



# SLOVENSKI STANDARD SIST EN 4355:2008

01-junij-2008

---

5 YfcbUj h\_U! üYgmcVUj Xc`V]bUžbcfUb]`dc[ cb`!`BUghUj\_]`nU]nj ]`U YžbcfUb]`  
Yh YfcfcVb]`nUj ]`U\_Y

Aerospace series - Six lobe recess - Drivers, socket

Luft- und Raumfahrt - Sechs-Bogenzahn, Innenantrieb - Schraubendrehereinsätze, mit Innenvierkant für Schrauben

Série aérospatiale - Empreinte six lobes - Embouts de tournevis - Carré d'entraînement

Ta slovenski standard je istoveten z: **EN 4355:2008**

SIST EN 4355:2008  
<https://standards.iteh.ai/catalog/standards/sist/0dbcb80a-e953-4ace-8f55-022da37f0762/sist-en-4355-2008>

## ICS:

49.030.99      Drugi vezni elementi      Other fasteners

**SIST EN 4355:2008**

**en**

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

SIST EN 4355:2008

<https://standards.iteh.ai/catalog/standards/sist/0dbcb86a-e953-4aee-8f55-022da37f0762/sist-en-4355-2008>

ICS 49.030.99

English Version

## Aerospace series - Six lobe recess - Drivers, socket

Série aérospatiale - Empreinte six lobes - Embouts de  
tournevis - Carré d'entraînement

Luft- und Raumfahrt - Sechs-Bogenzahn, Innenantrieb -  
Schraubendrehereinsätze, mit Innenvierkant für Schrauben

This European Standard was approved by CEN on 26 August 2006.

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 CEN Management Centre or to any CEN member.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

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

SIST EN 4355:2008  
<https://standards.iteh.ai/catalog/standards/sist/0dbcb86a-e953-4ace-8f55-022da37f0762/sist-en-4355-2008>



EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

## Contents

Page

|  |   |
|--|---|
| Foreword.....  | 3 |
| 1 Scope .....  | 4 |
| 2 Normative references .....                               | 4 |
| 3 Required characteristics.....                            | 4 |
| 3.1 Configuration - Dimensions - Tolerances - Masses ..... | 4 |
| 3.2 Materials .....  | 4 |
| 4 Designation .....  | 6 |
| 5 Marking .....  | 6 |
| 6 Technical specification .....                            | 6 |

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

SIST EN 4355:2008

<https://standards.iteh.ai/catalog/standards/sist/0dbcb86a-e953-4aee-8f55-022da37f0762/sist-en-4355-2008>

## Foreword

This document (EN 4355:2008) 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 September 2008, and conflicting national standards shall be withdrawn at the latest by September 2008.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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

SIST EN 4355:2008

<https://standards.iteh.ai/catalog/standards/sist/0dbcb86a-e953-4aee-8f55-022da37f0762/sist-en-4355-2008>

## 1 Scope

This standard specifies the characteristics of drivers, socket, six lobe recess, for aerospace applications.

## 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.

ISO 1174-1, *Assembly tools for screws and nuts — Driving squares — Part 1: Driving squares for hand socket tools.*

ISO 1174-2, *Assembly tools for screws and nuts — Driving squares — Part 2: Driving squares for power socket tools.*

EN 2424, *Aerospace series — Marking of aerospace products.*

EN 4359, *Aerospace series — Six lobe recess — Drivers — Technical specification.*

## 3 Required characteristics

### 3.1 Configuration - Dimensions - Tolerances - Masses

See Figures 1 and 2 and Tables 1 and 2. Dimensions and tolerances are in millimetres.

Specification for driving square, see ISO 1174-1 and ISO 1174-2.

