

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 97

RINGS
FOR RING-SPINNING AND RING-DOUBLING FRAMES
FOR EAR-SHAPED TRAVELLERS

1st EDITION

February 1959

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BRIEF HISTORY

The ISO Recommendation R 97, *Rings for Ring-Spinning and Ring-Doubling Frames for Ear-Shaped Travellers*, 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 rings for ring-spinning and ring-doubling frames for ear-shaped travellers.

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 10 August 1956, the Draft ISO Recommendation was distributed to all the ISO Member Bodies and was approved by the following 22 (out of a total of 37) Member Bodies:

Austria	Hungary	Spain
Belgium	India	*Sweden
Bulgaria	*Ireland	Switzerland
*Canada	Japan	Turkey
*Denmark	Netherlands	United Kingdom
France	Pakistan	*U.S.A.
Germany	Poland	
*Greece	Romania	

No Member Body opposed the approval of the Draft.

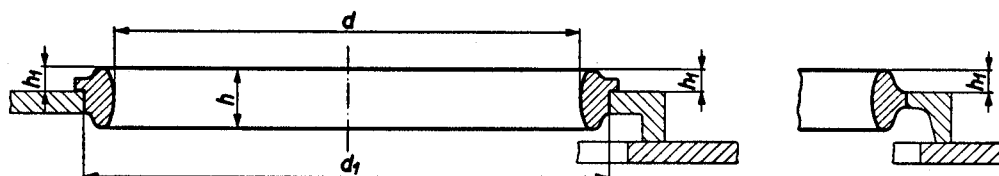
The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in February 1959, to accept it as an ISO RECOMMENDATION.

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

RINGS

FOR RING-SPINNING AND RING-DOUBLING FRAMES

FOR EAR-SHAPED TRAVELLERS



Dimensions in millimetres

Inside diameter d	Fitting diameter d_1		Height	
		Tolerances	h	h_1
—	—			
42	50	-0.20		
45	53			
48	56			
50	58			
56	64	-0.25	8.0	2.9
63	71		or	
70	78		10.3	4.2
75	84		or	
80	89	-0.32	16.7	7.0
—	—		or	
90	99		22.2	8.8
100	111		or	
110	121	-0.40	25.4	9.2
125	136		or	
140	151		31.7	12
—	—		or	
160	172	-0.55	38.1	15
180	192			
—	—			
200	212			
225	240	-0.55		
250	265			
280	298			
315	333			

Dimensions in inches

Inside diameter d	Fitting diameter d_1		Height	
	Tolerances		h	h_1
$1\frac{1}{2}$	-0.008	$d+0.375$	$\frac{5}{16}$	0.114
—			or	
$1\frac{3}{4}$			$\frac{13}{32}$	0.165
—			or	
2	-0.010	$d+0.375$	$\frac{21}{32}$	0.275
$2\frac{1}{4}$			or	
$2\frac{1}{2}$			$\frac{7}{8}$	0.345
$2\frac{3}{4}$			or	
3	-0.013	$d+0.375$	1	0.361
—				
$3\frac{1}{4}$				
$3\frac{1}{2}$				
4	-0.016	$d+0.425$	$\frac{5}{16}$	0.114
$4\frac{1}{2}$			$\frac{13}{32}$	0.165
5			or	
$5\frac{1}{2}$				
6	-0.022	$d+0.472$	$\frac{21}{32}$	0.275
$6\frac{1}{2}$			$\frac{7}{8}$	0.345
7			1	0.361
$7\frac{1}{2}$			or	
8	-0.022	$d+0.500$	$1\frac{1}{4}$	0.472
9				
10			or	
11				
12			$1\frac{1}{2}$	0.593