

## ENDURANCE CALCULATION OF FRONT KNUCKLES

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### Abstract

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**This paper presents a comparison calculus between two front knuckles used for the same vehicle. The CAD model was done using CATIA V5 and the calculus using FEM by MSC/NASTRAN and ENDURO. The calculus was done considering the testing conditions imposed by the specification notes for product manufacturing.**

### Keywords

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**Front knuckle, endurance, FEM.**