



**SLOVENSKI STANDARD**  
**SIST EN 3150:2001**

**01-januar-2001**

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**Aerospace series - Pins, shoulder, headless, in heat resisting nickel base alloy NI-P100HT (Inconel 718)**

Aerospace series - Pins, shoulder, headless, in heat resisting nickel base alloy NI-P100HT (Inconel 718)

Luft- und Raumfahrt - Zylinderstifte mit Bund, aus hochwarmfester Nickelbasislegierung NI-P100HT (Inconel 718)

Série aérospatiale - Pieds de centrage épaulés, en alliage résistant a chaud a base de nickel NI-P100HT (Inconel 718)

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**Ta slovenski standard je istoveten z: EN 3150:1995**

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**ICS:**

49.030.40      Zatiči, žebli      Pins, nails

**SIST EN 3150:2001**      **en**

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EUROPEAN STANDARD

EN 3150

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1995

ICS 49.040.20

Descriptors: aircraft industry, locating pin, positioning, nickel alloy, heat resistant material, characteristic, dimension, designation

English version

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heat resisting nickel base alloy NI-P100HT  
(Inconel 718)**

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aus hochwarmfester Nickelbasislegierung  
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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.

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## CEN

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

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

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Ref. No. EN 3150:1995 E

## Foreword

**iTeh STANDARD PREVIEW**

This European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After inquiries and votes carried out in accordance with the rules of this Association, this standard has successively received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

This European Standard shall be given the status of a National Standard, either by publication of an identical text or by endorsement, at the latest by January 1996, and conflicting national standards shall be withdrawn at the latest by January 1996.

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

## 1 Scope

This standard specifies the characteristics of headless shoulder pins in NI-P100HT for aerospace applications.

NOTE : Installation holes EN 3368

## 2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- EN 2000 Aerospace series - Quality assurance - EN aerospace products - Approval of the quality system of manufacturers
- EN 2404 Heat resisting nickel base alloy NI-P100HT - Solution treated and precipitation treated - Bars - Aerospace series <sup>1)</sup>
- EN 2424 Aerospace series - Marking of aerospace products
- EN 3368 Aerospace series - Aerospace design standard - Holes for locating pins <sup>2)</sup>

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## 3 Required characteristics

### 3.1 Configuration - Dimensions - Tolerances - Masses

See figure 1 and table 1. Dimensions and tolerances are in millimetres.

### 3.2 Material

EN 2404

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1) Published as AECMA Standard at the date of publication of this standard

2) Published as AECMA Prestandard at the date of publication of this standard

3,2 / ( 0,8 / )

