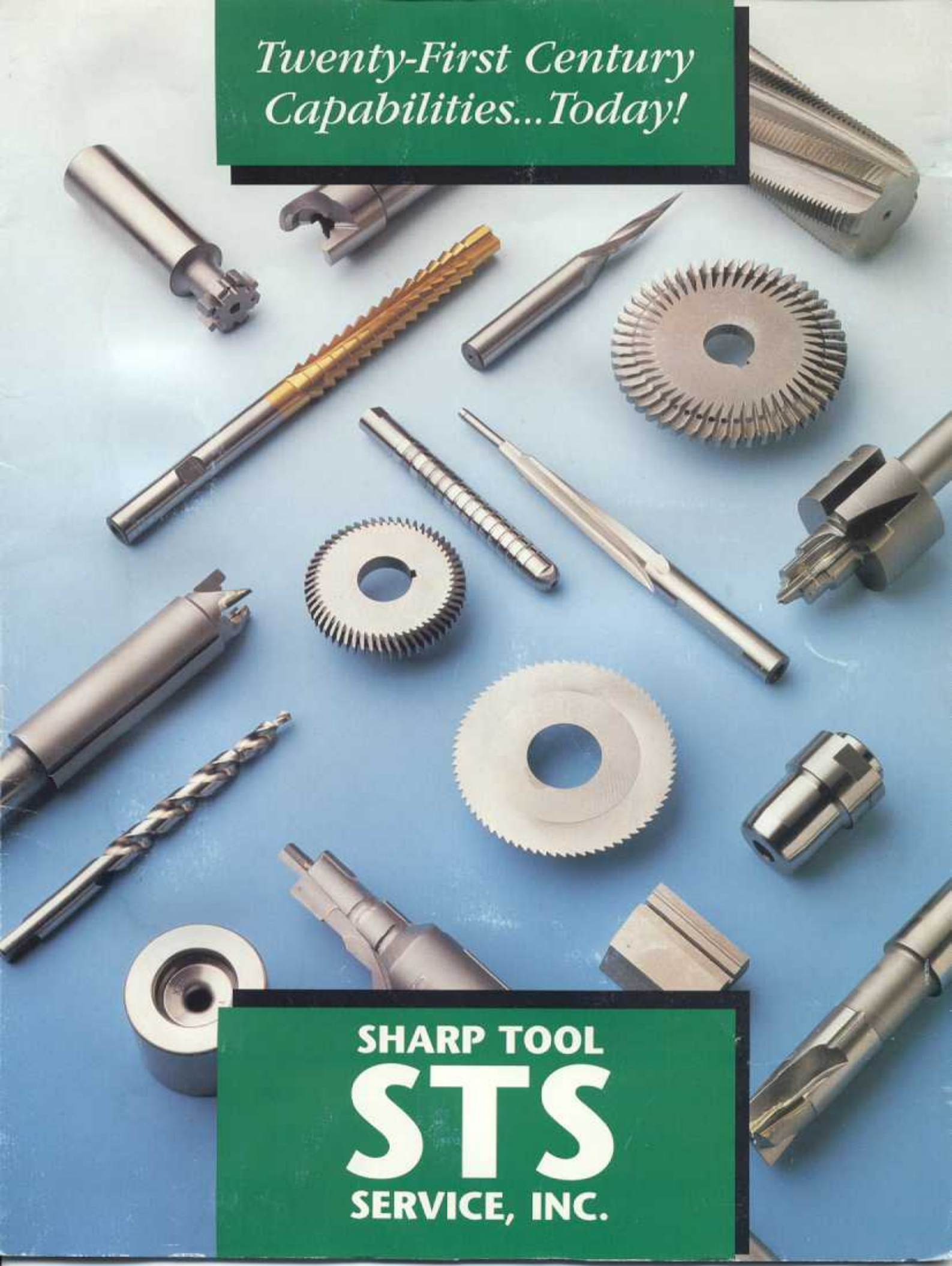
