

ABRASIVE BRUSHES

Osborn International's new 52-page catalog covers its line of ATB (Advanced Technology Brushing) products. The literature includes sections about brush selection, implementation and troubleshooting. Products include wheel brushes, composite disc brushes, cup brushes and internal brushes. Specifications are provided in an easy-to-use chart format. A product index lists part numbers and corresponding page numbers. Telephone: (216) 361-1900.



MILL INSERTS

A brochure (No. 7809898) from Ingersoll Cutting Tools provides information about its Hi-FeedDeka feed mill inserts, which have 10 cutting edges. The brochure indicates that the inserts are suited for milling steels and irons and have a geometry suited for interrupted cuts. It also mentions the tools are for rough contouring, cavity work, shallow facing and corkscrew milling. Telephone: (815) 387-6600.



DRILL

M.A. Ford Manufacturing Co. Inc.'s 16-page brochure for its Twister XD high-performance drill indicates the product line includes through-coolant and non-through-coolant styles for drilling holes 3, 5 and 7 diameters deep. The diameter range is listed as 1/64" to 3/4" and 0.5mm to 20.0mm. The brochure describes the drill's "Active Cut" geometric design, stable low-thrust point form and proprietary coating. Telephone: (800) 553-8024.



MILLING SYSTEMS

Products in Sumitomo Electric Carbide Inc.'s '07-'08 milling systems catalog include inserts, solid-carbide endmills, indexable milling cutters, milling adapters and holders, tightening fixtures and retention knobs. Technical information is provided. The catalog provides available diameters and feed rates and specifies which materials the tools machine most efficiently. Telephone: (800) 950-5202.



GRINDING ATTACHMENT

A brochure from Precision International Corp. covers the rotary grinding attachment made by Penico Systems Ltd. for converting surface grinders to rotary work. The literature lists the product features, such as the inclinable sine table and variable speed control. Included is a description of how the product is used. The attachment's specifications are given. Telephone: (860) 243-0341.



TOOL REPAIR

Carbide Tool Services Inc.'s 16-page brochure illustrates the process for repairing damaged indexable tools from beginning to end. The full-color brochure includes "before" and "after" photos of various repaired tools, which cost less than 50 percent of the replacement cost of a new tool. Telephone: (800) 243-9577.



HORIZONTAL MACHINING CENTER

According to **Makino's** brochure, its a92 HMC is for use by tier-level production shops to make parts for the Class 8 diesel truck engine market, as well as for the aerospace, semiconductor and oil field industries. The brochure mentions that the high-thrust axis design of the a92 allows it to provide the thrust and acceleration necessary to machine compacted graphite iron. Specifications, such as feed rate and spindle speed, and options are provided. Telephone: (800) 552-3288.



SOLID-CARBIDE ENDMILLS

The Z-Carb solid-carbide endmill catalog is available from **SGS Tool Co.** The catalog describes the tools' extended-flute lengths for making deeper pockets and patented unequal-helix technology to increase productivity. It also mentions the Z-Carb family includes products with enhanced geometry and special features for specific applications. Telephone: (330) 686-5700.



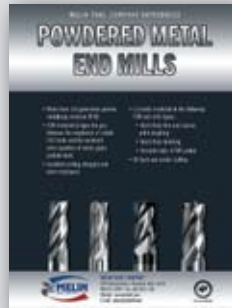
CUTTING TOOLS

HSS and carbide-tipped milling cutters are featured in a 36-page catalog from **Whitney Tool Co. Inc.** Solid-carbide cutters in a variety of sizes and styles are also featured. Information is provided on the company's retipping and re-grinding services. Included are an easy-to-use price quotation sheet, a decimal equivalent chart and a speed and feed chart for ferrous and non-ferrous materials. Telephone: (800) 536-1971.



CARBIDE PREFORMS

Innovative Carbide Inc.'s brochure describes its tungsten-carbide preforms. It includes information on rods, rectangular blanks, compacting dies, saw blades, knives, stamping blades, draw dies, seal rings, wire dies, nozzles, valves, seats, step blanks, blanks, can tooling and bushings. Telephone: (800) 544-4338.



