

**ISO**

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

**ISO RECOMMENDATION  
R 63**

**LENGTHS OF FLAT TRANSMISSION BELTS**

1st EDITION

April 1958

COPYRIGHT RESERVED

The copyright of ISO Recommendations and ISO Standards belongs to ISO Member Bodies. Reproduction of these documents, in any country, may be authorized therefore only by the national standards organization of that country, being a member of ISO.

For each individual country the only valid standard is the national standard of that country.

Printed in Switzerland

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

## BRIEF HISTORY

The ISO Recommendation R 63, *Lengths of Flat Transmission Belts*, was drawn up by Technical Committee ISO/TC 41, *Pulleys and Belts (including V-Belts)*, the Secretariat of which is held by the Association Française de Normalisation (AFNOR).

It was at its meeting in Stockholm, in June 1955, that the Technical Committee adopted, unanimously by the delegations present, the resolutions on which this Recommendation is based.

After the Stockholm meeting, a draft proposal was submitted to the members of Technical Committee ISO/TC 41. No comments having been received, the draft proposal was sent to the General Secretariat which placed it before all the ISO Member Bodies, as a Draft ISO Recommendation.

The following 23 (out of a total of 38) Member Bodies approved the Draft without reserve:

Austria	Hungary	Pakistan
Belgium	India	Poland
*Canada	*Ireland	Spain
Denmark	Italy	Sweden
Finland	Japan	Switzerland
France	*Mexico	United Kingdom
Germany	Netherlands	U.S.S.R.
Greece	New Zealand	

However, the Bulgarian and the U.S.A. Member Bodies did not approve it.

In April 1958, the ISO Council decided, by correspondence, to accept the Draft ISO Recommendation as an ISO RECOMMENDATION.

---

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

## LENGTHS OF FLAT TRANSMISSION BELTS

The present ISO Recommendation defines the lengths of flat transmission belts, stated as their *inside lengths under normal fitting tension*.\*

According to the nature of the belt and the method of its manufacture, it is for the manufacturer to ensure that its length is such that, under normal fitting tension, it is one of the lengths given in the table. The lengths set in bold type are particularly recommended.

Millimetres	Inches	Millimetres	Inches
<b>500</b>	<b>20</b>	1 320	53
530	21	<b>1 400</b>	<b>55</b>
<b>560</b>	<b>22.5</b>	1 500	60
600	24	<b>1 600</b>	<b>63</b>
<b>630</b>	<b>25</b>	1 700	68
670	27	<b>1 800</b>	<b>71</b>
<b>710</b>	<b>28</b>	1 900	76
750	30	<b>2 000</b>	<b>80</b>
<b>800</b>	<b>32</b>	<b>2 240</b>	<b>89</b>
850	34	<b>2 500</b>	<b>100</b>
<b>900</b>	<b>35.5</b>	<b>2 800</b>	<b>112</b>
950	38	<b>3 150</b>	<b>124</b>
<b>1 000</b>	<b>40</b>	<b>3 550</b>	<b>140</b>
1 060	42.5	<b>4 000</b>	<b>160</b>
<b>1 120</b>	<b>45</b>	<b>4 500</b>	<b>180</b>
1 180	47	<b>5 000</b>	<b>200</b>
<b>1 250</b>	<b>50</b>		

The millimetre values given in the table are selected from series of preferred numbers.\*\* The values set in bold type form the R 20 series. The other values belong to the R 40 series only.

\* The widths of flat transmission belts are given in ISO Recommendation R 22.

\*\* See ISO Recommendations R 3, *Preferred Numbers – Series of Preferred Numbers*, and R 17, *Guide to the Use of Preferred Numbers and of Series of Preferred Numbers*.