

INTERNATIONAL
STANDARD

ISO
9183-2

First edition
1993-08-01

**Tools for pressing — Wear plates for press
dies —**

Part 2:

Type B

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Outillage de presse — Plaques de frottement —

Partie 2: Type B
<https://standards.iteh.ai/en/standards/sist/81aade3c-7f95-4690-919e-3a9580031832/iso-9183-2-1993>



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

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](http://standards.iteh.ai/catalog/standards/sist/81aade3c-7f95-4690-919e-3a9580031832/iso-9183-2-1993) ISO 9183-2:1993

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

Surface roughness values in micrometres

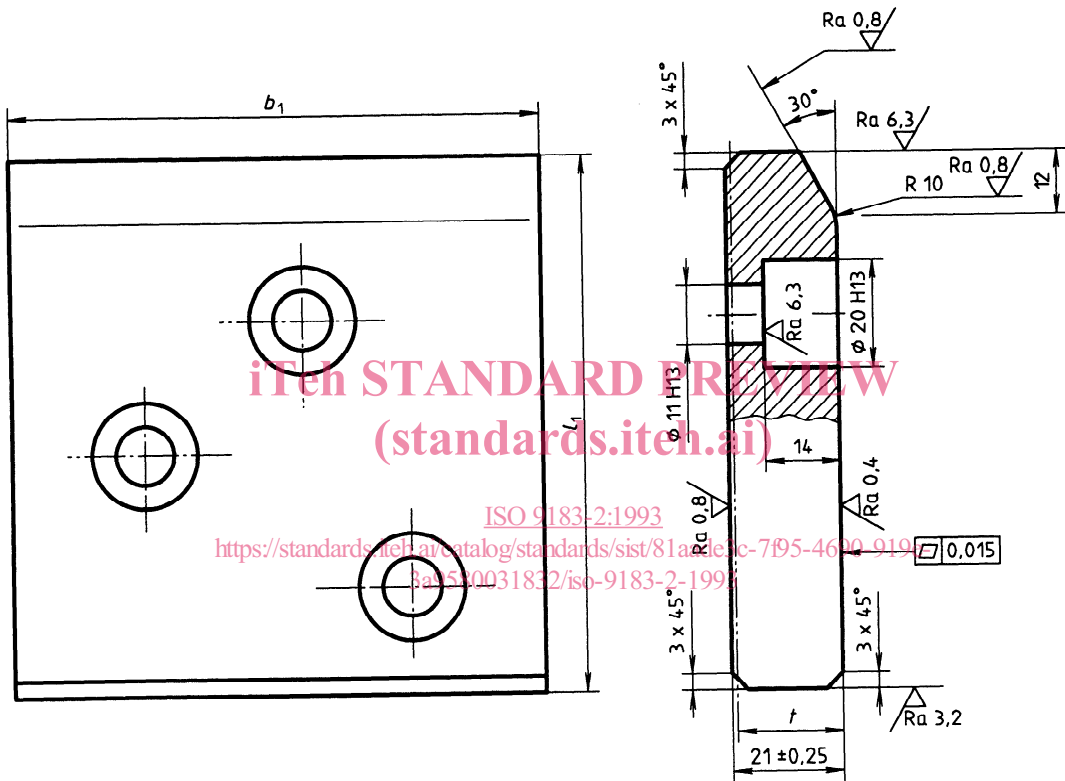


Figure 1 — Dimensions

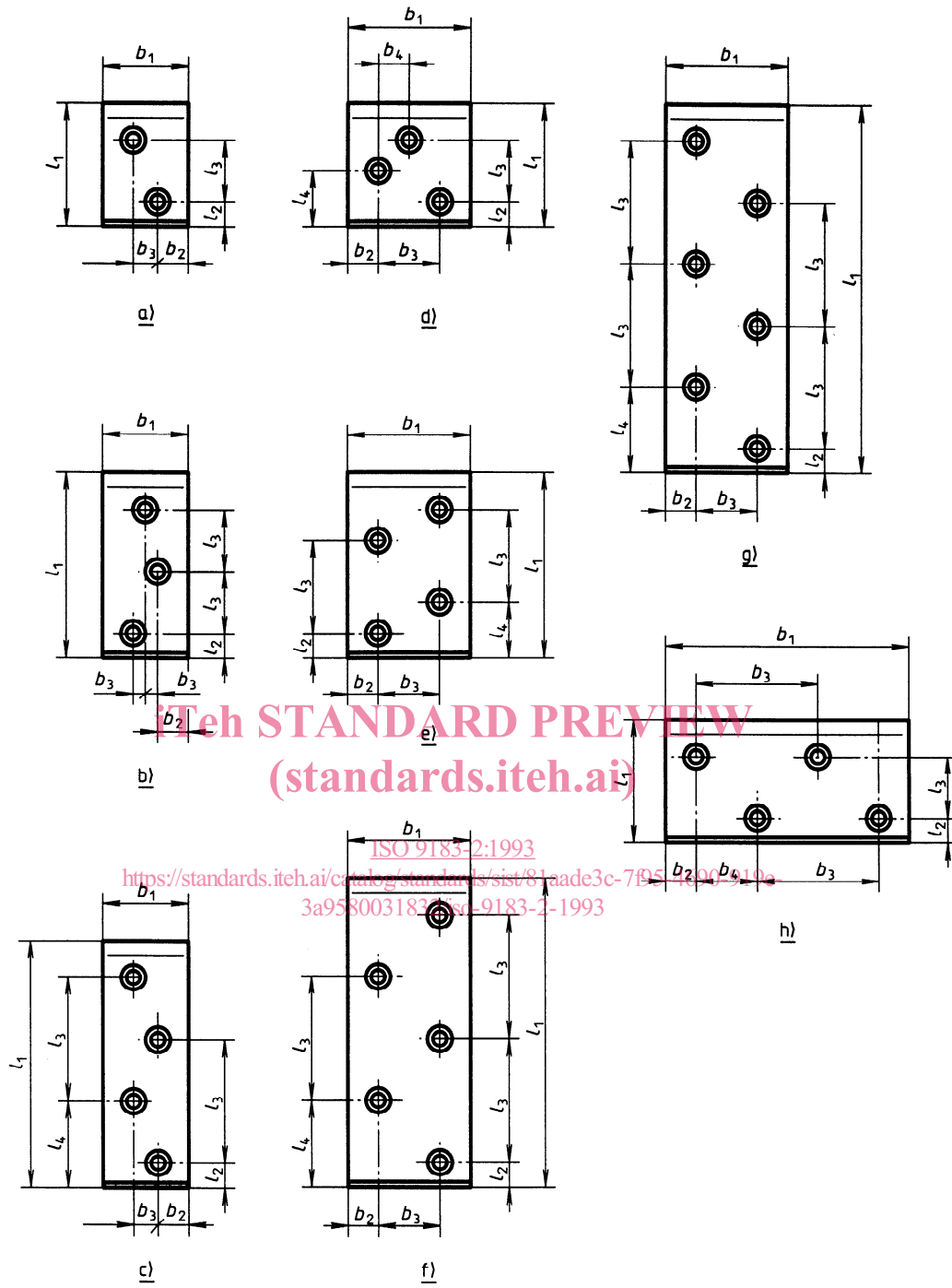


Figure 2 — Clearance hole patterns

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	—	20	50	—	2 a)	2
				10	—		50	—	2 b)	3
				20	—		100	70	2 c)	4
100	100 150 200 250 300			50	30		50	45	2 d)	3
				50	—		75	45	2 e)	4
				50	—		100	70	2 c)	4
				50	—		100	70	2 f)	5
				50	—		100	70	2 g)	6
150	100 150 200 250 300			75	25		50	—	2 h)	4
				100	—		75	45	2 e)	4
				100	—		100	70	2 c)	4
				100	—		100	70	2 f)	5
		100	—	100	70	2 g)	6			
200	100	100	50	50	—	2 h)	4			

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