

Conforma Clad® Mud Motor Radial Bearings

**...over 200,000 supplied to major oil and gas
companies with NO catastrophic failures!**

1 Increased Bearing Life

LASTS
10X
LONGER

Our exclusive cladding sustains tight tolerances and remains durable, even under extreme heat and stress. Conforma Clad® bearings last over **ten times** longer than those protected by competitive materials.

2 Reduced Operational Costs

Unprotected bearings must be replaced every 20 to 60 hours. Conforma Clad® bearings have a run life of over 300 hours, significantly improving feet-drilled-per-day and lowering the average cost-per-foot-drilled.

3 Improved Motor Performance

Operators can push motors without damaging the bearings, permitting sharper turns, faster penetration and less drilling time.

4 Enhanced Drilling Accuracy

Reduced bearing wear means that design tolerances are maintained downhole, resulting in improved mud motor control and greater drilling accuracy.

5 Unsurpassed Quality Standards

Conforma Clad® radial bearings are designed and manufactured according to stringent quality standards that govern material selection, machining, infiltration brazing, surface finishing and packaging.



Conforma Clad has been perfecting wear protection for directional drilling components since 1985. Major oil drilling and exploration companies worldwide trust Conforma Clad to preserve their high-performance drilling components. Our proprietary cladding technology is the best wear protection available for downhole and surface equipment, including mud motor bearings, flow restrictors and flow diverters.

Conforma Clad® bearings last longer, allowing contractors to push mud motors harder and get the job done faster. Our radial bearings easily handle extreme side loading, enabling sharper turns and increased drilling accuracy. The proven reliability of Conforma Clad® bearings has made them an industry standard.

Proven Results

Reliability is as important as speed and accuracy when drilling for oil and gas thousands of feet below the earth's surface. You can't afford a critical component failure, especially downhole where the cost of downtime far exceeds the cost of replacement parts. Conforma Clad® radial bearings stand up to the rigorous demands and harsh drilling environments inherent to oil and gas exploration.

Conforma Clad is the leading provider of radial bearings to the oil and gas industry. We have supplied more than 200,000 radial bearings to major oil and gas companies over the past twenty years with no catastrophic wear failures. Operators and maintenance teams rely on Conforma Clad to reduce downtime and increase drill productivity.



Radial Bearing Specifications

	Barrel Dimensions (inches)	
	Diameter Range	Length Range
Inside Diameter (ID)	3/4 - 12	1/2 - 30
Outside Diameter (OD)	3/4 - 12	1/2 - 30

Conforma Clad offers a wide range of ID and OD clad radial bearings to fit an assortment of mud motor sizes and configurations.

Cladding Specifications	
Substrates	Cladding can be applied to most alloy steels, carbon steels, precipitation hardened steels and stainless steels. Bearings can be heat-treated after cladding process to restore mechanical properties of steel.
Temperature	Continuous operation at temperatures up to 1900° F (1038° C) with nominal performance impact. Able to withstand transients in excess of 2000° F (1093° C).
Chemical Resistance	Compatible with all downhole chemicals, such as H ₂ S, H ₂ SO ₃ , H ₂ SO ₄ , HCl, Cl ₂ , Salt, Water, Oil and Natural Gas.