POWDER METAL ENDMILLS

A product sheet from **Melin Tool Co.** covers its P/M endmills. The flier lists product features, such as their third-generation P/M material and their bridging the gap between the toughness of cobalt-HSS tools and the enhanced wear qualities of micrograin carbide tools. The literature also lists the available endmill types, including multiflute fine- and coarse-pitch roughing endmills, multiflute finishing endmills and variable-helix, AlTiN-coated endmills. Telephone: (800) 521-1078.



ROTARY SURFACE GRINDER

DCM Tech Inc. has released a product sheet covering its IG 280 SD industrial rotary surface grinder. The grinder is depicted in a photograph, and its control panel is shown separately. The text describes the grinder's process control system, rotary magnetic table, grinding spindle and mist collection and coolant systems. Its general specifications are given in a graph. Telephone: (800) 533-5339.



WORKHOLDING

A 24-page color catalog from **BIG Kaiser Precision Tooling Inc.** details how the Unilock clamping system can help reduce setup and part processing times. The catalog describes how the system's clamping mechanism utilizes spring pressure to drive wedges against a tapered wedge lock. Air pressure is used to compress the springs, releasing the wedge lock. The literature emphasizes that the system can be used on workpieces of any size or weight. Telephone: (847) 228-7660.



CUTTING TOOLS

Tool Fabrication Corp.'s product catalog features standard off-the-shelf tools, such as indexable port tools, carbide-shank boring bars, thread mills, adjustable reamers and Nobursink chatter-free deburring tools. The catalog also describes the company's expertise in designing and manufacturing specials, such as indexable and HSS tools and special cartridges. Information is included about the company's tool refurbishment services. Telephone: (800) 790-8665.



HORIZONTAL MACHINING CENTERS

Haas Automation Inc.'s full-color catalog highlights its line of newly designed, heavy-duty HMCs. The catalog features photos and specifications, with detailed information about options and benefits. Telephone: (800) 331-6746.



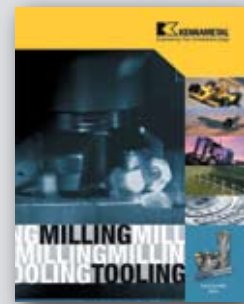
TOOL INSPECTION

Euro-Tech Corp. offers a 6-page brochure introducing its PG 1000 Evolution series cutting tool inspection system with linear-motion rolling guides on all axes, fiber optic lighting on all software systems and improved optical resolution. The brochure includes product information, specifications, photographs and company contact information. Telephone: (262) 781-6777.



THERMAL DRILLING

A literature packet from **Flowdrill Inc.** describes its four-lobed thermal drills, forming taps and additional components of its chip-free drilling system. The packet includes a CD-ROM that shows the actual process and a sample metal piece with examples of the thermal friction drill holes and the forming tap process. Included are numerous charts and tables describing parameters and options for specific applications. Telephone: (314) 968-1134.



MILLING TOOLS

Kennametal Inc. features milling inserts and cutter bodies in its 530-page "Global Milling Tooling" catalog. A third of the products listed in the catalog are new, including KSOM facemills, KSCM PCD facemills and the TM25 thread milling system. Products can be located using icons of cutters that are arranged from shallowest to deepest DOC. The catalog includes technical support data, a materials database and application data. Telephone: (800) 446-7738.



LATHE TOOLING

In addition to its printed catalog, **THINBIT** offers a DVD for its lathe tooling. The DVD contains several features as well as PDF versions of the catalog and price list. The features include access to insert and toolholder troubleshooting, reference guides for insert carbide grades and coatings, a catalog-use tutorial and a video of the latest product lines. Telephone: (888) THINBIT.



TOOLHOLDING

Zettl Mimatic Inc.'s brochure highlights its patented Mimatic-MI modular quick-change system for driven toolholders, CNC turning machines and machining centers. The brochure features photos of the modular system and lists the types of products it can be used with. Telephone: (847) 734-9222.



