



DIN 1587 Cap Nut

Leader-Fastener is a manufacturer and distributor of **DIN 1587 Cap Nut**. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We persist in good quality as the first policy and have established a set of quality control and inspection system according to the international standard. We have carried out ISO9001 Quality Guarantee System in every course of production, transportation and selling. We do hope we could be your partner in business by topping quality, knight service and

competitive price in the near future and be your friends as well.

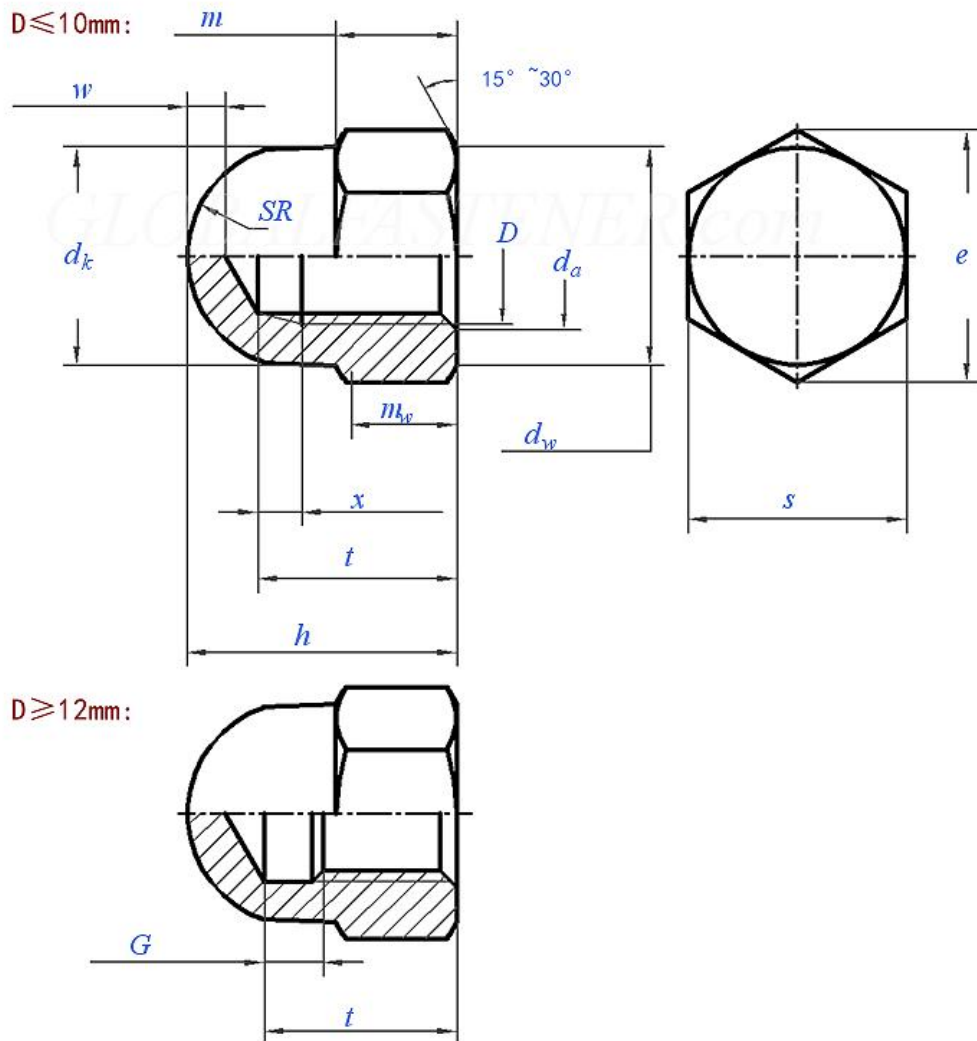
Metric **DIN 1587 Cap Nut** are often referred to as acorn cap nuts. These nuts have a smooth rounded head that covers the hex nut base. The domed surface protects the bolt threads underneath while providing a finished appearance and may improve safety in certain circumstances. Cap nuts are mainly used for decorative screw connections. The cap nut covers and protects the thread end. They are also used to protect against sharp edges on machines, equipment, fitness equipment and wherever people or objects could be injured or damaged by an exposed thread end.

Product Specification of DIN 1587 Cap Nut

Material : Carbon steel, Stainless steel, Alloy Steel, Brass.

Finishment: Black, Zinc Plated, Zinc Yellow, HDG, Phosphate, DACROMET, Geomet, Magin, Ruspert, Teflon, etc.

DIN 1587 - 2021 Hexagon Cap Nuts, High Type



Thread Size		M4	M5	M6	M8	M10	M12	(M14)	M16	(M18)	M20	(M22)	M24	
D														
P	Coarse thread	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5	3	
	Fine thread -1	/	/	/	1	1.25	1.5	1.5	1.5	2	2	2	2	
	Fine thread -2	/	/	/	/	1	1.25	/	/	1.5	1.5	1.5	/	
d_a	max	4.6	5.75	6.75	8.75	10.8	13	15.1	17.3	19.5	21.6	23.7	25.9	
	min	4	5	6	8	10	12	14	16	18	20	22	24	
d_k	min=nominal size	6.5	7.5	9.5	12.5	15	17	20	23	26	28	33	34	
d_w	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	Grade A	min	7.66	8.79	11.05	14.38	17.77	20.03	23.35	26.75	30.14	33.53	37.72	39.98
	Grade B	min	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	Coarse thread	max	1.4	1.6	2	2.5	3	3.5	4	4	5	5	5	6
	Fine thread	max	/	/	/	2	2.5	3	3	3	4	4	4	4
G	Coarse thread	max	2.75	3	3.7	4.9	5.6	6.4	7.3	7.3	9.3	9.3	9.3	10.7
	Fine thread	max	/	/	/	3.7	4.9	5.6	5.6	5.6	7.3	7.3	7.3	7.3
h	max=nominal size		8	10	12	15	18	22	25	28	32	34	39	42
	Grade A	min	7.64	9.64	11.57	14.57	17.57	21.48	24.48	27.48	31.38	33.38	38.38	41.38
	Grade B	min	7.42	9.42	11.3	14.3	17.3	21.16	24.16	27.16	31	33	38	41
m	max		3.2	4	5	6.5	8	10	11	13	15	16	18	19
	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
m _w	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
SR	≈		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
	Grade A	min (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
	Grade B	min (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	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		5.26	7.21	7.71	10.65	12.65	15.65	17.65	20.58	24.58	25.58	28.58	30.5
w	min		2	2	2	2	2	3	4	4	5	5	5	6
per 1000 units≈kg	Coarse thread		1.5	2.2	4.6	8.9	20.1	28.3	39.7	54.3	79.1	104	/	216
	Fine thread		/	/	/	11	20.1	28.3	39.7	54.3	95	104	/	216