
**Assembly tools for screws and nuts —
Square drive adaptor with hexagon
or cylindrical flat drive, for power
socket wrenches**

*Outils de manoeuvre pour vis et écrous — Adaptateurs à carré mâle avec
entraînement hexagone ou cylindrique mâle, pour douilles machines*



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Contents

	Page
Foreword.....	iv
1 Scope	1
2 Normative references	1
3 Dimensions	1
4 Technical requirements	2
5 Torque test	3
6 Designation	4
7 Marking	4
Bibliography	5

Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

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 document 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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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: [Foreword — Supplementary information](#).

The committee responsible for this document is ISO/TC 29, *Small tools*, SC 10, *Assembly tools for screws and nuts, pliers and nippers*.

This third edition cancels and replaces the second edition (ISO 3317:2009), which has been technically revised with the following changes:

- a) Form C was added;
- b) dimensions for d_{\min} were revised;
- c) dimensions for l_1 were partly revised.

Assembly tools for screws and nuts — Square drive adaptor with hexagon or cylindrical flat drive, for power socket wrenches

1 Scope

This International Standard prescribes the technical specifications for square drive adaptor hexagon or cylindrical flat inserts for power socket wrenches. It applies to square drive adaptor with hexagon drive or with cylindrical flat end drive as defined in ISO 1173, and to driving squares for power socket wrenches as defined in ISO 1174-2.

Square drive adaptors with hexagon drive for power socket wrenches are listed under number 5 2 00 02 0 in ISO 1703.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 1173, *Assembly tools for screws and nuts — Drive ends for hand- and machine-operated screwdriver bits and connecting parts — Dimensions, torque testing*

ISO 1174-2, *Assembly tools for screws and nuts — Driving squares — Part 2: Driving squares for power socket tools*

3 Dimensions

[Figure 1](#) and [Table 1](#) show the recommended combinations of square drive adaptor for power socket wrenches in accordance with ISO 1174-2.

The shape of the liaison between the tip and the end is at the discretion of the manufacturer.