

Hardened ground dowel pin, m6

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

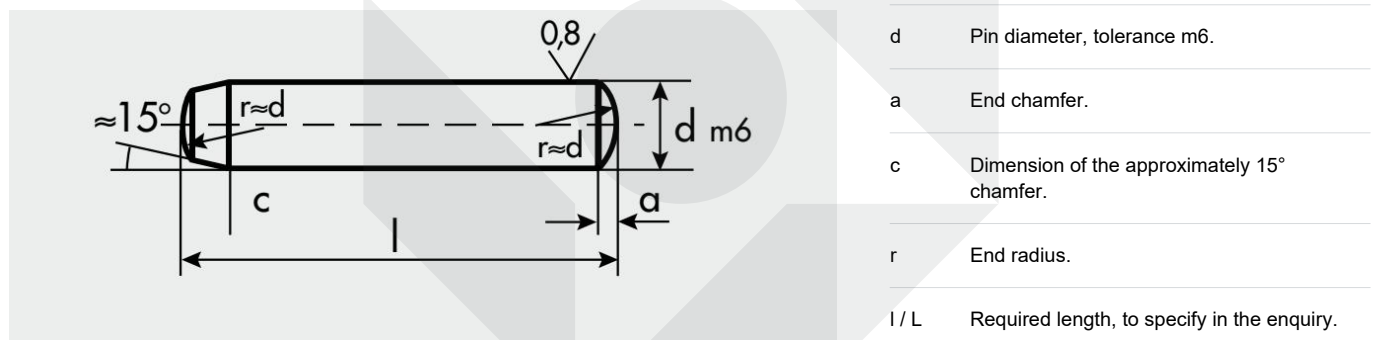
DIN 6325 / ISO 8734 / ex UNI 6364 A

References: DIN 6325 / ISO 8734 / ex UNI 6364 A · Tolerance / check: m6 · 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	a ≈	c ≈
1,0	m6	1,002	1,008	0,15	0,50
1,5	m6	1,502	1,508	0,23	0,60
2,0	m6	2,002	2,008	0,30	0,80
2,5	m6	2,502	2,508	0,40	1,00
3,0	m6	3,002	3,008	0,45	1,20
4,0	m6	4,004	4,012	0,60	1,40
5,0	m6	5,004	5,012	0,75	1,70
6,0	m6	6,004	6,012	0,90	2,10
8,0	m6	8,006	8,015	1,20	2,60
10,0	m6	10,006	10,015	1,50	3,00
12,0	m6	12,007	12,018	1,80	3,80
14,0	m6	14,007	14,018	2,00	4,00
16,0	m6	16,007	16,018	2,50	4,70
20,0	m6	20,008	20,021	3,00	6,00

Materials, grades, finishes and treatments

Material	Condition / requirements	Machining / finish
Steel 100Cr6 (1.3505)	Hardened, 58-62 HRC	Ground

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

Diameter tolerance m6. Gandini also documents h6 on request: specify it explicitly; the tabulated m6 limits do not apply to h6.

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

Technical references

Gandini - technical data

WDS - shaft tolerances