
INTERNATIONAL STANDARD



5246

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

Textile machinery and accessories — Ringless weft pirns (24 mm and 27 mm) for automatic winding at the loom

Matériel pour l'industrie textile — Canettes sans anneaux (24 mm et 27 mm) pour canetage sur métiers

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[ISO 5246:1977](https://standards.iteh.ai/catalog/standards/sist/8e5d83ee-8e63-42c3-a017-fe63e7edafda/iso-5246-1977)

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Descriptors : textile machinery, looms, quills, specifications, dimensions, dimensional tolerances, colour codes.

Price based on 2 pages

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 5246 was developed by Technical Committee ISO/TC 72, *Textile machinery and accessories*, and was circulated to the member bodies in March 1976.

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

Belgium	Italy	South Africa, Rep. of
Brazil	Japan	Spain
Chile	Mexico	Switzerland
Czechoslovakia	Netherlands	Turkey
France	Philippines	U.S.S.R.
Germany	Poland	

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

United Kingdom

Textile machinery and accessories — Ringless weft pirns (24 mm and 27 mm) for automatic winding at the loom

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1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the dimensions and tolerances of ringless pirns (24 mm and 27 mm) for automatic winding at the loom for single-colour and multi-colour weaving.

2 REFERENCE

ISO 5245, *Textile machinery and accessories — Weft pirns with rings (27 mm and 30 mm) for automatic winding at the loom.*

3 COLOUR CODING

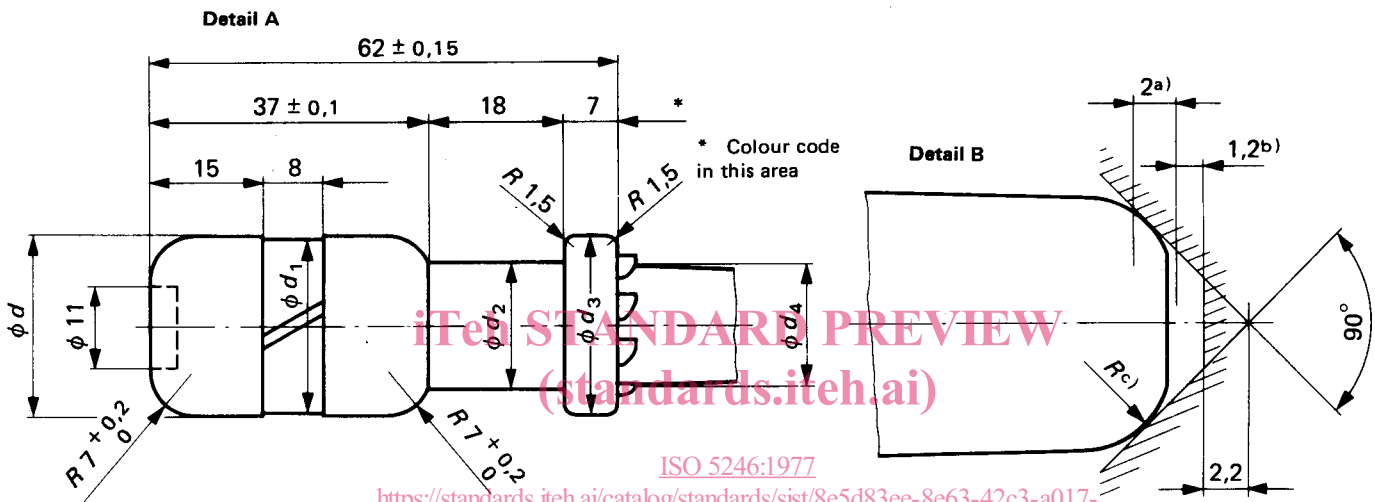
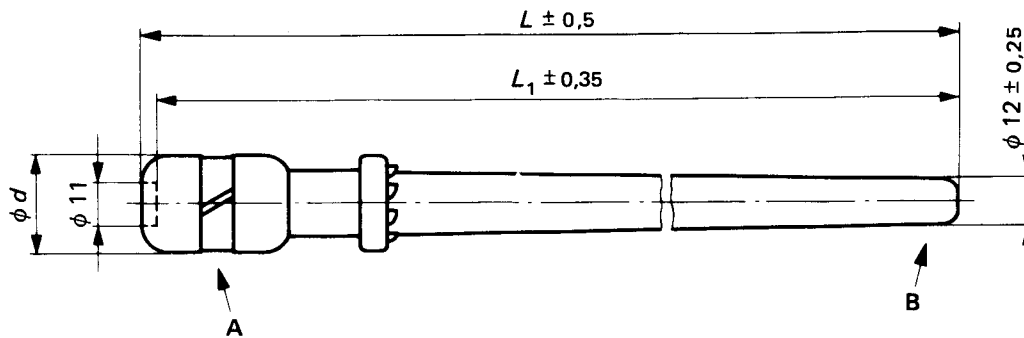
Pirns for use in multicolour weaving shall be colour-coded as shown in the table.

Pirns specifically for use in single-colour weaving shall not be so coded.

4 DIMENSIONS

The dimensions shall be as shown in the figure and in the table.

Dimensions in millimetres



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- a) Permissible contact area.
- b) Minimum clearance.
- c) Radius optional provided that bobbin tip support is contacted within the permissible contact area.

Values in millimetres

Nominal size (d)	Colour	L_1	d	d_1	d_2	d_3	d_4	L
24	Red	L	$24 \pm 0,1$	$24 \begin{smallmatrix} -0,1 \\ -0,5 \end{smallmatrix}$	$17 \pm 0,1$	$23,8 \pm 0,1$	$16 \begin{smallmatrix} +0,2 \\ 0 \end{smallmatrix}$	220 ¹⁾
	White	$L - 3,2$						
	Blue	$L - 6,4$						
	Black	$L - 9,6$						
27	Red	L	$27 \pm 0,1$	$27 \begin{smallmatrix} -0,1 \\ -0,5 \end{smallmatrix}$	$20 \pm 0,1$	$24,5 \pm 0,1$	$17 \begin{smallmatrix} +0,2 \\ 0 \end{smallmatrix}$	220
	White	$L - 3,2$						
	Blue	$L - 6,4$						
	Black	$L - 9,6$						

1) Length 210 mm for special cases.