CARBIDE & HSS DRILLS

YG-1 Tool Co.'s line of carbide, HSS and cobalt-HSS drills is described in this catalog. New offerings include screw machine lengths in 135° split-point standard helix and 130° split point in parabolic-flute design. The catalog also covers Gold-P jobbers, as well as carbide drills capable of machining 8 diameters deep. Telephone: (800) 765-8665.



CUTTING TOOLS

New Tech Cutting Tools' 2007 catalog includes information on its Swift-Carb high-performance endmills for machining steel, stainless steel and aluminum; the new AR and AF series endmills for roughing and finishing aluminum; Superbee indexable carbide form cutters; and New-Lube modular microspray applicators and fluids. The catalog is 64 pages. Telephone: (800) 227-9876.



DRILLS

A flier from **Mitsubishi Materials U.S.A. Corp.** provides information on its Miracle W-Star super-long drills. The flier depicts the drilling of 10, 15, 20, 25 and 30 diameters deep, which are achieved via the wavy cutting edge and special flute design of the solid-carbide, through-coolant drills. Regrinding procedures for the drills are described and illustrated. Telephone: (800) 523-0800.



MACHINE ACCESSORIES

Boss Tool Works offers a 36-page machine tool accessories catalog. Products include vise jaws, extension vise jaws, vise jaw stops, vise and fixture clamps, vise and fixture keys, table stops, 5C collet fixtures, 5C angle boss (vise and thread mounts), 16C collet fixtures, 3-jaw chuck and wrenches. Each page lists product features and has a color photo and order number. Telephone: (262) 691-2455.



QUICK-CHANGE TOOLING

C.J. Winter Machine Technologies Inc.'s QCT Quick Change Tooling brochure describes its package for Davenport Servo B and Model B machines. The literature highlights the QCT stationary and revolving spindles, drill and tap holders, tool spindle front box, slides and adapter plates, form tools, shave tools, circular toolpost, preset fixture and additional presetting fixtures. It lists features and benefits of each tool and includes color photos of the products. Telephone: (800) 288-7655.



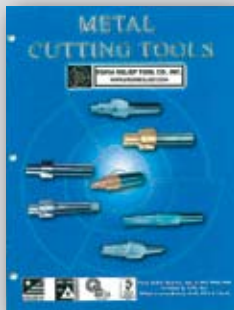
TOOL PRESETTER

A flier from **Command Tooling Systems** provides details about its Digiset 6 tool presetter's image controller, menu and optical features. Benefits are listed, such as that the push-and-click menu makes it easy to get information and that each tool is measured for tolerances and adjusted prior to use on the machine. The flier features color photos. Telephone: (800) 328-2197.



SMALL PART MACHINING

The **Denitool Inc.** 2007 catalog presents unmatched miniature and micro machining solutions. The catalog is set up to present product solutions starting in the front with the smallest minimum-bore sizes. Cutting pressure, part movement, dimensional requirements, cutting tool stability and surface finish are a challenge when the part is small enough to deflect during cutting. Denitool's catalog offers effective solutions under these conditions. Telephone: (615) 867-8882.



CUTTING TOOLS

Form Relief Tool Co. Inc., which specializes in tooling for the fluid power industry, offers a 36-page catalog showcasing its standard line of HSS and solid-carbide cutting tools. Specials are also illustrated. The literature notes that all tools are available with through-coolant capability and coatings. Telephone: (815) 393-4263.



MILLING TOOLS

The Helicarb milling tool brochure from **Great Lakes Custom Tool Manufacturing Inc.** provides general tips for using the tool efficiently while eliminating chatter. Photos of the tool are included. Photos and descriptions are also provided of the company's finishing cutter, Heligrip endmills and endmills with mechanically held carbide blades. Remanufacturing and custom tooling services are described. Telephone: (800) 873-4528.



ANGLE HEADS

Koma Precision Inc. offers its 28-page 2007 Alberti angle heads catalog. The catalog lists more than 40 types of standard angle heads, including in-stock, quick-install (15 minutes) heads for Haas and Fadal VMCs. Information is included about application-specific specialty tools and live tooling. The catalog describes the complete tooling selection support provided by application engineers, from torque calculations to 3-D interference drawings. Telephone: (860) 627-7059.



