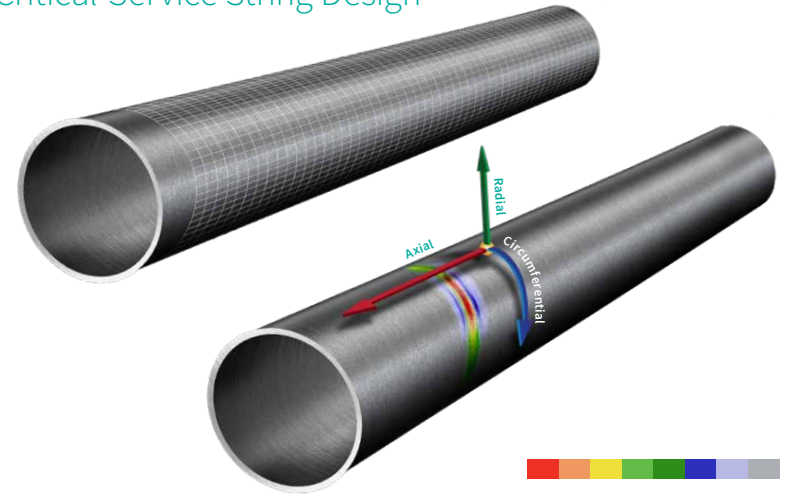


TruMap™ – Oilfield Tubular Optimization

A Multi-Dimensional Inspection and Measurement Package to Optimize Critical-Service String Design



Joint Summary 9 7/8" x .625" Wall Thickness

Wall	OD	ID	CSA	Eccentricity	Ovality	Joint Tally
Max 0.626	Max 9.929	Max 8.719	Max 17.87	Max 0.049	Max 0.0011	29.4
Min 0.596	Min 9.918	Min 8.692	Min 17.83	Min 0.013	Min 0.0002	
Avg. 0.610	Avg. 9.924	Avg. 8.704	Avg. 17.85	Avg. 0.030	Avg. 0.0005	

With our unique inspection technology, we provide you the actual values needed to optimize your drilling, casing, landing strings and pipeline projects.

Our proprietary ultrasonic (UT) and laser technology delivers accurate wall thickness values combined with precise outside diameter and length measurements.

TruMap Provides Actual

- Wall Thickness Values
- Outside Diameter
- Internal Diameter
- Ovality
- Internal Volume Value
- Calculated Pipe Weight and Length

TruMap Benefits Include

- Enhanced burst, collapse, load capacity and tensile variables
- Improved liner hanger data for setting ID information
- Complete OD measurement for radial clearances
- Wall thickness benchmark for downhole logging/survey tools
- Individual joint identification for strategic placement
- Calculated string weight for peak performance
- Maximum safe over-pull calculation
- Greater control of casing string cementing fluid volumes

