

INTERNATIONAL STANDARD

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Tools for pressing and moulding — Machined plates —

Part 2: Machined plates for moulds

*Outillage de presse et de moulage — Plaques usinées —
Partie 2: Plaques usinées pour moules*



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.

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.

International Standard ISO 6753-2 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee 8, *Tools for pressing and moulding*.

Together with ISO 6753-1, it cancels and replaces ISO 6753:1982, which has been technically revised.

ISO 6753 consists of the following parts, under the general title *Tools for pressing and moulding - Machined plates*:

- *Part 1: Machined plates for press tools, jigs and fixtures*
- *Part 2: Machined plates for moulds*

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Tools for pressing and moulding — Machined plates —

Part 2: Machined plates for moulds

1 Scope

This part of ISO 6753 specifies the dimensions and tolerances, in millimetres, of machined plates for moulds of the following types:

- type A: clamping plates;
- type B: cavity plates;
- type C: intermediate plates;
- type D: ejector plates;
- type E: risers.

It gives guidance relative to materials and hardness and specifies the designation of machined plates in accordance with this part of ISO 6753.

2 Dimensions

2.1 Clamping plates (type A), cavity plates (type B) and intermediate plates (type C)

See figure 1 and table 1.

2.2 Ejector plates (type D) and risers (type E) assigned to the size of plates

See figure 2 and table 2.

2.3 Tolerances, limit deviations and surface roughness

See table 3.

3 Material and corresponding hardness

The material and hardness are left to the manufacturer's discretion.