

Wing screw, American form

Geometry, executions, materials and finishes in one data sheet. Required length and supply requirements are defined in the quotation request.

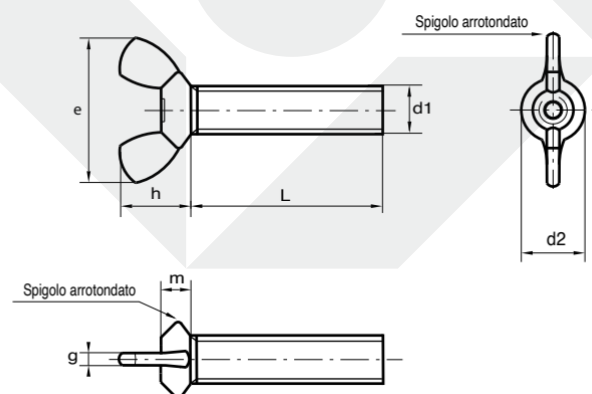
UNI 5449 - American form

Dimensional reference: UNI 5449 · Pitch: Coarse · Drive: Wings · 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 thread · e: Wing span · h: Head height · d2: Head base diameter · g: Wing thickness · m: Head base height

Reference geometry

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

UNI 5449 dimensions from Berardi. The commercial description DIN 316 AF identifies the American form: check the drawing and do not confuse it with other DIN 316 wing screw forms.

d	e	h	d2	g	m
M3	17.6	8.6	8	1.6	3.2
M4	17.6	8.6	8	1.6	3.2
M5	22.5	11	10.3	2.1	4.1
M6	27.8	13.6	12.7	2.5	5.1
M8	30.3	14.8	13.8	2.8	5.6
M10	36.2	17.7	16.5	3.3	6.8
M12	49.4	24.1	22.5	4.5	9



Materials, grades, finishes and treatments

Material	Class / execution	Finish
Steel	4.8	Clear zinc plated
Stainless steel A2	To be specified	To be specified
Stainless steel A4	To be specified	To be specified

Material, class, tolerance and finish are confirmed in the quotation. Dimensional rows do not indicate availability by material; not all combinations are implied.

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 wings allow hand operation. Check head clearance, bearing geometry and permissible assembly torque. Inoxmare documents A2 and A4 for the American form; this does not establish every dimensional combination or other wing forms.

Technical references

Berardi - UNI 5449

Berardi - product

Inoxmare - UNI 5449 / DIN 316 AF, A2 / A4