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Tools for pressing — Sliding plates

Outillage de presse — Plaques de retenue

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Foreword

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International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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.

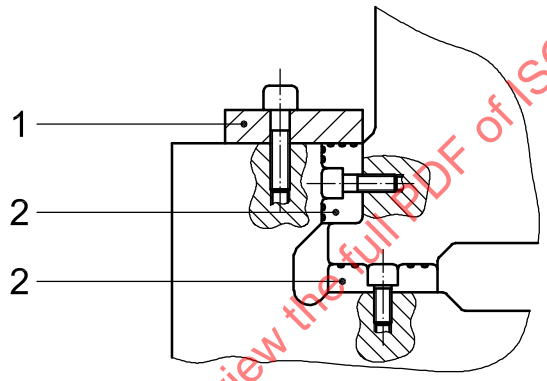
ISO 23480 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 8, *Tools for pressing and moulding*.

Tools for pressing — Sliding plates

1 Scope

This International Standard specifies the main dimensions and tolerances of sliding plates, to be used in press tools (an application example is shown in Figure 1).

It also specifies the designation of sliding plates.



Key

1 sliding plates, type A
2 sliding plates, type B

Figure 1 — Application example of sliding plates

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 2768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications*

ISO 4762, *Hexagon socket head cap screws*

ISO 13715, *Technical drawings — Edges of undefined shape — Vocabulary and indications*

3 Dimensions

3.1 Type A, one-face sliding plates

The dimensions of one-face sliding plates, type A, shall conform to the indications in Figure 2 and Table 1.

All edges of undefined shape shall be in accordance with ISO 13715.

General tolerance: ISO 2768m
dimensions in millimetres
surface roughness values in micrometers