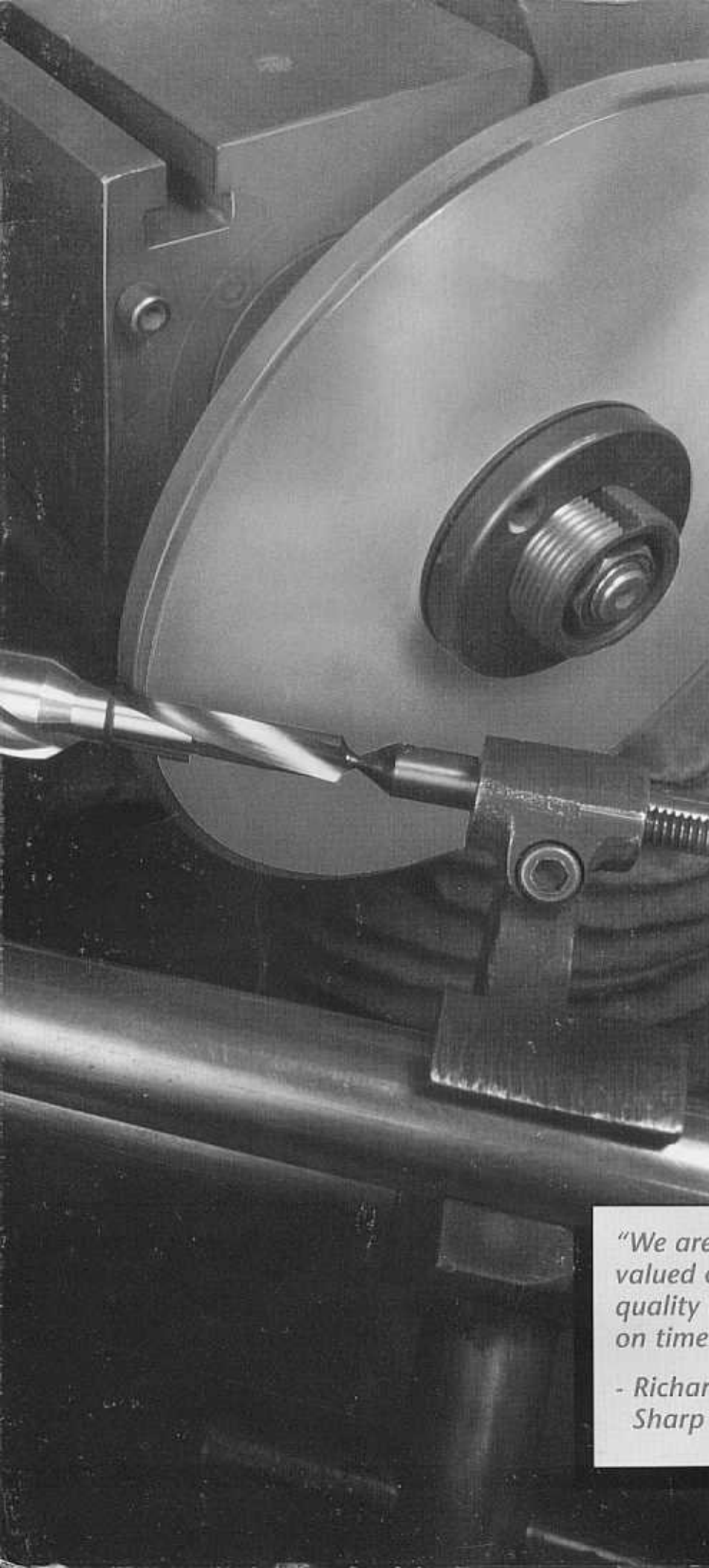


