

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 111

PAPER CONES FOR YARN WINDING  
(CROSS WOUND)

TAPER  $4^{\circ} 20'$

1st EDITION

May 1959

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## BRIEF HISTORY

The ISO Recommendation R 111, *Paper Cones for Yarn Winding (Cross Wound)-Taper 4° 20'*, was drawn up by Technical Committee ISO/TC 72, *Textile Machinery and Accessories*, the Secretariat of which is held by the Association Suisse de Normalisation (SNV).

At its very first meeting, held in Zurich, in July 1950, the Technical Committee decided to include in its programme of work the item of paper cones for yarn winding (cross wound), taper 4° 20'.

At its second meeting, held in Scheveningen, in September 1951, the Technical Committee assigned the study of this question to a Working Group, composed of Belgium, France, Netherlands, United Kingdom, Switzerland and, as from 1952, Germany. This Working Group met several times to prepare a draft proposal.

At the third plenary meeting of the Technical Committee, held in Brussels, in July 1955, this draft proposal was unanimously adopted by the delegates present as a Draft ISO Recommendation.

On 28 September 1956, the Draft ISO Recommendation was distributed to all the ISO Member Bodies and was approved, subject to some modifications, by the following 22 (out of a total of 37) Member Bodies:

Austria	*Greece	Romania
Belgium	Hungary	Spain
*Bulgaria	India	*Sweden
*Canada	*Ireland	Switzerland
*Czechoslovakia	Japan	Union
*Denmark	Poland	of South Africa
France	Portugal	United Kingdom
Germany		*U.S.A.

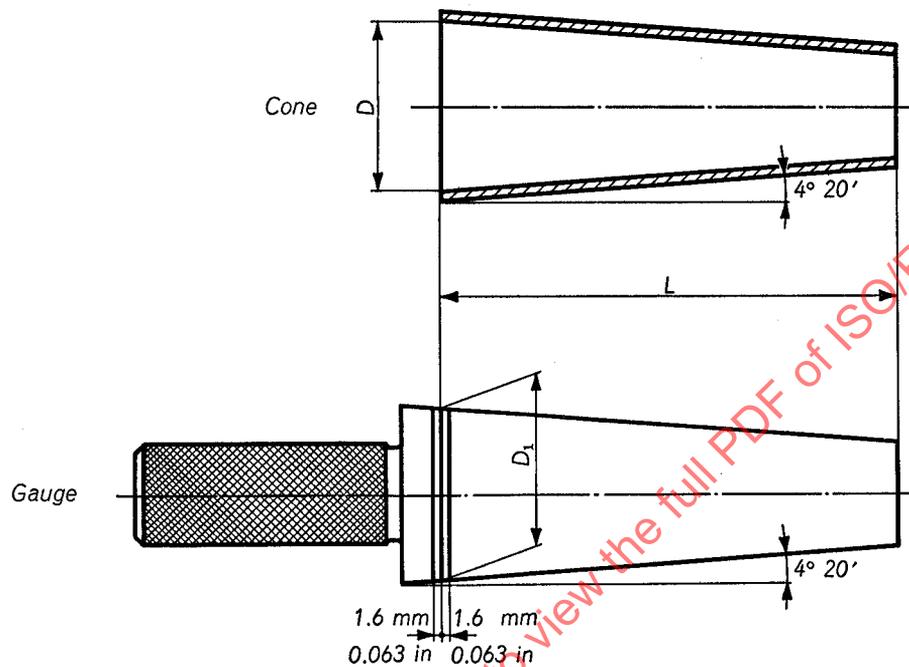
No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in May 1959, to accept it as an ISO RECOMMENDATION.

\* These Member Bodies stated that they had no objection to the Draft being approved.

**PAPER CONES FOR YARN WINDING  
(CROSS WOUND)**

**TAPER  $4^{\circ} 20'$**



$L$		$D$		$D_1$	
Millimetres	Inches	Millimetres	Inches	Millimetres	Inches
$145 \pm 1$	$5.709 \pm 0.04$	$55 \pm 0.25$	$2.165 \pm 0.01$	55	2.165
$165 \pm 1$	$6.496 \pm 0.04$	$58 \pm 0.25$	$2.284 \pm 0.01$	58	2.284

Dimensions which are not specified are left to the discretion of the manufacturer.

The material may be untreated, impregnated or lacquered paper.

The following details are to be specified in the order:

nature of yarn to be wound,

treatment of surface,

for perforations (if required), number, size and location.

The minimum distance between the ends of the cone and the edges of the nearest holes should be 15 mm (19/32 in).