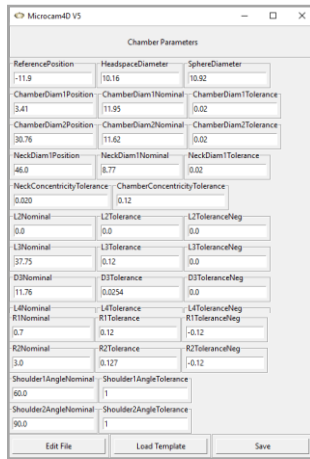# NOVACAM™ Barrel Analysis PolyWorks® Package

- ✓ Novacam-developed extension for PolyWorks® Inspector software
- ✓ Supports 3D data analysis of barrel and chamber interiors
- ✓ Speeds up and fully automates the repetitive tasks of data processing and go-no-go reporting
- ✓ Package licence is available as an option with NOVACAM™ 3D metrology systems for barrel measurement
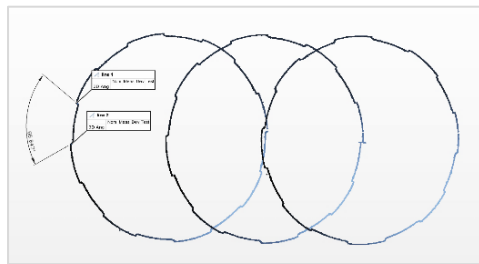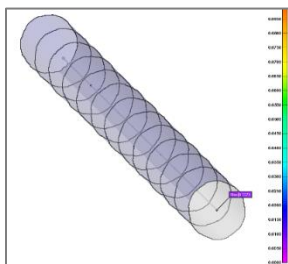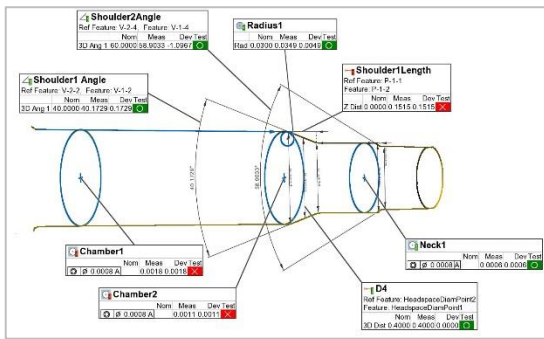
Rifle Barrel Inspection Assistant provides **dialog forms** to easily set up scanning and inspection parameters for data processing in PolyWorks. Define scan locations, nominals, and tolerances for standard inspections.

Generic rifling and chamber report templates are fully customizable.

- ✓ **Rifling inspection callouts -** bore and groove diameter, land and groove width, groove depth, number of grooves, flank angles*, rifling twist rate (constant and progressive), barrel straightness

- ✓ **Chamber inspection callouts -** chamber diameters, chamber section lengths, cone angles and concentricity, shoulder lengths and angles, radii

- ✓ **Roughness (Ra) callouts**

*For direct measurement of flank angles < 60˚; available with systems that include NOVACAM™ MICROCAM™-4D interferometer.

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