MINIATURE TOOLS

A 16-page metric edition catalog from **Kyocera Micro Tools** provides information on its solid-carbide microdrills, endmills and engraving tools. Photos of the tools are included. Part numbers and available sizes and specifications are listed in a chart for each type of tool. Recommended drilling and milling speeds and feeds are given for a range of materials. Telephone: (888) 848-8449.



CUTTING TOOLS

The 2006-07 high-performance industrial cutting tools catalog from **Rocky Mountain Twist (RMT)** offers more than 2,000 standard products. The literature mentions the company can deliver cutting tools to exact specifications as well, and that the tools are measured utilizing automated CNC technology. Information is included on design engineering. Telephone: (866) 433-4768.



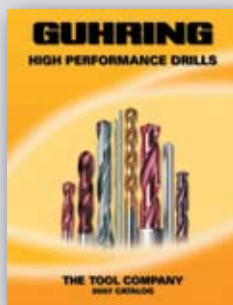
TOOL GRINDER

A 16-page catalog from **Rollo-matic Inc.** describes its GrindSmart 620XS 6-axis CNC tool grinding center. The literature outlines the applications, which include producing cutting tools, medical and surgical tools, dental tools, deburring tools and specialty tools. Included is a description of the VirtualGrind tool design and 3-D simulation software and tool wizard database. Telephone: (866) 713-6398.



COOLANT-FED PRODUCTS

Advanced Industries Inc.'s KoolBlast 20-page brochure features typical applications for coolant-fed sleeves, collars and endmill holders. Specifications are given for each product, and a quotation request form is available. Information is provided about high-pressure coolant, temperature and speed. The brochure outlines how coolant-fed products save time and money. Telephone: (734) 433-1800.



HIGH-PERFORMANCE DRILLS

Guhring Inc.'s 514-page 2007 drill catalog highlights the company's HSS, cobalt-HSS and solid-carbide drills, as well as indexable and modular tooling. New additions include high-penetration drills, carbide microdrills, an indexable gundrill, a modular deep-hole/large-hole drilling system, and HSK and shrink-fit toolholders. The catalog contains a comprehensive technical guide. Telephone: (800) 776-6170.



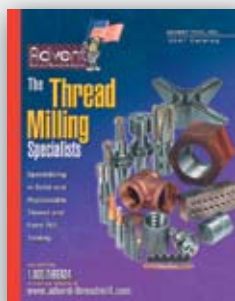
GRINDING MACHINE

Machine Control Technology's product sheet provides information on its MCT5000 5-axis CNC tool grinder. The brochure describes the types of tool features that can be ground, and it lists the machine's features, such as a workhead with 5C air collet closer and a built-in coolant system. Features and specifications of the machine, which sells for \$108,000, are described. Telephone: (714) 952-4622.



CUTTING TOOLS & BLANKS

A 75-page catalog from **William T. Hutchinson Co.** features drill and reamer blanks, cutting tools, mold and die supplies, linear motion components, shop tools and supplies, and inspection and gaging tools. New items include hardened and ground 440-C stainless steel blanks, metric diameter shafting and "Z" tolerance (0.0001") precision plug gage sets. Telephone: (800) 544-7934.



Advent Tool & Manufacturing Inc.'s 2007 product catalog provides information on its thread and form milling products. The literature features details on thread-form capabilities and covers more products available in Acme, Buttress and ISO forms. Form milling capabilities are included, such as corner rounding and being able to produce serration forms and spline milling forms. Telephone: (800) 847-3234.



HYDRAULIC TOOLHOLDERS

A 60-page, full-color catalog from **Schunk Inc.** outlines its Tendo hydraulic toolholders. Manufacturing details are given for the engineering involved in making the toolholders. Technical data is included for selecting from a standard program of CAT, HSK-A/C/E, SK and ABS toolholders, as well as information about specials, adapters and accessories. Telephone: (800) 772-4865.



