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**Stožčasti zatiči z zunanjim navojem, nekaljeni (ISO 8737:1986)**

Taper pins with external thread, unhardened (ISO 8737:1986)

Kegelstifte mit Gewindezapfen, ungehärtet (ISO 8737:1986)

Goupilles de position coniques a longueur filetée, non trempées (ISO 8737:1986)

**Ta slovenski standard je istoveten z: EN 28737:1992**

[SIST EN 28737:1996](https://standards.iteh.ai/catalog/standards/sist/4a586ca3-3a00-4255-bb5b-d11e19921cc7/sist-en-28737-1996)

<https://standards.iteh.ai/catalog/standards/sist/4a586ca3-3a00-4255-bb5b-d11e19921cc7/sist-en-28737-1996>

**ICS:**

21.060.50	Zatiči, žblji	Pins, nails
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**SIST EN 28737:1996****en**

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SIST EN 28737:1996

<https://standards.iteh.ai/catalog/standards/sist/4a586ca3-3a00-4255-bb5b-d11e19921cc7/sist-en-28737-1996>

EUROPEAN STANDARD

EN 28737:1992

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1992

UDC 621.886.115

Descriptors: Fasteners, locating pins, taper pins, specifications, dimensions, designation

English version

**Taper pins with external thread, unhardened (ISO 8737:1986)**Goupilles de position coniques à longueur  
filetée, non trempées (ISO 8737:1986)Kegelstifte mit Gewindezapfen, ungehärtet (ISO  
8737:1986)**(standards.iteh.ai)**SIST EN 28737:1996<https://standards.iteh.ai/catalog/standards/sist/4a586ca3-3a00-4255-bb5b-d11e19921cc7/sist-en-28737-1996>

This European Standard was approved by CEN on 1992-07-17. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and 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**

In 1992, CEN Technical Committee CEN/TC 185 "Threaded and non threaded mechanical fasteners and accessories" the secretariat of which is held by DIN decided to submit the International Standard

ISO 8737:1986 - "Taper pins with external thread, unhardened"

to the formal vote procedure.

The result was positive.

In the countries bound to implement this European Standard a national standard identical to this European standard shall be published at the latest by 1993-01-31 and conflicting national standards shall be withdrawn at the latest by 1993-01-31.

**iTeh STANDARD PREVIEW**

According to the CEN/CENELEC Common Rules the following countries are bound to implement this European Standard : Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Spain, Portugal, Sweden, Switzerland and United Kingdom.

<https://standards.iteh.ai/catalog/standards/sist/4a586ca3-3a00-4255-bb5b-d11e19921cc7/sist-en-28737-1996>

### **Endorsement notice**

The text of the International Standard ISO 8737:1986 was approved by CEN as a European Standard without any modification.

# International Standard



# 8737

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

## Taper pins with external thread, unhardened

*Goupilles de position coniques à longueur filetée, non trempées*

First edition — 1986-11-01

**iTeh STANDARD PREVIEW**  
**(standards.iteh.ai)**

[SIST EN 28737:1996](https://standards.iteh.ai/catalog/standards/sist/4a586ca3-3a00-4255-bb5b-d11e19921cc7/sist-en-28737-1996)

<https://standards.iteh.ai/catalog/standards/sist/4a586ca3-3a00-4255-bb5b-d11e19921cc7/sist-en-28737-1996>

UDC 621.886.114

Ref. No. ISO 8737-1986 (E)

Descriptors : fasteners, pins (mechanics), taper pins, specifications, dimensions, designation.

## 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8737 was prepared by Technical Committee ISO/TC 2, *Fasteners*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

# Taper pins with external thread, unhardened

## iTeh STANDARD PREVIEW (standards.iteh.ai)

### 1 Scope and field of application

[SIST EN 28737:1996](#)

<https://standards.iteh.ai/catalog/standards/sist/4a586ca3-3a00-4255-bb5b-411619521f6c/sist-en-28737-1996>

This International Standard specifies the characteristics of unhardened taper pins with external thread, and metric dimensions and nominal diameters,  $d_1$ , from 5 to 50 mm inclusive.

### 2 References

ISO 965, *ISO general purpose metric screw threads — Tolerances.*

ISO 2081, *Metallic coatings — Electroplated coatings of zinc on iron or steel.*

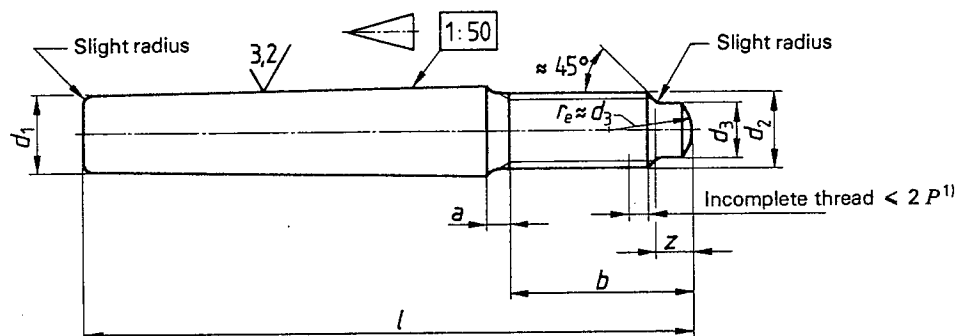
ISO 3269, *Fasteners — Acceptance inspection.*

ISO 4520, *Chromate conversion coatings on electroplated zinc and cadmium coatings.*

## ISO 8737-1986 (E)

## 3 Dimensions

Surface roughness values in micrometres



iTeh STANDARD PREVIEW

Dimensions in millimetres

$d_1$	$h10^{(2)}$	5	6	8	10	12	16	20	25	30	40	50
$a$	max.	2,4	3	4	4,5	5,3	6	6	7,5	9	10,5	12
$b$	max.	15,6	20	24,5	27	30,5	39	39	45	52	65	78
	min.	14	18	22	24	27	35	35	40	46	58	70
$d_2$		M5	M6	M8	M10	M12	M16	M16	M20	M24	M30	M36
$P^{(1)}$		0,8	1	1,25	1,5	1,75	2	2	2,5	3	3,5	4
$d_3$	max.	3,5	4	5,5	7	8,5	12	12	15	18	23	28
	min.	3,25	3,7	5,2	6,6	8,1	11,5	11,5	14,5	17,5	22,5	27,5
$z$	max.	1,5	1,75	2,25	2,75	3,25	4,3	4,3	5,3	6,3	7,5	9,4
	min.	1,25	1,5	2	2,5	3	4	4	5	6	7	9
nom.	$l^{(3)}$ min.	max.										
40	39,5	40,5										
45	44,5	45,5										
50	49,5	50,5										
55	54,25	55,75		Range								
60	59,25	60,75										
65	64,25	65,75										
75	74,25	75,75			of							
85	84,25	85,75										
100	99,25	100,75										
120	119,25	120,75				commercial						
140	139,25	140,75										
160	159,25	160,75										
190	189,25	190,75					lengths					
220	219	221										
250	249	251										
280	279	281										
320	319	321										
360	359	361										
400	399	401										

1)  $P$  = thread pitch.

2) Other tolerances as agreed between customer and supplier.

3) For nominal lengths above 400 mm, steps of 40 mm.