

# LORD® Gimbal Bearings

## UNIVERSAL JOINT GIMBAL BEARING

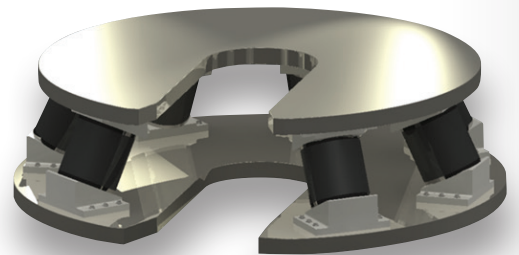
### *Patent Pending*

- Rotational stiffness 1/100 that of a traditional gimbal, greatly reducing the moment transmitted to the riser
- Service life outlasts a traditional gimbal due to lower elastomer strains
- Universal joint design provides an equivalent stiffness in all directions
- Option to have high or low lateral stiffness
- Designed to accommodate angles up to 15 degrees



## TRADITIONAL GIMBAL PADS

- Increased reliability using high capacity laminate design
- Customized to meet customer stiffness/load-bearing requirements and deflection requirements
- Easy visual assessment of bearing condition through use of patented color elastomer



## ABOUT LORD CORPORATION

LORD provides valuable expertise in adhesives, coatings, vibration and motion control, sensing and magnetically responsive technologies.

Our experts help increase the value and durability of your products in the most challenging downhole and offshore environments. Building on more than eight decades of experience in industrial and aerospace sectors, we provide motion and vibration control solutions that meet the dynamic needs of the oil and gas industry. Our products include downhole shock and vibration attenuation tools that increase the reliability of MWD electronics, surface equipment mounts, sensing solutions, and offshore flexible joints, packers, and elastomeric bearings. Dedicated teams at LORD are available to collaborate with you to reduce risk and improve performance of your equipment in the harshest applications.

**Employees:** Approximately 3,000 worldwide

**Operations:** LORD has manufacturing facilities in eight countries and more than 90 sales and support centers. Dedicated teams provide customers with easy access to products and technical expertise — whenever and wherever they are needed.

## TECHNOLOGIES

Continuing the company's tradition of ingenuity and inventive spirit, LORD continues to develop technologies to meet the needs and challenges of an ever-evolving global marketplace.

- Elastomeric Vibration Isolation and Damping
- Elastomer Bonding and Coating
- Structural Bonding
- Active Vibration Control
- Magneto-Rheological (MR)
- Fluid Vibration Isolation and Damping
- Balancing
- UV-Cured Coatings
- Electronic Thermal Management
- Electronic Device Protection
- Pressure, Load, Orientation, and Temperature Sensors

## MORE INFORMATION

To learn more about LORD Oil & Gas products, visit [LORD.com/oilandgas](http://LORD.com/oilandgas). Or, contact Customer Support at +1 (855) 796 1595; [oilandgas@lord.com](mailto:oilandgas@lord.com).