

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1005/II

RAILWAY ROLLING STOCK MATERIAL

iTeh STANDARD PREVIEW
ROUGH TYRES FOR TRAILER STOCK
(standards.iteh.ai)
DIMENSIONS AND TOLERANCES

ISO/R 1005-2:1969

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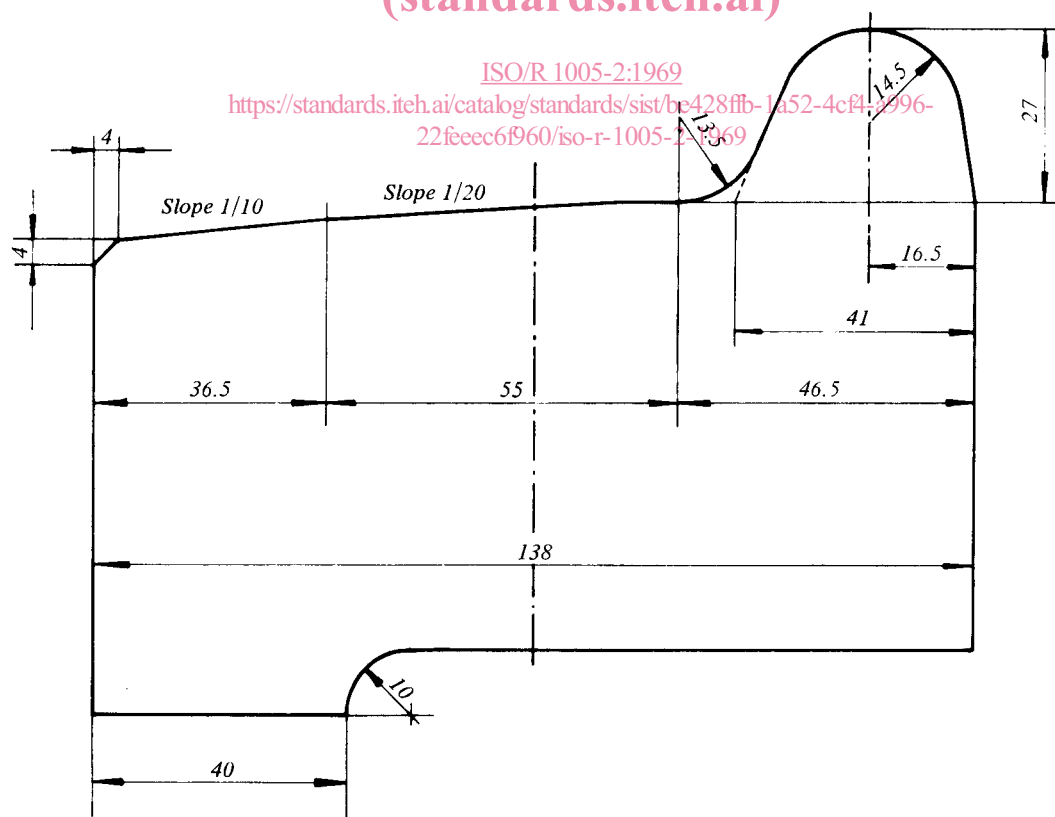
RAILWAY ROLLING STOCK MATERIAL
ROUGH TYRES FOR TRAILER STOCK
DIMENSIONS AND TOLERANCES

1. SCOPE

This ISO Recommendation applies to dimensions and tolerances for rough tyres for trailer stock.

2. DIMENSIONS

The internal diameter, thickness, and theoretical weight should be specified on the order. Other dimensions should be those specified on the drawing below.



NOTE. – In the case of certain passenger rolling stock, the slope of the running surface and the radius connecting it to the flange can be specified by the purchaser at different values from those specified above.

3. TOLERANCES

3.1 Tolerances on dimensions

Internal diameter : nothing over }
 External diameter : nothing under }

The deviation from these dimensions is governed by a maximum deviation of 6 % on the theoretical mass.

Width : $\begin{matrix} +2 \\ -1 \end{matrix}$ mm

3.2 Tolerances on shape

Ovality ≤ 2.5 mm
 Eccentricity* ≤ 2 mm
 Taper ≤ 2 mm
 Buckle (or warp)** ≤ 2 mm

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* Lack of co-axiality of the external and internal surfaces of revolution.

** For measurement of this variation in shape, the tyre should be placed flange face down, on a flat surface; the distance from any point on this face to the flat surface should not exceed the stipulated tolerance.

BRIEF HISTORY

The ISO Recommendation R 1005/II, *Railway rolling stock material -- Rough tyres for trailer stock -- Dimensions and tolerances*, was drawn up by Technical Committee ISO/TC 17, *Steel*, the Secretariat of which is held by the British Standards Institution (BSI).

Work on this question led, in 1967, to the adoption of a Draft ISO Recommendation based on a corresponding UIC* code.

In January 1968, this Draft ISO Recommendation (No. 1376) was circulated to all the ISO Member Bodies for enquiry. It was approved, subject to a few modifications of an editorial nature, by the following Member Bodies :

Austria	Hungary	Romania
Belgium	India	South Africa, Rep. of
Canada	Israel	Spain
Colombia	Italy	Sweden
Czechoslovakia	Korea, Rep. of	Switzerland
Denmark	Netherlands	Turkey
Finland	New Zealand	U.A.R.
France	Norway	United Kingdom
Germany	Portugal	Yugoslavia

Two Member Bodies opposed the approval of the Draft :

Japan
U.S.A.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in March 1969, to accept it as an ISO RECOMMENDATION.

* Union Internationale des Chemins de fer (International Union of Railways).