*Twenty-First Century  
Capabilities...Today!*



SHARP TOOL  
**STS**  
SERVICE, INC.



**SPECIALISTS IN THE  
MANUFACTURE AND REPAIR  
OF CUTTING TOOLS AND  
HOLDING DEVICES**

Sharp Tool Service, Inc. was founded more than a decade ago by Richard Schirripa, who began operations with four skilled tool makers in a 3,000-square-foot shop. Today, Sharp Tool employs nearly fifty people in a modern 18,000-square-foot facility that is fully equipped with the latest CNC equipment.

Through total dedication to the needs of our customers and backed by Mr. Schirripa's nearly 40 years of industry experience, Sharp Tool has built a solid reputation for quality workmanship, attention to detail, and unmatched customer service.

**21st CENTURY  
CAPABILITIES — TODAY**

Sharp Tool Service offers a wide range of manufacturing and repair capabilities to meet our customers' needs — not only today, but well into the future. State-of-the-art machining and grinding equipment enables us to produce tooling, indexable tool holders and cutter bodies that are completely CNC manufactured.

*"We are committed to providing our valued customers with the highest quality tooling in the industry, delivered on time and at a competitive price."*

*- Richard Schirripa, C.E.O.,  
Sharp Tool Service*

## DESIGNED FOR HIGH PERFORMANCE

In addition to tool manufacture and repair, Sharp Tool offers professional tool design service. Using your part blueprints, our experienced machine tool technicians will custom design a cutting tool that precisely meets your requirements for optimum performance.

## DELIVERED ON TIME... AS PROMISED

Sharp Tool recognizes that "downtime is money." We know how important it is to keep your production line up and running. That is why we go the distance to ensure that your order is processed expertly and efficiently, then delivered as soon as possible. You can depend on Sharp Tool Service to get you the tools you need...when you need them.



*SBL Southbend  
Chipmaster VIII  
vertical mill.*

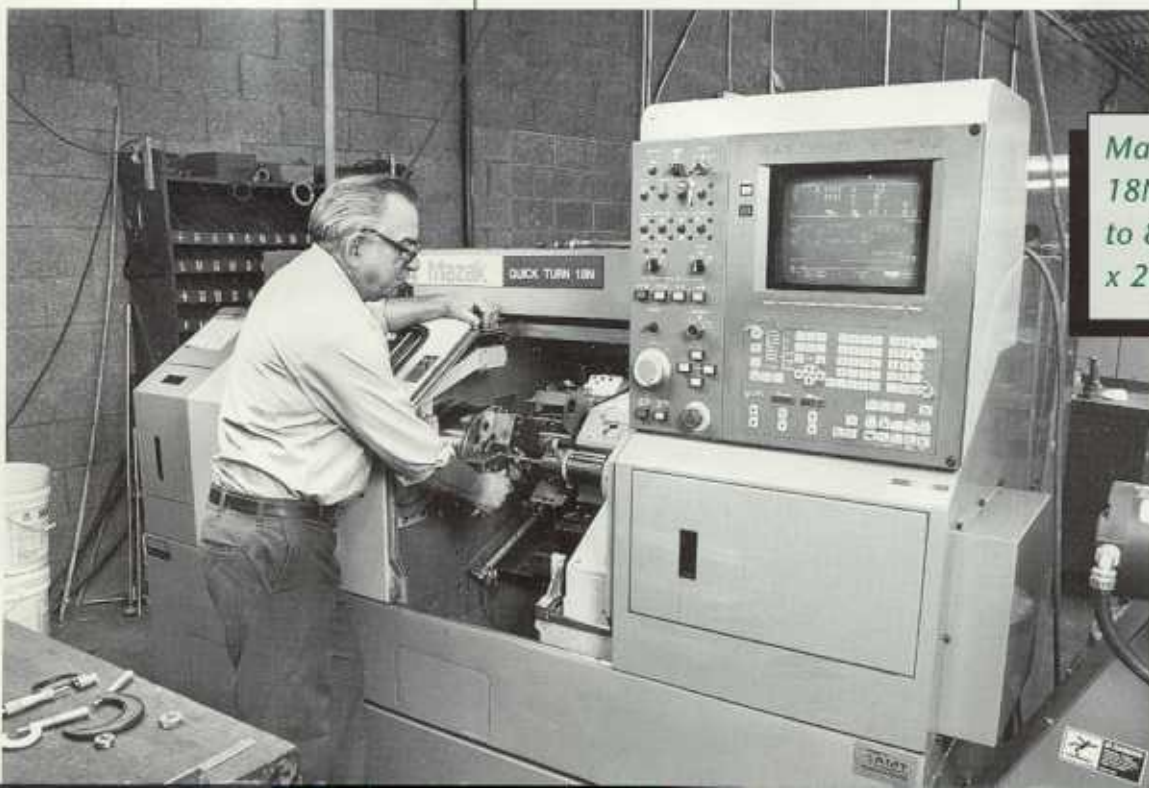
## THE SHARP DIFFERENCE

Some of the industry's best-known companies rely on Sharp Tool for high quality, high performance tooling. You can too. Contact us for a quote on your specific tooling needs.

We'll be happy to show you the Sharp difference.

