

Unhardened dowel pin with internal thread, m6

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

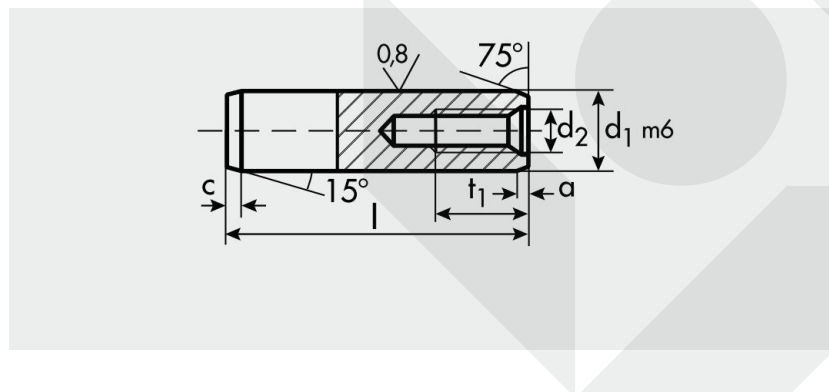
DIN 7979 C / ISO 8733 / ex UNI 6364 B

References: DIN 7979 C / ISO 8733 / ex UNI 6364 B · Tolerance / check: m6 · Execution: See drawing and technical notes · Units: mm



Representative geometry photograph. Material and finish are specified separately.

Technical drawing



d1	Outside diameter, tolerance m6.
d2	Extraction thread.
a	End chamfer.
c	Chamfer at the end opposite the hole.
t1	Threaded-hole depth.
I / L	Required length, to specify in the enquiry.

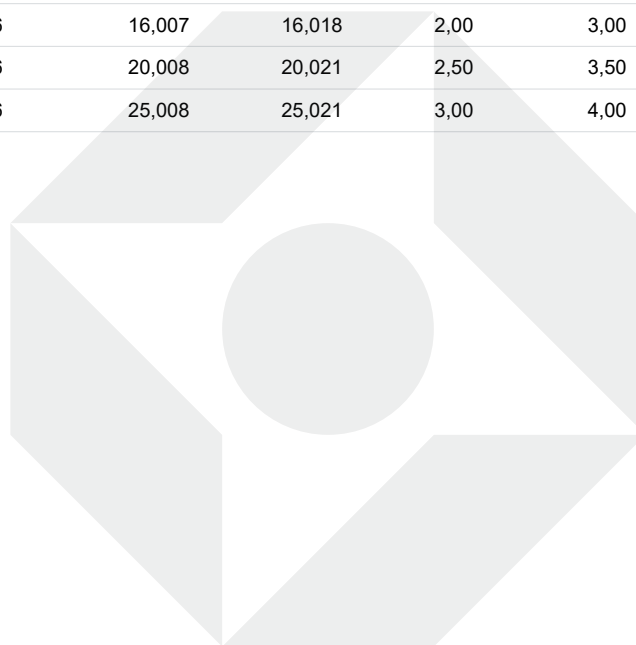
Reference drawing by Gandini. Dimensions in mm; not to scale. L identifies the length to specify in the quotation.

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 ≈	d2	t1
4,0	m6	4,004	4,012	-	-	M2,5	-
5,0	m6	5,004	5,012	-	-	M3	-
6,0	m6	6,004	6,012	0,80	1,20	M4	6
8,0	m6	8,006	8,015	1,00	1,60	M5	8
10,0	m6	10,006	10,015	1,20	2,00	M6	10
12,0	m6	12,007	12,018	1,60	2,50	M6	12
14,0	m6	14,007	14,018	1,80	2,50	M8	12
16,0	m6	16,007	16,018	2,00	3,00	M8	12
20,0	m6	20,008	20,021	2,50	3,50	M10	16
25,0	m6	25,008	25,021	3,00	4,00	M16	24



Materials, grades, finishes and treatments

Material	Condition / requirements	Machining / finish
Free-cutting or carbon steel	Unhardened	Ground
Stainless steel AISI 303 (1.4305)	Unhardened	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

Internal thread for extraction; d2 identifies the thread, t1 the catalogued thread depth. Check depth before selecting the extraction tool. A dash denotes a value not stated by the source.

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

Technical references

Gandini - technical data

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WDS - shaft tolerances