

LOGAN

SUPERABRASIVES



MSC RADIAL BEARINGS

Logan SuperAbrasives manufactures specialty Microwave Sintered Carbide (MSC) tiled bearings used in oilfield drilling applications. These bearings perform extremely well in a variety of tools including turbines, mud and coiled tubing motors, as well as other downhole rotating tools. MSC Bearings have been designed to operate in the harshest conditions where other bearings have failed. They are rapidly becoming the bearing of choice in positive displacement motors with bent subs or housings, especially those in short bit-to-bend drilling motors.

Microwave Sintered Carbide Tiles

Our Carbide Tiles are the key to Bearing Performance. Because of our patented Microwave Sintering process, unique properties can be achieved such as higher hardness and full density. These properties provide much better wear and impact characteristics when compared to conventionally sintered carbide. Coupled with the high density spherical carbide matrix, a very tough and extremely wear resistant bearing surface is created. With this combination of features, Logan SuperAbrasives' MSC Bearing is the bearing of choice for severe and harsh conditions.

