

# Half-length reverse-taper-grooved pin

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

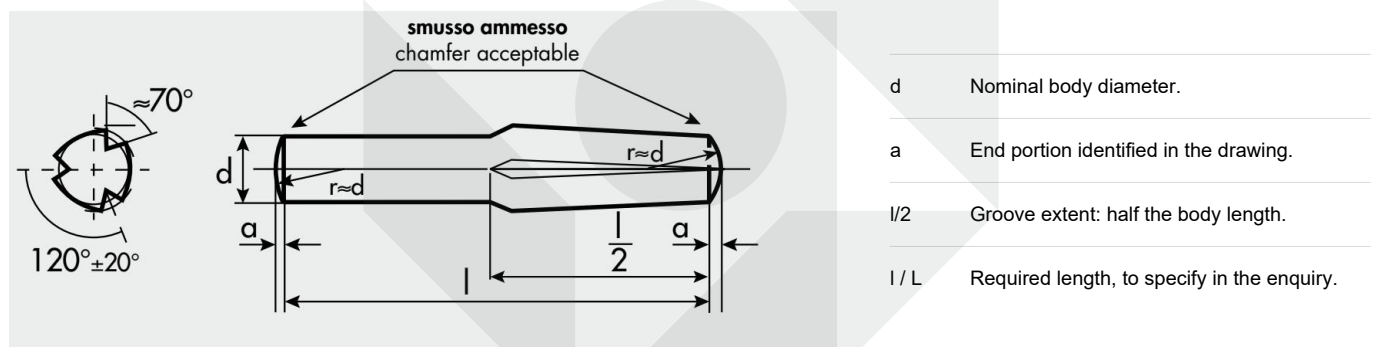
DIN 1474 / ISO 8741 / ex UNI 7589

References: DIN 1474 / ISO 8741 / ex UNI 7589 · Tolerance / check: Groove geometry · 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    | a ≈  |
|------|------|
| 1,5  | 0,20 |
| 2,0  | 0,25 |
| 2,5  | 0,30 |
| 3,0  | 0,40 |
| 4,0  | 0,50 |
| 5,0  | 0,63 |
| 6,0  | 0,80 |
| 8,0  | 1,00 |
| 10,0 | 1,20 |
| 12,0 | 1,60 |
| 16,0 | 2,00 |



## Materials, grades, finishes and treatments

| Material                     | Condition / requirements     | Machining / finish        |
|------------------------------|------------------------------|---------------------------|
| Free-cutting or carbon steel | Unhardened; specify material | 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

Nominal diameter is distinct from the diameter over the grooves. Do not apply plain-pin m6/h8 tolerances. Verify effective groove diameter, mating hole and insertion force against the governing standard and supply drawing.

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

## Technical references

Gandini - technical data