

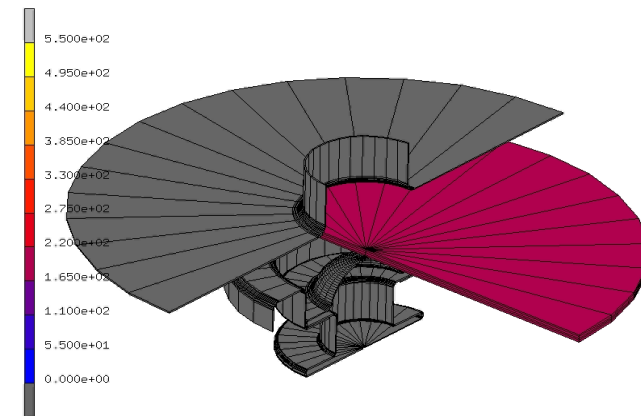
Objective

Decrease number of failures during production process and increase the dimensional accuracy.



Research topics

Improve the applied material model present in numerical simulation by accounting for phase transformations occurring during deformation



Industrial benefits

- reduces time to market with 50%
- avoids after working and saves millions per year
- speeds up material efficiency from 25% to 80% saving millions per year
- supports development and application of improved stainless steels



TRIP Steel Sandvik Nanoflex



Forming process shaver heads – Philips DAP