



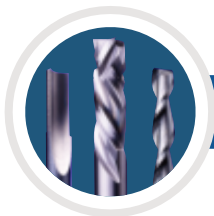
## High Performance Metalworking

We manufacture and stock solid carbide endmills in standard 2, 3, and 4 flute. We offer ball nose tools, roughers, and our EkstroMill high performance variable helix designs with various coatings. Also available are coolant through endmills and drills to meet specific customer requirements. We will stock tools to meet specific customer requirements.



## Motors

We offer several different types of [motors for various applications](#). Typically, these are used in the woodworking, plastics, and metal working industries. They can, however, be used in various applications across several industries.



## Premium Router Bits

We manufacture [premium solid carbide and high speed steel router bits](#) for woodworking, plastics, and aluminum manufacturing. Made and engineered in the USA at our Illinois facility, we stock a broad range of router bits including standard 1, 2, and 3 flute upcut and downcut styles, 0 flute tools for plastics and aluminum, straight flute tools, and roughers. We manufacture to customer requirements and stock in quantity to meet customer demand.



## Custom Step Drills

Fast lead-times and competitive pricing for solid carbide and high speed steel [custom step drills](#), coolant through drills, form tools, reamers, and endmill forms to meet customer requirements. Tool design is based on over 35 years of individual experience in the management, engineering, and tool grinding areas. Inspection is conducted to our stringent ISO 9001 quality standard with the latest automated equipment utilized for consistency and elimination of operator inspection error.



## Cooling Spray System

We make and sell [Mistic Mist Cooling Spray Systems](#) for cooling cutting tools. Our nozzle and valve design is said by customers to be the best in the industry. 1/2 Gallon to 50 Gallon sizes available. We also offer 4 types of coolants.



## Spindles

We offer [all types of spindles](#) (pulley, block, cartridge, grinding, milling, drilling, routing, etc...) in various configurations and sizes. We have standard sizes and can make custom spindles to meet your specific requirements.



Read more about **all our products** on our **brand new website** - [ekstromcarlson.com](http://ekstromcarlson.com)





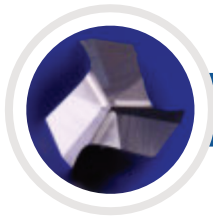
## Spindle Repair

Utilizing our past experience as an original equipment spindle and spindle motor manufacturer, we provide [spindle repair and upgrade services](#) that are competitive and timely. Inspections are always free, and lead time is typically 1-2 weeks or less. To improve on our already high level of service, we have built a clean room dedicated to organization, functionality, and cleanliness while servicing your tools.



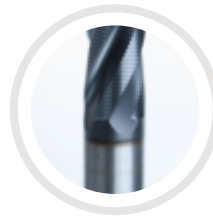
## Live Tool Repair

[Live Tool and Aggregate Head repair](#) represents our core repair service capability. We repair all makes and models. Inspections and repair quotes are always free, and lead time is typically 1-2 weeks or less. Most live tools exceeding 0.001" runout are due, or almost due, for a repair. 0.0008" or less is the target runout for a live tool.



## Tool Sharpening

As a [design manufacturer of new cutting tools](#), we offer regrind and sharpening services for all types of cutting tools including endmills, drills, taps, thread mills, reamers, milling cutters, slot cutters, counter sinks, router bits, and other cutting tools. [All makes. All brands. All types.](#)



## Tool Coating

Increased productivity and efficiency of cutting tools can be obtained with [various types of coating](#) processes. If we do not stock the item on our shelf coated the way you want it, we can provide it in relatively short order. Coatings primarily [increase wear resistance](#), but they may also reduce cutting forces and temperatures at the tool edge and thereby indirectly affect the deformation and fracture behavior of the tool.



## Dynamic Balancing

The process of [Balancing](#) is the removal or addition of weight to the unit such that this effective mass center line approaches the true axis. In addition to [dynamically balancing rotors, pulleys, shafts, and tooling for the spindle motors](#) we manufacture and repair, we offer dynamic balancing services for all types of rotating equipment to 250 pounds.



## Match My Tool

Submit your tool brand & model # so we can cross to our equivalent standard tool or quote a [re-engineered product](#) at a [lower price](#). Pricing will depend on volume per order and per year. The competing sample tool will likely be required from you in order to make the final tool, but pricing probably can be provided without the sample tool.



Read more about **all our services** on our [brand new website - ekstromcarlson.com](#)

