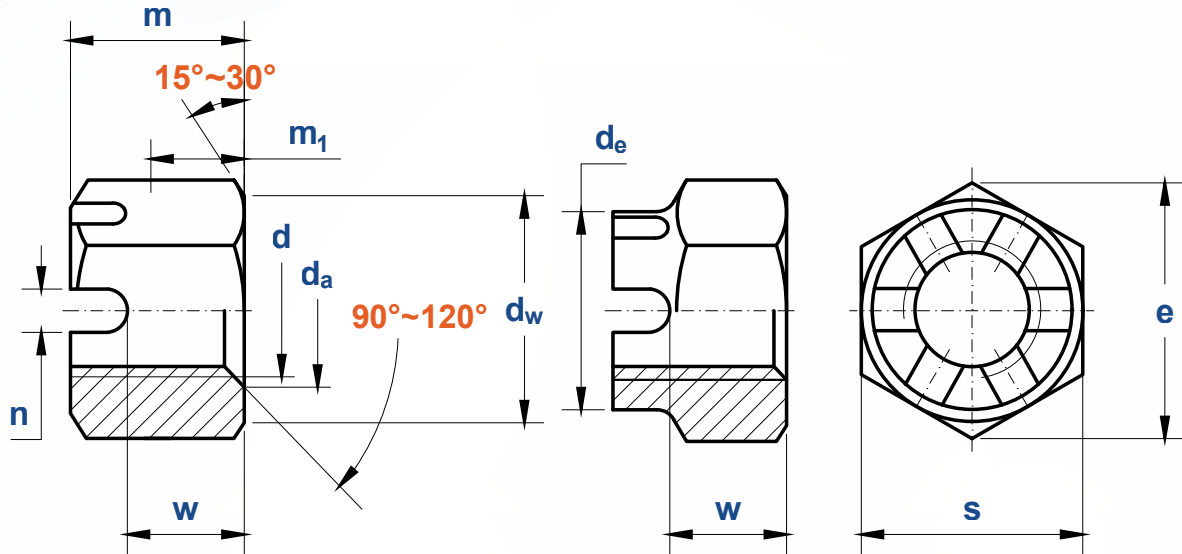


$d \leq M10$

$d \geq M12$



Thread Size d		M4	M5	M6	(M7)	M8	M10 SW16	M10 SW17	M12 SW18	M12 SW19	(M14) SW21	(M14) SW22	M16
P	Pitch (Coarse thread)	0.7	0.8	1	1	1.25	1.5	1.5	1.75	1.75	2	2	2
	Fine thread	-	-	-	-	1	1.25	1.25	1.5	1.5	1.5	1.5	1.5
	Fine thread	-	-	-	-	-	1	1	1.25	1.25	-	-	-
da	min	4	5	6	7	8	10	10	12	12	14	14	16
	max	4.6	5.75	6.75	7.75	8.75	10.8	10.8	13	13	15.1	15.1	17.3
de	max	/	/	/	/	/	/	/	16	17	18	19	22
	min	/	/	/	/	/	/	/	15.57	16.57	17.57	18.48	21.48
dw	min	5.8	6.8	8.8	9.5	11.3	14.3	15.3	16.2	17.2	19.2	20.2	22.2
e	min	7.66	8.79	11.05	12.12	14.38	17.77	18.9	20.03	21.1	23.35	24.49	26.75
m	max=nominal size	5	6	7.5	8	9.5	12	12	15	15	16	16	19
	min	4.7	5.7	7.14	7.64	9.14	11.57	11.57	14.57	14.57	15.57	15.57	18.48
m1		2.3	3	3.8	4.2	4.9	6.1	6.1	7.7	7.7	8.2	8.2	9.8
n	min	1.2	1.4	2	2	2.5	2.8	2.8	3.5	3.5	3.5	3.5	4.5
	max	1.45	1.65	2.25	2.25	2.75	3.05	3.05	3.8	3.8	3.8	3.8	4.8
s	max=nominal size	7	8	10	11	13	16	17	18	19	21	22	24
	min	6.78	7.78	9.78	10.73	12.73	15.73	16.73	17.73	18.67	20.67	21.67	23.67
w	min	2.9	3.7	4.7	5.2	6.14	7.64	7.64	9.64	9.64	10.57	10.57	12.57
	max	3.2	4	5	5.5	6.5	8	8	10	10	11	11	13
Series ②	Split Pin as in DIN 94	1x10	1.2x12	1.6x14	1.6x14	2x16	2.5x20	2.5x20	3.2x22	3.2x22	3.2x25	3.2x25	4x28
per 1000 units ≈ kg		1.12	2.3	3.16	3.96	7.35	15.8	15.8	20	20	27	27	38.9

