

# SVENSK STANDARD

## SS-ISO 10649-2:2015



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### **Skärande verktyg – Fräsdorn med plankil – Del 2: Mått och beteckning för verktygshållare med verktygskoppling med flänskontakt (ISO 10649-2:2013, IDT)**

### **Cutter arbors with parallel key and tenon drive – Part 2: Dimensions and designation of tool holders with taper interface with flange contact surface (ISO 10649-2:2013, IDT)**

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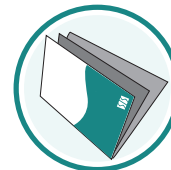
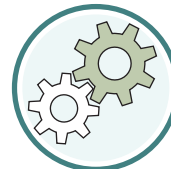
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Den internationella standarden ISO 10649-2:2013 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av ISO 10649-2:2013.

Denna standard ersätter SS-ISO 10649-2:2010, utgåva 1.

The International Standard ISO 10649-2:2013 has the status of a Swedish Standard. This document contains the official English version of ISO 10649-2:2013.

This standard supersedes the Swedish Standard SS-ISO 10649-2:2010, edition 1.

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Denna standard är framtagen av kommittén för Skärande verktyg, SIS/TK 273.

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## 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. [www.iso.org/directives](http://www.iso.org/directives)

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. [www.iso.org/patents](http://www.iso.org/patents)

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

The committee responsible for this document is ISO/TC 29, *Small tools*, Subcommittee SC 2, *High speed steel cutting tools and their attachments*.

This second edition cancels and replaces the first edition (ISO 10649-2:2010), of which it constitutes a minor revision with the following changes:

- addition of [Annex A](#), which gives the relationship between the symbols of this part of ISO 10649 and the symbols according to the ISO 13399 series.

ISO 10649 consists of the following parts, under the general title *Cutter arbors with parallel key and tenon drive*:

- *Part 1: General dimensions*
- *Part 2: Dimensions and designation of tool holders with taper interface with flange contact surface*
- *Part 3: Dimensions and designation of tool holders with 7/24 taper for automatic tool changer*
- *Part 4: Dimensions and designation of tool holders with 7/24 taper without automatic tool changer*
- *Part 5: Dimensions and designation of tool holders with polygonal taper interface with flange contact surface*
- *Part 6: Dimensions and designation of tool holders with modular taper interface with ball track system*

## **Introduction**

The aim of ISO 10649 (all parts) is to specify the main dimensions for tool holders for this type of interface, and prevent the risk of collision when exchanging the assembled tool within the machine tools.