## REBUILDING SERVICES

- Regrind and Chrome-plate Holders/Shafts/Spindles
- Weld and Repocket Lathe Holders, and Milling Bodies
- Weld and Regrind Centers
- Cobalt Weld and Regrind Undersize High Speed Steel Tooling to Blueprint Specs
- Retip Carbide Tooling; Weld and Reseat Damaged Bodies

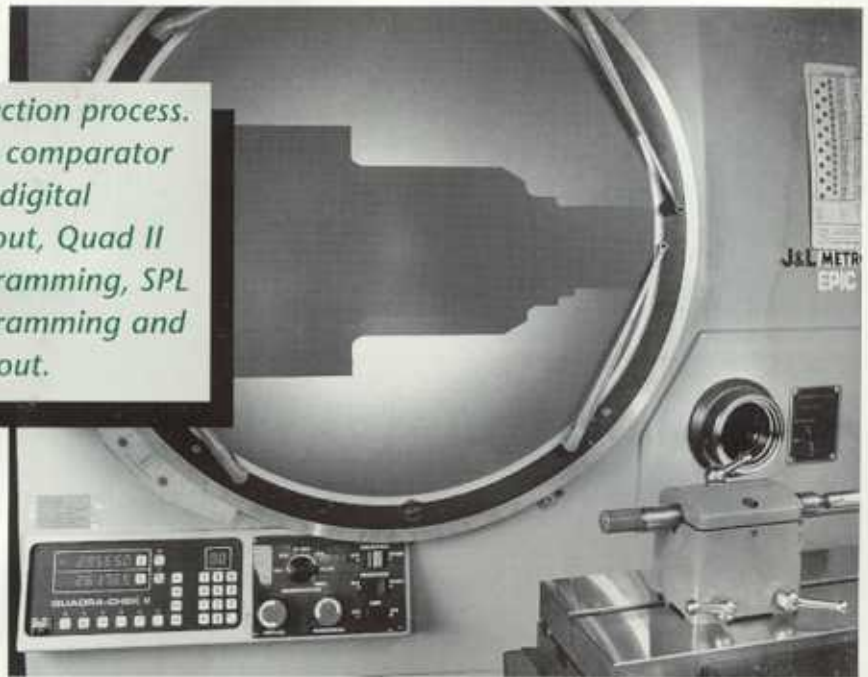


*Mazak quick turn  
18N lathe turning  
to 8 1/2" diameter  
x 20" O.A.*

## COMPLETE MANUFACTURING CAPABILITIES:

- New Tools to Blueprint Specs
- Form Tools and Cutters to Blueprint Specs
- Special Cutting Tools and Work Holding Devices
- Indexable Type Tooling
- Special Thread Forms, Cutters and Taps (High Speed Steel and Carbide)
- Special Reamers, High Speed Steel Tools, Carbide and Carbide-Tipped Tools
- All Types of Seating Tools  
I.D./O.D. Form Ground Relief

*Inspection process.  
J & L comparator  
with digital  
readout, Quad II  
programming, SPL  
programming and  
printout.*



## QUALITY RECONDITIONING SERVICE:

Sharp Tool offers expert sharpening, altering and repair of carbide tipped cutting tools and high speed steel tools.

## EXPERT GRINDING SERVICES:

- Profile Grinding
- Wickman Form Grinding
- Thread Grinding
- ID/OD Grinding

## CNC CAPABILITIES:

- Milling
- Turning
- Grinding

*Schütte CNC 4  
axis grinder  
with creep  
grinding ability.*





Sharp Tool's wide-ranging capabilities can be seen in a variety of cutting tools pictured on the front cover of this brochure. They include milling cutters, end mills, form cutters, c'bores, punch tips, dies, trepan tools, key seat cutters and dovetail form tools.

The photo at left shows additional samples of Sharp Tool's capabilities. From left to right: form step reamer, T-slot cutter and spiral fluted tap.

Sharp Tool Service also manufactures and repairs all types of drills (carbide, carbide tipped and h.s.s.)



## SHARP TOOL SERVICE FACILITIES AND EQUIPMENT

Sharp Tool Service is committed to serving our customers with the highest quality workmanship and fastest delivery possible. We are prepared to adapt quickly to the ever-changing manufacturing environment — continually enhancing and upgrading our facility with the latest industry innovations and equipment.