①, Number of Slots :

≤M39: 6

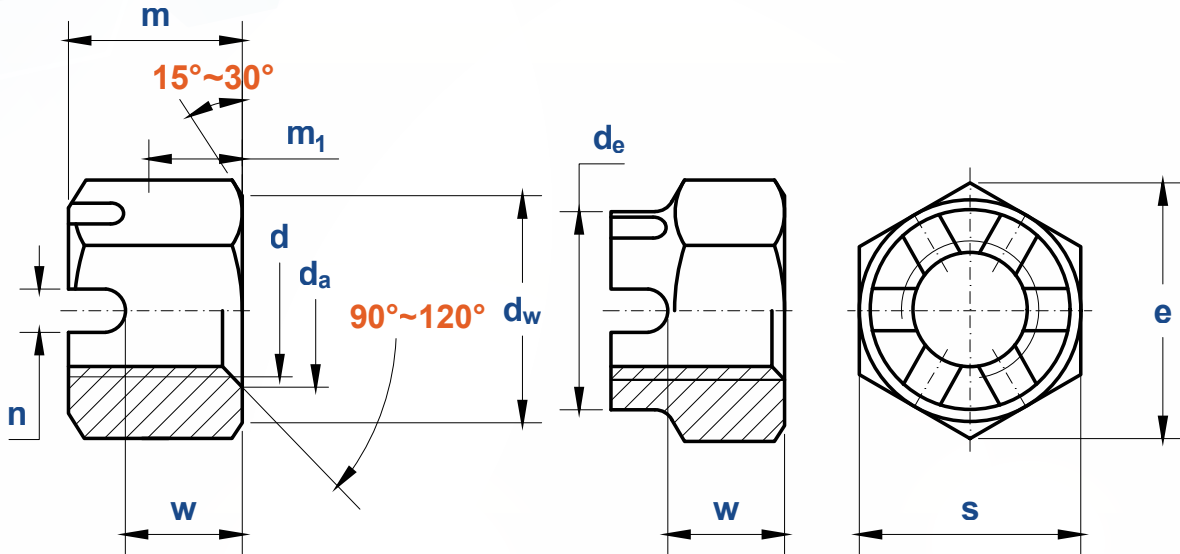
M42-M68: 8

≥M72: 10

②, The split pin lengths have been given for guidance only.

$d \leq M10$

$d \geq M12$



Thread Size d		(M18)	M20	(M22) SW32	(M22) SW34	M24	(M27)	M30	(M33)	M36	(M39)	M42	(M45)
P	Pitch (Coarse thread)	2.5	2.5	2.5	2.5	3	3	3.5	3.5	4	4	4.5	4.5
	Fine thread	1.5	2	1.5	1.5	2	2	2	2	3	3	3	3
	Fine thread	2	1.5	2	2	-	-	-	-	-	-	-	-
da	min	18	20	22	22	24	27	30	33	36	39	42	45
	max	19.5	21.6	23.8	23.8	25.9	29.2	32.4	35.6	38.9	42.1	45.4	48.6
de	max	25	28	30	32	34	38	42	46	50	55	58	62
	min	24.3	27.3	29.3	31	33	37	41	45	49	53.8	56.8	60.8
dw	min	24.8	27.7	29.5	31.3	33.2	38	42.7	46.6	51.1	55.9	60.6	64.7
e	min	29.56	32.95	35.03	37.29	39.55	45.2	50.85	55.37	60.79	66.44	71.3	76.95
m	max=nominal size	21	22	26	26	27	30	33	35	38	40	46	48
	min	20.16	21.16	25.16	25.16	26.16	29.16	32	34	37	39	45	47
m1		11.2	11.9	13.5	13.5	14.2	16.6	18.2	19.8	21.9	23.5	25.9	27.5
n	min	4.5	4.5	5.5	5.5	5.5	5.5	7	7	7	7	9	9
	max	4.8	4.8	5.8	5.8	5.8	5.8	7.36	7.36	7.36	7.36	9.36	9.36
s	max=nominal size	27	30	32	34	36	41	46	50	55	60	65	70
	min	26.16	29.16	31	33	35	40	45	49	53.8	58.8	63.1	68.1
w	min	14.57	15.57	17.57	17.57	18.48	21.48	23.48	25.48	28.48	30.28	33.38	35.38
	max	15	16	18	18	19	22	24	26	29	31	34	36
Series ②	Split Pin as in DIN 94	4x32	4x36	5x36	5x36	5x40	5x45	6.3x50	6.3x56	6.3x63	6.3x71	8x71	8x80
per 1000 units ≈ kg		57.5	75.2	93	93	131	192	264	333	447	584	710	860

