

# DIN 7 parallel pin, m6

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

DIN 7

References: DIN 7 · Tolerance / check: m6 · Execution: See drawing and technical notes · Units: mm



Representative photograph of a parallel pin. Refer to the DIN 7 drawing for end geometry.

## Technical drawing



|       |                                             |
|-------|---------------------------------------------|
| d1    | Pin diameter, tolerance m6.                 |
| c     | End chamfer; dimension to be confirmed.     |
| r     | End radius; dimension to be confirmed.      |
| l / L | Required length, to specify in the enquiry. |

Reference drawing by King. 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.

| d1   | Tolerance d1 | d1 min | d1 max |
|------|--------------|--------|--------|
| 1,0  | m6           | 1,002  | 1,008  |
| 1,5  | m6           | 1,502  | 1,508  |
| 2,0  | m6           | 2,002  | 2,008  |
| 2,5  | m6           | 2,502  | 2,508  |
| 3,0  | m6           | 3,002  | 3,008  |
| 4,0  | m6           | 4,004  | 4,012  |
| 5,0  | m6           | 5,004  | 5,012  |
| 6,0  | m6           | 6,004  | 6,012  |
| 8,0  | m6           | 8,006  | 8,015  |
| 10,0 | m6           | 10,006 | 10,015 |
| 12,0 | m6           | 12,007 | 12,018 |
| 16,0 | m6           | 16,007 | 16,018 |
| 20,0 | m6           | 20,008 | 20,021 |

## Materials, grades, finishes and treatments

| Material           | Condition / requirements | Machining / finish        |
|--------------------|--------------------------|---------------------------|
| Stainless steel A1 | Unhardened               | Specify surface treatment |
| Stainless steel A4 | Unhardened               | 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

King DIN 7 execution with m6 diameter. End dimensions c and r must be confirmed on the supply drawing; they are not assumed identical to ISO 2338.

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

## Technical references

King

King

WDS - shaft tolerances