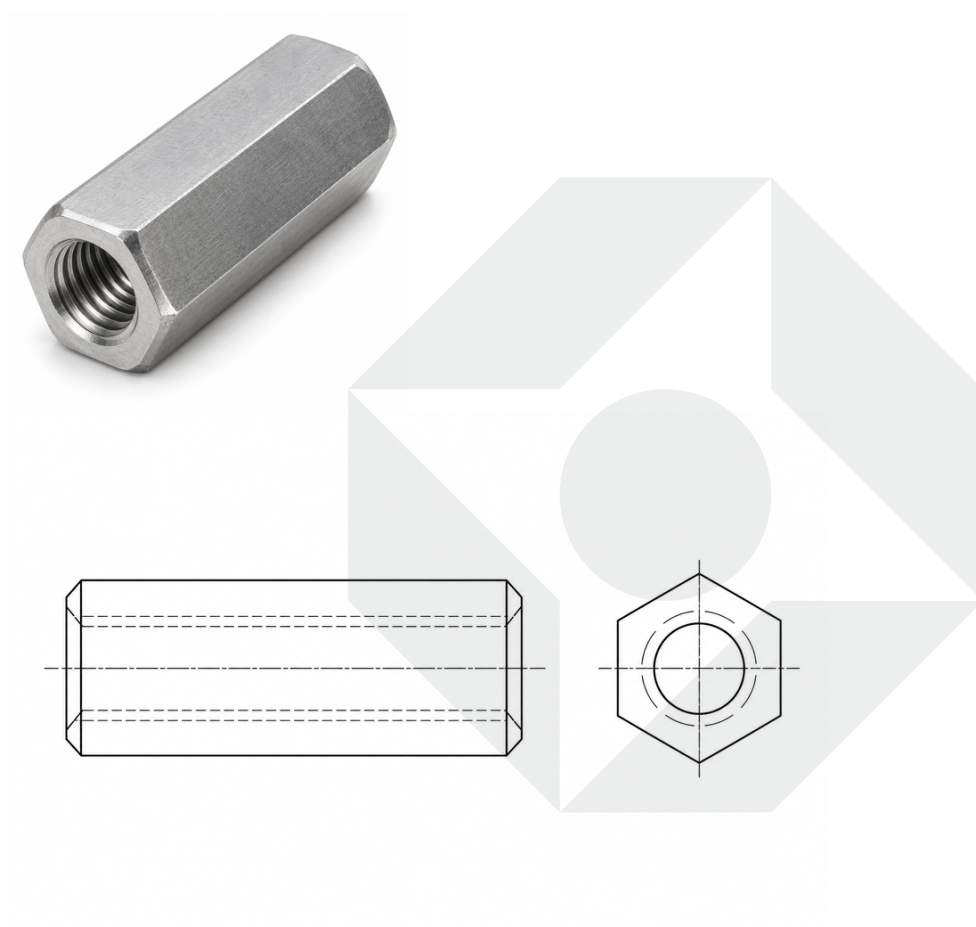


DIN 6334

Hexagon coupling nut, height 3d

A hexagonal sleeve with a through internal thread for connecting two aligned threaded components. Its extended body accepts engagement from both ends; specify the material, property class and engagement depth for the joint.

Commercial reference geometry M6–M36, height $m = 3d$. Submit your specification for different heights, other diameters or special threads.



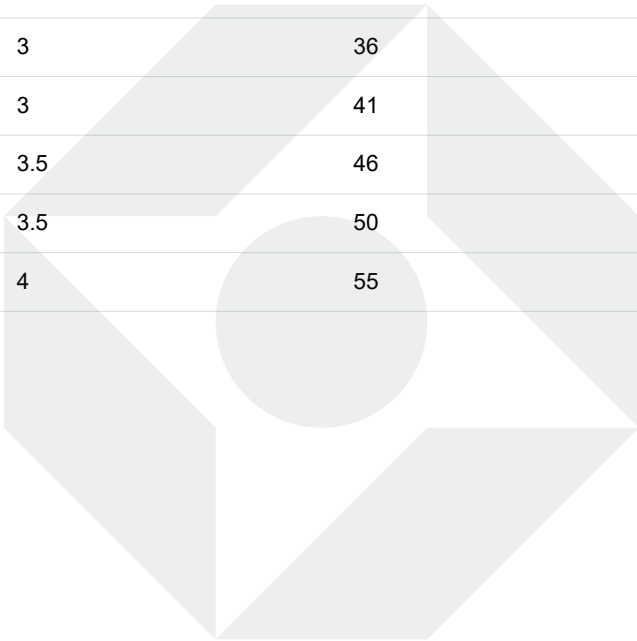
d: nominal internal thread diameter · P: pitch · s: width across flats · m: overall sleeve length

Identification drawing, not a manufacturing drawing.

Dimensional range

Dimensions in millimetres.

M	Pitch P	s	m
6	1	10	18
8	1.25	13	24
10	1.5	17	30
12	1.75	19	36
14	2	22	42
16	2	24	48
18	2.5	27	54
20	2.5	30	60
22	2.5	32	66
24	3	36	72
27	3	41	81
30	3.5	46	90
33	3.5	50	99
36	4	55	108



Materials and classes

Material	Class / hardness	M	Supply
Steel to mechanical specification	8	M6–M36	On request

Finishes and treatments

Finish	Material	Class	M
Plain / as manufactured	Steel to mechanical specification	8	M6–M36
Zinc plating — specify passivation	Steel to mechanical specification	8	M6–M36

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 3d height is not a load rating. Define effective engagement for each component so that neither occupies the length required by the other. Confirm property class, thread tolerance, alignment and finish before use.

A coupling nut does not replace a certified structural assembly or a qualified lifting accessory. Strength and suitability depend on the complete configuration and effective thread engagement.

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

ISO 4032, ISO 4014, ISO 4017. Match nominal diameter, pitch, strength, material, finish and joint conditions.

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.

