

Hexagon flange bolt, plain or serrated bearing surface

DIN geometry, materials and finishes for the same product type in one data sheet. Enter the required length freely in the quotation request.

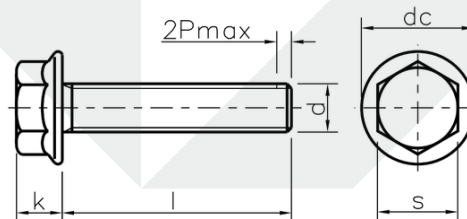
DIN 6921

Dimensional reference: DIN 6921 · Pitch: Coarse · Drive: External hexagon · Units: mm



Representative geometry photograph. Material and finish are specified separately.

Technical drawing



Reference drawing from the Berardi catalogue. Dimensions in mm; not to scale.

d: Nominal diameter · s: Width across flats · k max.: Maximum head height · dc max.: Maximum flange diameter

Reference geometry

Dimensions in mm. Supply lengths are not listed: specify the required length in your enquiry.

DIN dimensions from the Berardi catalogue. Diameters and dimensions are not an availability list. Length and threaded portion are defined in the enquiry.

d	s	k max.	dc max.
M5	8	5.4	11.8
M6	10	6.6	14.2
M8	13	8.1	18
M10	15	9.2	22.3
M12	16	11.5	26.6



Materials, grades, finishes and treatments

Material	Grade	Finish
Steel	4.8	Clear zinc plated
Steel	8.8	Uncoated; clear zinc plated
Steel	10.9	To be specified
Stainless steel A2	Grade to be specified to ISO 3506-1	To be specified
Stainless steel A4	Grade to be specified to ISO 3506-1	To be specified

Material, grade, coating and execution must be agreed in the quotation; not all combinations are implied. Geometric dimensions do not indicate availability by material. For high-strength steels with electrolytic coatings, define hydrogen embrittlement requirements to ISO 4042.

Documentation

Document	Status
Declaration of conformity	Subject to order agreement
Material certificate	Subject to order agreement
EN 10204 2.2 test report	Subject to order agreement
EN 10204 3.1 inspection certificate	Subject to order agreement
Dimensional inspection report	Subject to order agreement
Coating report	Subject to order agreement
Other documentation	Subject to order agreement

Batch documents are not automatically included: specify your requirements in the RFQ.

Standards, executions and application

Specify a plain or serrated flange and partial or full thread. Serrations can affect friction and the bearing surface and do not automatically constitute a qualified locking system. Related EN 1665 executions require drawing checks: they are not automatically identical to DIN 6921.

Technical references

Berardi - DIN 6921

Berardi - product

Inoxmare - A2 / A4