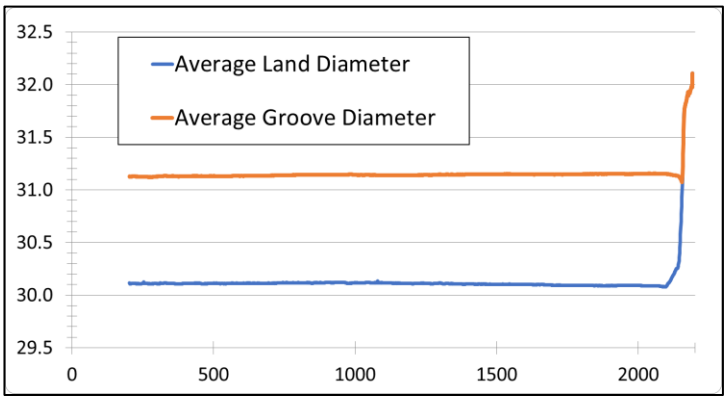
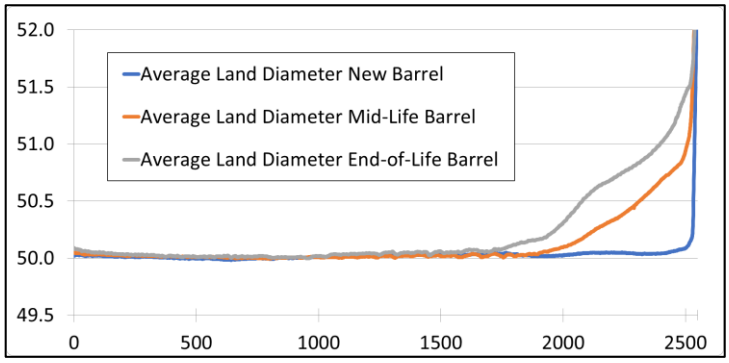
Laser Techniques Co.
Quality Control and NDT Systems

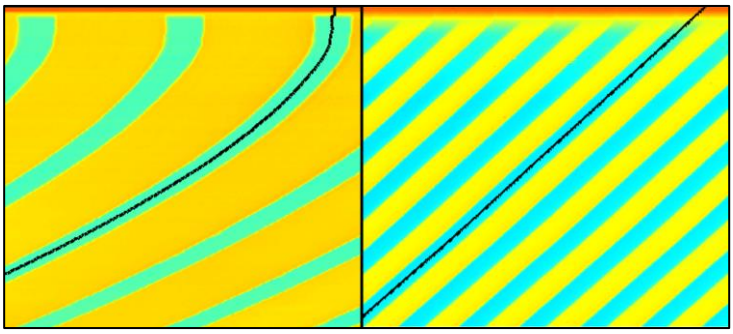
LaserViewer™ Analysis
Bore Reporting Module – Rifled Bores



Bore report showing land and groove diameters



Multiple scan reports combined to show the progression of land erosion near the origin of rifling



Easily create reports for both uniform-twist and progressive-twist barrels with automatic land-tracking

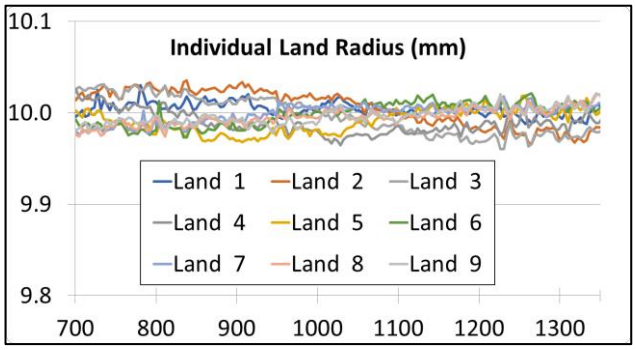
Statistics						Individual Measurements		
Axial Position	Average Radius	Maximum Value	Maximum Land	Minimum Value	Minimum Land	Land 1	Land 2	Land 3
0.00	10.033	10.089	2	9.974	8	10.047	10.089	10.083
1.00	9.993	10.022	6	9.955	9	9.976	10.011	10.018
2.00	9.994	10.050	2	9.945	8	10.024	10.050	10.045
3.00	9.970	10.024	3	9.921	7	9.991	10.003	10.024
4.00	9.989	10.033	3	9.941	7	10.007	10.014	10.033
5.00	9.999	10.049	3	9.961	7	10.017	10.024	10.049

Tabular results for land and groove radius or diameter measurements

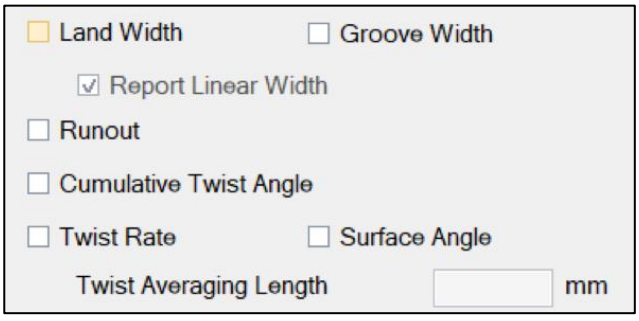
Bore Reporting Module – Rifled Bores

(SFW-PC-RPT-R)

- ***Creates reports*** from any BEMIS™ rifled bore data in graphical and tabular formats
- ***Reporting outputs*** include: land/groove diameter/radius, land/groove width, bore runout, and rifling twist (cumulative, rate, and exit angle)
- ***Tolerancing available*** on all outputs
- ***Statistics*** *and individual* measurements
- ***User configurable*** setup files to create consistent reporting in a variety of formats
- ***Zone reporting*** with user-configurable report intervals and pass/fail criteria in each zone



Graph showing the radius measurements of all lands in a section of 20mm barrel



Multiple options available to meet inspection requirements (more available than are shown here)

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