

INTERNATIONAL STANDARD

ISO
8744

Second edition
1997-11-01

Grooved pins — Full-length taper grooved

*Goupilles cannelées à cannelures progressives sur toute la longueur
(débouchantes)*



Reference number
ISO 8744:1997(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 8744 was prepared by Technical Committee ISO/TC 2, *Fasteners*.

This second edition cancels and replaces the first edition (ISO 8744:1986), which has been technically revised.

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1 Scope

from 1,5 mm to 25 mm inclusive.

The displaced material to each side of the grooves forming an expanded diameter, d_2 , which is larger than the nominal diameter d_1 will cause a non-positive locking fit when these grooved pins are forced into a drilled hole equal to the nominal diameter d_1 (see clause 4).

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 3269:1988, *Fasteners – Acceptance inspection*.

ISO 3506-1:1997, *Corrosion-resistant stainless steel fasteners – Part 1: Bolts, screws and studs*.

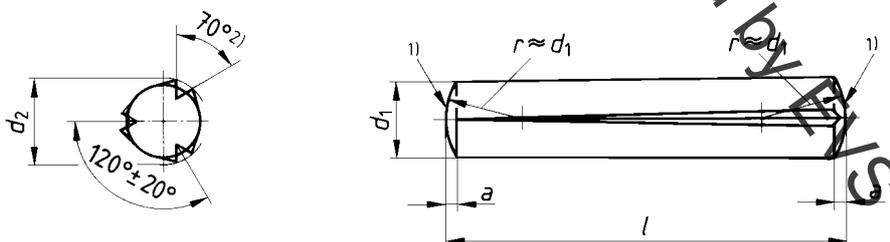
ISO 4042:–¹⁾, *Fasteners – Electroplated coatings*.

ISO 8749:1986, *Pins and grooved pins – Shear test*.

ISO 9717:1990, *Phosphate conversion coatings for metals – Method of specifying requirements*.

3 Dimensions

See figure 1 and table 1.



- 1) Chamfer permissible
- 2) The grooving angle 70° applies only to grooved pins made from steel as shown in clause 5. The grooving angle may be modified depending on resilience of material

Figure 1

1) To be published. (Revision of ISO 4042:1989)