
**Tools for moulding — Components of
compression and injection moulds and
diecasting dies — List of equivalent
terms and symbols**

*Outillage de moulage — Composants des moulages par compression,
moules d'injection et moules pour fonderie sous pression — Termes et
symboles*

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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 of 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 www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 8, *Tools for pressing and moulding*.

This second edition cancels and replaces the first edition (ISO 12165:2000) which has been technically revised.

The main change compared to the previous edition is the addition of the reference to ISO 16915.

In addition to text written in two of the three official ISO languages (English and French), this document gives text in German and Swedish. This text is published under the responsibility of the member bodies for Germany (DIN) and Sweden (SIS) and is given for information only. Only the text given in the official languages can be considered as ISO text.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Tools for moulding — Components of compression and injection moulds and diecasting dies — List of equivalent terms and symbols

1 Scope

This document specifies the terms generally in use for components of compression and injection moulds and diecasting dies. The function of these components is shown in [Figure 1](#) to [Figure 30](#).

NOTE The figures are given as examples.

The purpose of this document is to introduce coherent terms in professional terminology particularly with regard to the use in CAD (Computer Aided Drafting).

Various symbols are specified for simplified representation on technical drawings.

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:

— ISO Online browsing platform: available at <https://www.iso.org/obp>

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

4 Nomenclature for components

4.1 Plates

[Table 1](#) gives the equivalent terms related to plates in English, French, German and Swedish and provides for each listed component, the key and the reference of the figure where this component is shown and the reference of ISO standard of this component, when it exists.

Table 1 — Nomenclature related to plates

Designation				Relevant Figure	Relevant key	ISO reference
English	French	German	Swedish			
clamping plate, overhanging with centring recess	semelle débordante avec logement pour bague de centrage	Aufspannplatte, überstehend mit Zentrierausdrehung	fästplatta, överhängande, med centreringsursvarvning	11	1	ISO 6753-2
clamping plate, overhanging without centring recess	semelle débordante sans logement pour bague de centrage	Aufspannplatte, überstehend ohne Zentrierausdrehung	fästplatta, överhängande, utan centreringsursvarvning	11	2	ISO 6753-2
clamping plate, flush with centring recess	semelle non débordante avec logement pour bague de centrage	Aufspannplatte, bündig mit Zentrierausdrehung	fästplatta, utan överhäng, med centreringsursvarvning	11	3	ISO 6753-2
clamping plate, flush without centring recess	semelle non débordante sans logement pour bague de centrage	Aufspannplatte, bündig ohne Zentrierausdrehung	fästplatta, utan överhäng, utan centreringsursvarvning	11	4	ISO 6753-2
cavity plate, fixed half	plaque porte-empreinte, partie fixe	Formplatte, feste Seite	formplatta fast sida	11	5	ISO 6753-2
cavity plate, moving half	plaque porte-empreinte, partie mobile	Formplatte, bewegliche Seite	formplatta rörlig sida	11	6	ISO 6753-2
intermediate plate	plaque intermédiaire	Zwischenplatte	stödplatta	11	7	ISO 6753-2
ejector retainer plate	plaque d'éjection	Auswerferhalteplatte	utstötarfästplatta	11	8	ISO 6753-2
ejector base plate	contre-plaque d'éjection	Auswerfergrundplatte	utstötargrundplatta	11	9	ISO 6753-2
riser	tasseau	Leisten	linjal	11	10	ISO 6753-2