

# UIC CODE

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*Translation*

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## **Solid wheels for tractive and trailing stock - Tolerances**

*Roues monoblocs pour matériel roulant moteur et remorque - Tolérances*

*Vollräder für Triebfahrzeuge und Wagen - Toleranzen*



UNION INTERNATIONALE DES CHEMINS DE FER  
INTERNATIONALER EISENBAHNVERBAND  
INTERNATIONAL UNION OF RAILWAYS

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## Leaflet to be classified in Volumes :

V - Rolling stock

VIII - Technical specifications

## Application :

With effect from 1 January 1986

All members of the International Union of Railways

## Record of updates

**1st edition, January 1986**      First edition

**2nd edition, December 2002**      Retyped in FrameMaker

*The person responsible for this leaflet is named in the UIC Code*

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## Summary

This leaflet specifies the degree of finish, the dimensional requirements and the surface roughness of solid wheels for tractive and trailing stock together with the applicable tolerances. It specifies the information to be supplied by the purchaser and the inspections that shall be carried out.

Status of leaflet:

- obligatory for all UIC and ERRI technical documents,
- recommendatory for all technical documents of UIC member railways.

# 1 - Purpose and scope

**1.1** - The present leaflet specifies the dimensional requirements<sup>1</sup> (see Appendix A - page 8) shown in table 1 - page 9 (see also point 5.1 - page 6) for forged, rolled or cast solid wheels with curved or straight webs in various degrees of finish.

This technical specification contains several points of technical convergence with *ISO Standard 1005/8* (see Bibliography - page 11), which covers the same field.

**1.2** - The quality requirements for solid cast wheels are given in *UIC Leaflet 812-3* (see Bibliography - page 11).

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1. The term "dimensional requirements" applies to the tolerances.