

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION

### R 2105 → 391A

TEXTILE MACHINERY AND ACCESSORIES

TUBES FOR DRAW-WINDERS FOR MAN-MADE FIBRES

1st EDITION

October 1971

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## BRIEF HISTORY

The ISO Recommendation R 2105, *Textile machinery and accessories – Tubes for draw-winders for man-made fibres*, 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).

Work on this question led to the adoption of Draft ISO Recommendation No. 2105, which was circulated to all the ISO Member Bodies for enquiry in October 1970.

The Draft was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Belgium  
France  
Germany

Netherlands  
Poland  
Switzerland

Turkey  
United Kingdom  
U.S.S.R.

The following Member Bodies opposed the approval of the Draft :

Czechoslovakia  
India

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

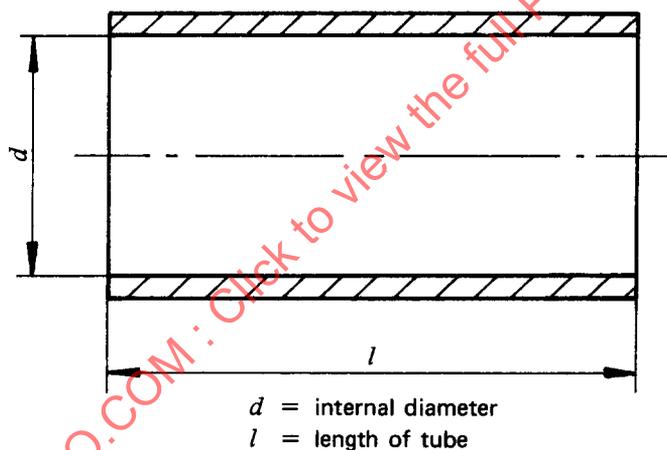
TEXTILE MACHINERY AND ACCESSORIES

TUBES FOR DRAW-WINDERS FOR MAN-MADE FIBRES

1. SCOPE

This ISO Recommendation establishes the principal dimensions of tubes which, on the draw-winders, are required to wind continuous filaments of synthetic fibres after stretching on the machines. In certain cases, these tubes are also used at the winding head of tow-stretching machines.

2. DIMENSIONS AND TOLERANCES



Values in millimetres

Internal diameter		Length of tube	
$d$	Tolerance	$l$	Tolerance
56	$\pm 0.3$	170	$\pm 1.0$
70	$\pm 0.3$	170	$\pm 1.0$
		190	$\pm 1.0$
		210	$\pm 1.5$
		230	$\pm 1.5$
94	$\pm 0.3$	115	$\pm 0.5$
		165	$\pm 1.0$
		215	$\pm 1.5$
		228	$\pm 1.5$
		295	$\pm 2.0$