
**Collets with 8° setting angle for tool
shanks — Collets, nuts and fitting
dimensions**

*Pinces de serrage avec angle de réglage de 8° pour queues d'outil —
Pinces, écrous de serrage et dimensions d'assemblage*



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Printed in Switzerland

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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International ISO 15488 was prepared by Technical Committee ISO/TC 29, *Small tools*.

Annex A forms an integral part of this International Standard.

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Collets with 8° setting angle for tool shanks — Collets, nuts and fitting dimensions

1 Scope

This International Standard specifies the dimensions, materials and manufacturing requirements, and designation of collets for tools with parallel shanks and their corresponding holders and nuts. For non-standardized clamping devices, such as clamping devices specified in drawings, these holders can be agreed upon between customer and supplier.

Form A applies to milling and any other application where a hard collet bore is required, provided that the clamping range of h10 be sufficient.

Form B applies for general purpose where an extended clamping range is required.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 2768-1:1989, *General tolerances - Part 1: Tolerances for linear and angular dimensions without individual tolerance indications.*

3 Dimensions

Collets, holders and nuts need not correspond to figures 1 to 3 ; only the given dimensions shall be complied with.

General tolerances: ISO 2768-1 - m