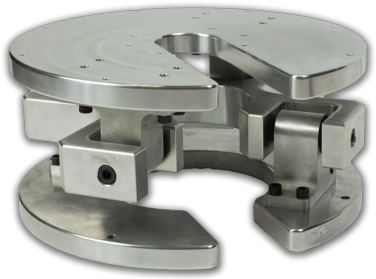
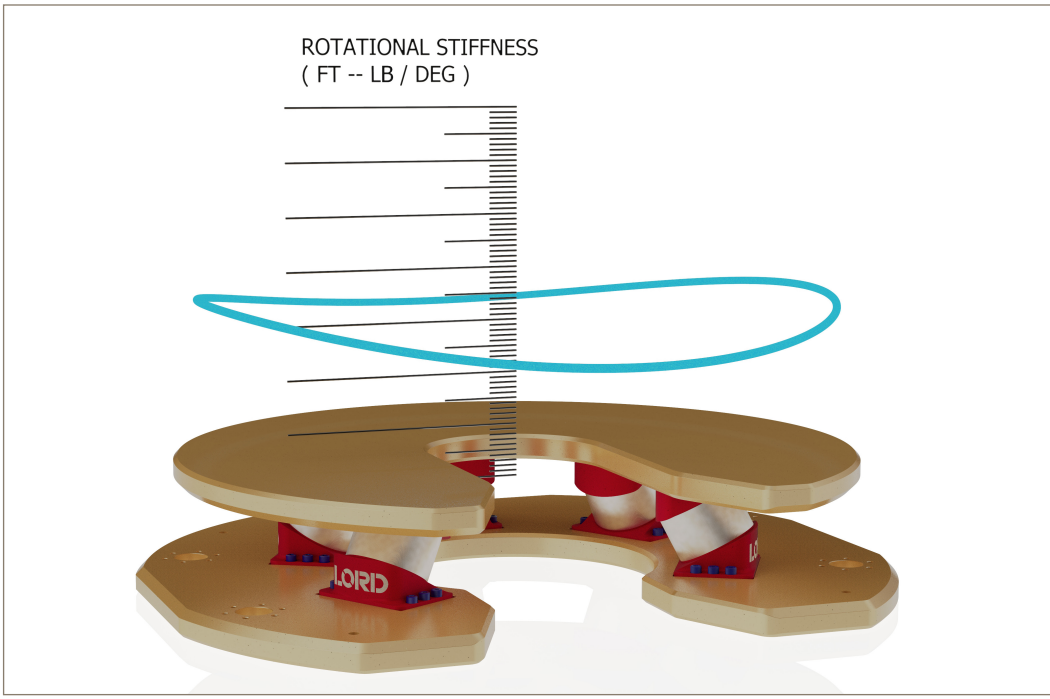
LORD® Gimbal Bearing Assemblies and Pads

Accurately Model the Stiffness of Any Gimbal Configuration



LORD® gimbal pads and assemblies are designed under strict process and quality controls to ensure each part performs consistently. Through FEA, we can accurately model the stiffness of any gimbal configuration, resulting in a product designed to handle extreme loading and environmental conditions for improved pad life.



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For a listing of our worldwide locations, visit LORD.com

Traditional Gimbal Pads

- Advanced materials and bonding technology lead to longer fatigue life and improved reliability
- Visual condition monitoring of pad through use of LORD® High Performance Coating
- Available in custom solutions or aftermarket replacements for existing gimbals

Universal Joint Gimbals

- Rotational stiffness up to 99% lower than a traditional gimbal even at higher loads, greatly reducing riser fatigue
- Projected 8x fatigue life improvement over a traditional gimbal assembly
- High load carrying and angular capability in a compact footprint as often required on intervention vessels
- Accommodates angles up to 15 degrees
- Simple alternative to hydraulic gimbal assemblies

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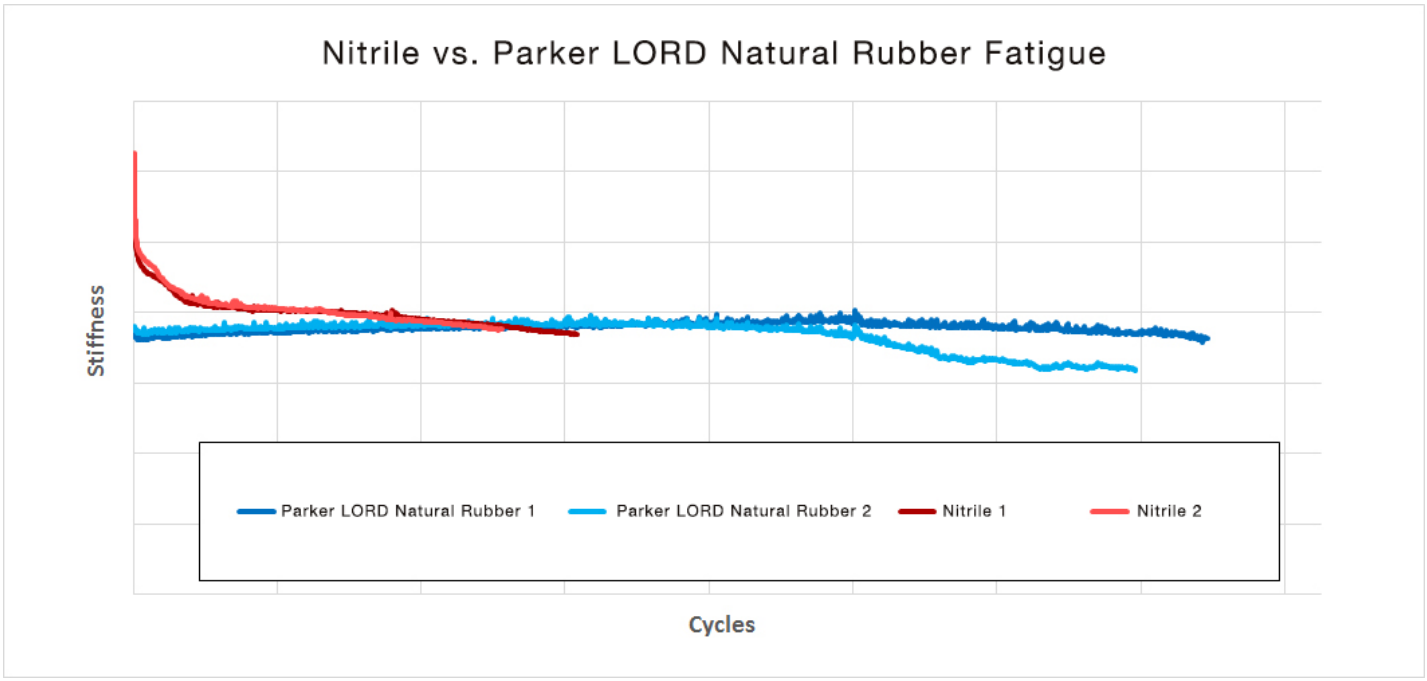
Proprietary Natural Rubber Formulation

LORD gimbal pads utilize a proprietary natural rubber formulation which provides greater fatigue life than the nitrile traditionally used. This, combined with our High Performance Coating, offers longer service life and decreased maintenance — serving as a drop-in replacement in most applications. Our universal joint-style gimbals address fatigue life in extreme applications where deck space is limited.



For additional information, reference our white paper, "Improving the Reliability of Traditional Gimbal Bearing Pads", to see extreme tensile load test results.

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