

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

**ISO RECOMMENDATION
R 143**

WEFT PIRNS FOR AUTOMATIC LOOMS

1st EDITION

January 1960

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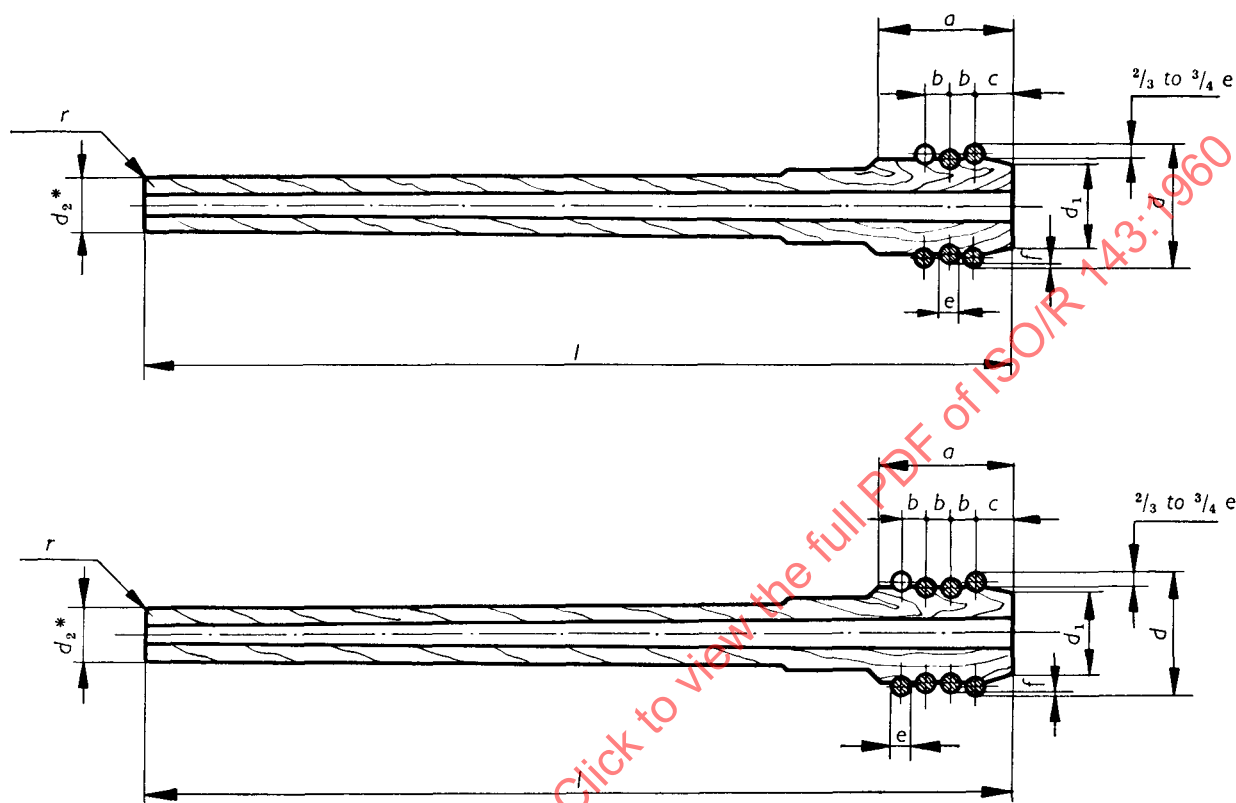
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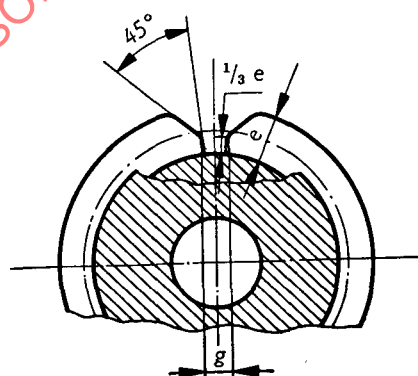
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WEFT PIRNS FOR AUTOMATIC LOOMS



ENDS OF RING



* Minimum external diameter of tip:

Metric System: 10 mm (0.394 in)

Inch System : 0.433 in (11 mm)

Dimensions	Millimetres	Inches
<i>a</i>	25 min.	0.984 min.
<i>b</i>	4.20	0.165
<i>c</i>	9.40 ± 0.25	0.370 ± 0.010
<i>e</i> ¹⁾	2.60 to 2.80	0.102 to 0.110
<i>f</i> ¹⁾	0 to 0.5	0 to 0.02
<i>g</i>	1 min. 4 max.	0.039 min. 0.157 max.
<i>r</i>	2.25 min.	0.088 min.

Number of rings per pin	Diameter over rings		Maximum external diameter of butt at the end of shielded pins		Overall length <i>l</i>			
	Rings 1 and 3 of 3-ringed pins Rings 1 and 4 of 4-ringed pins				Metric System		Inch System	
	<i>d</i>							
	mm	in	mm	in	mm	in	in	mm
3 or 4	24.20 to 24.95	0.954 to 0.983	21.0	0.827	172	6.772	6.75	171.450
	27.00 to 27.68	1.063 to 1.090	23.4	0.922	172 or 190	6.772 or 7.480	7.375	187.325
	30.10 to 30.85	1.185 to 1.215	26.2	1.031	200 or 220	7.874 or 8.661	8.0	203.200
	33.53 to 34.20	1.320 to 1.346	30.2	1.188	220 or 240	8.661 or 9.449	8.75	222.250
							10.0	254.000

Dimensions relating to bores of pins and feeler-contact dimensions are not standardized.

¹⁾ National standards may lie anywhere within the indicated range.