

# Custom Roller Bearing Assemblies

CNC CUTTING TABLES

## PROBLEM

A leading manufacturer of CNC burn tables needed a more cost-effective replacement bearing solution for its line of plasma, router, engraver, waterjet and torch cutting tables. Each table utilizes four roller bearings that allow the computer-controlled, multi-axis cutting head to smoothly move throughout its programmed path over the material being cut.

The OEM had been using an expensive, over-engineered precision cam follower ball bearing.

## SOLUTION

After reviewing the application requirements with the OEM engineers, the Kilian™ team developed a custom, double-row ball bearing 1-in. O.D. cam follower with an integral standard stud.

The low-load, low-speed assembly offered by Kilian was more economical than the competitor bearings previously used by the customer.



## HIGHLIGHTS

- Custom, double-row ball bearing cam follower
- Integral standard stud

## Regal Rexnord

Contact us: 1-315-432-0700

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