

INTERNATIONAL STANDARD

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Assembly tools for screws and nuts — Spiral ratchet screwdriver ends — Dimensions

*Outils de manœuvre pour vis et écrous — Entraînement pour tournevis
automatiques — Dimensions*

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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 2352 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 10, *Assembly tools for screws and nuts, pliers and nippers*.

This third edition cancels and replaces the second edition (ISO 2352:1982), which has been technically revised.

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Assembly tools for screws and nuts — Spiral ratchet screwdriver ends — Dimensions

1 Scope

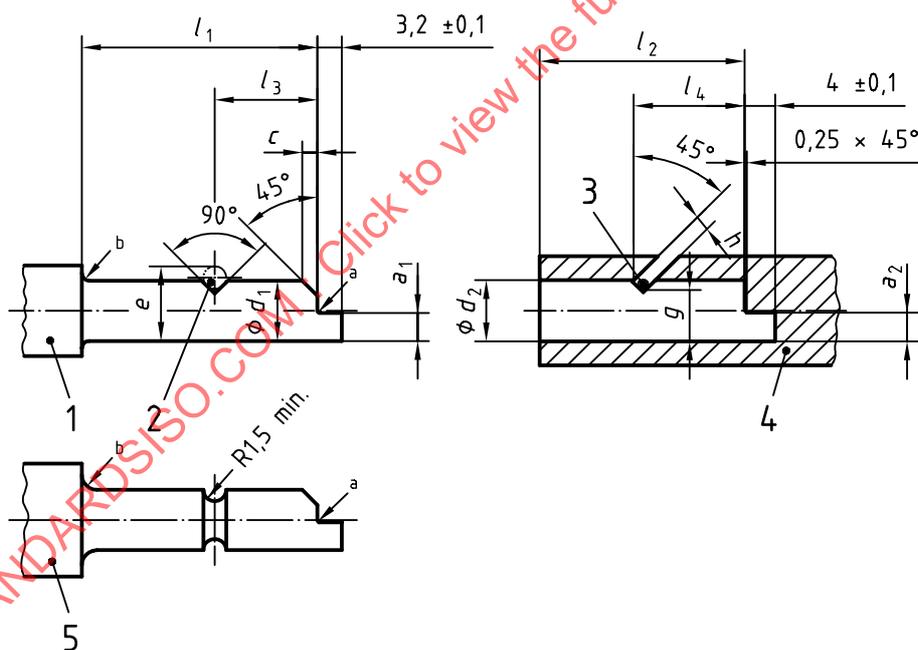
This International Standard specifies the interchangeability dimensions of the male (Form A and Form B) and female (Form C) parts of spiral ratchet screwdriver ends.

The dimensions of the ball diameter of its seating on the female side are left to the discretion of the manufacturer.

2 Dimensions

See Figure 1 and Table 1.

Dimensions in millimetres



Key

- 1 Form A, male part
- 2 Test ball $\varnothing 3 \begin{smallmatrix} 0 \\ -0,01 \end{smallmatrix}$
- 3 Test wire $\varnothing d_3$
- 4 Form C, female part
- 5 Form B, male part

- a $R 0,2 \text{ max. or } 0,2 \text{ max.} \times 45^\circ$
- b $R 3 \text{ max. or } 3 \times 45^\circ \text{ max.}$

Figure 1 — Spiral ratchet screwdriver ends

Table 1 — Dimensions

Dimensions in millimetres

Nominal dimensions	Male part, Form A and Form B						Female part Form C						
	d_1 0 - 0,1	a_1 - 0,05 - 0,20	c	e 0 - 0,2	l_1 min.	l_3 $\pm 0,1$	d_2 $\pm 0,05$	d_3	a_2 min.	g + 0,1 0	h $\pm 0,1$	l_2 max.	l_4 $\pm 0,1$
5,5	5,5	2,6	1	7,7	27	11,1	5,6	1,2	2,7	4,7	2	23	12,1
7	7	3,3	1,6	9,2	31	13,5	7,1	1,4	3,4	6,1	2	27	14,6
8	8	3,7	2	9,9	31	13,5	8,1	1,4	3,8	6,8	2	27	14,6

3 Designation

A spiral ratchet screwdriver end in accordance with this standard shall be designated by:

- a) "male part" or "female part";
- b) the reference to this standard, i.e. ISO 2352;
- c) the form, i.e. A, B or C;
- d) the nominal dimension.

EXAMPLE 1 Designation of a spiral ratchet screwdriver end, male part, Form A, of nominal dimension 5,5 is designated as follows:

Male part ISO 2352-A 5,5

EXAMPLE 2 Designation of a spiral ratchet screwdriver end, male part, Form B, of nominal dimension 7 is designated as follows:

Male part ISO 2352-B 7

EXAMPLE 3 Designation of a spiral ratchet screwdriver end, female part, Form C, of nominal dimension 8 is designated as follows:

Female part ISO 2352-C 8