Our completely equipped manufacturing facility currently features:

### MACHINING EQUIPMENT

- South Bend 16" Engine Lathe w/Threading & Taper Attachments
- Cincinnati Universal Hydraulic Mills w/Spiral Gear Boxes (2)
- Cincinnati #2 Plain Universal Mill
- Bridgeport Vertical Mills w/Chrome Ways & Digital Readouts (2)
- Belt & Disc. Sander - Assorted Tooling, Quick Change Tooling
- Adapters Chucks, Arbors #50 Taper-Rotary Tables, Dividing Threads, Vises, Swivel Vises & Compound Vises
- Sunnen MBB 1660 Hone & Assorted Tooling
- Miller Heliarc Welder
- 30 Ton Arbor Press w/Broaches
- 30 Ton Hydraulic Press
- Bridgeport Vertical Mills w/Digital Controls (2)
- Sharp 3 H.P. Vertical Mills w/Chrome Ways (2)
- Mazak CNC Quick Turn 10N (2)
- Lagun Republic 4 Axis CNC Horizontal Mills (3)
- Handyman 3 Axis CNC Horizontal Mill
- Mazak CNC Quick Turn 15N
- Mazak CNC Quick Turn 18N

### GRIND EQUIPMENT

- Heald #72A Internal Grinders (2)
- Norton 18" x 48" O.D. Grinder
- Cincinnati Universal Grinder
- Oliver 300 H.D. Cutter Grinders (5)
- Oliver Radius Grinder
- Cincinnati #2 Cutter Grinders (6)
- Brown & Sharp #10 Grinder (5)
- Norton 18" x 24" O.D. Grinder
- Wickman Profile Grinder w/Digital Readout (2)
- Reid Model 618 Surface Grinder 9 x 24 Chuck
- Abrasive Hydraulic Surface Grinder 8 x 24 Chuck
- Heald 25A Rotary Grinder 16" Chuck
- Brown & Sharp #13 Universal Tool & Cutter Grinders (12)
- Excell-O Center Tap
- Hammond Dust Collectors (4)
- Cut Off Machine for Carbide & Steel
- Hybco Form Relief Grinders (4)
- Cincinnati Monoset Tool & Cutter Grinders (2)
- K.O. Lee Radius Grinder
- Ward Controlled Spiral Flute Grinder
- Doall Surface Grinder 6" x 12" Chuck
- Thompsen Surface Grinder Hydraulic 12" x 42"
- Harig Surface Grinders (2)

- Schütte W-U 63 CNC 4 Axis Grinders (3)
- Chevallier 6 x 18 Hydraulic Surface Grinder
- Hybco Drill Grinder

### INSPECTION EQUIPMENT

- J & L PC 14 Comparators w/All Optics (12) 10 x 20 x 31 1/4 x 50 x 62 1/2
- Complete Sets Jo Blocks (8)
- Surfindicator
- Height Gauges (2)
- Scherr Tumico 30" Comparators (3)
- Electronic Measuring Gauge Concentricity
- Wilson Rockwell Testers (2)
- Granite Surface Plates 24 x 36 (4)
- Granite Surface Plates 18 x 24 (12)
- Master Inspection Table & Stand 36 x 60
- Complete Micrometers 0-1 to 18 Digital Micrometers 0-1, 2-3, 3-4 (2 Complete Sets) 0-12 (3 Sets)
- Dial Micrometers 0-1, 1-2, 2-3 (10 Sets)
- Indicator Bases w/.0001 Indication (3)
- Centering Bench Setups: 3-18", 2-30" (2)
- Master V-Blocks (6 Sets)
- J & L 30" Comparators (4)
- 14" Scherr Tumico Comparator
- 20" Bosch & Laumb Comparators (2)
- United 14" Comparators (2)

### FIXTURING

- Radius Fixtures (2)
- Set Up Quick Change Tooling
- Index Heads (4)
- Dividing Heads (4)
- Rotary Tables (2)
- Vises (4)
- Swivel Vises (3)
- Compound Vises (2)
- Whirli-jig
- Set Laminated Blocks
- Magna Sine
- Laminated V Blocks, Assorted Chucks, Collets, Holders, Arbors
- Various Other Special Tooling
- Du More High Speed Tool Port Grinders (4)
- J & L Last Word Dressers (2)

# Sharp Tool Service, Inc.

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