Soontihvtid. Täispikkuses koonuse ja soontega

Grooved pins - Full-length taper grooved

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN ISO 8744:1999 sisaldab Euroopa standardi EN ISO 8744:1997 ingliskeelset teksti. Käesolev dokument on jõustatud 23.11.1999 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN ISO 8744:1999 consists of the English text of the European standard EN ISO 8744:1997. This document is endorsed on 23.11.1999 with the notification being published in the official publication of the Estonian national standardisation organisation. The standard is available from Estonian standardisation organisation.

Käsitlusala: See rahvusvaheline standard määrab kindlaks selliste terasest või roostevabast austeniitterasest valmistatud, täispikkuses koonusega soontihvtide parameetrid, millel on kolm välispinnale pikisuunas võrdselt paigutatud kärnsoont ja mille nimiläbimõõt d1 on 1,5 - 25 mm (kaasa arvatud).	**Scope:**

ICS 21.060.50

Võtmesõnad: kinnitusdetailid, mõõtmed, parameetrid, soontihvtid, tehnilised andmed, terastooted, tihvtid, tähistus

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 8744

November 1997

ICS 21.060.50

Supersedes EN 28744 : 1992.

Descriptors: Fasteners, grooved pins.

English version

Grooved pins, full-length taper grooved
(ISO 8744 : 1997)

Goupilles cannelées à cannelures progressives sur toute la longueur (débouchantes) (ISO 8744 : 1997)

Kegelkerbstifte (ISO 8744 : 1997)

This European Standard was approved by CEN on 1997-10-18.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 8744 : 1997 Grooved pins, full-length taper grooved,

which was prepared by ISO/TC 2 ‘Fasteners’ of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 185 ‘Threaded and non-threaded mechanical fasteners and accessories’, the Secretariat of which is held by DIN, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by May 1998 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 8744 : 1997 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

1 Scope

This International Standard specifies the characteristics of full-length taper grooved pins made of steel or austenitic stainless steel which have three equally spaced grooves impressed longitudinally on their exterior surface, with nominal diameter, d_1, 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.*

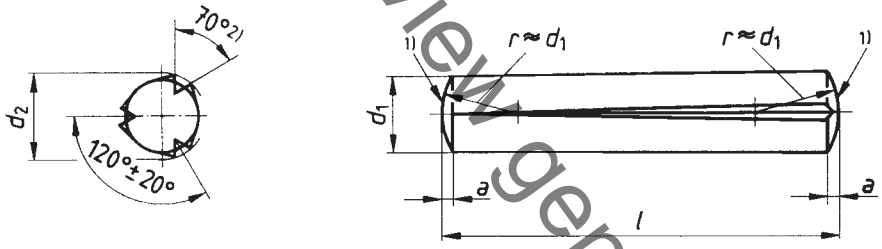
ISO 4042:–[1], *Fasteners – Electroplated coatings.*

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)