



SLOVENSKI STANDARD
SIST EN 28733:1996

01-april-1996

Valjasti zatiči z notranjim navojem, nekaljeni

Parallel pins with internal thread, unhardened (ISO 8733:1986)

Zylinderstifte mit Innengewinde, ungehärtet (ISO 8733:1986)

Goupilles cylindriques à trou taraudé, non trempées (ISO 8733:1986)

Ta slovenski standard je istoveten z: EN 28733:1992

[SIST EN 28733:1996](https://standards.iteh.ai/catalog/standards/sist/3b143a69-a55a-4270-89b-087e1cd26b2c/sist-en-28733-1996)

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ICS:

21.060.50 Zatiči, žablji Pins, nails

SIST EN 28733:1996 **en**

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EUROPEAN STANDARD

EN 28733:1992

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1992

UDC 621.886.113

Descriptors: Fasteners, pins, parallel pins, specifications, dimensions, designation

English version

Parallel pins with internal thread, unhardened (ISO 8733:1986)

Goupilles cylindriques à trou taraudé, non trempées (ISO 8733:1986) **STANDARD PREVIEW** Zylinderstifte mit Innengewinde, ungehärtet (ISO 8733:1986)

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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 8733:1986 - "Parallel 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.

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[087e1cd26b2c/sist-en-28733-1996](https://standards.iteh.ai/catalog/standards/sist/3b143a69-a55a-4270-89f3-087e1cd26b2c/sist-en-28733-1996)
Endorsement notice

The text of the International Standard ISO 8733:1986 was approved by CEN as a European Standard without any modification.

International Standard



8733

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

Parallel pins with internal thread, unhardened

Goupilles cylindriques à trou taraudé, non trempées

First edition — 1986-10-15

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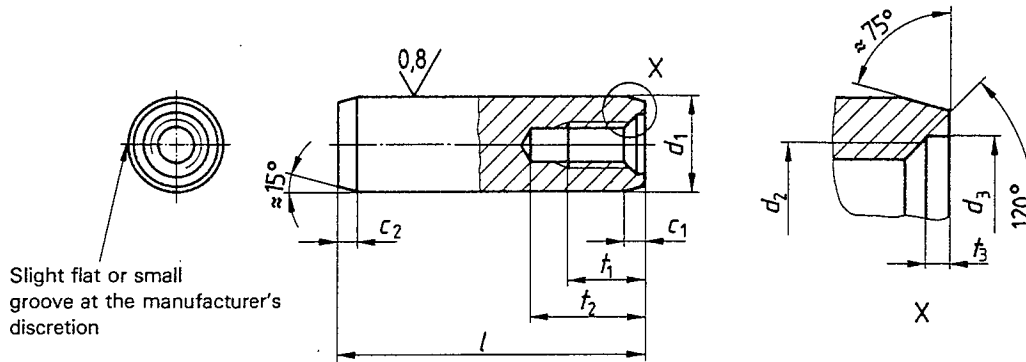
Ref. No. ISO 8733-1986 (E)

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

ISO 8733-1986 (E)

3 Dimensions

Surface roughness values in micrometres



Dimensions in millimetres

d_1	m6 ¹⁾	6	8	10	12	16	20	25	30	40	50
c_1	≈	0,8	1	1,2	1,6	2	2,5	3	4	5	6,3
c_2	≈	1,2	1,6	2	2,5	3	3,5	4	5	6,3	8
d_2		M4	M5	M6	M6	M8	M10	M16	M20	M20	M24
p ²⁾		0,7	0,8	1	1	1,25	1,5	2	2,5	2,5	3
d_3		4,3	5,3	6,4	6,4	8,4	10,5	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.	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									
55	54,25	55,75									
60	59,25	60,75									
65	64,25	65,75									
70	69,25	70,75					commercial				
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								lengths	
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 as agreed between customer and supplier.
- 2) P = thread pitch.
- 3) For nominal lengths above 200 mm, steps of 20 mm.

4 Specifications and reference International Standards

Screw thread	Metric screw thread with tolerance 6H to ISO 965.
Material	St = Free-cutting steel, hardness 125 to 245 HV. Other materials as agreed between customer and supplier.
Surface finish	Plain, i.e. pins to be supplied in natural finish treated with a rust-preventative lubricant, unless otherwise specified by agreement between customer and supplier. Preferred coatings are black oxide, phosphate coating or zinc plating with chromate conversion coating (see ISO 2081 and ISO 4520). Other coatings as agreed between customer and supplier. All tolerances shall apply prior to the application of a plating or coating.
Workmanship	Parts shall be uniform in quality and free of irregularities or detrimental defects. No burrs shall appear on any part of the pin.
Acceptability	The acceptance procedure is covered in ISO 3269.

5 Designation

Example for the designation of an unhardened steel parallel pin with internal thread, nominal diameter $d_1 = 6$ mm and nominal length $l = 30$ mm :

Parallel pin ISO 8733 - 6 × 30 - St

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