

INTERNATIONAL STANDARD

ISO
9183-2

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Tools for pressing — Wear plates for press dies —

Part 2: Type B

*Outillage de presse — Plaques de frottement —
Partie 2: Type B*



Reference number
ISO 9183-2:1993(E)

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 9183-2 was prepared by Technical Committee ISO/TC 29, *Small tools*, Sub-Committee SC 8, *Tools for pressing and moulding*.

ISO 9183 consists of the following parts, under the general title *Tools for pressing* — *Wear plates for press dies*:

- Part 1: Type A
- Part 2: Type B

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Tools for pressing — Wear plates for press dies —

Part 2: Type B

1 Scope

This part of ISO 9183 specifies the basic dimensions and tolerances, in millimetres, of wear plates, type B, intended for use mainly in large presses. It also specifies the size and positions of the clearance holes for attachment.

It gives guidance on the materials and hardness and specifies the designation of wear plates for press dies, type B, which meet the requirements of this part of ISO 9183.

2 Dimensions

See figures 1 and 2 and table 1.

3 Material and corresponding hardness

Material and hardness are left to the manufacturer's discretion.

4 Designation

Wear plates in accordance with this part of ISO 9183 shall be designated by:

- a) "wear plate";
- b) reference to this part of ISO 9183;
- c) its type (B);
- d) its width, b_1 , in millimetres;
- e) its length, l_1 , in millimetres.

EXAMPLE

The designation for a wear plate for press dies, type B, of width $b_1 = 70$ mm and length $l_1 = 100$ mm is as follows:

Wear plate ISO 9183-2 B - 70 × 100

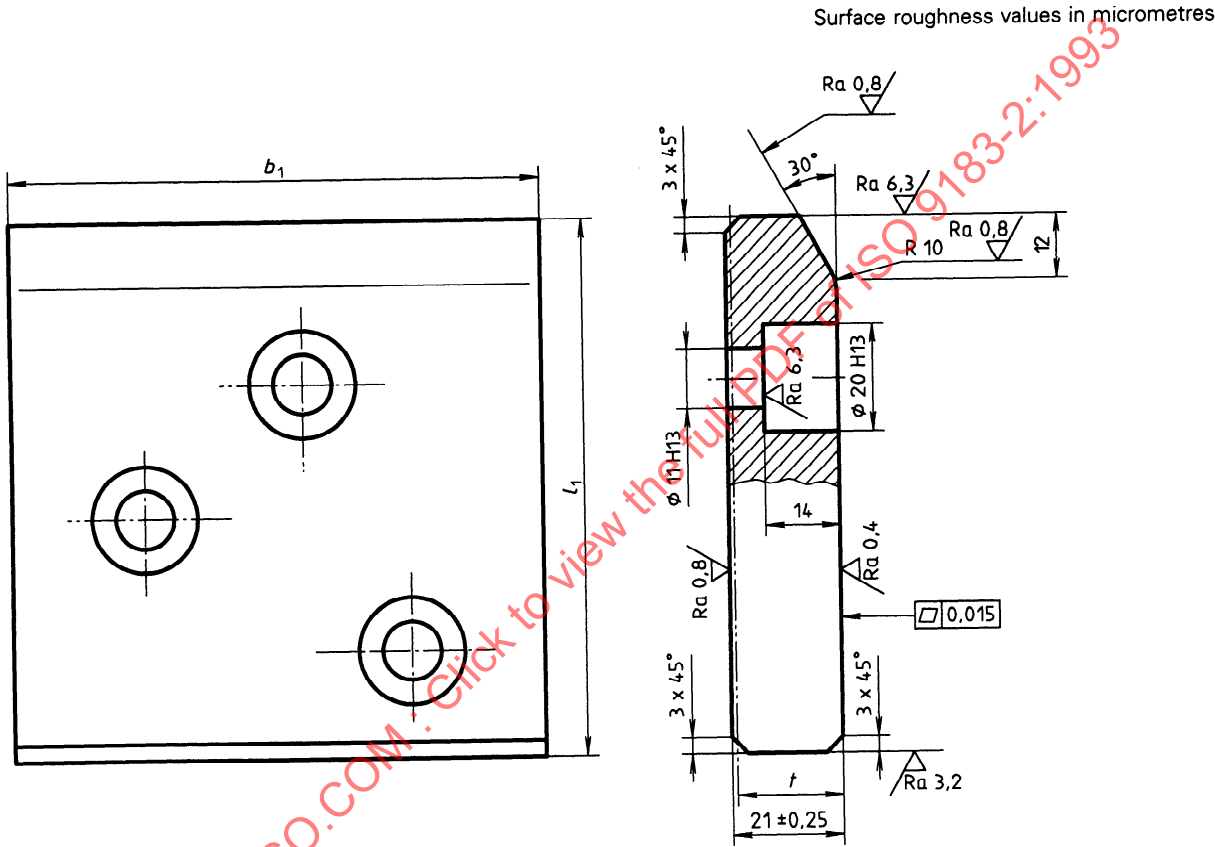


Figure 1 — Dimensions

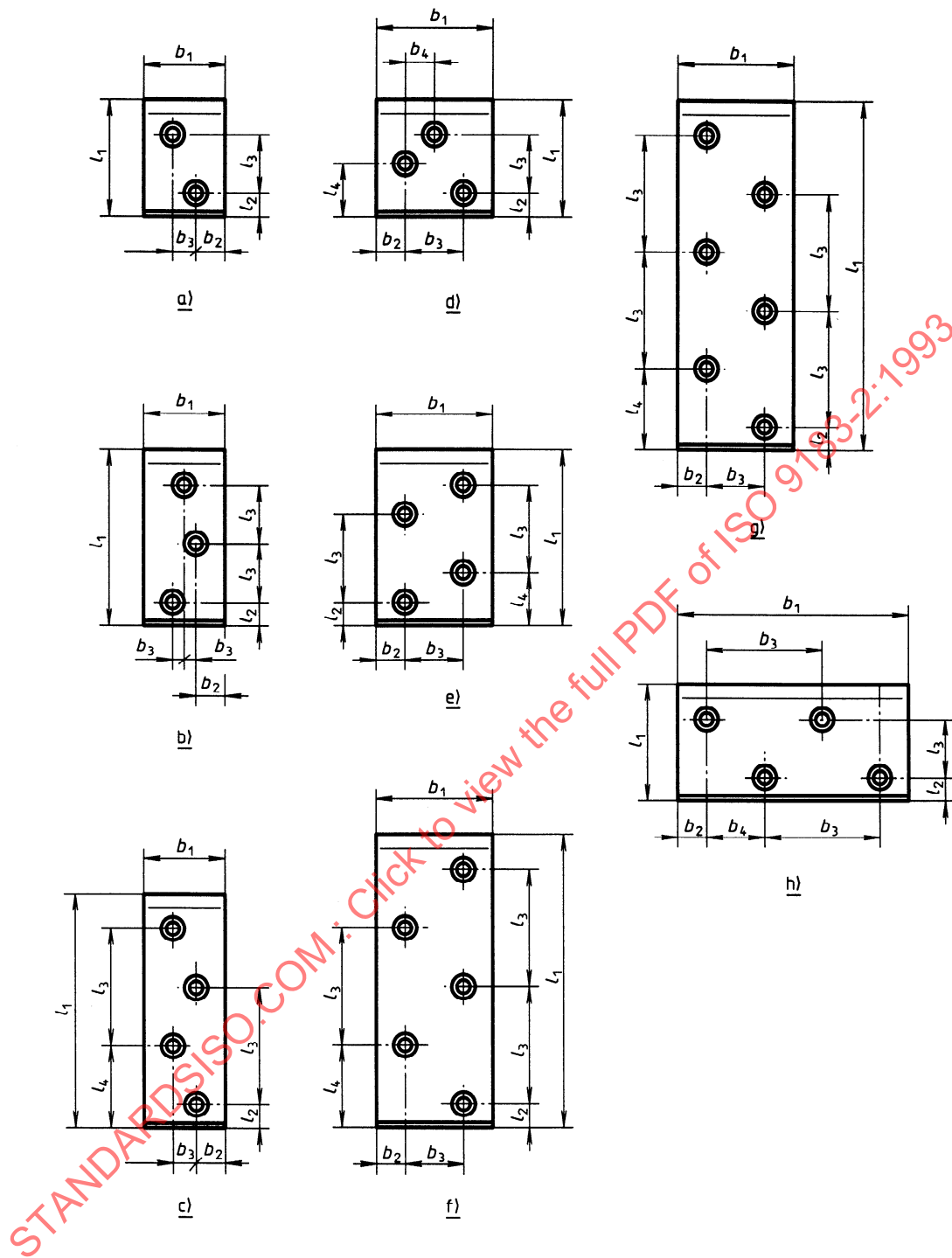


Figure 2 — Clearance hole patterns

Table 1

b_1 0 -2	l_1 $\pm 0,1$	t nom.	b_2 $\pm 0,25$	b_3 $\pm 0,1$	b_4 $\pm 0,1$	l_2 $\pm 0,1$	l_3 $\pm 0,1$	l_4 $\pm 0,1$	Figure	Number of clearance holes for attachment
70	100 150 200	20	25	20 10 20	— — —	20	50 50 100	— — 70	2 a) 2 b) 2 c)	2 3 4
100	100 150 200 250 300			50 50 50 50 50	30 — — — —		50 75 100 100 100	45 45 70 70 70	2 d) 2 e) 2 c) 2 f) 2 g)	3 4 4 5 6
150	100 150 200 250 300			75 100 100 100 100	25 — — — —		50 75 100 100 100	— 45 70 70 70	2 h) 2 e) 2 c) 2 f) 2 g)	4 4 4 5 6
200	100						100	50		50