

Coiled spring pin, heavy duty

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

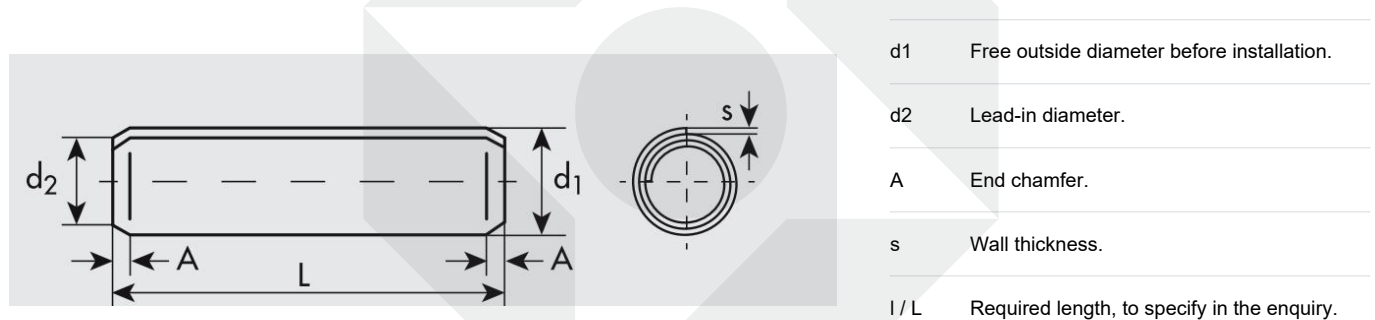
ISO 8748 / ex DIN 7344 / ex UNI 6876

References: ISO 8748 / ex DIN 7344 / ex UNI 6876 · Tolerance / check: Free diameter · 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.

Ø nominal	A ≈	d1 min	d1 max	d2 max	s
1,5	0,5	1,61	1,71	1,40	0,17
2	0,7	2,11	2,21	1,90	0,22
2,5	0,7	2,62	2,73	2,40	0,28
3	0,9	3,12	3,25	2,90	0,33
4	1,1	4,15	4,30	3,90	0,45
5	1,3	5,15	5,35	4,85	0,56
6	1,5	6,18	6,40	5,85	0,67
8	2,0	8,25	8,55	7,80	0,90



Materials, grades, finishes and treatments

Material	Condition / requirements	Machining / finish
Spring steel CK67 / CK75 / 55Si7	Spring steel; manufacturer-selected grade	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

Diameter d1 is measured before installation and exceeds nominal diameter. The d1 min/max limits describe the free pin, not the hole. Nominal diameter identifies the mating size; specify the hole and installation conditions separately.

Dimensions refer to the Gandini steel series. Confirm drawings and mechanical properties for stainless executions; steel shear loads and treatments do not automatically apply. A dash denotes an undocumented dimension to be agreed in the quotation.

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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