DEBURRING, CHAMFERING TOOLS

E-Z Burr Tool Co.'s 24-page catalog has photographs, diagrams, charts and specifications for the company's full line of tools. These include micro, HSS and carbide deburring and chamfering tools; combination deburring, chamfering and drilling tools, including the BurrFree drill; specials; and the E-Z Burr kit. Ordering instructions are included. Telephone: (800) 783-2877.



DIAMOND TOOLS

A catalog from **sp³ Cutting Tools Inc.** includes information on its PCD cartridges, inserts and round tools; UltraMill milling cutters; TFD sheet diamond, which is said to last up to three times longer than PCD; and CBN cartridges and inserts. The catalog states that the PCD and TFD offerings are for machining low- and high-silicon aluminum and metal matrix composites. Telephone: (888) 547-4156.



CARBIDE DRILLS

Specialty Tools Inc. offers literature describing its patented 3-flute Super high-performance drills. The literature states that the company specializes in making specials, including step drills and form end-mills, and reconditions solid-carbide drills. Telephone: (608) 313-8730.



CUTTING TOOLS

The CoroKey product guide from **Sandvik Coromant Co.** has been revised with regard to structure, layout, content and technical information, and condensed to 192 pages. In addition to a choice of turning, milling and drilling tools, several new products have been added to the guide, including the CoroMill 365 and CoroDrill 880. The product guide also contains cutting data compensation tables. Telephone: (800) SANDVIK.



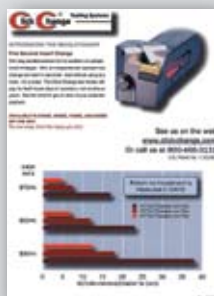
PORT CONTOUR TOOLS

Wetmore Cutting Tools' catalog covers its cutting and porting tools for automotive and military applications. The literature says the tools are known for their precision engineering, cost-effectiveness, balance and serviceability. Telephone: (800) 708-3713.



DEBURRING TOOL

Far East Machine Tool Co. Ltd. offers a brochure on the Debur Master tool for deburring or chamfering of holes. The brochure lists what types of machines the tool can be used with, such as drilling machines and lathes. A section on blade type depicts how the tool can be used for double cutting and back cutting and describes blade replacement. A section depicts how to regrind the tool. Telephone: (949) 497-1344.



INSERT HOLDER

A brochure from **Axian Technology Inc.** describes its Click Change Tooling Systems tool body for holding carbide inserts. Specifications are listed, such as clamping pressure and insert replacement repeatability. Available holders are listed by part number, shank size and insert type. A chart is provided showing return on investment in days. Telephone: (800) 466-3131.



SPINDLES, TOOLING

Diebold Goldring Tooling USA offers 18 of its catalogs in PDF format on a single CD-ROM. Catalog subjects include spindles and spindle repair, tooling, shrink-fit toolholders, workshop equipment, tool presetters, edge finders, assembly blocks, gages, drawbars and belt grinders. Telephone: (262) 736-2204.



POLYGON TOOLING

A catalog from **H.B. Rouse & Co.** provides information about Dieterle polygon tooling for automatic lathes. The illustrated literature spotlights the new PFV system that contains adjustable cartridges for precise seating. The catalog notes the polygon cutters fit standard live tooling holders. Telephone: (815) 943-4426.



MEASUREMENT DEVICES

A.A. Jansson Inc.'s catalog is a comprehensive source and reference for precision measuring service and equipment requirements. The recommendations presented in the catalog are backed by several years of knowledge and expertise, according to the company. Telephone: (800) JANSSON.



HIGH-FEED INSERTS

A 12-page catalog from **Dapra Corp.** features its HFBD high-feed inserts. The catalog states the inserts are for cavity/core roughing, pocketing, detail area roughing and helical interpolation. The catalog also describes the company's line of ballnose and backdraft finishing mills and inserts. Telephone: (800) 243-3344.



