



SAFETY RECOMMENDATIONS IN CONNECTION WITH WEAR OF RIM FLANGES OF VEHICLE WHEELS

E S 3.06

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*RECOMMANDATIONS DE SECURITE EN RAPPORT AVEC L'USURE
DES REBORDS DE JANTES DE VEHICULES*
SICHERHEITS-EMPFEHLUNGEN IN ZUSAMMENHANG MIT DEM VERSCHLEISS
AN FELGENHÖRNERN VON FAHRZEUGGRÄDERN

1 - SCOPE AND FIELD OF APPLICATION

This specification covers safety recommendations for wheels of cars, estate cars, vans and commercial vehicles made of steel or light metal in connection with the wear on rim flanges under extreme conditions as for example sea atmosphere, winter salt resp. granulate, sand or dirt influence etc. This may also indicate overload or underinflation, which in any case must be excluded.

An example of such wear on the rim flanges of a 15° D.C. wheel see fig. 1 on page 2.

2 - SAFETY RECOMMENDATIONS

In case of wear or damage to rim flanges (top of the flanges) it is recommended that:

- I) all sharp edges be removed to avoid tyre damage during fitting and usage.
Example: see fig. 2 on page 2.
- II) the depth of the wear is limited with max. 10 % of rim thickness by measuring the remaining thickness which must not exceed min 90 % of wall thickness of rim flange nearby without wear.
Example: see figure 3 on page 2.
- III) wheels which have less than 90 % remaining wall thickness of rim flange have to be scrapped. Otherwise consult rim and wheel manufacturer for max. depth of wear / damage in connection with sufficient strength resp. lifetime of the rim / wheel.

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Main changes compared to the last issue:

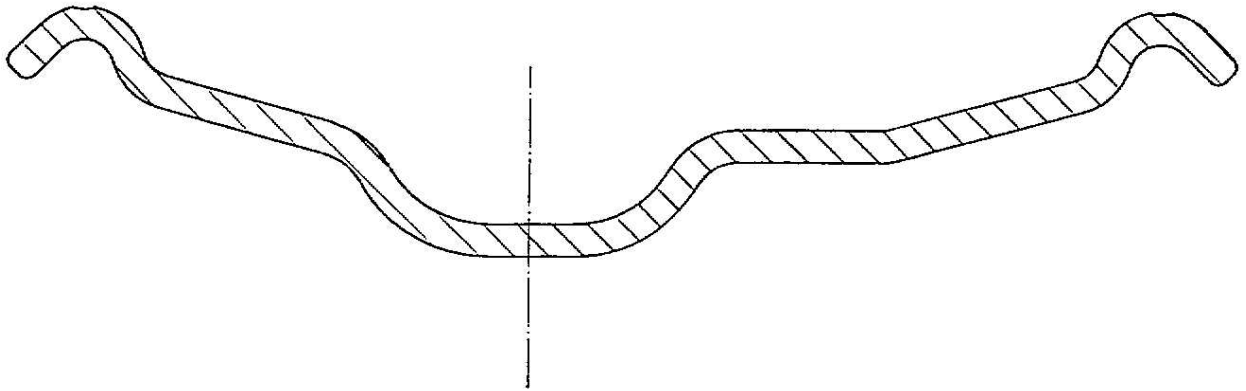


Figure 1

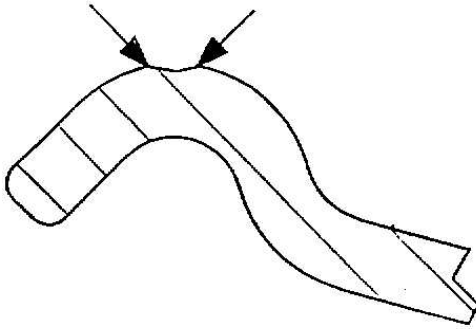


Figure 2

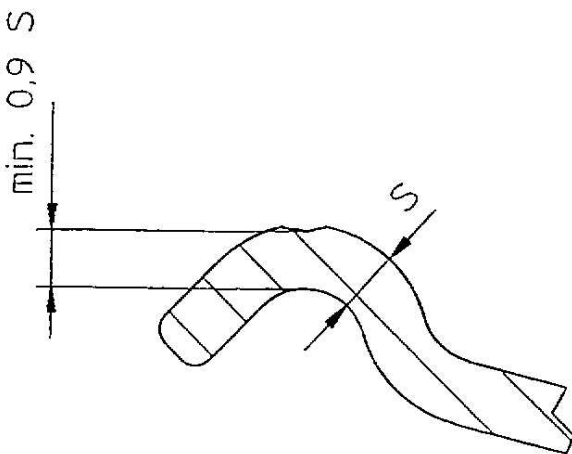


Figure 3