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

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



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## Foreword

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The main task of technical committees is to prepare International Standards. 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 document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 3317 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 10, *Assembly tools for screws and nuts, pliers and nippers*.

This second edition cancels and replaces the first edition (ISO 3317:1974), which has been technically revised as follows:

- a) addition of Form E;
- b) revision of the dimensions for  $d_{\min}$  and  $l$ .

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# 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 adaptors 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 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 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 adaptors 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.