TOOLHOLDING

CNC toolholding is showcased in a catalog from **Briney Tooling Systems**. The literature states that using CNC grinders enables Briney to offer size repeatability and concentricity of 0.0002" or less. It adds that results are longer tool life, higher speeds and feeds, finer surface finishes and lower operating costs. Telephone: (800) 752-8035.



DUAL-CARBIDE DRILLS

ATI Stellram's 52-page catalog details its Hardcore dual-carbide drills, which have a resilient core that resists breakage and a hard shell that allows higher cutting speeds. Drills are available for cutting cast irons and alloy steels. The catalog covers Series 301 and Series 501 drills. Telephone: (615) 641-4200.



SUPERABRASIVE CUTTING TOOLS

EHWA/General Tool offers a detailed catalog for its PCD and PCBN cutting tools. The catalog contains part numbers, capabilities, specifications and application information for a broad line of turning inserts, milling inserts, turning tools, boring tools, grooving tools, PCD saws, PCD V-cutters and bevel cutters. Telephone: (877) 266-2322.



MILLING CUTTERS

A brochure from **Greenleaf Corp.** features its milling cutters, toolholders and adaptors. The brochure gives a comprehensive overview of Greenleaf's milling products, including cutter styles, available insert grades and geometries, application ranges and special engineering services. Telephone: (800) 458-1850.



VEGETABLE-BASED LUBRICANTS

A four-page flier from **Accu-Lube**, a brand of **ITW Rocol North America**, features its full line of vegetable-based lubricants and equipment for near-dry sawing. The literature describes the products as being nontoxic and environmentally compatible. It also describes specially configured lubricating systems, such as the Junior Sawing applicator kits for standard sawing. Telephone: (800) 452-5823.



CUTTING TOOLS

KEO Cutters' 80-page, full-color catalog features all of its products in an easy-to-read format. The literature details the expanded endmill line, which includes amorphous diamond and long-reach tools to complement the existing decimal endmill line. Telephone: (888) 390-2050.



MONITORING SYSTEM

A flier from **Maintenance Technologies** details its Adaptive Control & Monitoring system for CNC machining. The literature lists the system's features and benefits, such as automatic feed optimization, real-time cutting process monitoring, and tool and spindle breakage prevention. Graphs are included showing how the system works. Telephone: (800) 934-0735.



SHRINK-FIT CHUCKS

Haimer USA LLC's "Power Shrink Chucks" flier describes its antivibration shrink-fit chucks. The flier notes that the chucks minimize vibrations, thus maximizing output by improving the capacity of the machine and tools. Photos are included of CAT 40 and HSK 63A chucks that feature the Cool-Jet option, which delivers external coolant directly to the cutting edge. Telephone: (630) 833-1500.



MINIATURE DRILLS

Mikron Corp.'s brochure highlights its CrazyDrill Pilot and CrazyDrill Cool product lines. The literature provides information on the miniature drills with internal cooling, which range from 0.0295" to 0.2362" in incremental diameters of 0.002". Recommendations are included for optimal machining. Telephone: (203) 261-3100.



CUTTING TOOLS

Mil-Tec has published a supplemental catalog that includes more than a dozen new products. The catalog includes the complete line of High-Velocity indexable end-mills, Freedom Cutter Plus+ with high pocket density, through-coolant Freedom Cutter and Freedom Cutter with integrated R8 shank. The catalog notes that the inserts are matched with precision-milled cutter bodies. Telephone: (800) 564-5832.



CHIP CRUSHERS

Prab Inc. details features of its Vertical Axis Crushers in a brochure. The features include a revolving feeder arm and cast cutters, which handle large wads of tangled turnings, automatically reducing them to shovel-grade chips. The brochure notes that the unit quietly crushes metal turnings and has a low-horsepower motor to produce high torque at low speeds. Telephone: (800) 968-7722.



SPINDLES AND SLIDES

Setco Inc.'s brochure details its high-performance spindles and slides used in automotive, aerospace, die/mold, plastics and general metalworking industries. The products include belt-driven, CNC, gear-driven and motorized spindles, and complete lines of dovetail, hardened way, linear bearing slides. The company's repair/rebuild services are described. Telephone: (800) 543-0470.



