

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

**ISO RECOMMENDATION
R 143**

WEFT PIRNS FOR AUTOMATIC LOOMS

1st EDITION

January 1960

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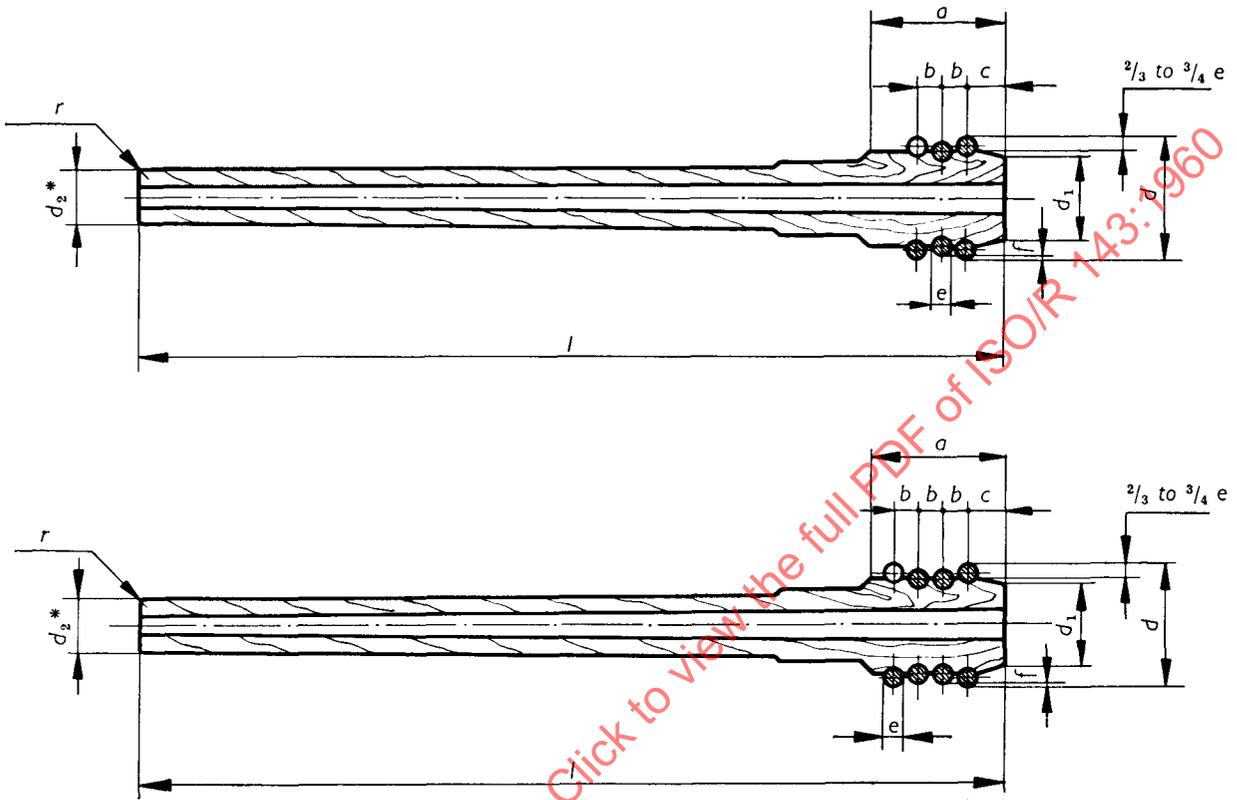
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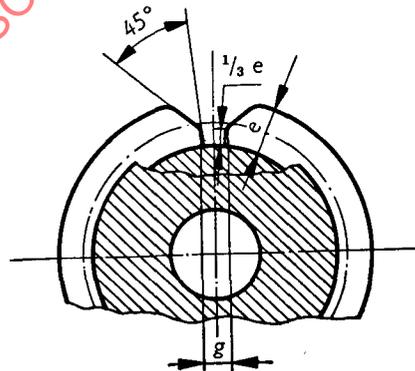
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WEFT PIRNS FOR AUTOMATIC LOOMS



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> | | <i>d</i> ₁ | | mm | in | in | mm |
| 3 | 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 |
| 4 | 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.