
International Standard



344

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

Textile machinery and accessories — Spinning machines — Flyer bobbins

Matériel pour l'industrie textile — Machines de filature — Bobinots pour bancs à broches

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Descriptors : textile machinery, bobbins, plastics, dimensions, dimensional tolerances.

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 344 was developed by Technical Committee ISO/TC 72, *Textile machinery and allied machinery and accessories*, and was circulated to the member bodies in May 1980.

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

Belgium	India	Spain
Brazil	Italy	Switzerland
Bulgaria	Japan	United Kingdom
Czechoslovakia	Poland	USSR
France	Romania	Yugoslavia
Germany, F.R.	South Africa, Rep. of	

No member body expressed disapproval of the document.

This International Standard cancels and replaces ISO Recommendations R 344/1-1963 and R 344/2-1969, of which it constitutes a technical revision.

Textile machinery and accessories — Spinning machines — Flyer bobbins

1 Scope and field of application

This International Standard specifies the main dimensions and the corresponding tolerances of bobbins from plastics material, for open-leg type flyers.

2 Reference

ISO 286/1, *ISO system for limits and fits — Part 1 : General, tolerances and deviations.*¹⁾

¹⁾ At present at the stage of draft. (Revision of ISO/R 286-1962.)

3 Dimensions and tolerances

Dimensions and tolerances in millimetres

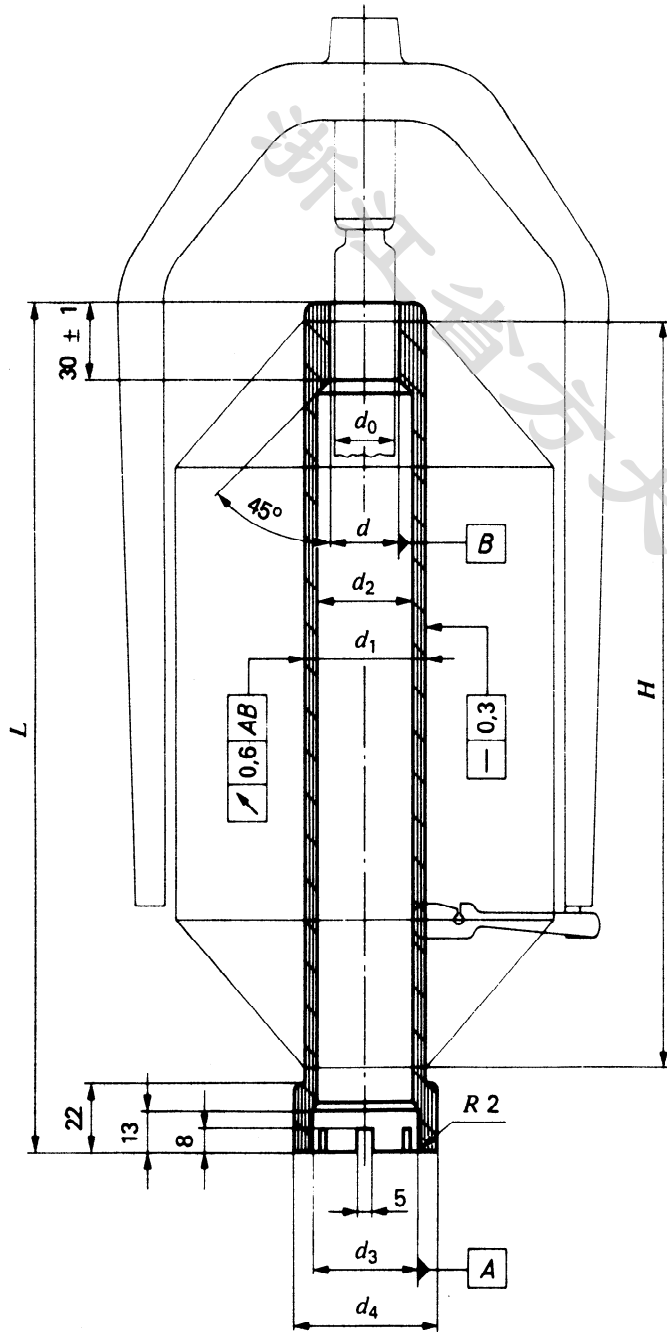


Figure 1a — Flyer bobbin, type with shoulder

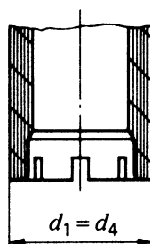


Figure 1b — Flyer bobbin, type without shoulder

Table 1 — Bobbins with shoulder

Values in millimetres

H	L	d ₀	d	d ₁	d ₂	d ₃	d ₄
	± 1,5	h8 ¹⁾	± 0,1	± 0,5	min.	± 0,2	± 0,5
300	340	22	22,2	44	34	36,5	51
		25	25,2	48	38	40,3	56,5
350	395	25	25,2	48	38	40,3	56,5
400	450	25	25,2	48	38	40,3	56,5
		27	27,2	51	40	42,3	60
450	500	30	30,2	53	42	44,3	60

1) For the tolerances h8 applicable to d₀, see ISO 286/1.

Table 2 — Bobbins without shoulder

Values in millimetres

H	L	d ₀	d	d ₁	d ₂	d ₃	d ₄
	± 1,5	h8 ¹⁾	± 0,1	± 0,5	min.	± 0,2	± 0,5
350	395	25	25,2	60	38	40,3	60
400	450	25	25,2	60	38	40,3	60
		27	27,2		40	42,3	
450	500	30	30,2	60	42	44,3	60

1) For the tolerances h8 applicable to d₀, see ISO 286/1.

NOTES — Dimensions which are not specified are left to the discretion of the manufacturer, and tolerances tighter than those stated are subject to agreement between the user and the manufacturer.

This International Standard does not specify the number of driving slots.