METRIC TOOLS

Micro 100 Tool Corp.'s international catalog of metric tools is written in six languages. It features endmills, thread mills, boring tools and engraving tools. The catalog describes the company's proprietary process that prevents chipping or breaking under normal machining conditions, according to Micro 100. Telephone: (800) 635-3080.



ENDMILLS

In **Primary Cutter LLC**'s 2007 edition Supermill high-performance endmill catalog, tool options are listed in an easy-to-read table. The literature highlights the expanded line, which includes all-purpose, rougher, ballnose, and 5-flute sharp-corner tools. The catalog includes a form customers fill out to have a competitive tool tested against the Supermill. Telephone: (860) 828-9703.



LIVE, DEAD CENTERS

A color catalog from **Riten Industries Inc.** contains detailed application data and product specifications for its selection of live and dead centers. Standard models are available in popular taper styles and sizes. The catalog features a checklist for specifying and ordering custom centers. The company's repair and trade-in program is described. Telephone: (800) 338-0027.



TOOLING

Lyndex-Nikken Inc.'s Custom-Tools catalog describes its Angle-Heads, which reduce the number of setups needed for complex jobs by accessing previously unavailable planes. The catalog also provides information on HiSpinners, which increase spindle speeds by up to 10 times to a maximum of 40,000 rpm. Telephone: (800) 543-6237.



CARBIDE ENDMILLS

U.S. Union Tool Inc.'s catalog offers information on its Unimax series tungsten-carbide endmills. Information includes the appropriate workpiece materials that can be machined with the endmills, details about radius and diameter tolerance control and available coatings. Telephone: (714) 521-6242.



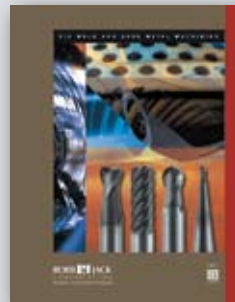
CAM SOFTWARE

A brochure from **DP Technology Corp.** describes Espirit, a high-performance CAM system for a range of machining applications. The literature provides information on the system's powerful full-spectrum programming for 2- to 5-axis milling, 2- to 22-axis turning, 2- to 5-axis wire EDMing, multitask machining and B-axis machine tools. Telephone: (805) 388-6000.



CUTTING TOOLS

Horizon Carbide Tool Inc. offers a catalog about its special and standard carbide inserts and tooling. The catalog (No. HT-005) describes the inserts for threading, grooving and turning. It also details the company's capabilities, including holding tolerances of ± 0.0005 " and taking special designs and making them standards. Telephone: (800) 968-0957.



CARBIDE ENDMILLS

RobbJack Corp.'s "Die Mold and Hard Metal Machining" catalog features a series of 2-flute, solid-carbide, toroid endmills. The literature notes the tools can cut tool steels hardened to 62 HRC. The TM series has high-accuracy geometries and application-specific coatings for roughing and finishing of 3-D die/mold cavities. Telephone: (800) 527-8883.



TOOL COATING

Seco Tools Inc.'s 24-page, full-color brochure highlights its atomically modified coating, Duratomic. The literature explains the engineering of the coating, illustrates test results and provides basic technical information. Grade TP2500, the first to feature the coating, is noted for its capability in turning steel, stainless steel and cast iron. Telephone: (586) 497-5000.



CUTTING TOOLS

Ssangyong Materials Corp.'s 2007-2008 cutting tool catalog contains information about new grades and shapes of inserts and various precision tools for enhancing productivity. Products include ceramic, cermet, PCBN and PCD inserts; toolholders; endmills; drills; and milling chucks. Telephone: (281) 556-5180.



WORKHOLDING

Abbott Workholding Products has released a catalog promoting all of its product lines, including Pie Jaws, tooling columns, master plates, straight jaws, subplates and angle plates. The catalog includes a company history, product information, images and material specifications. Additionally, company contact information is included. Telephone: (800) 528-6459.



