

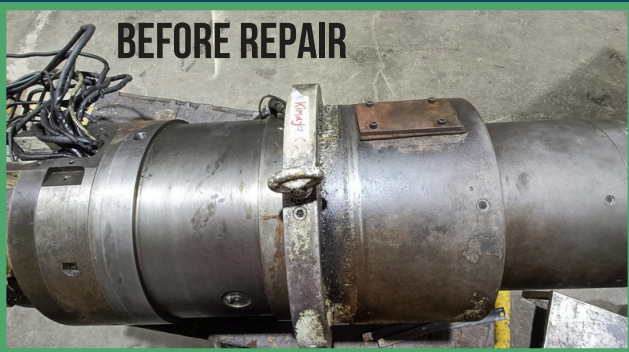
# GENERAL PRECISION SPINDLES

## SPINDLE SOLUTIONS NEWSLETTER

### AFTER REPAIR



### BEFORE REPAIR



### Featured Repair: Mazak Integrated Spindle – Fully Rebuilt & Recalibrated

One of our most recent projects involved a Mazak integrated spindle from a leading manufacturer.

Key highlights:

- ✓ Full teardown & component inspection
- ✓ Replacement with premium precision bearings
- ✓ Dynamic balancing to ISO G1.0 standard
- ✓ 12-hour test run with real-time vibration and temperature logging

Result: The spindle now runs cooler, quieter, and more accurately—extending tool life and improving part finish by 25%.

#### Why Choose Us?

- ✓ Industry-trained technicians
- ✓ OEM-level performance guarantees
- ✓ Nationwide service & logistics support
- ✓ Fast turnaround & emergency repair capability

AT GENERAL PRECISION SPINDLES, WE'RE PROUD TO BRING OVER 20 YEARS OF EXPERIENCE IN PRECISION SPINDLE REPAIR TO INDUSTRIES THAT DEMAND HIGH PERFORMANCE AND MINIMAL DOWNTIME. THIS MONTHLY NEWSLETTER WILL KEEP YOU UPDATED ON SPINDLE TECHNOLOGY TRENDS, MAINTENANCE TIPS, AND SERVICE UPDATES.


### Why Regular Spindle Maintenance Matters

Did you know that over 60% of unplanned CNC machine downtime is related to spindle issues? Routine maintenance and inspections can extend spindle life by 30–50%, reducing costly failures and improving production reliability.

### Early Signs Your Spindle Needs Help

Don't wait for a breakdown! Watch for:

- ◆ Excessive vibration or unusual noise
- ◆ Visible scoring or taper wear
- ◆ Spindle overheating
- ◆ Poor part finish or concentricity issues

 **Pro Tip:** Routine condition monitoring can cut repair costs by up to 40%.


### June Special: FREE Pickup & Diagnostic Report

For first-time clients, we're offering complimentary pickup and spindle inspection—including a detailed failure analysis and service quote.

 Offer valid through June 30, 2025

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