



LuK Service Info



Dual mass flywheel (DMF) bearing flange

Material fold visible

The construction of some dual mass flywheels requires the use of a drawn bearing flange/bearing dome. Due to the specific steps of the series deep drawing production process and the use of forming tools, surface material folds with a depth of up to 30 µm may form on the inner wall of the flanges in individual cases (Figures 1 and 2).

Although at first glance these material folds are perceived as mechanical cracks in the material, this is only a characteristic surface structure and does not represent a quality issue with the material.

Note:

DMFs which exhibit a material fold in the described area meet all technical specifications despite their differing appearance and can be used without any concern.

Reason:

As the material fold is outside the functional area, it has no effect on the function and reliability of the DMF.

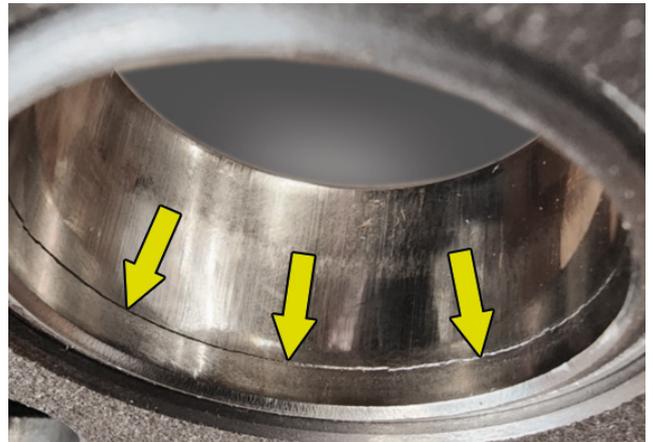


Figure 1: Circumferential material fold on the bearing flange of a DMF

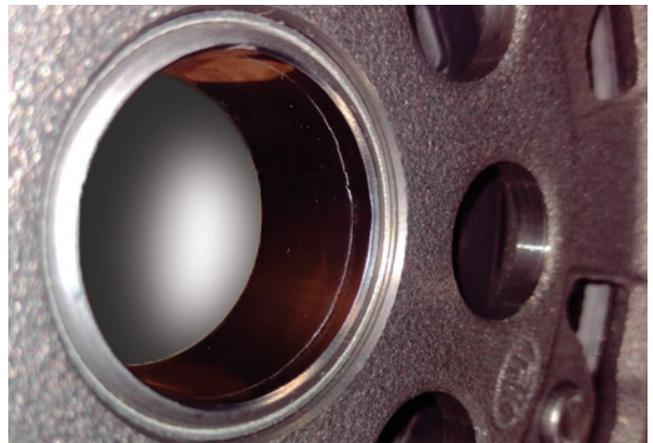


Figure 2: Material fold on the bearing flange with a low profile

Please observe the vehicle manufacturer specifications!

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