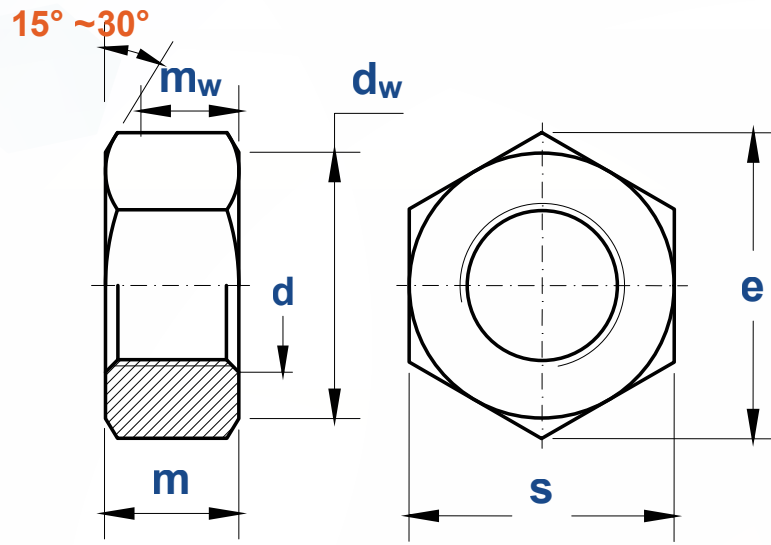




Screw Thread d		M5	M6	M8	M10	M12	M16	M20	(M22)	M24	(M27)	M30	(M33)	M36
P	Pitch	0.8	1	1.25	1.5	1.75	2	2.5	2.5	3	3	3.5	3.5	4
d_w	min	6.7	8.7	11.5	15.5	17.2	22	27.7	29.5	33.2	38	42.7	46.5	51.1
e	min	8.63	10.89	14.2	18.72	20.88	26.17	32.95	35.03	39.55	45.2	50.85	55.37	60.79
m	Nominal Size	4	5	6.5	8	10	13	16	18	19	22	24	26	29
	max	4.6	5.6	7.25	8.75	10.75	13.9	16.9	18.9	20.05	23.05	25.05	27.05	30.05
	min	3.4	4.4	5.75	7.25	9.25	12.1	15.1	17.1	17.95	20.95	22.95	24.95	27.95
m_w	min	2.7	3.5	4.6	5.8	7.4	9.7	12.1	13.7	14.4	16.8	18.4	20	22.4
s	max=nominal size	8	10	13	17	19	24	30	32	36	41	46	50	55
	min	7.64	9.64	12.57	16.57	18.48	23.16	29.16	31	35	40	45	49	53.8
per 1000 units $\approx$ kg		1.11	2.32	4.62	10.9	15.9	30.8	60.3	80.2	103	154	216	271	369

Screw Thread d		(M39)	M42	(M45)	M48	(M52)	M56	(M60)	M64	M72	M80	M90	M100
P	Pitch	4	4.5	4.5	5	5	5.5	6	6	6	6	6	6
d_w	min	55.9	59.9	64.7	69.4	74.2	78.7	83.4	88.2	97.7	107.2	121.1	135.4
e	min	66.44	71.3	76.95	82.6	88.25	93.56	99.23	104.86	116.16	127.46	144.08	161.02
m	Nominal Size	31	34	36	38	42	45	48	51	58	64	72	80
	max	32.25	35.25	37.25	39.25	43.25	46.25	49.25	52.5	59.5	65.5	73.5	81.5
	min	29.75	32.75	34.75	36.75	40.75	43.75	46.75	49.5	56.5	62.5	70.5	78.5
m_w	min	23.8	26.2	27.8	29.4	32.6	35	37.4	39.6	45.2	50	56.4	62.8
s	max=nominal size	60	65	70	75	80	85	90	95	105	115	130	145
	min	58.8	63.1	68.1	73.1	78.1	82.8	87.8	92.8	102.8	112.8	127.5	142.5
per 1000 units $\approx$ kg		472	610	750	924	1130	1350	1600	1880	2520	3260	4680	6430

①. Material:

a) Steel, Property class (material): $d \leq 39\text{mm}$: 5 ; $16\text{mm} < d \leq 39\text{mm}$: 4 ; $d > 39\text{mm}$ by agreement; Standard: DIN 267-4

b) Non-cutting working: nuts of material chemical composition: Property class 5 and 6: $C \leq 0.5$, $P \leq 0.11$, $S \leq 0.15$. Standard DIN 267-4-1983

c) Machining from free-cutting steel: nuts of material chemical composition: Property class 5 AU and 6 AU: $C \leq 0.5$; $P \leq 0.12$; $Pb \leq 0.35$; $S \leq 0.34$. Standard DIN 267-4-1983