

Unhardened parallel pin, h8

Locating and connecting component. Geometry and tolerances are separate from materials and treatments; specify the required length in your quotation request.

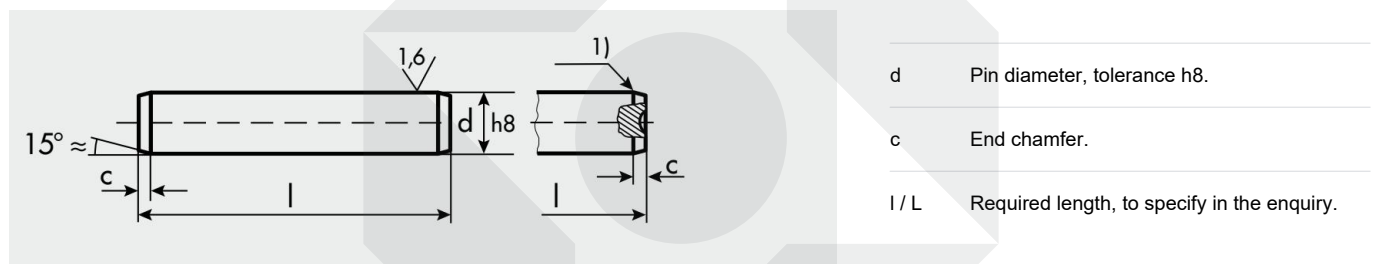
ISO 2338 / ex UNI 1707

References: ISO 2338 / ex UNI 1707 · Tolerance / check: h8 · Execution: See drawing and technical notes · Units: mm



Representative geometry photograph. Material and finish are specified separately.

Technical drawing



Reference drawing by Gandini. Dimensions in mm; not to scale. L identifies the length to specify in the quotation.

Reference geometry

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

The data identifies geometry, not availability. Diameter tolerance is distinct from length tolerance. A dash denotes an undocumented source dimension requiring verification on the supply drawing.

d	Tolerance d	d min	d max	c ≈
0,8	h8	0,786	0,800	0,16
1,0	h8	0,986	1,000	0,20
1,5	h8	1,486	1,500	0,30
2,0	h8	1,986	2,000	0,35
2,5	h8	2,486	2,500	0,40
3,0	h8	2,986	3,000	0,50
4,0	h8	3,982	4,000	0,63
5,0	h8	4,982	5,000	0,80
6,0	h8	5,982	6,000	1,20
8,0	h8	7,978	8,000	1,60
10,0	h8	9,978	10,000	2,00
12,0	h8	11,973	12,000	2,50
14,0	h8	13,973	14,000	2,50
16,0	h8	15,973	16,000	3,00
20,0	h8	19,967	20,000	3,50
25,0	h8	24,967	25,000	4,00
30,0	h8	29,967	30,000	5,00

Materials, grades, finishes and treatments

Material	Condition / requirements	Machining / finish
Free-cutting or carbon steel	Unhardened	Specify surface treatment
Stainless steel AISI 303 / AISI 304	Unhardened	Specify surface treatment
Stainless steel AISI 316 / AISI 410, on request	Agree grade and condition	Specify surface treatment

Materials and executions documented by the sources; specify them in your enquiry. Not all combinations are implied. Dueemme confirms grade, treatment, mechanical properties and availability in the quotation. A1/A2/A4 labels do not replace the metallurgical specification of the pin.

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.

Tolerances, standards and installation

Tolerance h8 applies to diameter d. End shapes may follow the variants in the drawing; these do not specify commercial lengths.

Related ISO/UNI references do not establish automatic equivalence: confirm the governing standard, edition and supply drawing.

Technical references

Gandini - technical data

Gandini - technical data

WDS - shaft tolerances