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Design Modeler - thickness is not needed. In Workbench choose View -> Properties. Select the Geometry cell of the transient analysis system and look at the Properties (right side of WB now). Change the Analysis Type to 2D (that is a drop down list). Then open the Model.

## **2D Model Finite Element Analysis —**

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The flexible bodies were generated using the finite element program ANSYS and then imported into the ADAMS model and their flexibility accounted for in the dynamic simulation of the cutter. The simulation mimicked a rotating drum test that is used in the development of new cutter systems.

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simulations and even parameterize them for many design scenarios.

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Ansys finite elements used in Anti-move bar Analysis BEAM189 element  
BEAM189 is a quadratic (3-hub) shaft component in 3-D, as appeared in

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Figure. BEAM189 is characterized by hubs I, J, and K in the worldwide organized framework and records for the underlying ebb and flow of the pillars.

## **Modelling and finite element analysis of anti-roll bar ...**

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