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Machine bridge reamers

Alésoirs de chaudronnerie, à machine



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Foreword

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The main task of technical committees is to prepare International Standards. 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.

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.

ISO 2238 was prepared by Technical Committee 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 2238:1972), of which it constitutes a minor revision. In particular, the normative references have been updated and the dimensions in inches have been deleted.

Machine bridge reamers

1 Scope

This International Standard specifies the dimensions of machine bridge reamers. It gives, for a series of diameter ranges, d_1 , from 6 mm to 50,8 mm, the values, in millimetres, for the following dimensions of these tools:

- overall length, l_3 ;
- total cutting edge length, l_2 ;
- tapered cutting edge length, l_1 .

Unless otherwise stated, these reamers are right-hand cutting.

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 296, *Machine tools — Self-holding tapers for tool shanks*

3 Dimensions

3.1 General

The Morse taper shanks shall be in accordance with ISO 296.

All dimensions and tolerances are given in millimetres.

3.2 Dimensions of machine bridge reamers

The dimensions of machine bridge reamers shall be in accordance with the indications given in Figure 1 and Table 1.