

Matrix-3[®]

Coated Bearings

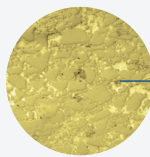


Dyna-Drill Technologies' Matrix-3[®] coated bearings combine innovative metallurgy and brazing technologies to deliver unsurpassed mud motor performance. With superior resistance to wear, corrosion and mechanical fatigue, Matrix-3[®] coated bearings raise the industry standard for reliability by providing sustained, optimum performance in the most demanding operations.

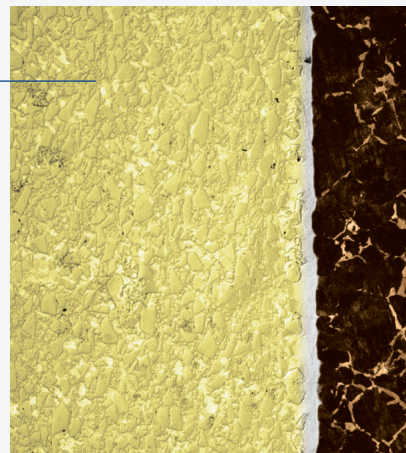
The Matrix-3[®] composition can be custom-formulated to provide performance characteristics to serve specific operating environments. Coating thickness range from .020" to .100" and can be applied to virtually any shape, in line-of-sight or out. The application spectrum and performance of Matrix-3[®] coated bearings far exceed the limited capabilities of quickly degraded thermal sprays, plating and weld overlays.

Matrix-3[®] is a proprietary coating process specifically designed for mud motor bearings. Utilizing the latest in materials, powder-metallurgy and brazing technologies, Matrix-3[®] coatings exhibit a unique combination of wear, corrosion and impact resistance unattainable with any other process.

Exclusive to Dyna-Drill, Matrix-3[®] coated bearings outperform and outlast conventional coating materials & ensure sustained drilling power. Contact your Dyna-Drill representative and give your PDM the performance advantages of our premium power sections.



Ultra-hard metal carbides metallurgically-bonded in a corrosion-resistant matrix provide the ultimate in corrosion & wear protection.



Matrix-3 coatings have a homogeneous microstructure resulting in consistent performance properties from top to bottom.

Matrix-3 coatings are metallurgically-bonded and will not disbond; even under the most extreme conditions.