



**Exclusive Scan & Go System for Quick & Easy Ordering**



**Tool Management and Point of Use Dispensing**



**24/7 Online Ordering and Account Access**



**Exclusive Fast Track Inventory Management System**

# **Advanced** **Ordering &** **Inventory** **Management** **Solutions.**



Productivity Inc

**Tooling**  
**& Accessories**



# Tooling & Accessories Product Lines

MN 763.476.4196 • IA 319.632.4288 • NE 402.330.2323 • [www.productivity.com](http://www.productivity.com)

## ABRASIVES

### BONDED

Camel	Pacific	Winter
Carborundum	Radiac	

### COATED

Abrasives Express	Di-Coat	Superior
Arc	Merit	

## AIR FILTRATION

Absolent	LNS	Royal
Air Quality Eng.	Reven	Tri-Dim
Donaldson Torit		

## BARFEEDS

### Spindle Liners & Chamfering Machines

Edge	Iemca	LNS
FMB	J.F. Berns	Spego
Grindley	Lexair	Trusty Cook

## COOLANTS, LUBRICANTS & MAINTENANCE PRODUCTS

### Cutting, Spindle, Hydraulic & Water Soluble Oils, Coolant Pumps, Filtration, Mixers, Refractometers

Chipblaster	Ebbco	Oemeta
Commonwealth	Hangsterfer's	Prospector Lub.
Cool Blaster	Iono Plus	RedLine
Cool-Jet	Keller	Swiss Silver
Cutting Edge	LNS/Fox	Wayne Products
Dosmatic	Motorex	Zebra Skimmers

## EDM TOOLING & SUPPLIES

### Filters, Wire, Tooling & Regeneration Bags

ABA Water	Hirschmann	North American
Erowa	Hitachi Wire	System 3R
Hermann Schmidt		

## INDEXABLE MILLING CUTTERS

Big Kaiser	Millstar	Mitsubishi
Ingersoll	Mil-Tec	Stellram
Kennametal	Minicut Intl.	Tungaloy

## INSERT DRILLS

Allied	Komet	Stellram
Gurhing	Madison	Tungaloy
Ingersoll	Mitsubishi	YG-1
Kennametal		

## INSERTS

Allied	Kaiser Tool Co.	Mitsubishi
Big Kaiser	Kennametal	NTK
Carmex	Komet	Stellram
Citco	Madison	Tool-Flo
CVD Diamond	Millstar	Tungaloy
Everede	Mil-Tec	Whiz Cut
Ingersoll	Minicut Intl.	

## LIVE TOOLS - DRIVEN TOOLS

### Axial & Radial Driven Tools, Angle Heads, Coolant Inducers & Multi-Spindle Drill Heads

Alberti Gerardi	Exsys-Eppinger	Parlec
Command/EWS	Heimatec	PCM
Edward Andrews	Koma Precision	Romai
Eltool	MD Tool	WTO

## MANUAL EQUIPMENT

### Lathes, Mills, Grinders, Drill Presses & Saws

Acer	Kalamazoo	Rush Machinery
Clausing	Republic Lagun	Wilton
Metosa		

## ROTARY TABLES

Haas	Nikken	Tsudakoma
Jauch & Schmider	Tecnara	Yuasa
Kitagawa		

## CUTTING TOOLS - CARBIDE & HSS

### DRILLS

Amamco	George Whalley	Keo Cutters	Michigan Drill	RedLine Tools	Tulon
Bay State	Guhring	Komet	Mikron	Republic Drill	Tungaloy
Chicago Latrobe	Imco	Kyocera Tycom	Mitsubishi	Sterling Gun Drills	Widin
CJT	Kemmer Precision	M.A. Ford	Nachi	Titex	YG-1
Crystallume	Kennametal	Melin	Niagara		

### TAPS

Allen Benjamin	Greenfield	Nachi	North Attleboro	RedLine Tools	YG-1
Besly	Guhring	North American	Prototyp	Regal	YMW
Emuge	Kennametal				

### ENDMILLS

Amamco	Cutting Edge Tech	Harvey Tool	M.A. Ford	Minicut Intl.	RedLine Tools
Arch Micro Tool	CVD Diamond	Imco	Magafor	Mitsubishi	Robb-Jack
Award Cutter	Dura-Mill	Kennametal	Melin	Nachi	Widin
Bay State	Fastcut	Kyocera Tycom	Microcut	New Tech	YG-1
Crystallume	Guhring	Leading Edge	Millstar	NS Tool	

### THREADMILLS

Advent	Guhring	Kennametal	RedLine Tools	Scientific Cut Tools	Threadmills USA
Carmex	Jel/Komet	Prototyp	STS	Stellram	

### REAMERS & FINISHING

Bay State	Elliott	Imco	Magafor	Metcut	Yankee
CJT Koolcarb	E-Z Burr	M.A. Ford	Metal Removal	RedLine Tools	YG-1
Dihart/Komet	Hassay Savage				

### SPECIALTY CUTTING TOOLS

#### Keyseat Cutters, Corner Rounders, Chamfer Tools, Engravers, Dovetail & Radius Cutters, Edge Breakers, Slitting Saws, Tapered Mills, Port Cutters, Burs and HSS Milling Cutters

Amamco	Everede	Hougen	Keo	Metcut	RedLine Tools
Arch Micro Tool	Gaylee	Internal Tool	Lexington	Microcut	Robb-Jack
Award Cutter	Gloor	Johnson Carbide	Magafor	Moon	Severance
Bay State	Harvey Tool				

