
**Assembly tools for screws and nuts —
Double-headed open-ended wrenches,
double-headed box wrenches and
combination wrenches — Maximum
widths of heads**

*Outils de manœuvre pour vis et écrous — Clés à fourche doubles, clés
polygonales doubles et clés mixtes — Largeurs maximales
d'encombrement des têtes*



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Foreword

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ISO 3318 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 10, *Assembly tools for screws and nuts, pliers and nippers*.

This fourth edition cancels and replaces the third edition (ISO 3318:1990), which has been technically revised as follows:

- a) revision of Table 1 in accordance with ISO 2771
- b) addition of Clause 4.

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Assembly tools for screws and nuts — Double-headed open-ended wrenches, double-headed box wrenches and combination wrenches — Maximum widths of heads

1 Scope

This International Standard specifies the maximum outside head dimensions for double-headed open-ended wrenches, double-headed ring wrenches and combination wrenches, identified in ISO 1703 under reference Nos. 1 1 01 02 0, 1 1 01 05 0, 1 1 01 06 0, 1 1 02 03 0, 1 1 02 04 0, 1 1 02 05 0, 1 1 02 06 0.

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 272, *Fasteners — Hexagon products — Widths across flats*

ISO 691, *Assembly tools for screws and nuts — Wrench and socket openings — Tolerances for general use*

ISO 1711-1, *Assembly tools for screws and nuts — Technical specifications — Part 1: Hand-operated wrenches and sockets*

3 Maximum outside head dimensions

See Figures 1 and 2 and Table 1 for the dimensions.

The drawings are schematic and are not intended to specify a given design; only the dimensions given shall be complied with.

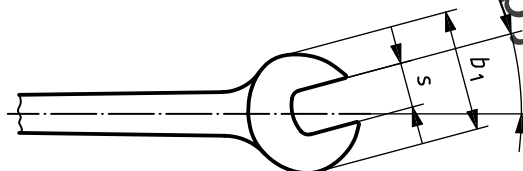


Figure 1 — Open-ended wrench

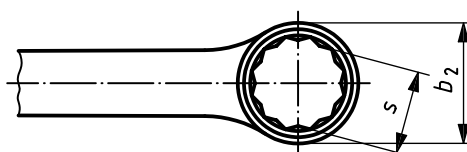


Figure 2 — Box wrench