
**Machine taper pin reamers with
parallel shanks**

*Alésoirs à machine pour trous de goupilles coniques, à queue
cylindrique*



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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 (see www.iso.org/directives).

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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, *Cutting tools with defined cutting edges, cutting items*.

This second edition cancels and replaces the first edition (ISO 3466:1975), of which it constitutes a minor revision.

Machine taper pin reamers with parallel shanks

1 Scope

This International Standard lays down the dimensions of machine taper pin reamers with parallel shanks.

It covers only metric dimensions, which are the only recommended dimensions in the future for these types of reamers.

The reamers have been designed to produce holes for taper pins manufactured to ISO 2339, in the range of 2 mm to 12 mm nominal diameter.

Unless otherwise stated, these reamers will be right-hand cutting.

The flutes may be straight or left-hand spiral at the option of the manufacturer.

Hand taper pin reamers are dealt with in ISO 3465, and machine taper pin reamers with Morse taper shanks in ISO 3467.

2 Normative references

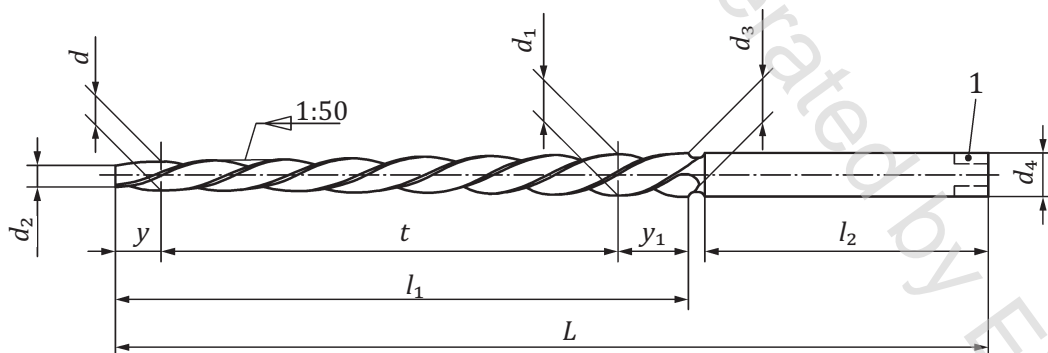
The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 4203, *Parallel shank tools — Driving tenons and sockets — Dimensions*

3 Driving tenons

The dimensions of the driving tenons for machine taper pin reamers with parallel shanks, when required, shall be in accordance with ISO 4203.

4 Dimensions



Key

1 tenon dimensions in accordance with ISO 4203

Figure 1