①, Number of Slots :

≤M39: 6

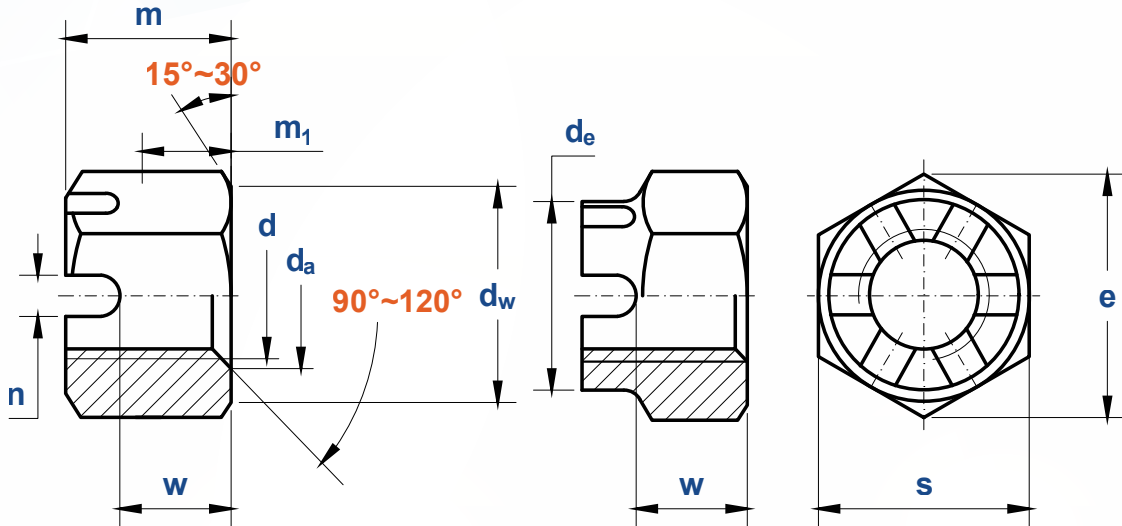
M42-M68: 8

≥M72: 10

②, The split pin lengths have been given for guidance only.

$d \leq M10$

$d \geq M12$



Thread Size d		M48	(M52)	M56	(M60)	M64	(M68)	M72	(M76)	M80	(M85)	M90	M100
P	Pitch (Coarse thread)	5	5	5.5	5.5	6	6	-	-	-	-	-	-
	Fine thread	3	3	4	4	4	4	6	6	6	6	6	6
	Fine thread	-	-	-	-	-	-	4	4	4	4	4	4
da	min	48	52	56	60	64	68	72	76	80	85	90	100
	max	51.8	56.2	61	64.8	69.1	73.4	77.8	82.1	86.4	91.8	97.2	108
de	max	65	70	75	80	85	90	95	100	105	110	120	130
	min	63.8	68.8	73.8	78.8	83.6	88.6	93.6	98.6	103.6	108.6	118.6	128.4
dw	min	69.4	74.2	78.7	83.4	88.2	92.9	97.7	102.4	107.2	111.9	121.1	135.4
e	min	82.6	88.25	93.56	99.21	104.86	110.51	116.16	121.81	127.46	133.11	144.08	161.02
m	max=nominal size	50	54	57	63	66	69	73	76	79	88	92	100
	min	49	52.8	55.8	61.8	64.8	67.8	71.8	74.8	77.8	86.6	90.6	98.6
m1		29.1	32.3	34.7	37.1	39.3	41.7	44.9	47.3	49.7	52.9	56.1	62.5
n	min	9	9	9	11	11	11	11	11	11	14	14	14
	max	9.36	9.36	9.36	11.43	11.43	11.43	11.43	11.43	11.43	14.43	14.43	14.43
s	max=nominal size	75	80	85	90	95	100	105	110	115	120	130	145
	min	73.1	78.1	82.8	87.8	92.8	97.8	102.8	107.8	112.8	117.8	127.5	142.5
w	min	37.38	41.38	44.38	47.38	50.26	53.26	57.26	60.26	63.26	67.26	71.26	79.26
	max	38	42	45	48	51	54	58	61	64	68	72	80
Series ②	Split Pin as in DIN 94	8x80	8x90	8x100	10x100	10x100	10x112	10x112	10x125	10x140	13x140	13x140	13x160
per 1000 units ≈ kg		1060	1300	1500	1800	2150	2500	2900	3300	3700	4100	5450	7600

①, Number of Slots :

≤M39: 6

M42~M68: 8

≥M72: 10

②, The split pin lengths have been given for guidance only.