

# TECHNOGENIA

Technogenia SAS - ZA des Marais – BP 51 – 74410 Saint Jorioz – France  
www.technogenia.com

## Mud motor radial bearing by Technogenia

*Patent pending*

Technogenia produces high quality bearings using the LaserCarb® process.

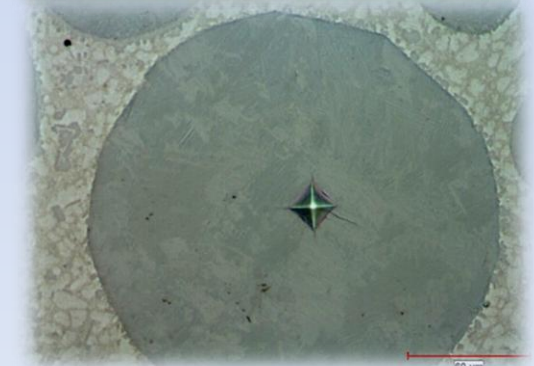
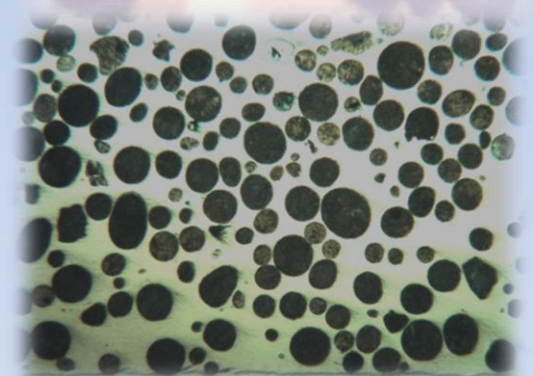
With this unique technology Technogenia is able to apply a high quality deposit on the outside diameter and inside diameter of a radial bearing.

The hardness and toughness of Spherotene® (cast tungsten carbide spheres produced by Technogenia) combined with the unique properties of the laser produces a perfectly uniform welded deposit.

The cast tungsten carbide exhibits hardness of  $3000 \text{ HV} \pm 500$  and packed together produces a high density deposit.

The laser technology allows control of the heat affected zone of the base material and insures the quality of the bond with the base material.

Precision, reproducibility and ability to apply between 0.020" and 0.125" thick deposit LaserCarb® is the solution to improve your motor radial bearings and your drilling efficiency.



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