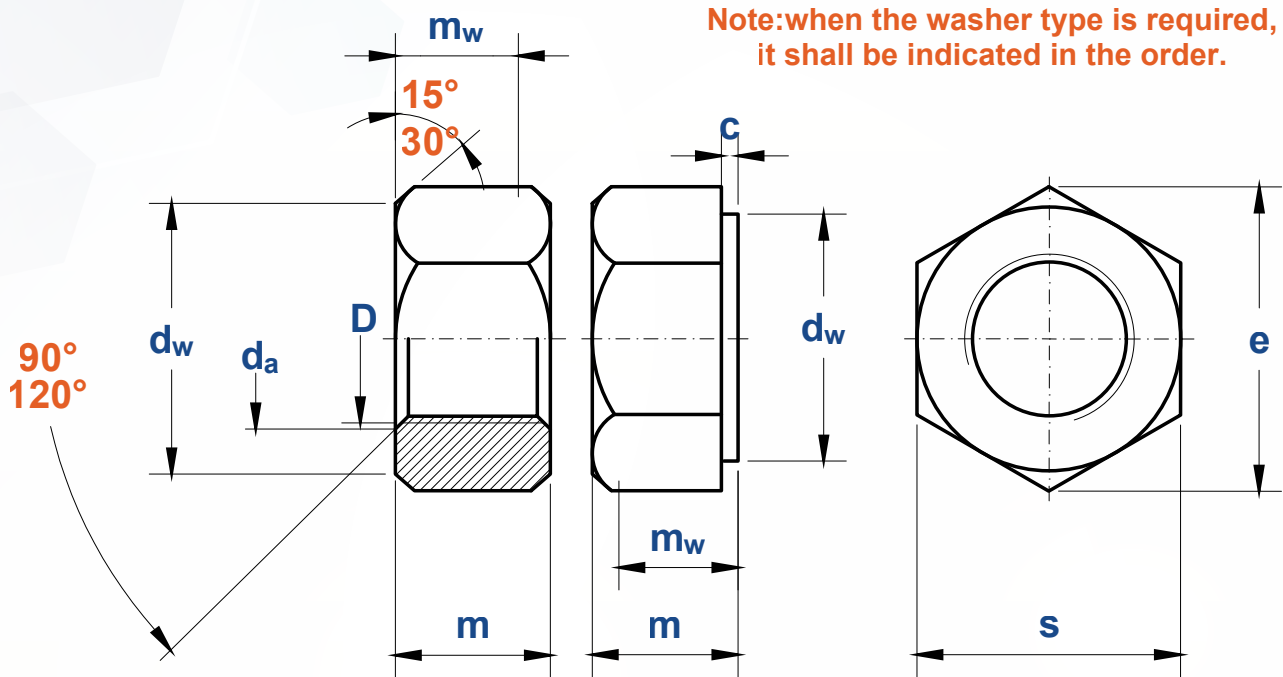




Thread Size D			M8 Grade A	M10 Grade A	M12 Grade A	(M14) Grade A	M16 Grade A	(M18) Grade B	M20 Grade B	(M22) Grade B	M24 Grade B	(M27) Grade B	M30 Grade B
P	Pitch	Fine thread-1	1	1.25	1.5	1.5	1.5	2	2	2	2	2	2
		Fine thread-2	/	(1)	(1.25)	/	/	(1.5)	(1.5)	(1.5)	/	/	/
c	max		0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.8	0.8	0.8	0.8
	min		0.15	0.15	0.15	0.15	0.2	0.2	0.2	0.2	0.2	0.2	0.2
d _a	max		8.75	10.8	12.96	15.12	17.28	19.44	21.6	23.76	25.92	29.16	32.4
	min		8	10	12	14	16	18	20	22	24	27	30
d _w	min		11.63	14.63	16.63	19.64	22.49	24.85	27.7	31.35	33.25	38	42.75
e	min		14.38	17.77	20.03	23.36	26.75	29.56	32.95	37.29	39.55	45.2	50.85
m	max		6.8	8.4	10.8	12.8	14.8	15.8	18	19.4	21.5	23.8	25.6
	min		6.44	8.04	10.37	12.1	14.1	15.1	16.9	18.1	20.2	22.5	24.3
m _w	min		5.15	6.43	8.3	9.68	11.28	12.08	13.52	14.48	16.16	18	19.44
s	max=nominal size		13	16	18	21	24	27	30	34	36	41	46
	min		12.73	15.73	17.73	20.67	23.67	26.16	29.16	33	35	40	45



Thread Size D			(M33) Grade B	M36 Grade B	(M39) Grade B	M42 Grade B	(M45) Grade B	M48 Grade B	(M52) Grade B	M56 Grade B	(M60) Grade B	M64 Grade B
P	Pitch	Fine thread-1	2	3	3	3	3	3	4	4	4	4
		Fine thread-2	/	/	/	/	/	/	/	/	/	/
c	max		0.8	0.8	1	1	1	1	1	1	1	1
	min		0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
d _a	max		35.64	38.88	42.12	45.36	48.6	51.84	56.16	60.48	64.8	69.12
	min		33	36	39	42	45	48	52	56	60	64
d _w	min		46.55	51.11	55.86	59.95	64.7	69.45	74.2	78.66	83.41	88.16
e	min		55.37	60.79	66.44	71.3	76.95	82.6	88.25	93.56	99.21	104.86
m	max		28.7	31	33.4	34	36	38	42	45	48	51
	min		27.4	29.4	31.8	32.4	34.4	36.4	40.4	43.4	46.4	49.1
m _w	min		21.92	23.52	25.44	25.92	27.52	29.12	32.32	34.72	37.12	39.28
s	max=nominal size		50	55	60	65	70	75	80	85	90	95
	min		49	53.8	58.8	63.1	68.1	73.1	78.1	82.8	87.8	92.8