INTERNATIONAL STANDARD

ISO 10145-2

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End mills with brazed helical hardmetal tips —

Part 2: Dimensions of end mills with 7/24 taper shank

Fraises cylindriques deux tailles à plaquettes hélicoïdales en métaux-durs, brasées —

Partie 2: Dimensions des fraises à queue cône 7/24

Reference number
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Foreword

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: Foreword - Supplementary information.

The committee responsible for this document is ISO/TC 29, *Small tools*, Subcommittee SC 9, *Tools with defined cutting edges, cutting items*.

This second edition cancels and replaces the first edition (ISO 10145-2:1993), which constitutes a minor revision.

ISO 10145 consists of the following parts, under the general title *End mills with brazed helical hardmetal tips*:

— *Part 1: Dimensions of end mills with parallel shank*

— *Part 2: Dimensions of end mills with 7/24 taper shank*

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End mills with brazed helical hardmetal tips —

Part 2:
Dimensions of end mills with 7/24 taper shank

1 Scope

This part of ISO 10145 specifies the general dimensions of end mills with brazed helical hardmetal tips, with 7/24 taper shank.

The following two types of end mills with 7/24 taper shank are specified:

— end mills with 7/24 taper shank for manual changing;

— end mills with 7/24 taper shank for automatic tool changers.

This part of ISO 10145 applies to right-hand and left-hand end mills, irrespective of helix angle and number of flutes.

2 Normative references

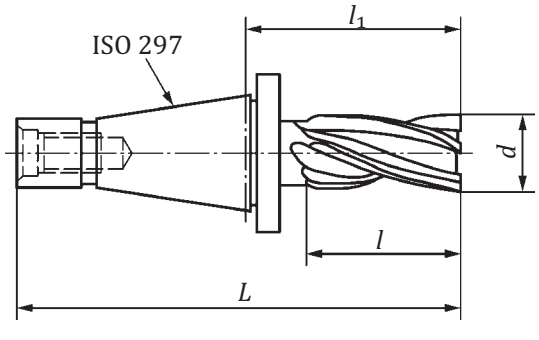
The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 297, *7/24 tapers for tool shanks for manual changing*

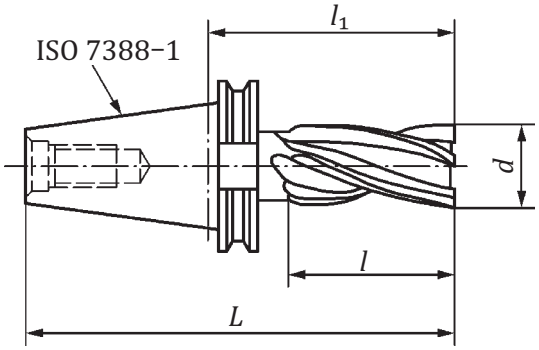
ISO 7388–1, *Tool shanks with 7/24 taper for automatic tool changers — Part 1: Dimensions and designation of shanks of forms A, AD, AF, U, UD and UF*

3 Dimensions

The dimensions for end mills as shown in Figure 1 are specified in Table 1.



Type 1: With 7/24 taper shank for manual changing, in accordance with ISO 297



Type 2: With 7/24 taper shank for automatic tool changers, in accordance with ISO 7388-1

Figure 1 — Dimensions for end mills

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