
**Assembly tools for screws and nuts —
Hexagon socket screw keys**

*Outils de manœuvre pour vis et écrous — Clés mâles coudées pour vis à
six plans creux*



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

International Standard ISO 2936 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 10, *Assembly tools for screws and nuts, pliers and nippers*.

This fifth edition cancels and replaces the fourth edition (ISO 2936:1995), which has been technically revised. In particular:

- Figure 1 has been technically modified;
- three lengths (standard, long and extra-long) for l_1 have been introduced as well as some new dimensions s ;
- the test method has been revised for which a new Figure 2 and a new Table 2 have been added;
- clause 5 "Designations" has been extended in accordance with the modifications.

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1 Scope

This International Standard specifies the dimensions, method of test, designation and marking of hexagon socket screw keys. It also specifies the minimum values of Rockwell hardness that shall be met.

The specifications of this International Standard apply for tightening of hexagon socket screws for property class less than or equal to 12.9 as defined in ISO 898-1 and for tightening of socket set screws as defined in ISO 898-5.

NOTE Hexagon socket screw keys are listed under number 112 in ISO 1703:1983, *Assembly tools for screws and nuts — Nomenclature*.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard 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 898-1, *Mechanical properties of fasteners made of carbon steel and alloy steel — Part 1: Bolts, screws and studs*.

ISO 898-5, *Mechanical properties of fasteners made of carbon steel and alloy steel — Part 5: Set screws and similar threaded fasteners not under tensile stresses*.