## SAW BLADES

Angelina American	Hawk	Morse
Arntz		

## SWISS TOOLING

Etco	Kennametal	PCM
Genevieve Swiss	Kyocera Tycom	RedLine Tools
H.B. Rouse	Landis	REGO-FIX
Horn	Max-Bar	Southwick & Meister
Ingersoll	Mitsubishi	Stellram
Internal Tool	NSK	Tungaloy
Kaiser Tool Co.	NTK	Utilis
Kemmer Precision	Parlec	Whiz-Cut

## TOOLHOLDERS & BORING SYSTEMS FOR MACHINING CENTERS

### Collet Chucks, Endmills, Facemills, Heat Shrink, Jacobs Taper, Morse Taper Slitting Saw, Stub Arbor, Tap, Retention Knobs, Collets & Coolant Seals

Albrecht	Kennametal	Rigibore
Big Kaiser	Komet	Schaublin
Bilz	Llamblich	Schunk
Centaur	Lyndex	Steiner
Command	Nikken	T.J. Davies
Everede	Parlec	Tapmatic
Golden Seal	Precision Comp.	Technics
Haimer	RedLine Tools	Tecnara
Ingersoll	REGO-FIX	Urma-Bore
Jacobs	Ret. Knob Supply	Wohlhaupter

## TOOLHOLDERS & BORING SYSTEMS FOR TURNING CENTERS

### Boring, Turning, Threading, Grooving, Cutoff & Bushings

Aloris	Harvey Tool	NTM
Carmex	Ingersoll	Newcommer
Dorian	Internal Tool	RedLine Tools
Everede	Kaiser Tool Co.	Stellram
Form Roll	Kennametal	Tapmatic
Global CNC	Landis	
H.B. Rouse	Mitsubishi	

## TOOL MANAGEMENT

### Presettters, Tool Storage, Software, & Vending Machines

Big Bear	Lista	Stor-Loc
Cribware	Parlec	Supply Bay
Huot	REGO-FIX	

## WORKHOLDING PRODUCTS FOR MACHINING CENTERS

### Vises, Tombstones, Subplates, Fixture Clamps, Magnetic Chucks, Vacuum Fixtures

Abbott	Kurt	Stevens Eng.
Bock	Micro Centric	Suburban Tool
Chick	Mid-State	System 3R
Erowa	Mitee-Bite	Tecnomagnete
Five Mfg	NEMI	Te-Co
Hirschmann	O.S. Walker	Tombstone City
Jergens	Schunk	Vac-U-Lok
Kanetsu	Snap Jaws	

## WORKHOLDING PRODUCTS FOR TURNING CENTERS

### Collet, Hydraulic, Manual, Precision, and Specialty Chucks & Jaws, Centers, and Collets

ATS	Hainbuch	Rohm
Atlas	Huron	Rovi
Autoblok/SMW	Kitagawa	Royal
Buck	Logansport Matsumoto	Samchully
Edward Andrews	Micro Centric	Schunk
Five Mfg	Pratt Burnerd	SMW Systems
Green	Riten	Superior/Cinc.

To order, call your local office in Minnesota, Iowa or Nebraska OR go to [www.productivity.com](http://www.productivity.com) and click on the Online Ordering button.

NOTE: Not all lines sold in all locations.



# Productivity Inc.

## More Than Just Great Tools & Accessories.

You get our *KNOWLEDGEABLE* staff that will *HELP* you select the *BEST TOOLS* and *ACCESSORIES* for your machine or job, *SHOW* you *CREATIVE* ways to process parts, *REDUCE* setup times, and *SAVE MONEY!*



Customer - Drilling Cost Analysis			
MACHINING INFORMATION	Drill #1	Drill #2	Comments
	Proposed Tool	Current Tool	
Drill Diameter	0.781	0.750	Drill #1
Drill Depth	2.000	2.000	Drill #2
Number of Flutes Per Flute	2.000	2.000	Current Tool
Inches Drilled Before Tool is Replaced/Index	1.000	0.500	
Surface Footage	0.00	0.11	
Inches Per Revolution	0.025	0.025	
RPM Revolutions Per Minute	2311	2311	
Inches Per Minute	2.311	2.311	
Drill Time Per Part in Seconds	88.87	114.11	
Drill Time Per Hole in Seconds	44.43	57.05	
Machine Charges Per Hour	\$50.00	\$50.00	
Machine Cost Per Part	\$1.48	\$1.90	
Annual Time Saved in Hours	17.8		
Estimated Annual Production	2,500		
TOOLING INFORMATION			
Number of Usable Edges or Tips	1	1	
Cost of Drill Body	204.50	112.00	
Number of Inserts Before Body or Tool Wear	25	10	
Holder Cost Per Index	\$0.00	\$2.11	
Cost Per Insert or Drill	\$0.00	\$0.00	
Insert Cost Per Cutting Edge	\$0.00	\$0.00	
Cost of Index Change Time	2.00	2.00	
Cost for Each Tool or Insert Change	\$2.00	\$2.00	
Tooling Cost per Tool Change or Insert Rotation	\$0.54	\$14.41	
Tooling Cost/Place Unlimited Production	\$0.49	\$2.48	
Tooling Cost/Place on Production Available	\$0.49	\$2.48	
Total Cost Per Piece Unlimited Production	\$1.97	\$4.39	
Total Cost Per Piece on Production Available	\$1.97	\$4.39	
Savings Per Part Unlimited Production	\$2.42		
Savings Per Part Based on Production Available	\$2.42		
PREPARED BY	Prepared for your convenience by:		
	Joe Tool		
	Tooling Engineer		
	April 8, 2008		
	Productivity Inc.		
			<b>ANNUALIZED SAVINGS</b>
			<b>\$6,039.04</b>

Annual Cost Savings  
**\$6,039.04!**

Minnesota 763.476.4196 Iowa 319.632.4288 Nebraska 402.330.2323

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