# Aerospace series - Aerospace design standard - Holes for locating pins

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EESTI STANDARDIKESKUS
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## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

| | |
|---|---|
| Käesolev Eesti standard EVS-EN 3368:2008 sisaldab Euroopa standardi EN 3368:2008 ingliskeelset teksti. | This Estonian standard EVS-EN 3368:2008 consists of the English text of the European standard EN 3368:2008. |
| Standard on kinnitatud Eesti Standardikeskuse 20.06.2008 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas. | This standard is ratified with the order of Estonian Centre for Standardisation dated 20.06.2008 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation. |
| Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 02.04.2008. | Date of Availability of the European standard text 02.04.2008. |
| Standard on kättesaadav Eesti standardiorganisatsioonist. | The standard is available from Estonian standardisation organisation. |



**ICS** 49.030.01

**Võtmesõnad:**

EUROPEAN STANDARD

NORME EUROPÉENNE

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English Version

# Aerospace series - Aerospace design standard - Holes for locating pins

Série aérospatiale - Trous pour pieds de centrage - Normes de conception

Luft- und Raumfahrt - Löcher für Zylinderstifte - Konstruktionsnorm

This European Standard was approved by CEN on 3 November 2007.

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This European Standard exists 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 CEN Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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# Foreword

This document (EN 3368:2008) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, 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 October 2008, and conflicting national standards shall be withdrawn at the latest by October 2008.

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## 1 Scope

This standard provides particulars of hole sizes and associated fitting conditions to suit locating pins EN 3150 and EN 3151 series.

## 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 3150, *Aerospace series — Pins, shoulder, headless, in heat resisting nickel base alloy NI-P100HT (Inconel 718)*

EN 3151, Aerospace *series — Dowels, plain, in heat resisting nickel base alloy NI-P100HT (Inconel 718)*

## 3 Locating pins

Table 1 gives the nominal locating pin diameters, their tolerance grade and tolerance sizes.

**Table 1**

Dimensions in millimetres

| Nominal pin diameter | Tolerance grade | Tolerance | |
|---|---|---|---|
| | | + max. | + min. |
| **3** | r6 | + 0,016 | + 0,010 |
| **4** | p6 | + 0,020 | + 0,012 |
| **5** | | | |
| **6** | | | |
| **7** | | + 0,024 | + 0,015 |
| **8** | | | |
| **10** | | | |

## 4 Hole sizes, positional tolerances and chamfer sizes

**4.1** Refer to Figure 1 for typical callout.

**4.2** Hole sizes shall be in accordance with Clause 7, Table 2 and Clause 8, Table 3.

**4.3** Positional tolerances for holes shall be in accordance with Clause 7, Table 2, Clause 9, Table 4 and Clause 10, Table 5.

**4.4** Chamfers shall be in accordance with Figure 3.