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Fourth edition
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Assembly tools for screws and nuts — Technical specifications —

Part 1: Hand-operated wrenches and sockets

*Outils de manoeuvre pour vis et écrous — Spécifications techniques —
Partie 1: Clés de serrage et douilles à main*



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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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The committee responsible for this document is 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 1711-1:2015), which has been technically revised with the following changes:

- in [6.2](#), the angle chamfer α of the test mandrel in [Figure 1](#) has been changed from 30° max to $15^\circ \leq \alpha \leq 30^\circ$;
- revision of sizes for width across flats covered in [Table 3](#); Sizes 3,5, 4,5, 26 and 28 have been deleted; Size 5,5 has been added.

A list of all parts in the ISO 1711 series can be found on the ISO website.