



SLOVENSKI STANDARD

SIST EN 28736:1996

01-april-1996

Stožčasti zatiči z notranjim navojem, nekaljeni

Taper pins with internal thread, unhardened (ISO 8736:1986)

Kegelstifte mit Innengewinde, ungehärtet (ISO 8736:1986)

Goupilles de position conique à trou taraudé, non trempées (ISO 8736:1986)

Ta slovenski standard je istoveten z: **EN 28736:1992**

[SIST EN 28736:1996](https://standards.iteh.ai/catalog/standards/sist/5e4534a-8bcf-4b36-b87b-4ec5a1eb2686/sist-en-28736-1996)

<https://standards.iteh.ai/catalog/standards/sist/5e4534a-8bcf-4b36-b87b-4ec5a1eb2686/sist-en-28736-1996>

ICS:

21.060.50 Zatiči, žablji Pins, nails

SIST EN 28736:1996

en

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EUROPEAN STANDARD

EN 28736:1992

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1992

UDC 621.886.115

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

English version

Taper pins with internal thread, unhardened (ISO 8736:1986)

Goupilles de position coniques à trou taraudé, non trempées (ISO 8736:1986)

Kegelstifte mit Innengewinde, ungehärtet (ISO 8736:1986)

(standards.iteh.ai)SIST EN 28736:1996<https://standards.iteh.ai/catalog/standards/sist/5ef4534a-8bcf-4b36-b87b-4ec5a1eb2686/sist-en-28736-1996>

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.

CENEuropean 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 8736:1986 - "Taper pins with internal 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.

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.

Endorsement notice

The text of the International Standard ISO 8736:1986 was approved by CEN as a European Standard without any modification.

International Standard



8736

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

Taper pins with internal thread, unhardened

Goupilles de position coniques à trou taraudé, non trempées

First edition — 1986-11-01

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[SIST EN 28736:1996](https://standards.iteh.ai/catalog/standards/sist/5ef4534a-8bcf-4b36-b87b-4ec5a1eb2686/sist-en-28736-1996)

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UDC 621.886.115

Ref. No. ISO 8736-1986 (E)

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

Price based on 3 pages

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 8736 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 internal thread, unhardened

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1 Scope and field of application

[SIST EN 28736:1996](https://standards.iteh.ai/catalog/standards/sist/5ef4534a-8b6f-4b36-b87b-1ec5a1eb2686/sist-en-28736-1996)

This International Standard specifies the characteristics of unhardened taper pins with internal thread, and metric dimensions and nominal diameters, d_1 , from 6 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.*

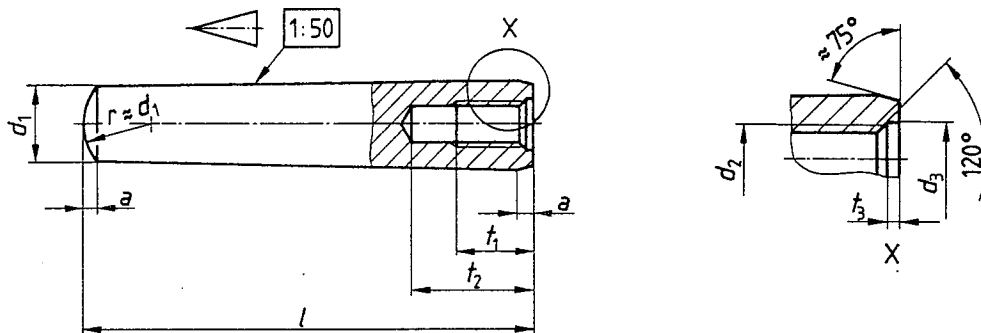
ISO 4520, *Chromate conversion coatings on electroplated zinc and cadmium coatings.*

ISO 8736-1986 (E)

3 Dimensions

Type A (ground pins) : Surface finish $R_a = 0,8 \mu\text{m}$

Type B (turned pins) : Surface finish $R_a = 3,2 \mu\text{m}$



Dimensions in millimetres

d_1	$h10^{1)}$	6	8	10	12	16	20	25	30	40	50
a	\approx	0,8	1	1,2	1,6	2	2,5	3	4	5	6,3
d_2		M4	M5	M6	M8	M10	M12	M16	M20	M20	M24
$P^{2)}$		0,7	0,8	1	1,25	1,5	1,75	2	2,5	2,5	3
d_3		4,3	5,3	6,4	8,4	10,5	13	17	21	21	25
t_1		6	8	10	12	16	18	24	30	30	36
t_2	min.	10	12	16	20	25	28	35	40	40	50
t_3		1	1,2	1,2	1,2	1,5	1,5	2	2	2,5	2,5
nom.	$l^{3)}$ min.	max.									
16	15,5	16,5									
18	17,5	18,5									
20	19,5	20,5									
22	21,5	22,5									
24	23,5	24,5									
26	25,5	26,5									
28	27,5	28,5	Range								
30	29,5	30,5									
32	31,5	32,5									
35	34,5	35,5	of								
40	39,5	40,5									
45	44,5	45,5									
50	49,5	50,5	commercial								
55	54,25	55,75									
60	59,25	60,75									
65	64,25	65,75	lengths								
70	69,25	70,75									
75	74,25	75,75									
80	79,25	80,75									
85	84,25	85,75									
90	89,25	90,75									
95	94,25	95,75									
100	99,25	100,75									
120	119,25	120,75									
140	139,25	140,75									
160	159,25	160,75									
180	179,25	180,75									
200	199,25	200,75									

1) Other tolerances, for example a11, c11, f8, as agreed between customer and supplier.

2) P = thread pitch.

3) For nominal lengths above 200 mm, steps of 20 mm.