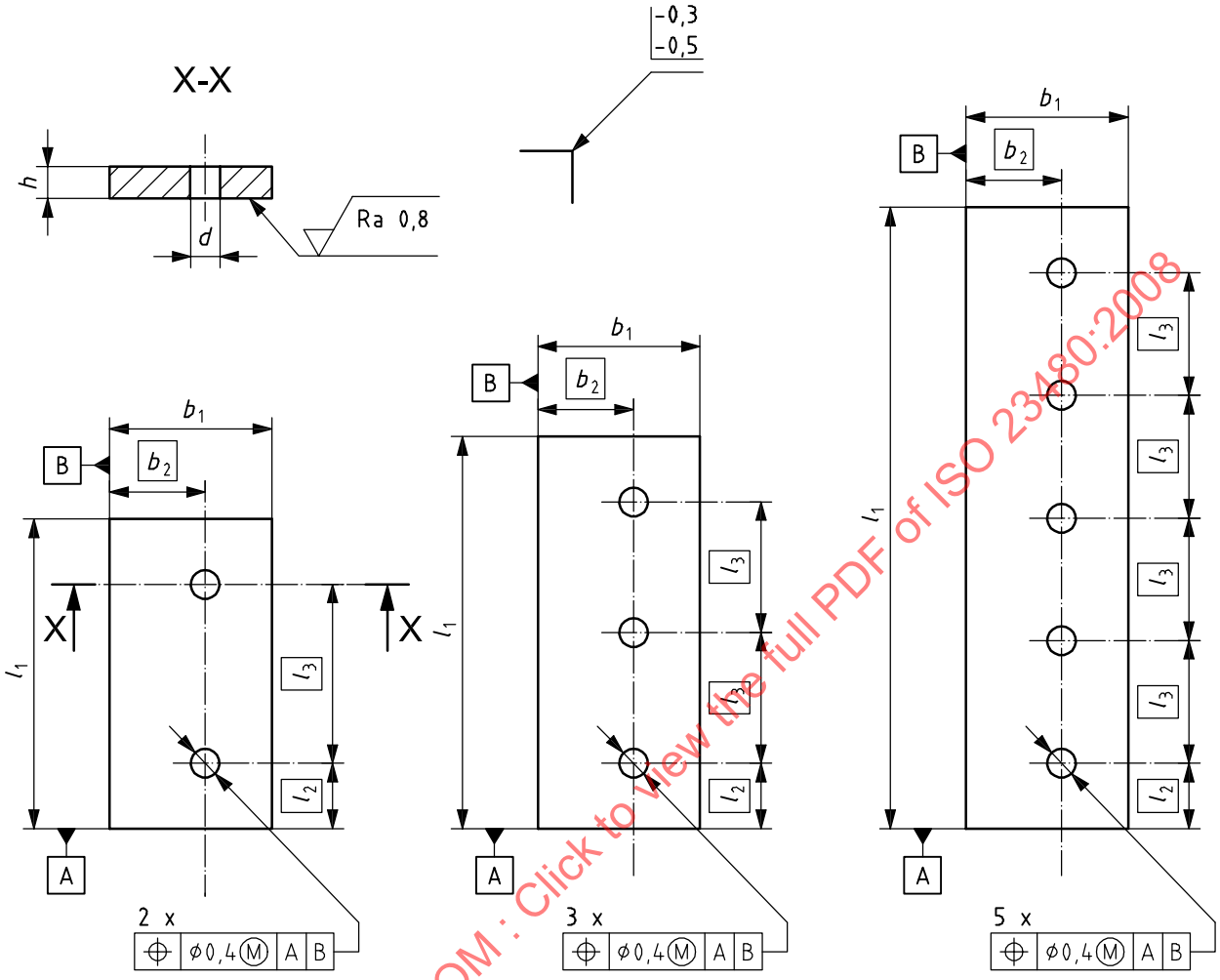


Figure 2 — Type A, one-face sliding plates

Table 1 — Dimensions of one-face sliding plates, type A

Dimensions in millimetres

b_1 $^{0}_{-0,2}$	h ± 0,2	l_1 ± 0,2	b_2	l_2	l_3	l_4	$\varnothing d$	Hexagon socket	
								ISO 4762	pieces
35	10	160	20	45	70	–	11	M10 × 30	2
		200			110	–			
		250			80	–			3
45	15	160	30	45	70	–	13,5	M12 × 40	2
		200			110	–			
		250			80	–			3
55	15	160	35	45	70	–	17,5	M16 × 50	2
		200			110	–			
		250			80	–			3
75	25	160	40	45	70	–	17,5	M16 × 60	2
		200			110	–			
		250			80	–			3
100	25	160	60	45	70	–	17,5	M16 × 60	2
		200			110	–			
		250			80	–			3
		400			80	75			5
100	30	160	60	45	70	–	22	M20 × 70	2
		200			110	–			
		250			80	–			3
		400			80	75			5
125	25	160	75	45	70	–	17,5	M16 × 60	2
		200			110	–			
		250			80	–			3
		400			80	75			5
125	30	160	75	45	70	–	22	M20 × 70	2
		200			110	–			
		250			80	–			3
		400			80	75			5

3.2 Type B, two-face sliding plates

The dimensions of two-face sliding plates, type B, shall conform to the indications in Figure 3 and Table 2.

All edges of undefined shape shall be in accordance with ISO 13715.

General tolerance: ISO 2768m
dimensions in millimetres
surface roughness values in micrometers

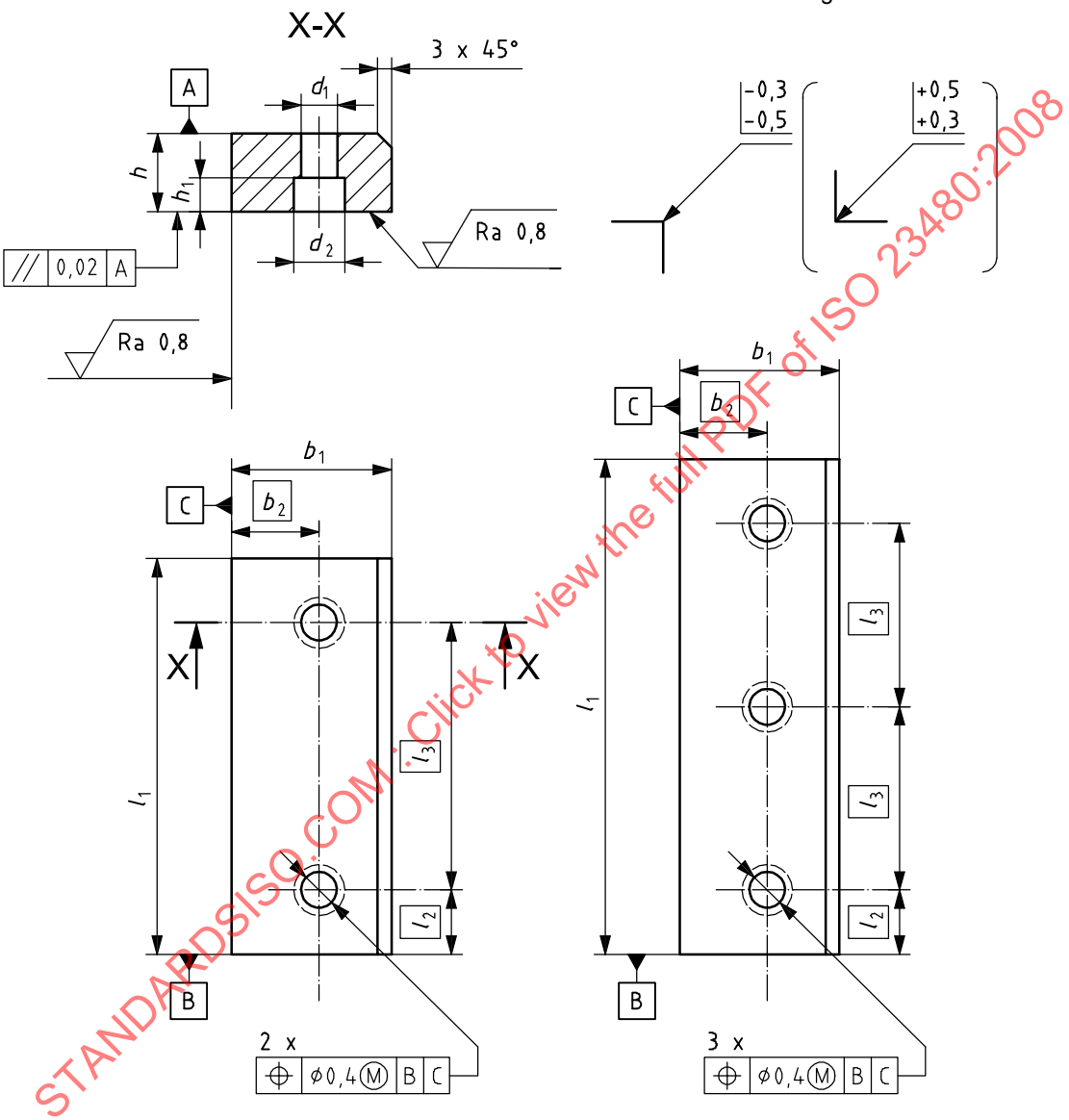


Figure 3 — Type B, two-face sliding plates