

# Products and Services

# OUR PRODUCTS AND SERVICES

## Manufacturing



Cowles products are manufactured at our facility in Canfield, Ohio. We offer standard to precision tolerances and finishes to meet your requirements and maximize the life and quality of our products. Cowles also offers a range of tool steel grades to suit every slitting application you will encounter.

## Custom Designed Shimless Slitter Tooling Packages



Whether you have purchased a new or used slitting line or need to replace or recondition your existing slitter tooling, Cowles will custom design a slitter tooling package to meet your specific needs.

## Recondition Existing Tooling



Consider modifying your existing slitter spacers into new sizes with like new tolerances and specifications. This reconditioning process usually offers significant savings compared to buying all new spacers.



## Rotary Knives

Custom designed and manufactured to meet a specific purpose, from slitting to side trimming.



## Carswin Advantage

Slitter tooling setup software that is a comprehensive setup program with no add-ons that ensures a first time trouble free set up, improving quality and efficiency.



## Spacers

Manufactured to the tightest precision tolerances in the industry – a crucial factor in achieving optimum slitting accuracy and quality.



## Lightweight Spacers

Decrease the weight of steel spacers while reducing operator fatigue and increasing operator productivity.



## Rubber Stripper Rings

Available in a variety of durometers, colors, and tolerances.



## THE COWLES DIFFERENCE

Since 1917 Cowles Tool has set the standard for high quality slitter tooling. From design to delivery, we apply rigorous quality controls so that you are assured of receiving products that meet or exceed your expectations for performance and reliability.

Our products have earned Cowles Tool a worldwide reputation for craftsmanship in the design and manufacture of precision cutting tools.

Our unsurpassed record of performance is the result of close attention to detail throughout the manufacturing process and over 95 years of knowledge and expertise.

Since 2004, Cowles Tool has been ISO certified, leading to constant improvement in quality and customer satisfaction.

# OUR PRODUCTS AND SERVICES



## Shear Blades

Available by model or custom made, offered in a variety of sizes, configurations and cutting edges to handle all shearing applications.



## Scrap Chopper Knives

Cost efficient, durable knives designed to meet all requirements.



## Overarm Tooling

Separator discs, phenolic, nylon, and steel separator spacers.



## Lath Tooling

Cutters, spacers and separators for expanded metal.



## Pipe and Tube Cut-Off Knives

Rotary, rectangular, and broach knives and blades used to cut pipe and tube to length.

## Also available

- Plastic and Steel Shims
- Mill Liners and Wear Parts
- Specialty Wear Parts
- Solid and Inlaid Carbide Products
- Storage Units including Knife Transfer Boxes and Spacer Cabinets
- On Site Training, Seminars and Technical Assistance

Visit [www.cowles-tool.com](http://www.cowles-tool.com) for a complete list of Cowles products and services



## SHARPENING AND REGRINDING SERVICES

OD Grinding – Rotary Slitter Knives  
Side Grinding – Edge Trimmer Knives  
Rubber Stripper Rings  
Shear Blades  
Scrap Chopper Knives

Carbide Inlay Knives  
Shims  
Size Tracking and Inventory Management  
Next Day Delivery (when required)

# How long your tools last is a decision... *Yours!*



## Belt Scrapers

Custom designed and manufactured to each customer's individual requirements, our carbide scrapers have a longer life than their steel counterparts, which results in lower replacement costs.



## Sheeter Knives

Constructed specifically for the exact needs of the material being cut, these knives are manufactured to extremely tight tolerances and parallelism.



## Shear Blades

Available by model or custom made, offered in a variety of sizes, configurations and cutting edges to handle all shearing applications.



## Radius Blades

Designed to allow the customer the performance of carbide, without incurring the cost of solid carbide tooling.

## The Cowles Difference: Capabilities

- Milling
- Precision Grinding
- Reconditioning
- Manual and CNC Milling Capabilities
- CNC Turning Capabilities
- Lapping and Polishing Capabilities to  $\pm 0.00004$ " thickness tolerance
- ID Grinding
- Surface Grinding 120"
- Step Grinding to  $\pm 0.000025$ "
- Brazing Capabilities up to 200"

Our products are manufactured and serviced at our facility in Canfield, Ohio, which allows us to offer fast deliveries and easily meet the needs of our customers.

Please contact us for more detailed information relating to your specific needs



## You have our number.

We offer a wide range of services to customers who've grown to depend upon us over the years. The Cowles Tool rock solid guarantee assures our customers quality products time after time.

So when you're ready for new tooling or to have your existing tooling serviced for optimum efficiency and productivity, you've got our number... and we'll put our years of experience to work for you!

**This is the Cowles difference.**



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# Everything you've ever wanted for your machine tools... Longer life. Quality performance. Improved productivity.



## Workrest Blades

Manufactured to your specific needs, while meeting the precise tolerances and carbide standards required by our centerless grinding customers.



## Guide Rails

Available in a variety of sizes and specifications, enabling us to meet the specific application demands of our customers.



## Step Workrest Blades

Carbide tipped infeed and thrufeed workrest blades can be custom produced to meet your specialized tooling requirements.



## Retip and Regrind Services

We offer an outstanding retip and regrind service, which allows us to offer our customers a reconditioned blade at considerably less cost than purchasing a new blade. Whether you need new carbide for your blades or need any of your carbide tooling/wear parts serviced, Cowles Tool can handle these demands, while offering the highest quality service and shortest turnaround times in the industry.



## Wear Liners

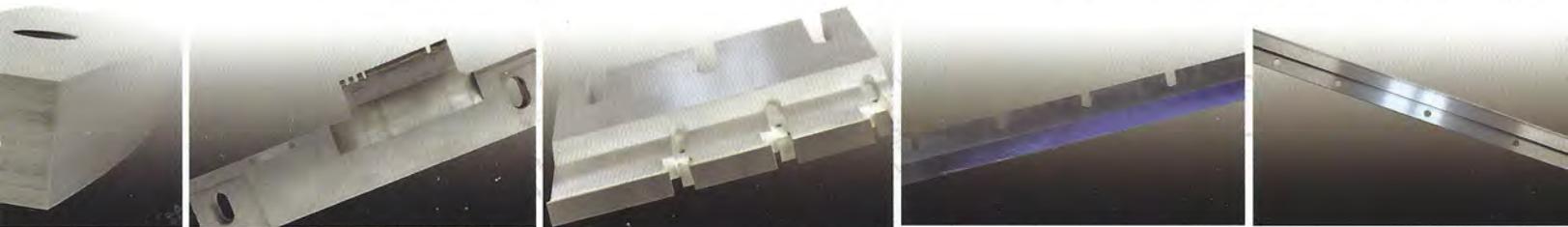
These carbide inlaid liners not only increase the durability of your liners, but also boost productivity due to less maintenance and decreased machine downtime.



## Carbide Inlay Shear Blades

Produced with an inlay of high quality carbide, these shear blades can be fabricated up to 208 inches in length. This allows our customers to realize the full benefit of carbide, but at a fraction of the cost of solid carbide blades.

Visit [www.cowles-tool.com](http://www.cowles-tool.com) for a complete list of Cowles products & services



Once a Cowles Tool customer, always a Cowles Tool customer.

The distinguishing characteristic of our company over the last half-century has been our consistent production of precision wear-part tooling for manufacturers who must maximize the life and productivity of their perishable tools. Our customers, throughout the

United States and world, have come to rely upon us to help them assure the continued quality of their operations, service and finished product. We do things right, the first time around!

**This is the Cowles difference.**



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# Contact Us

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