



Mubea

light.efficient.global.

We are international
supplier to automotive
industry

In Prostějov, we employ
more than 1000 people
and we produce hi - tech
chassis parts based on
our own technology and
innovations.



www.mubea.com

Bachelor / diploma thesis

Analysis of stabilizer clamp FEM results vs. test results

Background: To improve the accuracy of the lifetime estimation by FEM a general analysis of virtual and real test results has to be performed.

Objective targets for the thesis:

- ☐ **Aggregation of virtual and real test results**
- ☐ **Clustering of the results in specific load cases or components**
- ☐ **Analysis of the results**
- ☐ **Conclusion of the analysis and recommendations**

Result of the thesis: Performance analysis of the lifetime estimation by FEM for stabilizer clamps and improvement measures

Contact:
RNDr. Aleš Muroň
Tel: +420 582 778 719
ales.muron@mubea.com

MUBEA – HZP s.r.o.
Dolní 100
797 11, Prostějov
www.mubea.com