International Standard 1025

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Textile machinery and accessories — Sectional beams for warp knitting machines — Terminology and main dimensions

Matériel pour l'industrie textile — Ensouples sectionnelles pour métiers à mailles jetées — Terminologie et dimensions principales

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Foreword

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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 1025 was developed by Technical Committee ISO/TC 72, *Textile machinery and allied machinery and accessories*, and was circulated to the member bodies in July 1978.

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

Belgium	Japan	Switzerland
Czechoslovakia	Mexico	Turkey
Egypt, Arab Rep. of	Poland	United Kingdom
France	Romania	USSR
Germany, F. R.	South Africa, Rep. of	
Ireland	Spain	

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

Bulgaria

This International Standard cancels and replaces ISO Recommendation R 1025-1969, of which it constitutes a technical revision.

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Textile machinery and accessories — Sectional beams for warp knitting machines — Terminology and main dimensions

1 Scope and field of application

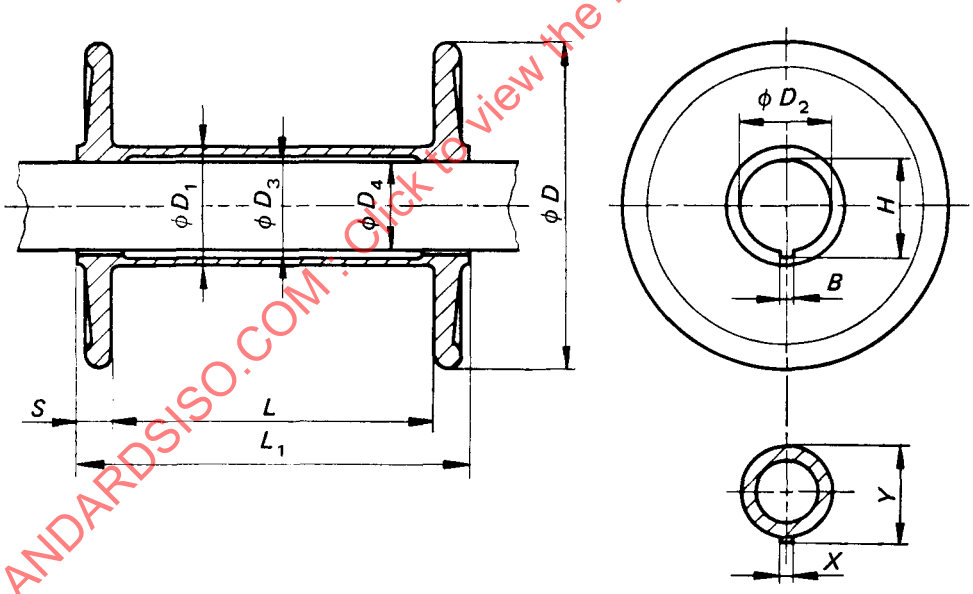
This International Standard defines the basic terms for sectional beams for warp knitting machines and lays down the main dimensions as well as the maximum values of variation of form and position for the main elements of these beams. For cases where a limit for the residual unbalance must be fixed, a recommendation is made for the choice of quality grade.

2 References

ISO 1940, *Balance quality of rotating rigid bodies.*

ISO 2013, *Textile machinery and accessories — Beams — Method of measuring variations of form and position.*[1)]

3 Terminology



D = flange or disc diameter

D_1 = outside barrel diameter

D_2 = bore diameter of flange

D_3 = inside barrel diameter

L = width between flanges

L_1 = overall length

S = flange thickness

X = width of key

B = width of keyway

H = D_2 + keyway depth

Y = D_4 + height of key

D_4 = outside diameter of mandrel or shaft

Figure — Sectional beam

1) At present at the stage of draft. (Revision of ISO 2013-1973.)