

The logo features a white square on the left containing a stylized red 'M'. To the right of the square, the word 'MONAGHAN' is written in a large, bold, white, italicized sans-serif font. Below 'MONAGHAN', the words 'TOOLING GROUP' are written in a smaller, bold, white, italicized sans-serif font.

MONAGHAN

TOOLING GROUP

Monaghan Tooling Group is a skilled applications, sales, and support team working together with the mission of providing the best customer service in the industry. We firmly believe that the combination of our products and our people make us...

Your hole finishing experts.

30 N. CLINTON STREET
DAYTON, OH 45402

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800-732-4565
937-253-7706

PRECISION METAL FINISHING

As master marketing agent, we're proud to exclusively represent Elliott Tool Technologies' precision metal finishing tools.



ID Roller Burnishing

A proven method for accurately sizing and micro-finishing of bores.

Multi-roller burnishing tools for accurate sizing, low micro-finishing, and surface hardening of ID holes. Proven technology with decades of refinement. Common sizes available in stock, including all wear parts.



Carbide Roll Burnishing

Replace secondary operations while obtaining superior surface finish.

Produce 4 to 8 microinch finishes in one pass with economical carbide roll burnishing tools. Optimize your costs with reconditionable carbide roll tools that are easy to implement on any lathe. Available in square shank, boring bar, and custom designs.



Diamond Burnishing

An inexpensive and user-friendly tool for producing a mirror-like surface finish.

Diamond burnishing tools with replaceable diamond stems for a low-cost method to produce an ultra-smooth surface finish on linear surfaces. Available in inch and metric slim-line, square, offset, on-center, and boring bar styles.



Custom Burnishing Tools

A wide range of unique burnishing tools designed to your application.

From modified standard tools to complete specials - including sizing & finishing tools, OD multi-roll tools and ID & OD angle tools - we have the American engineering expertise to make the right tool for the job.



Mechanical Joining

The superior method for joining tubing to flanges and fittings.

Easily create secure, leak-proof joints between ductile tubular products and fittings with the Elliott Mechanical Joining Tool. Up to 12" diameters!



Internal Recessing Unit

The most efficient method of machining internal grooves in one operation.

Elliott Internal Recessing Unit for fast, efficient, and consistent machining of internal grooves concentric to bores. Minimize your cycle time while eliminating deflection and guaranteeing repeatability.



Back Chamfering Unit

Eliminate secondary setups and machine precise back chamfers.

Measure cycle time in seconds, not minutes, with the Elliott Back Chamfering Unit. Precision back chamfering and deburring of holes from the front face with replaceable cutting blades and simple rapid-feed-retract programming.



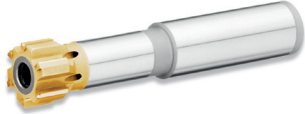
Ellip-Deburr Tool

Simplify burr removal on elliptical and curved surfaces.

Self-centering Elliott elliptical deburring tools for an even chamfer of curved hole edges. Replaceable TiN coated HSS-Co swivel-pivot blades easily follow any rounded hole, providing a simple solution to a common, costly problem.

HIGH PERFORMANCE CUTTING

Custom and standard high performance cutting tools for machining precision holes.



Precision Reaming

Multi-blade reamers for superior quality bores and process stability.

The proven geometries of DIATOOL reamers produce precision bores at much higher feed rates than single-point tools - reducing cycle time and total cost of ownership. A German-crafted plug & play solution in consistently short lead times.



PCD Round Tools

Premium polycrystalline diamond tools for boring, reaming, drilling, and milling.

UC Tools specializes in providing German-engineered PCD solutions for the machining of complex aluminum components - consistently delivering a high quality product, with short lead times for both new and re-conditioned tools.



Solid Carbide Tools

Custom step tools, form tools, endmills, reamers, and standard drills.

Solid carbide products from MK Tools - combining German precision and high quality craftsmanship with advanced design, coatings and manufacturing technology. MK delivers results in the most difficult applications.



easyZERO Nut

easyZERO compensation nut for quickly correcting runout errors and misalignment.

Adjustable compensation nut from Reamtec. Compatible with all ER collet chucks - sizes ER16 to ER40. Minimize runout for any round tool, even at the spindle. Priced to belong in every machinist's toolbox.



HSS-E & SC Reaming

Standard HSS-E and SC reaming tools from Ø0.6mm in 0.01mm increments.

50 years of focused experience sets RE-AL apart in the world of precision HSS-E reaming. With their deep flutes and proprietary coating, ACUREA, they are able to exceed the cutting performance of solid carbide jobber reamers.



Floating Holders

Process capable floating holder options in a variety of sizes.

RE-AL floating holders with parallel axis for accurate position and self-centering. DIATOOL floating holders with factory-set, true 360 float made possible by cylindrical roller design.



Micro-Machining

Innovative standard and custom micro-tooling as small as Ø 0.07mm.

Ultra-precision AXIS drills, endmills, engravers, routers, tapered tools, and reamers - stock and custom special tools for micro-machining applications.



Why Monaghan Tooling Group?

Superior Customer Service

Monaghan is a skilled applications, sales, and support team working together with the mission of providing the best customer service in the industry. We firmly believe that the combination of our products and our people make us “your hole finishing experts.”

Specialized Production Partners

It's no accident that many of our production partners specialize in manufacturing one type of tooling - we've been fortunate enough to develop relationships with companies that are truly skilled at what they do!

Application Related Consulting

We thrive on partnering with our customers to tackle their toughest machining challenges. Whether you're just getting started - tooling up a machine package, or improving a process that has run for years - our team of applications experts is committed to helping you succeed.



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Applications

Automotive



Conrods - Precision Reaming
Carriers - SC Drilling & Reaming
Crank Shafts - Elliptical Deburring
Flywheels - Carbide Roll Burnishing
Steering Knuckles - SC Drilling & Reaming
Aluminum Components - PCD Tooling
Yokes - Precision Reaming

Aerospace




Landing Gear - SC Drilling & Reaming
Bracketing - HSS-E Reaming
Hydraulic Lines - Mechanical Joining
Bearing Race - Burnishing
Vibration Control - ID Sizing & Finishing
Exotic Materials - SC Drilling & Burnishing

Fluid Power




Pumps - Precision Reaming
Valves - Solid Carbide Tooling
Spool Bores - Internal Recessing
Caps - Precision Reaming
Fittings - Angle Burnishing
Fluid Couplings - Mechanical Joining

Oil & Gas



Packers - Carbide & Diamond Burnishing
Valves - ID/OD Burnishing
Fracking Pumps - ID Multi-roll Burnishing
Drill Rods - OD Multi-roll burnishing
Blowout Preventor - ID Multi-roll Burnishing
Mandrels - Carbide Roll Burnishing

Heavy Industry



Hydrostatic Shafts - Diamond Burnishing
Lube Lines - Mechanical Joining
Lift Masts - Precision Reaming
Strut Bodies - ID Burnishing
Axles - Carbide Roll Burnishing
Brakes - Drilling & Reaming

Your hole finishing experts.