
**Tools for moulding — Tool
specification sheet for injection moulds**

*Outillage de moulage — Formulaire de spécifications d'outils pour
moules d'injection*

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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).

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. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

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 8, *Tools for pressing and moulding*.

This second edition cancels and replaces the first edition (ISO 16916:2004), which has been technically revised. Additional information has been added to Clause 5 in "4.5 Demoulding".

Tools for moulding — Tool specification sheet for injection moulds

1 Scope

This International Standard defines the description and specification of injection moulds to be used when requesting tools (stage of tender) and ordering tools. This International Standard gives data for material acquisition, equipment, structural design of injection moulds including the surfaces of the tool. Information relating to machine-specific data, types of operation and warranty is also contained in this specification sheet.

This International Standard does not apply to compression moulds and die casting dies.

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 12165:2000, *Tools for moulding — Components of compression and injection moulds and diecasting dies — Terms and symbols*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO 12165 apply.

4 Use of the specification sheet

By using this specification sheet, the offers of various suppliers can be compared with each other. In consideration of these specification misunderstandings, misinterpretations or claims to damages shall already be eliminated or minimized at the time when the tools are ordered.

The user of this specification sheet is permitted to make copies.