

Hex nut with captive conical spring washer

AVAILABLE FROM STOCK · STEEL · NUT CLASS 8 · ZINC PLATED

Nut and conical washer supplied together as a single component to handle and assemble. Available from stock in zinc-plated class 8 steel; dedicated stainless steel production can be assessed on request.



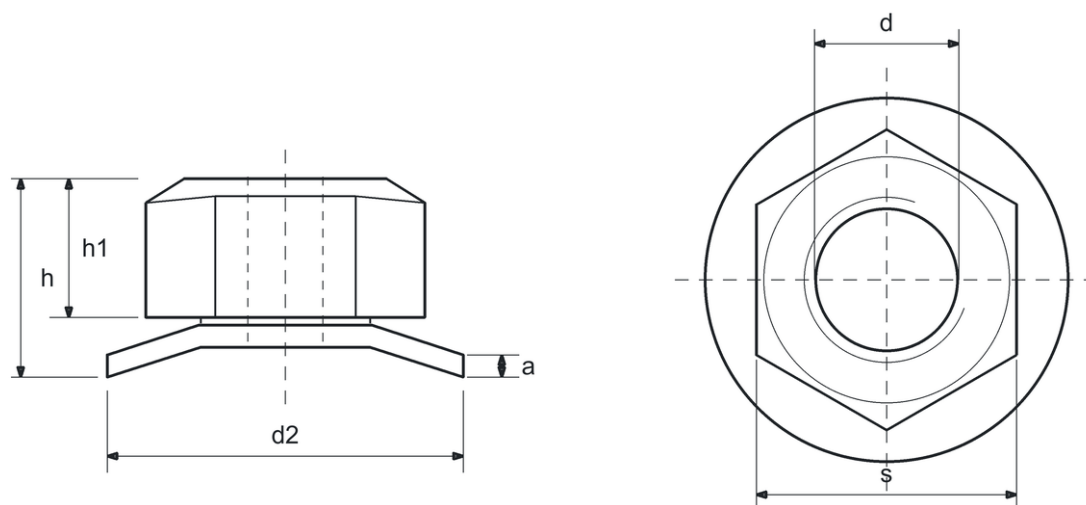
One component to handle

The nut and conical spring washer are supplied already assembled. The captive washer can rotate relative to the nut. The assembly simplifies handling and reduces the risk of omitting the washer during installation.

Stock range: M3, M4, M5, M6, M8, M10 and M12. Other sizes can be assessed on request.

Class 8 refers to the nut. Washer properties and joint performance must be specified separately. No universal anti-loosening or vibration-resistance performance is assigned.

Drawing and dimensional range



d: thread · P: pitch · s: width across flats · h1: nut height · d2: washer outside diameter · h: overall height · a: washer thickness.

M	Pitch P	s	h1 max.	d2 max.	h max.	a
3	0.5	5.5	2.4	8	3.8	0.4–0.6
4	0.7	7	3.2	10	4.2	0.45–0.65
5	0.8	8	4	12	5.3	0.7–0.9
6	1	10	5	14	6.6	0.9–1.1
8	1.25	13	6.5	18	8.8	1.25–1.45
10	1.5	17	8	22	10.7	1.4–1.7
12	1.75	19	10	25.5	13.8	2.1–2.4

Dimensions in mm. Identification drawing, not a manufacturing drawing. Metric coarse pitch.

Supply and dedicated production

Standard stock configuration

Steel, nut class 8, zinc-plated finish. Availability is confirmed in the quotation for the requested quantity and delivery. No inventory quantities are listed.

The standard configuration is zinc plated. Specify any coating thickness, passivation or corrosion-resistance requirements in your enquiry.

Special stainless steel versions

Stainless steel: dedicated production subject to technical feasibility and minimum order quantity. Alloy, property class and finish are defined for the specific enquiry.

Applications

Serial assembly of machinery, light fabrication, packaging equipment and electromechanical systems, subject to checking loads, bearing surface, environment and tightening.

Request availability and quotation

Specify diameter, pitch, lot quantity, annual consumption, material, class, finish, delivery and application requirements. Stainless production enquiries require lot quantity and annual consumption. Attach a drawing or specification if available.

<https://www.dueemmesidol.it/en/products/standard-fasteners/nuts/hex-nut-captive-conical-spring-washer/>

