



DIMENSIONS FOR WHEEL, RIM AND DISC DRAWINGS FOR LIGHT METAL WHEELS

E S 3.02

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COTATION DES PLANS DE ROUES, JANTES ET DISQUES EN ALLIAGE LEGER
MASSE IN RAD-, FELGEN- UND SCHÜSSELZEICHNUNGEN FÜR
LEICHTMETALLRÄDER

1 - SCOPE AND FIELD OF APPLICATION

This Euwa specification covers the dimensions in wheel assembly, rims and disc drawings of vehicle wheels made of light metal only. It is defined which dimensions have to be measured without and with paint.

In the case where at least one paint coat is made of electrostatically deposited powder, special statements should be made on the drawing or in separated specifications.

2 - DIMENSIONS FOR WHEEL, RIM AND DISC DRAWINGS

2.1 GENERAL CONDITIONS

With the following exceptions, all dimensions in drawings refer to the base metal part without surface protection (primer coat, finish paint) unless condition is explicitly detailed on the drawing.

Modern manufacture with statistical process control unconditionally requires measuring without paint.

2.2 DIMENSIONS WITH INCLUSION OF SURFACE PROTECTION (PRIMER COAT, FINISH PAINT)

2.2.1 Central hole: min diameter

2.2.2 Seat for wheel cover, if functionally necessary

2.2.3 Bead seat and hump circumference according to E.T.R.T.O. (European Tyre and Rim Technical Organisation)

2.2.4 Other explicitly "with paint" indicated dimensions.

2.3 STATEMENTS AND DIRECTIONS IN DRAWINGS

For the dimensions under item 2.2, the dimensions for the base metal part should also be fixed with appropriate notes taking into consideration paint thickness for the nominal dimension, but without reducing the tolerance used for the finished part.

2.3.1 Central hole: nominal diameter with tolerance

3 - PAINT THICKNESS

3.1 TOTAL PAINT THICKNESS

Statements on the drawing directly or as to specification.

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Main changes compared to the last issue:

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