



DIN 979 Castle Nut

Leader-Fastener is a manufacturer and distributor of **DIN 979 Castle 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.

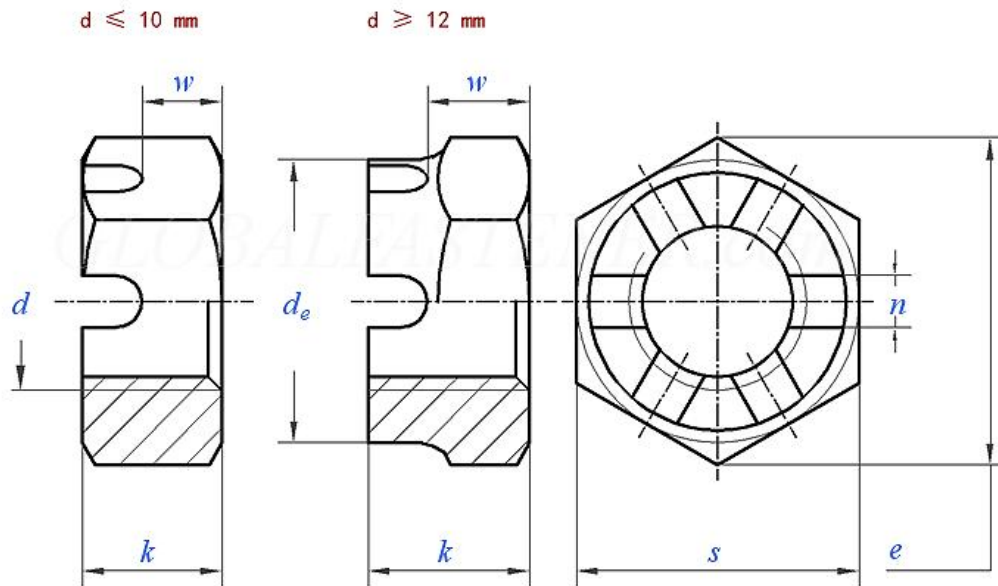
Metric **DIN 979 Castle Nut** are hex nuts where slots are cut into one side of the nut (DIN 979 up to 12mm dia) or through the crown (\geq 12mm dia). These slots are designed to offer a locking feature where a split pin/cotter pin (DIN 94), R clip or safety wire can aligned through the slots and guided through a hole drilled in the shank of the mated bolt. They are similar to DIN 935 but are thinner making them ideal when there are space restrictions.

Product Specification of DIN 979 Castle Nut

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

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

DIN 979 - 2013 Hexagon Thin Slotted Nuts And Castle Buts With Metric Coarse And Fine Pitch Thread, Product Grades A and B



Thread Size		M6	(M7)	M8	M10	M12	(M14)	M16	(M18)	M20	(M22)
D											
P	Pitch (Coarse thread)	1	1	1.25	1.5	1.75	2	2	2.5	2.5	2.5
	Fine thread	-	-	1	1	1.5	1.5	1.5	1.5	2	1.5
	Fine thread	-	-	-	1.25	1.25	-	-	2	1.5	2
d _e	max	-	-	-	-	16	18	22	25	28	32
	min	-	-	-	-	15.57	17.57	21.48	24.3	27.3	31
e	min	11.05	12.12	14.38	17.77	20.03	23.35	26.75	29.56	32.95	37.29
k	max=nominal size	5	5.5	6.5	8	10	11	13	15	16	18
	min	4.7	5.2	6.14	7.64	9.64	10.57	12.57	14.3	15.3	17.3
w	max	2.5	3	3.5	4	5	6	7	9	10	10
	min	2.25	2.75	3.2	3.7	4.7	5.7	6.64	8.64	9.64	9.64
n	max	2.25	2.25	2.75	3.05	3.8	3.8	4.8	4.8	4.8	5.8
	min	2	2	2.5	2.8	3.5	3.5	4.5	4.5	4.5	5.5
s	max=nominal size	10	11	13	16	18	21	24	27	30	34
	min	9.78	10.73	12.73	15.73	17.73	20.67	23.67	26.16	29.16	33

Thread Size		M24	(M27)	M30	(M33)	M36	(M39)	M42	(M45)	M48	(M52)
D											
P	Pitch (Coarse thread)	3	3	3.5	3.5	4	4	4.5	4.5	5	5

	Fine thread	2	2	2	2	3	3	3	3	3	3
	Fine thread	-	-	-	-	-	-	-	-	-	-
d _e	max	34	38	42	46	50	55	58	62	65	70
	min	33	37	41	45	49	53.8	56.8	60.8	63.8	68.8
e	min	39.55	45.2	50.85	55.37	60.79	66.44	71.3	76.95	82.6	88.25
k	max=nominal size	19	22	24	26	29	31	33	34.5	36	38
	min	18.16	21.16	23.16	25.16	28.16	30	32	33.5	35	37
w	max	11	14	15	17	20	22	22	22.5	24	26
	min	10.57	13.57	14.57	16.57	19.48	21.48	21.48	22.02	23.48	25.48
n	max	5.8	5.8	7.36	7.36	7.36	7.36	9.36	9.36	9.36	9.36
	min	5.5	5.5	7	7	7	7	9	9	9	9
s	max=nominal size	36	41	46	50	55	60	65	70	75	80
	min	35	40	45	49	53.8	58.8	63.1	68.1	73.1	78.1

①, Number of slots

d ≤ 39mm: 6

d > 39mm: 8

②, Material:

a) Steel, Strength class (material): d ≤ 39mm: 04, 05; d > 39mm: subject to agreement. Standard DIN EN ISO 898-2

b) Stainless steel, Strength class (material): d ≤ 20mm: A2-035; 20mm < d ≤ 39mm: A2-025; d > 39mm: subject to agreement. Standard DIN EN ISO 3506-2

c) Non-ferrous, Strength class (material): CuZn, CU2 or CU3 at the discretion of the manufacturer. Standard DIN EN 28839