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

**Part 1:
Type A**

Outils de presse — Plaques de frottement —

Partie 1: Type A
iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 9183-1:2008

<https://standards.iteh.ai/catalog/standards/sist/bcdbaae5-9789-4ee1-85f7-f18960e04d35/iso-9183-1-2008>



PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 9183-1:2008

<https://standards.iteh.ai/catalog/standards/sist/bcdbaae5-9789-4ee1-85f7-f18960e04d35/iso-9183-1-2008>



COPYRIGHT PROTECTED DOCUMENT

© ISO 2008

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

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 9183-1 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 8, *Tools for pressing and moulding*.

This second edition cancels and replaces the first edition (ISO 9183-1:1990), Clause 3 of which has been technically revised.

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

iTeh STANDARD PREVIEW
(standards.iteh.ai)
ISO 9183-1:2008
<https://standards.iteh.ai/catalog/standards/sist/bcdbaae5-9789-4ee1-85f7-f18960e04d35/iso-9183-1-2008>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 9183-1:2008

<https://standards.iteh.ai/catalog/standards/sist/bcdbaae5-9789-4ee1-85f7-f18960e04d35/iso-9183-1-2008>

Tools for pressing — Wear plates for press dies —

Part 1: Type A

1 Scope

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

It gives material indications, and specifies the designation of wear plates for press dies, type A, which meet the requirements of this part of ISO 9183.

Two thicknesses of this type of wear plate are specified: type A1, with a thickness, t , of 20 mm, and type A2, with a thickness, t , of 12 mm.

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.

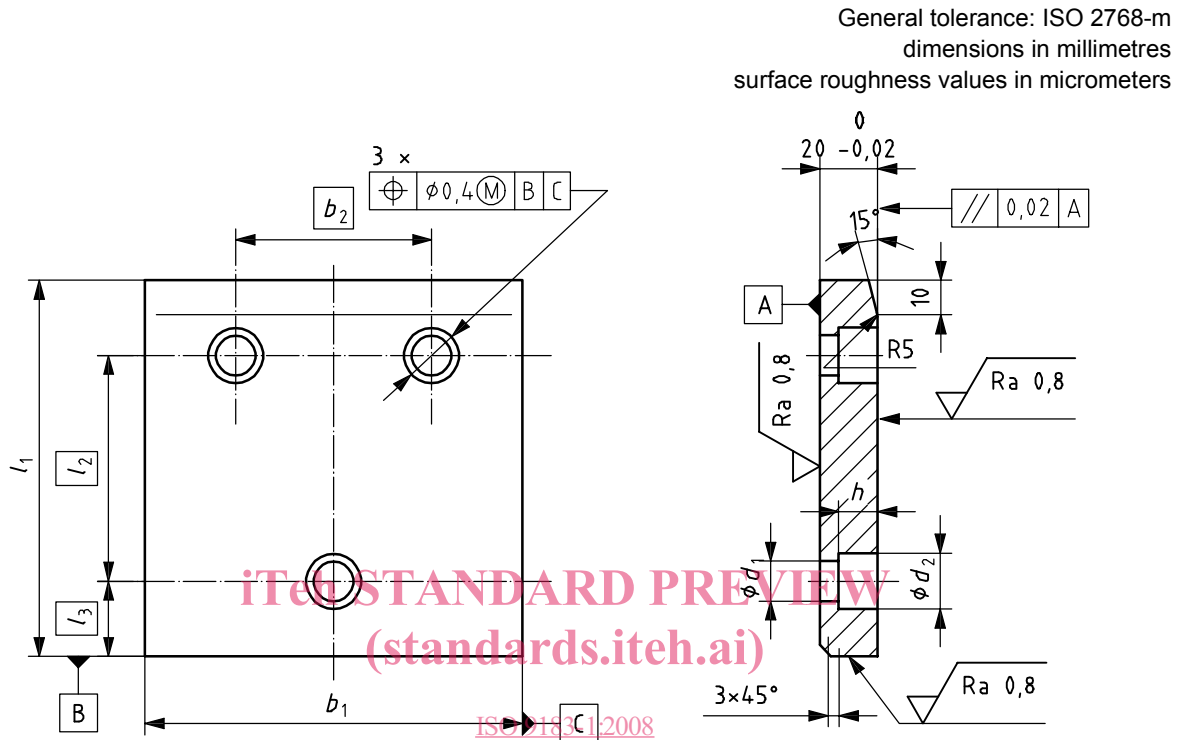
ISO 2768-1, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications*

ISO 4762, *Hexagon socket head cap screws*

3 Types and dimensions

3.1 Type A1

The dimensions of type A1 wear plates shall conform to the indications in Figure 1, Figure 2 and Table 1.



ISO 9183-1:2008
<https://standards.iteh.ai/catalog/standards/sist/bcdbaae5-9789-4ee1-85f7-f18960e04d35/iso-9183-1-2008>

Figure 1 — Type A1

Table 1 — Dimensions for type A1

Dimensions in millimetres

b_1 0 -0,2	l_1 0 -0,2	b_2	l_2	l_3	d_1 H13	d_2 H13	h $^{+0,5}$ 0	Hexagonal socket	
								ISO 4762	pieces
50	80	—	30	25	9	15	9	M8 × 25	2
	100	—	50	25	13,5	20	13	M12 × 25	2
	125	—	75	25					
	160	—	110	25					
	200	—	150	25					
80	50	30	—	25	9	15	9	M8 × 25	2
	80	—	30	25	13,5	20	13	M12 × 25	2
	100	—	50	25					
	125	—	75	25					
	160	—	110	25					
	200	—	150	25					
100	50	50	—	25	13,5	20	13	M12 × 25	2
	80	50	—	40					
	100	—	50	25					
	125	—	75	25					
	160	—	110	25					
	200	—	150	25					
125	50	75	—	25	13,5	20	13	M12 × 25	2
	80	75	—	40	13,5	20	13	M12 × 25	3
	100	75	50	25					
	125	75	75	25					
	160	75	110	25					
	200	75	150	25					
160	50	110	—	25	13,5	20	13	M12 × 25	2
	80	110	—	40	13,5	20	13	M12 × 25	3
	100	110	50	25					
	125	110	75	25					
	160	110	110	25					
	200	110	150	25					

