

May News & Updates

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Lathe Chucks Deep Dive

Precision starts with a perfect grip. In this month's spotlight, we're exploring the heart of your turning operations: the lathe chuck. Whether you're running high-volume production or precision prototyping, choosing the right chuck can dramatically impact efficiency, accuracy, and machine uptime.

Visit our Website

Applications and Machine Compatibility

Not all chucks fit all machines—or jobs. Manual chucks provide flexibility for smaller batch jobs, while power chucks offer the repeatability and speed required in automated production. BISON offers a large variety of both manual and power chucks to ensure all of your jobs are covered.

View Chucks

Maintenance and Performance Tips

Your chuck is only as good as its condition. Routine maintenance—including lubrication, jaw cleaning, and inspection—can drastically extend its service life. We'll show you quick checks and care tips to avoid wear, slippage, and downtime.



View Maintenance Video

Self-Centering 3-Jaw Chuck Benefits



Our featured product this month is the selfcentering 3-jaw chuck—a shop staple known for its fast setup and dependable hold. Ideal for cylindrical workpieces, it reduces setup time and ensures concentricity with every use. Find out why it's the go-to solution for turning shops worldwide



Why BISON Stands Above the Rest

Discover the precision and efficiency of BISON's Pneumatic Air Chucks in our latest video. These selfcontained chucks feature integrated pneumatic cylinders, offering rapid and reliable clamping ideal for high-volume machining. With large through-holes, secure jaw designs, and built-in safety mechanisms, they ensure consistent performance and enhanced operator safety. Built from hardened steel and finely ground for accuracy, BISON's pneumatic chucks are engineered for durability and precision. Watch the video to see how these chucks can elevate your machining operations.

BISON Pneumatic Chuck Breakdown

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