UDC 677.057.4

Ref. No. : ISO/R 1037-1969(E)

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 1037

BEAMS FOR DYEING FIBRES AND YARN

1st EDITION

March 1969

Printed in Switzerland

Also issued in French and Russian. Copies to be obtained through the national standards organizations.

BRIEF HISTORY

The ISO Recommendation R 1037, *Beams for dyeing fibres and yarn,* 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, in 1967, to the adoption of a Draft ISO Recommendation.

In February 1968, this Draft ISO Recommendation (No. 1507) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Belgium	Israel	Sweden
Brazil	Italy	Switzerland
Czechoslovakia	Japan	Turkey
Denmark	Korea, Rep. of	U.A.R.
France	Netherlands	United Kingdom
Germany	Poland	U.S.S.R.
India	Spain	

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 March 1969, to accept it as an ISO RECOMMENDATION.

ISO Recommendation | R 1037 | March 1969

BEAMS FOR DYEING FIBRES AND YARN

1. SCOPE

This ISO Recommendation establishes the principal dimensions for perforated beams used for dyeing fibre or yarn tapes (see Fig. 1 and Fig. 2).

2. DIMENSIONS AND TOLERANCES

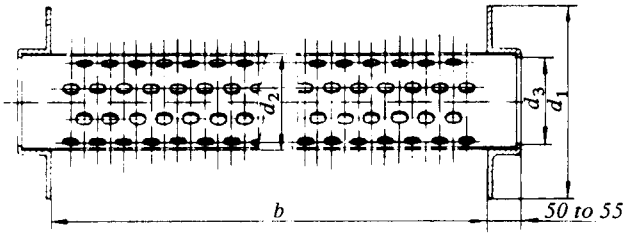

FIG. 1 – Type A : Simple flanges

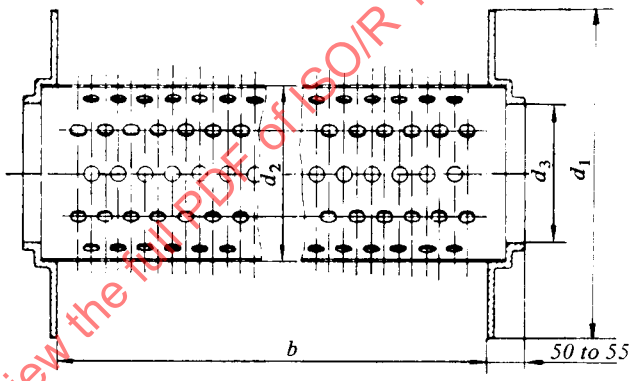

FIG. 2 – Type B : Flanges with counter-shoulder

d_1 = outside diameter of flange
d_2 = outside diameter of barrel
d_3 = diameter of axial orific
b = spacing between flanges

Dimensions in millimetres

Diameter d_1	Tolerance on d_1	Diameter d_2	Tolerance on d_2	Winding width ($b \pm 1$)	Axial orifices $d_3 \pm 0.3$
300	± 0.5	150	± 1.2	1400 1600 1800	145
(480)	± 0.8	230			225
520					
(520)		280			
600					
600		360	± 2		
750		500			

NOTE. – The values in brackets should be avoided whenever possible.