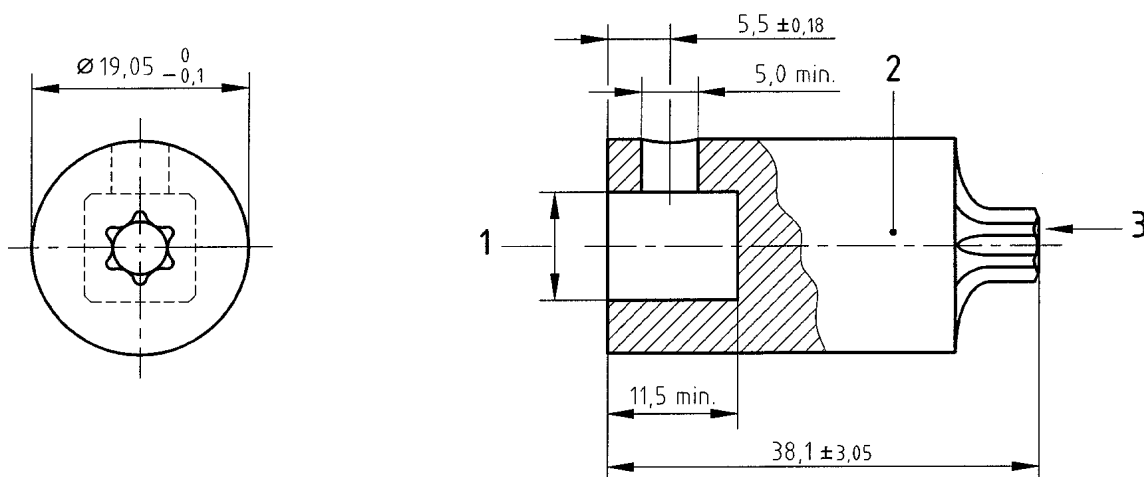
### 3.2 Materials

The material quality is left at the manufacturer's option but shall meet the requirements of EN 4359.

iTeh STANDARD PREVIEW  
(standards.iteh.ai)

SIST EN 4355:2008

<https://standards.iteh.ai/catalog/standards/sist/0dcb86a-e953-4aee-8f55-022da37f0762/sist-en-4355-2008>



**Key**

- 1 Square drive, see ISO 1174-1 and ISO 1174-2.
- 2 Marking.
- 3 Driver tip dimensions, see Figure 2 and Table 2.

**Figure 1 — Driver configuration**  
 (standards.iteh.ai)

**Table 1 — Driver dimensions**

| Driver recess sizes available |
|-------------------------------|
| Recess code                   |
| 40                            |
| 45                            |
| 50                            |
| 55                            |
| 60                            |

<https://standards.iteh.ai/catalog/standards/sist/0d1bcb86a-e953-4aee-8f55-022da37f0762/sist-en-4355-2008>

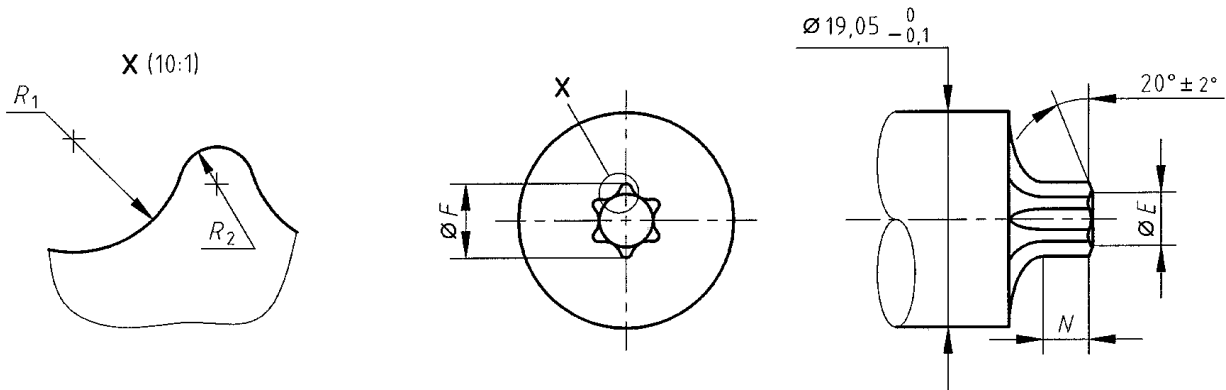


Figure 2 — Driver tip configuration

Table 2 — Driver tip dimensions

| Recess code | <i>E</i><br>max. | <i>F</i><br>± 0,05 | <i>N</i><br>min. | <i>R</i> <sub>1</sub><br>rad. | <i>R</i> <sub>2</sub><br>rad. |
|-------------|------------------|--------------------|------------------|-------------------------------|-------------------------------|
| 40          | 4,75             | 6,60               | 3,30             | 1,47                          | 0,51                          |
| 45          | 5,54             | 7,77               | 3,81             | 1,83                          | 0,54                          |
| 50          | 6,35             | 8,79               | 4,57             | 1,85                          | 0,74                          |
| 55          | 7,94             | 11,18              | 5,08             | 2,71                          | 0,88                          |
| 60          | 9,45             | 13,21              | 7,62             | 2,94                          | 1,01                          |

SIST EN 4355:2008

<https://standards.iteh.ai/catalog/standards/sist/0dbcb86a-e953-4ace-8f55-022da37f0762/sist-en-4355-2008>

## 4 Designation

EXAMPLE

| Description block               | Identity block |
|---------------------------------|----------------|
| DRIVER, SOCKET, SIX LOBE RECESS | EN4355-55      |

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

Recess 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 A, as indicated on Figure 1.

## 6 Technical specification

EN 4359