General tolerance: ISO 2768-m
 dimensions in millimetres

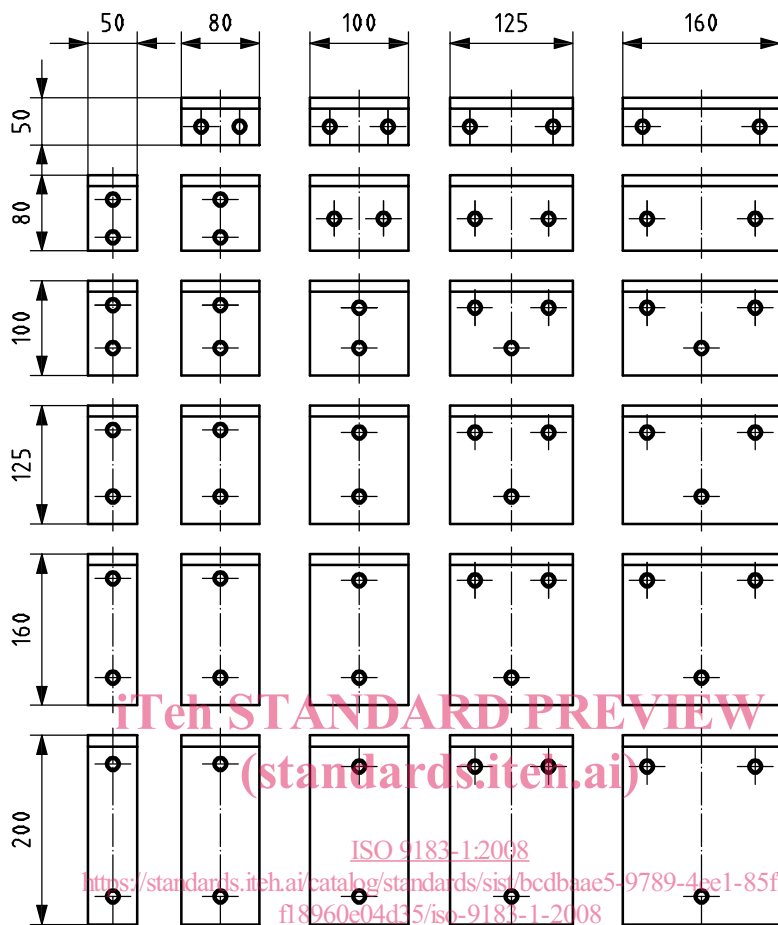
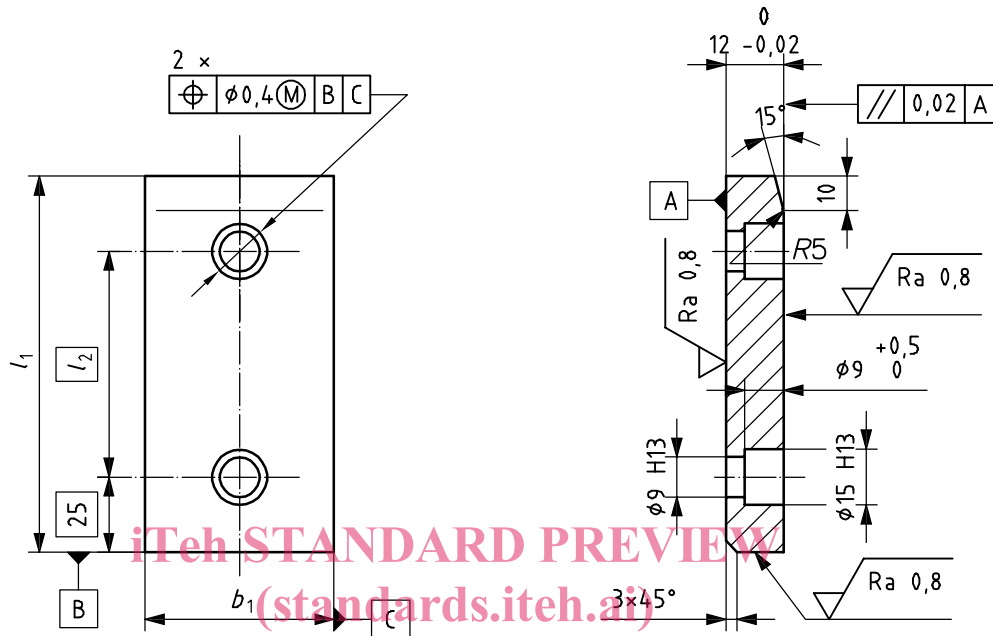


Figure 2 — Clearance hole patterns for type A1

3.2 Type A2

The dimensions of type A2 wear plates shall conform to the indications of Figure 3, Figure 4 and Table 2.

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



ISO 9183-1:2008
<https://standards.iteh.ai/catalog/standards/iso-9183-1-2008>
Figure 3 — Type A2
 f18960e04d35/iso-9183-1-2008