## **Reduction of Thermal Stress in Disc Brake Rotors**



## - Overview -

Determine a shape to reduce thermal stress below the target value while simultaneously achieving weight reduction. The analysis model has been scaled to 1/24th of its actual size.

This example focuses solely on thermal stress analysis, but OPTISHAPE-TS can perform steady-state heat conduction analysis and thermal stress analysis consecutively.

\*Non-parametric Shape Optimization: Determines the shape by adjusting the nodes of the FEM model

## - Non-parametric Shape Optimization -

