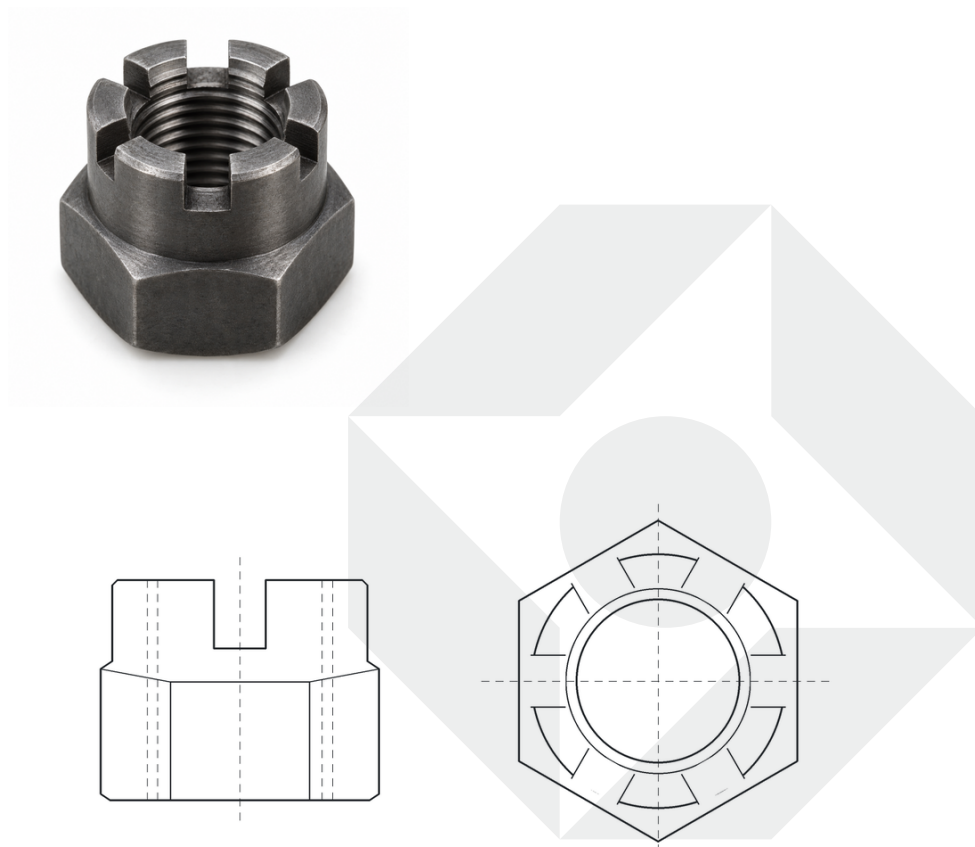


UNI 5593

High slotted castle nut

Castellated hexagon nut for retention by a split pin through a drilled bolt or pin. The high design has greater overall height.

Coarse-pitch sizes are listed in the table. Fine-pitch designs are also available on request: specify diameter × pitch. Other sizes, materials and finishes are defined in the quotation.



d: nominal thread · P: pitch · s: width across flats · e: minimum width across corners · m: overall height · de: crown diameter where specified · n: slot width. —: dimension not stated.

Identification drawing, not a manufacturing drawing.

Dimensional range

Dimensions in millimetres.

M	Pitch P	s	e min.	m	de	n
8	1.25	13	14.38	9.5	—	2.5
10	1.5	17	18.9	12	—	2.8
12	1.75	19	21.1	15	17	3.5
14	2	22	24.49	16	19	3.5
16	2	24	26.75	19	22	4.5
18	2.5	27	30.14	21	25	4.5
20	2.5	30	33.53	22	28	4.5
22	2.5	32	35.72	26	30	5.5
24	3	36	39.98	27	34	5.5
27	3	41	45.63	30	38	5.5
30	3.5	46	51.28	33	42	7
33	3.5	50	55.8	35	46	7
36	4	55	61.31	38	50	7
39	4	60	66.96	40	55	7
42	4.5	65	72.61	46	58	9
45	4.5	70	78.26	48	62	9
48	5	75	83.91	50	65	9
52	5	80	89.56	54	70	9
56	5.5	85	95.07	57	75	9

Materials and classes

Material	Class / hardness	M	Supply
Steel to mechanical specification	8	M8–M56	On request

Finishes and treatments

Finish	Material	Class	M
Plain / as manufactured	Steel to mechanical specification	8	M8–M56

Select the finish for the material/property-class combination. Hydrogen relief and lubrication are separate process requirements, not certificates and not implied by the coating name.



Standards, documents and enquiry

The split pin prevents relative rotation after tightening; it does not generate preload. Check the pin hole, split pin and slot alignment against the assembly procedure. Bolt and split pin are not automatically included.

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DIN 935

Similar commercial reference: compare height, slots and supply specification. Exact dimensional equivalence is not claimed.

Supply documentation

Declaration of conformity; Material certificate; EN 10204 2.2 test report; EN 10204 3.1 inspection certificate; Dimensional inspection report; Coating report; Other documentation

Documents are subject to order agreement; no batch certificate is automatically included.

Related components

UNI 5594, ISO 4032. Requires a matching male thread and a correctly positioned split-pin hole.

Request a quote

Specify standard, diameter, pitch and length where applicable, material, property class or hardness, finish, quantity and documents. Other sizes and dedicated production can be assessed on request, with agreed minimum quantities.

Reference technical configurations: these do not represent stock quantities.

Other materials and specifications

For requirements beyond the tabulated combinations, enquire about aluminium, brass, nylon, duplex, superduplex or an ASTM specification. Alloy or grade, dimensions, mechanical requirements and finish are defined for the enquiry; the geometric reference does not automatically imply conformity with the product standard.