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# INTERNATIONAL STANDARD



# 63

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION · МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ · ORGANISATION INTERNATIONALE DE NORMALISATION

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## Flat transmission belts — Lengths

*Courroies plates de transmission — Longueurs*

First edition — 1975-05-01

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**Descriptors** : belts, power transmission belts, dimensions, length.

Price based on 1 page

## FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 41 has reviewed ISO Recommendation R 63 and found it technically suitable for transformation. International Standard ISO 63 therefore replaces ISO Recommendation R 63-1958 to which it is technically identical.

ISO Recommendation R 63 was approved by the Member Bodies of the following countries :

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

The Member Bodies of the following countries expressed disapproval of the Recommendation on technical grounds :

Bulgaria\*  
U.S.A.

No Member Body disapproved the transformation of ISO/R 63 into an International Standard.

\* Subsequently, this Member Body approved the Recommendation.

## Flat transmission belts — Lengths

### 1 SCOPE AND FIELD OF APPLICATION

This International Standard lays down the lengths of flat transmission belts, stated as their *inside lengths under normal fitting tension*.

NOTE — The widths are dealt with in ISO 22.

### 2 LENGTHS

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.

mm	in	mm	in
<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>		

NOTE — The millimetre values 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.