

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION R 1005/II

RAILWAY ROLLING STOCK MATERIAL

ROUGH TYRES FOR TRAILER STOCK

DIMENSIONS AND TOLERANCES

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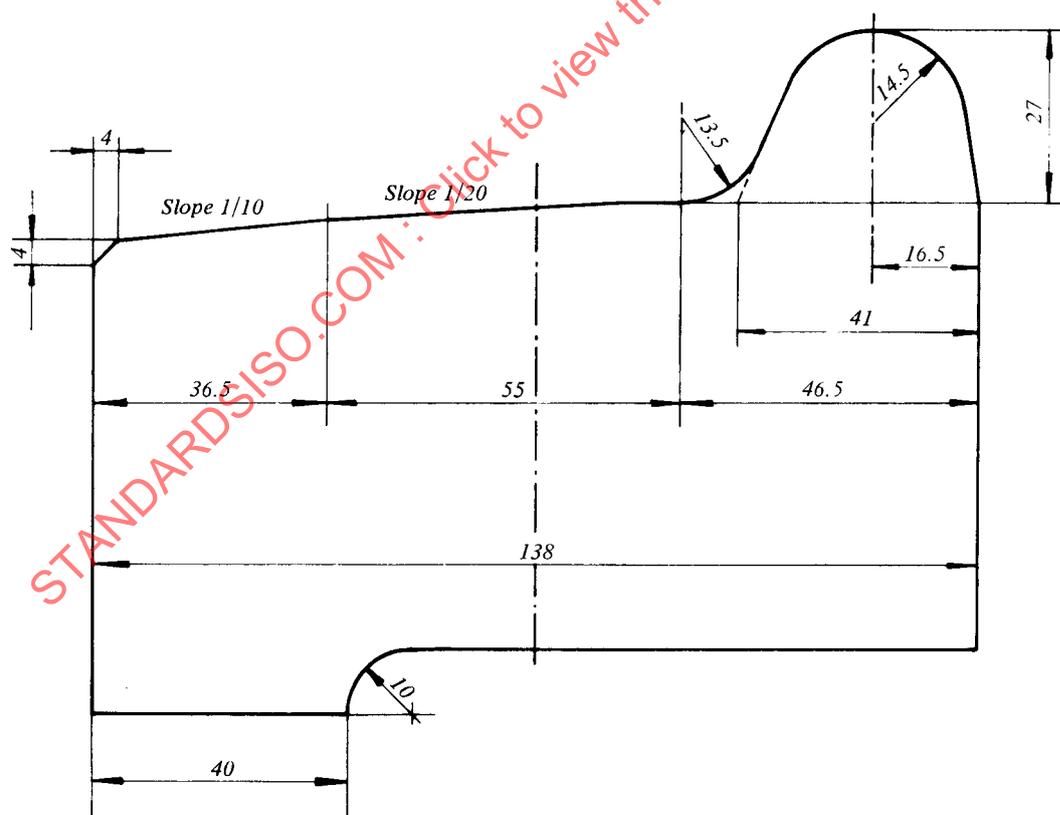
DIMENSIONS AND TOLERANCES

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.