Break sharp edges 0,1 to 0,4

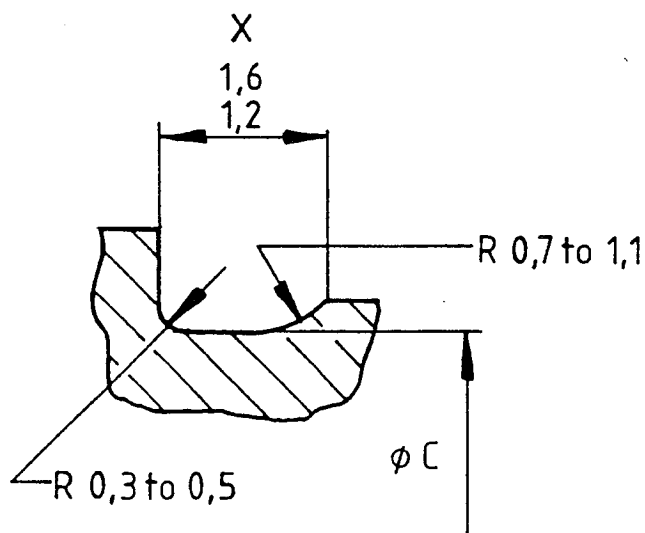
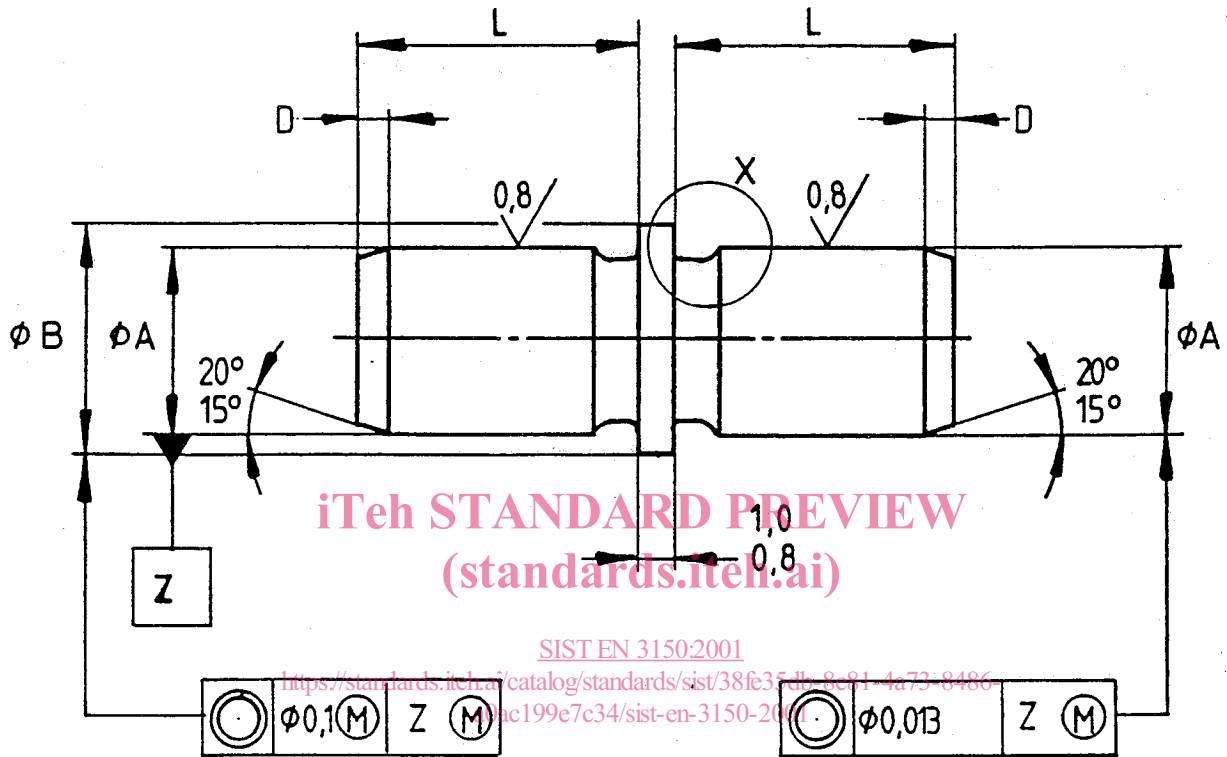


Figure 1

Table 1

Diameter code	A		B	C	D		Length code	L	Mass kg/1 000 pieces $\approx$
	nom.	Tol.	0 - 0,3	0 - 0,2	nom.	Tol.		0 - 0,25	
030	3	r6	4,1	2,6	0,5	$\pm 0,1$	055	5,5	0,717
							075	7,5	0,95
040	4	p6	5,1	3,6	1	$\pm 0,2$	055	5,5	1,257
								075	7,5
050	5		6,1	4,6	055	5,5	1,944		
						075	7,5	2,59	
060	6		7,1	5,6	055	5,5	2,783		
						075	7,5	3,729	
070	7		8,1	6,6	055	5,5	3,772		
						075	7,5	5,112	
080	8		9,1	7,6	055	5,5	4,912		
						075	7,5	6,565	
100	10	11,1	9,6	055	5,5	7,643			
					075	7,5	10,266		

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#### 4 Designation

EXAMPLE :

SIST EN 3150:2001  
<https://standards.iteh.ai/catalog/standards/sist/41725e35db-8e11-4c73-8186-a0ac199e7c34/sist-en-3150-2001>  
 Description block | Identity block

PIN

EN3150-080075

Number of this standard \_\_\_\_\_

Diameter code (see table 1) \_\_\_\_\_

Length code (see table 1) \_\_\_\_\_

NOTE : If necessary, the code I9005 shall be placed between the description block and the identity block.

#### 5 Marking

EN 2424, style G

#### 6 Quality assurance

EN 2000