
**Tools for pressing — Ball-lock punch
retainers —**

**Part 2:
Types C and D, reduced for light duty**

Outillage de presse — Porte-poinçons pour poinçons à bille —

Partie 2: Types C et D, réduits pour tôles minces



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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 3.

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 part of ISO 11900 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 11900-2 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 8, *Tools for pressing and moulding*.

ISO 11900 consists of the following parts, under the general title *Tools for pressing — Ball-lock punch retainers*:

- *Part 1: Types A and B, rectangular and square for light duty*
- *Part 2: Types C and D, reduced for light duty*

Tools for pressing — Ball-lock punch retainers —

Part 2: Types C and D, reduced for light duty

1 Scope

This part of ISO 11900 specifies the dimensions and tolerances, in millimetres, of reduced ball-lock punch retainers, type C and type D, for light duty, and of their backing plug, the main use being retention of ball-lock punches in accordance with ISO 10071-1, when punching holes in steel sheets.

It also gives material guidelines and hardness requirements, and specifies the designation of ball-lock punch retainers in accordance with this part of ISO 11900.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 11900. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 11900 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 273:1979, *Fasteners — Clearance holes for bolts and screws*.

ISO 4762:1997, *Hexagon socket head cap screws*.

ISO 8735:1997, *Parallel pins with internal thread, of hardened steel and martensitic stainless steel*.

ISO 10071-1:2001, *Tools for pressing — Ball-lock punches — Part 1: Ball-lock punches for light duty*.

3 Dimensions

3.1 General tolerance

The general tolerance for all dimensions not individually toleranced is $\pm 0,25$ mm.