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Cylindrical shank twist drills — Long series

Forets à queue cylindrique — Série longue

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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 voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 9, *Tools with defined cutting edges, cutting items.*

This third edition cancels and replaces the second edition (ISO 494:2009), of which it constitutes a minor revision with the following change:

— added Annex A, giving the relationship between the symbols of this document and the symbols according to the ISO 13399 series.

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Cylindrical shank twist drills — Long series

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1 Scope

This document specifies the dimensions of cylindrical shank twist drills having working lengths in the long series.

The cylindrical shank jobber and stub series drills and Morse taper shank drills are given in ISO 235.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at http://www.iso.org/obp

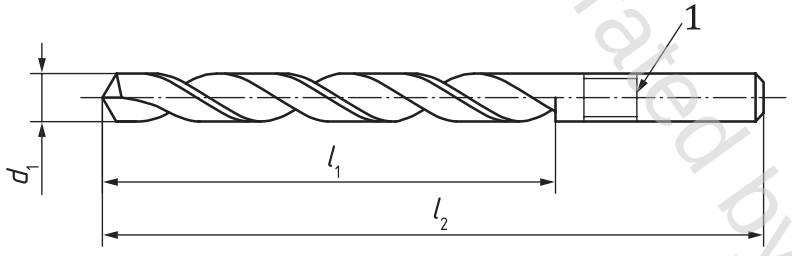
4 Dimensions

4.1 General

All dimensions and tolerances are given in millimetres.

4.2 General dimensions

The dimensions of cylindrical shank twist drills shall be in accordance with the dimensions shown in Figure 1 and given in Table 1.



Key

1 recess optional

Figure 1 — Dimensions of cylindrical shank twist drill

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