

Technical specification for the supply of ring-shaped elastomer joints for brake coupling heads

*Spécification technique pour la fourniture de joints annulaires en élastomères pour têtes d'accouplement
de frein*

Technische Lieferbedingungen für Elastomer-Dichtungsringe für Bremskupplungsköpfe



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

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Summary

This specification governs the supply of ring-shaped elastomer joints for brake coupling heads.

1 - Purpose

1.1 - Description of parts

This specification governs the supply of ring-shaped elastomer joints for brake coupling heads as defined in *UIC Leaflet 541-1, Appendix D, fig. 29*.

1.2 - Classification

A single category.

1.3 - Reference documents

ISO 37, ISO 48, ISO 188, ISO 471, ISO 815, ISO 2285 (see Bibliography - page 16)

2 - Characteristics

2.1 - Composition

Joints shall be made of compact moulded elastomers.

The choice of elastomer composition shall be left to the discretion of the manufacturer which shall inform the purchasing Railway of the materials used if so requested by the latter.

2.2 - Appearance

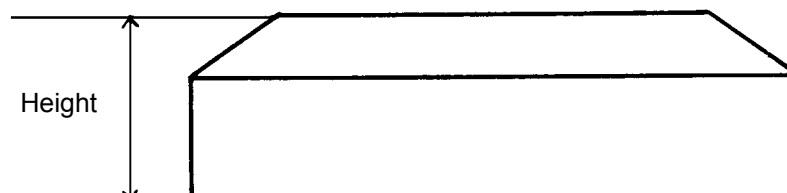
The surfaces of joints shall be smooth and free from visible defects which might be detrimental to their use (in particular, parting lines). The edges shall be clear-cut.

2.3 - Geometrical characteristics

Joints shall be supplied to the dimensions stipulated in the order or its associated documents.

The following tolerances shall be observed:

- $\pm 0,2$ mm on diameters,
- $\pm 0,4$ mm on the height.



2.4 - Mechanical properties

2.4.1 - Hardness

2.4.1.1 - Hardness as ready for submission (at $23^{\circ}\text{C} \pm 2^{\circ}\text{C}$)

65 IRDH with a tolerance of ± 5 IRDH.

2.4.1.2 - Hardness after ageing for 7 days at 70°C

Hardness recorded after ageing shall not deviate by more than 5 IRHD from the value recorded before ageing.