
Tools for pressing — Cam driver plates

Outillage de presse — Plaques d'entraînement de came

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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.

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 23481 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 8, *Tools for pressing and moulding*.

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Tools for pressing — Cam driver plates

1 Scope

This International Standard specifies the main dimensions and tolerances of plates to be used for cam drivers and slides in tools for pressing (an application example is shown in Figure 1).

It also specifies the designation of cam driver plates.

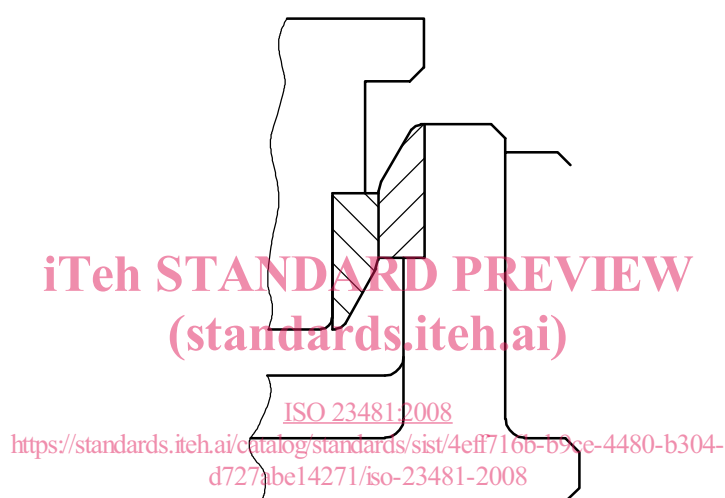


Figure 1 — Application example of cam driver plates

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

The dimensions of cam driver plates shall conform to the indications in Figure 2 and Table 1.

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

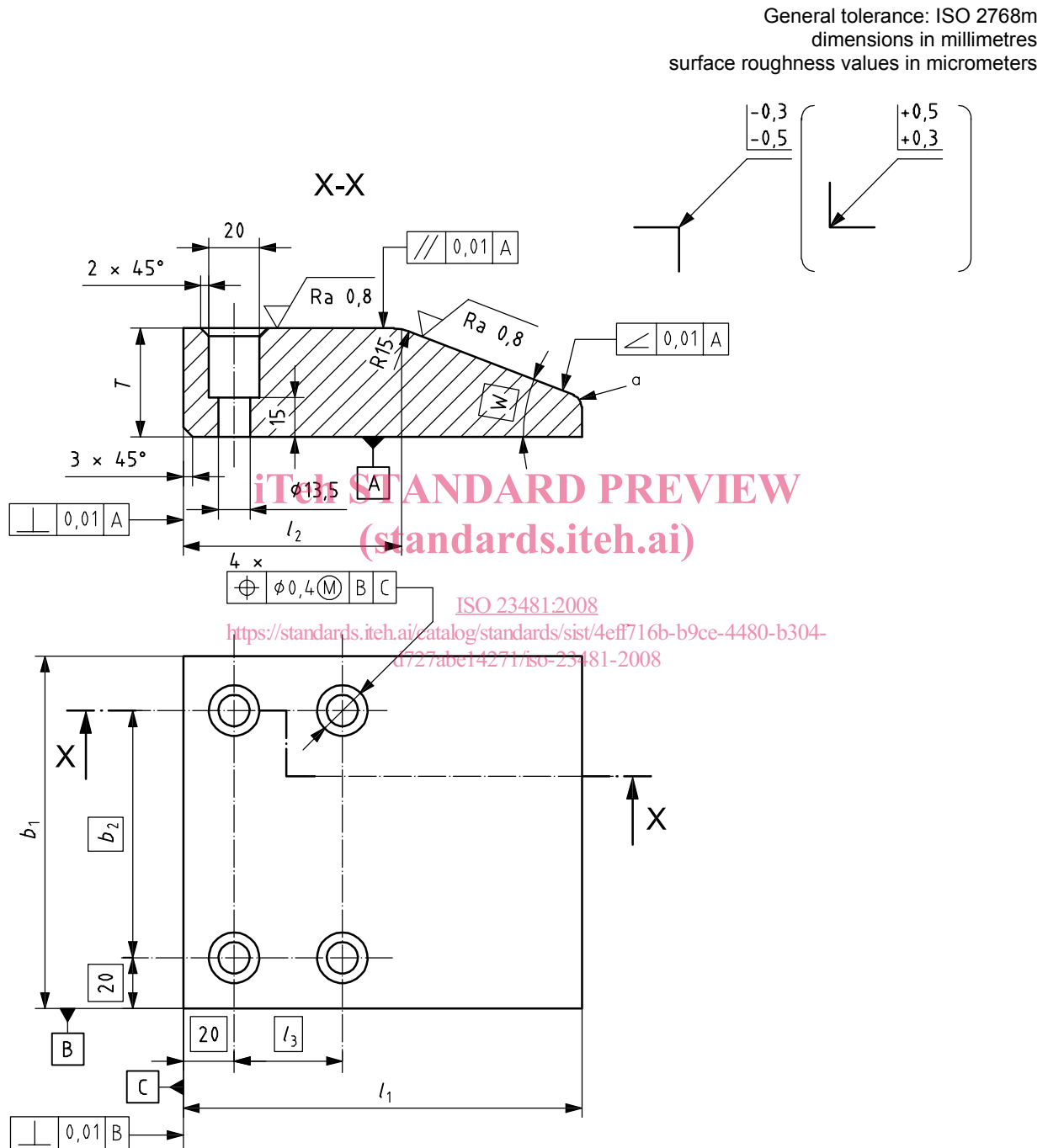


Figure 2 — Cam driver plates

Table 1 — Dimensions of cam driver plates

Dimensions in millimetres

W	b_1 0 -0,2	l_1 $\pm 0,2$	T $\pm 0,01$	l_2	b_2	l_3	Hexagon socket	
							ISO 4762	pieces
20°	100	170	45	90	60	45	M12 × 40	4
	125	170	45		85			
	150	170	45		110			
30°	100	150	45	90	60	45	M12 × 40	4
		170	60					
	125	150	45		85			
		170	60					
	150	150	45		110			
		170	60					

4 Material

The choice of material is left to the manufacturer's discretion.

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5 Designation

Cam driver plates in accordance with this International Standard shall be designated by:

- a) "Cam driver plate";
- b) reference to this International Standard, i.e. ISO 23481;
- c) width, b_1 , in millimetres;
- d) length, l_1 , in millimetres;
- e) thickness, T , in millimetres;

EXAMPLE A cam driver plate with width $b_1 = 100$ mm, length $l_1 = 170$ mm, thickness $T = 60$ mm is designated as follows:

Cam driver plate ISO 23481 — 100 × 170 × 60

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