

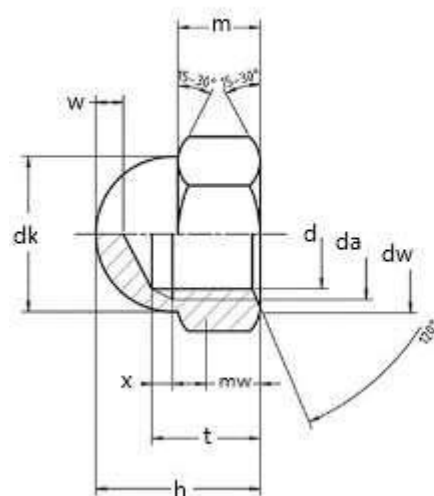


Product Dimensions, Standards and Weights

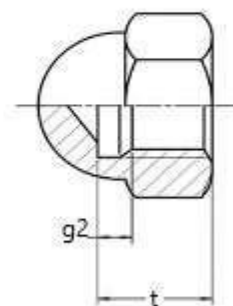
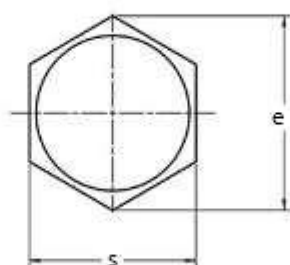
DIN 1587 Technical Specifications

Metric DIN 1587 Hexagon Domed Cap Nuts

size up to M10



size M12 and above



Dimensions of Metric DIN 1587 Hexagon Domed Cap Nuts

thread	Series 1	M4	M5	M6	M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24
	Series 2	-	-	-	M8x1	M10x1	M12x1.5	(M14x1.5)	(M16x1.5)	(M18x1.5)	M20x2	(M22x1.5)	M24x2
	Series 3	-	-	-	-	M10x1.25	M12x1.25	-	-	(M18x2)	M20x1.5	(M22x2)	-
P	Series 1	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3
da	min.	4	5	6	8	10	12	14	16	18	20	22	24
	max.	4.6	5.75	6.75	8.75	10.8	13	15.1	17.3	19.5	21.6	23.7	25.9
dk	max.	6.5	7.5	9.5	12.5	15	17	20	23	26	28	33	34
dw	min.	5.9	6.9	8.9	11.6	14.6	16.6	19.6	22.5	24.9	27.7	31.4	33.3
e min.	Product grade A	7.66	8.79	11.05	14.38	17.77	20.03	23.35	26.75	30.14	33.53	37.72	39.98
	Product grade B	7.5	8.63	10.89	14.2	17.59	19.85	22.78	26.17	29.56	32.95	37.29	39.55
x max.	Series 1	1.4	1.6	2	2.5	3	-	-	-	-	-	-	-
	Series 2	-	-	-	2	2	-	-	-	-	-	-	-
	Series 3	-	-	-	-	2.5	-	-	-	-	-	-	-



thread	Series 1	M4	M5	M6	M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24
	Series 2	-	-	-	M8x1	M10x1	M12x1.5	(M14x1.5)	(M16x1.5)	(M18x1.5)	M20x2	(M22x1.5)	M24x2
	Series 3	-	-	-	-	M10x1.25	M12x1.25	-	-	(M18x2)	M20x1.5	(M22x2)	-
g2 max.	Series 1	-	-	-	-	-	6.4	7.3	7.3	9.3	9.3	9.3	10.7
da	Series 2	-	-	-	-	-	5.6	5.6	5.6	5.6	7.3	5.6	7.3
	Series 3	-	-	-	-	-	4.9	-	-	7.3	5.6	7.3	-
h	max. nominal size	8	10	12	15	18	22	25	28	32	34	39	42
dw	min. P. grade A	7.64	9.64	11.57	14.57	17.57	21.48	24.48	27.48	32.38	33.38	38.38	41.38
e min. m	min. P. grade B	7.42	9.42	11.3	14.3	17.3	21.16	24.16	27.16	31	33	38	41
	max.	3.2	4	5	6.5	88	10	11	13	15	16	18	19
x max. Mw r	min.	2.9	3.7	4.7	6.14	7.64	9.64	10.3	12.3	14.3	14.9	16.9	17.7
	min.	2.32	2.96	3.76	4.91	6.11	7.71	8.24	9.84	11.44	11.92	13.52	14.16
	approx.	3.25	3.75	4.75	6.25	7.5	8.5	10	11.5	13	14	16.5	17
s	Max. = nominal size	7	8	10	13	16	18	21	24	27	30	34	36
	min. P. grade A	6.78	7.78	9.78	12.73	15.73	17.73	20.67	23.67	26.67	29.67	33.38	35.38
	min. P. grade B	6.64	7.64	9.64	12.57	15.57	17.57	20.16	23.16	26.16	29.16	33	35
t w	min.	5.26	7.21	7.71	10.65	12.65	15.65	17.65	20.58	24.58	25.58	28.58	30.5
	max.	5.74	7.79	8.29	11.35	13.35	16.35	18.35	21.42	25.42	26.42	29.42	31.5
	min.	2	2	2	2	2	3	4	4	5	5	5	6
Weight kg/1000pcs		-	-	4.66	11	20.1	28.3	-	54.3	95	104	-	216

Metric DIN 1587 hexagon domed cap nuts are often referred to as acorn cap nuts. These nuts have a smooth rounded head that covers the hex nut base. The domed surface protects the bolt threads underneath while providing a finished appearance and may improve safety in certain circumstances. Unique Fasteners offers one of the most complete ranges of metric nuts and other inch and metric industrial fasteners for immediate delivery from stock. The following sizes of metric DIN 1587 hexagon domed cap nuts are available for immediate shipping from stock: Diameters ranging from M4 to M30 in 303, A2 and marine grade A4 stainless steel in coarse and fine threads.