



California Tool & Cutter Grinding

Manufacturing the highest quality solid carbide rotary tools for 30 years.

Solid Carbide Cutting Tools: Customs to Print, Standard Sizes, Regrind Services, High Quality

-Industry Leading Turnaround Times -Coating Services -Rigorous Inspection
-Top Quality Carbide blanks, in house -Latest in Cutting Tool Technology

We manufacture some of the highest quality solid carbide rotary tools available on the market today. Our industry is constantly evolving, which has shaped our company culture into always striving to provide our customers with the latest and greatest in tool types and technologies. We maintain our reputation for quality and consistency by relying on our collective wealth of knowledge, proven company procedures, and practices. We are always excited to take on new challenges and look forward to determining which tool types and applications work best for your company's material, and equipment.



Precision Step Tools



SOLID CARBIDE

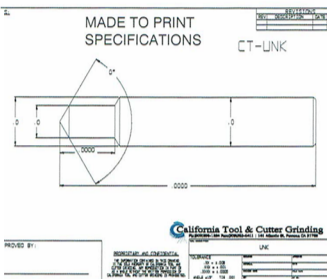
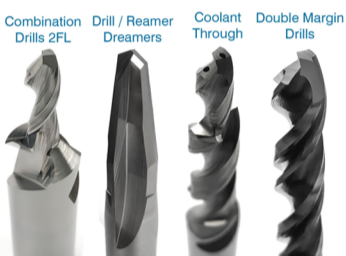


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SOLID CARBIDE DRILLS



Tool Gallery



Tool Types: Frequently ordered

- High Helix Endmills
- HSM Endmills
- Hammer Pin
- Radius Endmills
- Ball Nose Endmills
- Diamond Coated Endmills
- Variator Endmills
- Compression Routers
- Coolant Through Drills
- Reamers/Routers
- Roughing Endmills
- H-Drills
- Double Margin Drills
- Dagger Drills
- Ball Taper Endmills
- Ball Rougher
- Boring Endmills
- Broach Tools
- Drill Reamer/Dreamer
- Dovetail Cutters
- Eccentric Endmills
- Flat Bottom Tools
- Form Tools
- Front Taper Endmills
- Left Hand Helix Tools
- Long Boy Drills
- Micro Endmills
- Micro Drills
- P-Router
- Piloted C-Sink
- Parabolic Drill
- Piloted Reamer
- Punch Pin
- Slot Cutter
- Step Reamer
- Step Drill
- T-Slot
- Taper Endmills
- Trepan Cutters
- Turbo Rougher
- Various additional tool types

Tool Reconditioning:

California Tool offers regrind services on a variety of solid carbide cutting tools. When looking at cost savings, getting several uses out of any given cutting tool will drastically cut down tooling costs. We typically see regrind requests for high usage tools with medium to high quantities. Costs for regrinds varies depending on the Geometry of the tool, condition, and quantity available for reconditioning.

Tool Honing: Sending a Tool out for regrind but want it to perform better and last longer?

Our new honing machine creates a controlled radius and improved surface finish resulting in an increase in tool life, better workpiece finish, increased performance, and manufacturing cost savings. This has enabled us to more efficiently hone cutting tools, further eliminating long turnaround times for our customers time sensitive projects.



BEFORE REGRIND

AFTER REGRIND



Quality Control Procedures:

The most common questions asked when quoting cutting tools for a new customer are related to quality control procedures. With over 30+ years manufacturing solid carbide cutting tools we understand how important it is to maintain critical tool geometries that enable a cutting tool to perform and maintain it's expected tool life. To maintain our reputation for quality and consistency we continually invest in new quality control tools and machines. Our Zoller Genius 3 machine is the final stage of our tool inspection process for tools with complex geometries that need to be maintained.

1. Initial Inspection
2. Optical Comparator stage validating crucial tool geometries
3. Tool washing removing all manufacturing oils and debris
4. Manager overview & sign off
5. Zoller Inspection with detailed report for complex tool geometries

Cutting Composite material? Ask us about our composite diaomond coated cutters

