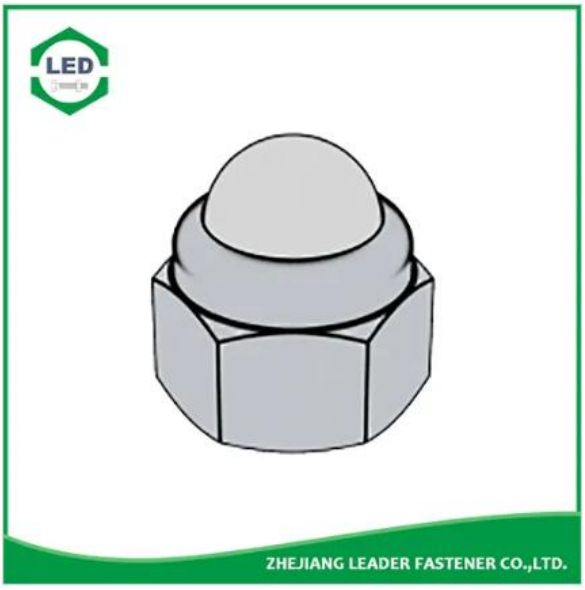


DIN 986 Cap Nut

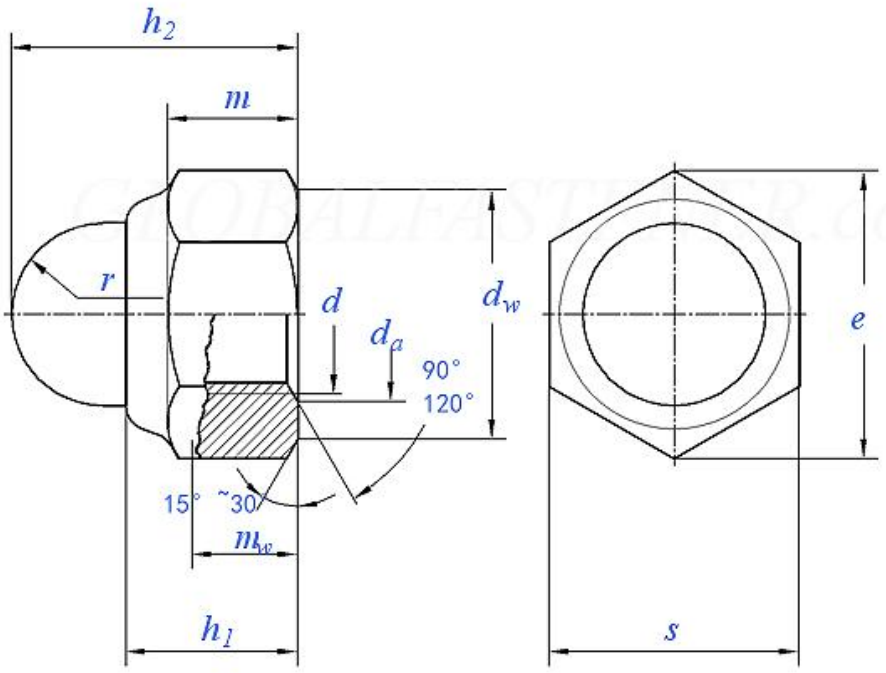
Leader-Fastener is a manufacturer and distributor of **DIN 986 Cap Nut.** We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We persist 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 986 Cap Nut** are a combination acorn cap nut and prevailing torque type lock nuts. They have a permanent undersized non metallic insert (nylon/polyamide) that produces friction between threads of mated components thereby increasing the resistance to loosening forces. Nylon insert lock nuts may be re-used a limited number of times because the threads of the mating bolt deform but do not cut into the polymer insert . These nuts also 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.

Product Specification of DIN 986 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 986 - 2000 Prevailing Torque Type Hexagon Domed Cap Nuts With Non-Metallic Insert



Thread Size D			M4	M5	M6	M8	M10	M12	M14	M16	M20
P	Pitch	Pitch（Coarse thread）	0.7	0.8	1	1.25	1.5	1.75	2	2	2.5
		Fine thread 1	/	/	/	1	1	1.5	1.5	1.5	2
		Fine thread 2	/	/	/	/	1.25	1.25	/	/	1.5
d_a	min		4	5	6	8	10	12	14	16	20
	max		4.6	5.75	6.75	8.75	10.8	13	15.1	17.3	21.6
d_w	min		5.9	6.9	8.9	11.6	14.6	16.6	19.6	22.5	27.7
e	min		7.66	8.79	11.05	14.38	17.77	20.03	23.35	26.75	32.95
h1	Nominal Size		5.6	6	7.5	8.9	10.5	13.5	15.5	16.5	21
	max		5.85	6.25	7.85	9.25	10.9	13.9	15.9	16.9	21.5
	min		5.35	5.75	7.15	8.55	10.1	13.1	15.1	16.1	20.5
h2	Nominal Size		9.6	10.5	12	14	18.1	22.5	26.4	27.5	35
	max		9.9	10.85	12.35	14.35	18.5	22.9	26.8	27.9	35.5
	min		9.3	10.15	11.65	13.65	17.7	22.1	26	27.1	34.5
m	min		2.9	4.4	4.9	6.44	8.04	10.37	12.1	14.1	16.9
m_w	min		2.32	3.52	3.92	5.15	6.43	8.3	9.68	11.28	13.52
r	max=nominal size		2.5	3	3.5	4.6	5.8	6.8	7.8	8.8	10.8

	max	2.7	3.5	4	5.1	6.3	7.8	8.8	9.8	11.8
	min	2.3	2.5	3	4.1	5.3	5.8	6.8	7.8	9.8
s	max=nominal size	7	8	10	13	16	18	21	24	30
	min	6.78	7.78	9.78	12.73	15.73	17.73	20.67	23.67	29.16
per 1000 units ≈ kg		1.4	1.55	3.3	5.3	10.1	18.3	26.1	37.1	111

①,Product Grade:

≤ M16: Class A

> M16: Class B

②,Material:

Steel, Strength Class (material): 5，6(Only for nuts with fine thread)，8，10; Cap: sheet steel . Standard DIN EN ISO 2320