

INTERNATIONAL
STANDARD

ISO
8116-2

Second edition
1995-09-15

**Textile machinery and accessories —
Beams for winding —**

Part 2:
Warper's beams

*Matériel pour l'industrie textile — Ensembles pour enroulement —
Partie 2: Ensembles d'ourdissaires*



Reference number
ISO 8116-2:1995(E)

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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.

International Standard ISO 8116-2 was prepared by Technical Committee ISO/TC 72, *Textile machinery and allied machinery and accessories*, Subcommittee SC 2, *Winding and preparatory machinery for fabric manufacture*.

This second edition cancels and replaces the first edition (ISO 8116-2:1985), which has been technically revised.

ISO 8116 consists of the following parts, under the general title *Textile machinery and accessories — Beams for winding*:

- Part 1: *General vocabulary*
- Part 2: *Warper's beams*
- Part 3: *Weaver's beams*
- Part 4: *Quality classification of flanges for weaver's beams, warper's beams and sectional beams*
- Part 5: *Sectional beams for warp knitting machines*
- Part 6: *Beams for ribbon weaving and ribbon knitting*
- Part 7: *Beams for dyeing slivers, rovings and yarns*

© ISO 1995

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

- *Part 8: Definitions of run-out tolerances and methods of measurement*
- *Part 9: Dyeing beams for textile fabrics*

This document is a preview generated by EVS

This document is a preview generated by EVS

This page intentionally left blank

Textile machinery and accessories — Beams for winding —

Part 2: Warper's beams

1 Scope

This part of ISO 8116 defines the basic terms and lays down the main dimensions, the variations of form and position, the driving devices and the designation for warper's beams with and without shafts.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 8116. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 8116 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 286-2:1988, *ISO system of limits and fits — Part 2: Tables of standard tolerance grades and limit deviations for holes and shafts.*

ISO 1940-1:1986, *Mechanical vibration — Balance quality requirements of rigid rotors — Part 1: Determination of permissible residual unbalance.*

ISO 8116-8:1995, *Textile machinery and accessories — Beams for winding — Part 8: Definitions of run-out tolerances and methods of measurement.*

3 Terminology and main dimensions

(See figures 1 to 3 and tables 1 and 2)

d_1 flange diameter

d_2 barrel diameter

d_3 shaft diameter

d_4 bore diameter

d_5 ruffle diameter

l_1 width between flanges