



TECH TOOL AKRON

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Customer Service Representatives

Mark Grossschmidt - markg@techtoolakron.com

Pat Hogue - phogue@techtoolakron.com

Christena Zander - chrisz@techtoolakron.com

Alphabetical Listing of Manufacturers We Represent

A.

A.B. Tools, Inc. - Rotary Cutting Tools
Advent Tools - Threadmills
Allied Machine & Engineering - Spade Drills
Allied Tool Products - Special Grooving
American National Carbide ~ Inserts
Anderson Products - Brushes
ARC Abrasives - Abrasives

B.

Blaser Swissslube - Coolants
Big Kaiser - Precision Boring, Presetters
Bitner Tooling - Special Drills, Reamers, Subland Tools
Boneham Metal Products - Drill Bushings
Burr King - Abrasive Grinders

C.

CJT Koolcarb - Drills, Reamers, End Mills
Cameron/Madison Facedriver ~ Hydraulic Expanding
Chucks & Arbors
Carmex Precision Tools LTD ~ Cutting Tools
Circle Cutting Tools - Boring Bars, Toolholders
Cogsdill Tool Products - Burnishing, Deburring Tools
Collis Tool ~ CNC Tooling
Command Corporation - Rotary Tool Holders
Conical Tool - Tapered End Mills
Contact Rubber - Contact Wheels
Custom Carbide Cutter, Inc. - Carbide Burrs, Cutters

D.

Desmond Dresser - Diamond Dressers
Dillon Manufacturing - Chuck Jaws
Dorian Tool - Knurling Tooling
Dura-Mill - End Mills

E.

Eclipse/Metcut - C'Bores, C'Sinks, Reamers, Spotfacers
Edward Andrews - Machine Tool Accessories
Ellsworth Cutting Tools ~ Drills, Reamers, C'Sinks, End Mills
Everede Tool - Boring Bars, Porting Tools

F.

Fette - Mills & Threadmills
Form Roll Die - Knurls
Fullerton Tool - Carbide Tools

G.

Garr Tool - Carbide End Mills, Drills, Rotary Files
General Oil - Way Lubes
Glastonbury Southern Gage - Gages
Global CNC Industries, LTD - CNC Tool Accessories
Grobet - Files, Tools, Supplies & Equipment
Guardair - Safety Air Guns
Guhring Drill - Drills: HSS & Carbide, Taps

H.

Harvey Tool - Carbide EM, Comb Drill, Specials
Hitachi - Indexable Milling Systems, End Mills, Drills
Horn USA, INC - Carbide Inserts
Huron Machine Products ~ Chuck Jaws

I.

Ingersoll Cutting Tools - Cutting Tools
Internal Tool - Boring Grooving Tools

J.

Jacobs - Chucks
JDM International, Inc. - Ceramic Inserts
Jowiit & Rodgers Co - Wheels, Resin Grinding Prod.

K.

K-Tool - Inserts & Cutters
Kaiser Thinbit - Inserts
Kaiser Tool Co, Inc. - Thin Grooving
Kanebridge Corp - Fasteners

L.

Lexington Cutter, Inc. - Carbide Tools
Link Industries - Center Drilling Products

M.

3M - Coated Abrasives, Tapes, Safety Products
M.A. Ford - Round Carbide Tools
Madison - Old Style Boring Tools
Magafor - Center Drills, C'Sinks
Manchester Tool Company - Cut-off & Grooving
Meister Abrasives USA, Inc ~ Custom-designed
Vitrified Diamond and CBN grinding wheels
Melin Tool - HSS/Carbide End Mills
Michigan Drill - Specialty Drills, Extended Lengths
Micro 100 - Solid Carbide, Mini Boring, Threading,
Grooving Tools
Mikron Corp Monroe - Carbide Tooling Crazy Drills
Millstar - Carbide Inserts, Ball Mills
Mitsubishi - Carbide Turning, Drilling, Milling Systems
Mitutoyo - Precision Tools, SPC Systems
Modern Abrasives - Mounted Wheels
Morse Cutting Tools - Drills, Taps, End Mills

N.

New Tech Cutting Tools - Superbee
Niagara Cutter - HSS, Carbide End Mills & Cutters
North American Tool ~ Special Thread Tool Products
NTK Ceramics - Cutting Tools





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Parlec - Rotary Tool Holders, Boring Systems
PDQ Marlin Tool - Quick-Change Tooling
Precision Components - Rotary Tooling
Procurier - Drilling & Tapping Attachments

Q.

Quality Chasers ~ HSS Threading Chasers

R.

Radiac Abrasives - Grinding wheels, Diamond Nibs, Segments
Ready Tool - Centers
Regal Cutting Tools - Taps, Drills, Reamers, C'sinks
Rego-Fix - Collet Systems
Reiff & Nestor - Taps, Drills, Reamers, C'sinks
Retention Knob Supply - Retention Knobs
Rigibore Inc. - Boring Systems
Riten Industries - Live/Dead Centers
Robb Jack Corp - Saws and Endmills
Rock River Tool Inc - Carbide Tools
Roentgen Sawblades - Bandsaws
Rohm Products of America - Chucks
Royal Products - Centers
RTW - Inserts, Toolholders, Boring Bars

S.

Sandvik CTT - PTD Drills
Schunk - Rotary Holders, Machine Tool Chucks
Scully Jones - Tool Holders
Seco Tools - Milling, Drilling, Tooling & Turning
Sowa Tool - Collets, Tool Holders
SP3 Inc. - CVD Diamond Coating
Superior Cincinnati - Collets

T.

Techniks, Inc. - Tool Holders
TE-CO Workholding Tech - Workholding and Set Up Components
Techleader Tooling Inc. - Tooling & Holders
Tool-Flo - Threading, Grooving, Inserts & Holders
TM Smith - Tool Holders: Quick-Change
TMX Tooling Technologies ~ Cutting Tool, Indexable Tooling

V.

Van Kuren - Gages
Vega Tool Corporation - Vega Tool/Hitachi Inserts
Viking Drill - Standard Drills
VNE Corporation - Carbide Threading

W.

Wright Tool - Hand Tools
Wendt - CBN & Diamond Grinding Wheels, Diamond Dressers
Widell Industries ~ Special Taps, Dies & Gages

X.

Xactform USA - Thread Milling Products

Y.

YMW USA - Taps
Yankee Reamer - Yankee Reamer

General formulas:

$$\text{SFM} = .26 \times \text{Diameter} \times \text{RPM}$$

$$\text{RPM} = (3.82 \times \text{SFM}) / \text{Diameter}$$

$$\text{FPT} = (\text{IPM} / \text{RPM}) / \text{Number of teeth}$$

$$\text{IPM} = \text{FPT} \times \text{Number of teeth} \times \text{RPM}$$

$$\text{HP} = (\text{WOC} \times \text{DOC} \times \text{IPM}) / \text{K factor for material}$$

