
International Standard



2352

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Spiral ratchet screwdriver ends

Entraînement pour tournevis automatiques

Second edition — 1982-12-01

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Descriptors : tools, hand tools, ratchet screwdrivers, fitting ends.

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 2352 was developed by Technical Committee ISO/TC 29, *Small tools*, and was circulated to the member bodies in August 1981.

It has been approved by the member bodies of the following countries:

Australia	Italy	Sri Lanka
Belgium	Japan	Sweden
China	Korea, Dem. P. Rep. of	Switzerland
Egypt, Arab Rep. of	Korea, Rep. of	United Kingdom
France	Mexico	USA
Germany, F.R.	Poland	USSR
Hungary	Romania	Yugoslavia
India	South Africa, Rep. of	
Israel	Spain	

The member body of the following country expressed disapproval of the document on technical grounds:

Czechoslovakia

This second edition cancels and replaces the first edition (i.e. ISO 2352-1972).

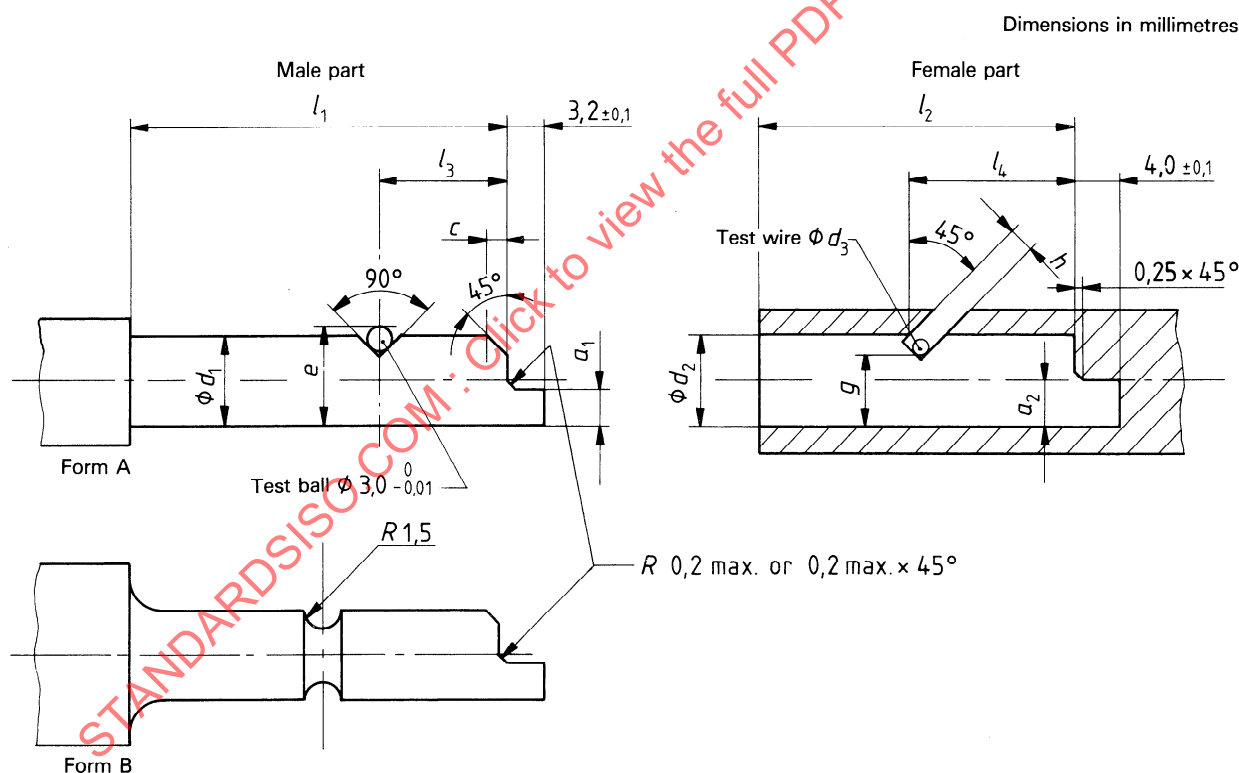
Spiral ratchet screwdriver ends

1 Scope and field of application

This International Standard specifies the interchangeability dimensions of the male and female parts of spiral ratchet screwdriver ends.

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

2 Dimensions



Dimensions in millimetres

Nominal dimensions		Male part						Female part						
		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	7/32	5,5	2,6	1,0	7,7	27	11,1	5,6	1,2	2,7	4,7	2,0	23	12,1
7	9/32	7,0	3,3	1,6	9,2	31	13,5	7,1 ²⁾	1,4	3,4	6,1		27	14,6
8	5/16	8,0 ¹⁾	3,7	2,0	9,9			8,1		3,8	6,8			

1) For a phase-out time of 10 years for the USA, this size is agreed to be 8,0 $\begin{smallmatrix} -0,05 \\ -0,15 \end{smallmatrix}$ in order to have no interference with existing spiral ratchet screwdrivers.

2) This size should be manufactured 7,15 for a phase-out time of 10 years, in order to accept existing bits.