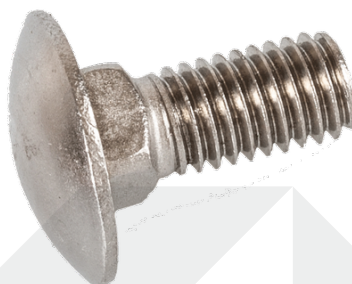


Cup head square neck bolt

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

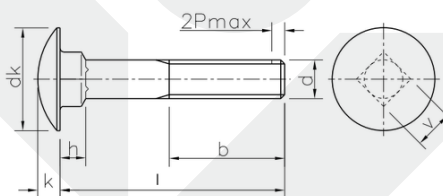
DIN 603 / ISO 8677 / UNI 5731

Dimensional reference: DIN 603 · Pitch: Coarse · Drive: Square neck · 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 · dk: Head diameter · v: Square neck width · k max.: Maximum head height · h: Square neck height

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	dk	v	k max.	h
M5	13	5	3.3	4.1
M6	16	6	3.88	4.6
M8	20	8	4.88	5.6
M10	24	10	5.38	6.6
M12	30	12	6.95	8.75



Materials, grades, finishes and treatments

Material	Grade	Finish
Steel	4.8	Uncoated; clear zinc plated
Steel	8.8	Uncoated; clear zinc plated
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
Polyamide / nylon - similar execution	Not applicable	Natural

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

The square neck prevents rotation when correctly engaged with its mating recess. Distinguish partial thread (UNI 5731 reference) from full thread (UNI 5732 reference). The version with a DIN 555 nut remains in this family: request the nut explicitly. ISO 8677 is a related reference, not a declaration of dimensional identity.

Technical references

Berardi - DIN 603

Berardi - product

Inoxmare - A2 / A4