CARBIDE TOOLS

An 85-page catalog from **CGS Division of Commercial Grinding Service Inc.** describes its standard and high-performance carbide tools. Among the tools featured are corner radius endmills and "offset" geometry HV series endmills. The catalog also features the additional sizes available for the 2-flute, 55° "ferocious" endmills for machining aluminum. Telephone: (800) 379-1433.



CARBIDE ENDMILLS

RoundTool Laboratories' new, comprehensive catalog covers its complete line of die/mold application-specific, solid-carbide endmills. The catalog provides fractional and metric sizes, and includes information on two different diamond coatings for cutting graphite, ballnose designs for milling hardened steel and multiflute designs for machining metals up to 68 HRC. Telephone: (714) 898-9224.



THREAD MILLS

The **Vardex USA** brochure highlights its He-Lex solid-carbide, helical-flute thread mills. The literature describes how the thread mills are economically priced and have the company's VZX coating, which extends tool life and enhances performance, according to Vardex. Telephone: (800) 828-8765.



SUPERABRASIVE TOOLS

A 24-page catalog of PCD and CBN tools from **Lapcraft Inc.** has an extensive selection of superabrasive grinding wheels, core drills, saw blades, routers, files, lapping discs, mandrels and drill bits. The literature states that the tooling is manufactured at the company's plant in Powell, Ohio. The catalog is available online at www.lapcraft.com as a PDF. Telephone: (800) 432-4748.



WATERJET CONFERENCE

The **WaterJet Technology Association's** Jet News publication features news and events regarding the 2007 WJTA Conference and Expo being held Aug. 19-21 at the Marriott Westchase Hotel in Houston. The literature describes the conference's educational programs, exhibits and live demonstrations related to high-pressure waterjet technology. Telephone: (314) 241-1445.



RODS AND BLANKS

Literature from **TaeguTec** details its expanded offering of through-coolant rods and gundrill blanks. It highlights the rod program, which now includes 40° helical through-coolant rods, and reduced bolt-circle rods for step drills. Telephone: (815) 387-6574.



CUTTING TOOLS

CJT Koolcarb Inc.'s catalog describes its line of solid-carbide, carbide-tipped and PCD drills, reamers and endmills. The inventory includes more than 40,000 standard stocked tools in more than 3,000 sizes. The catalog includes information on through-coolant and non-through-coolant cutting tools, specials and the company's resharping and recoating services. Telephone: (800) 323-2299.



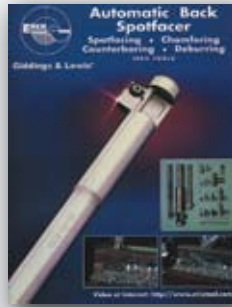
GRINDING WHEELS

Diagrind Inc.'s "Precision and Innovation" brochure describes its superabrasive grinding wheels. The literature highlights ordering information, workpiece materials, hole sizes, machine specifications, bond selection and grit size selection. Telephone: (708) 460-4333.



CAM SOFTWARE

A multimedia CD-ROM from **Gibbs and Associates** introduces the GibbsCAM product line and shows the advantages of the company's CAM software. Customers tell how the software addressed their manufacturing problems and improved their productivity and profitability. Gibbs' relationships with CAD and shop floor programming partners are also addressed. Telephone: (800) 654-9399.



CUTTING TOOLS

Erix's 32-page catalog describes its automatic back spotfacer for spotfacing, chamfering, counter-boring and deburring. Sections are included about technical descriptions, feeds and speeds, difficult-to-machine materials, and time and cost analysis. The products are distributed in the U.S. by **Giddings & Lewis Machine Tools LLC**. Telephone: (920) 921-9400.



GRINDING DISCS

A brochure from **Anchor Abrasives Co.** features its resin, epoxy and oxychloride-bonded, nut-in-ported discs and cylinders. It describes the company's innovation and pioneering of new concepts in disc grinding technology. The literature lists applications for the discs, including producing bearings, springs, ceramic parts, hand tools and automotive parts. Telephone: (708) 444-4300.



WATERJET COMPONENTS

KMT Waterjet Systems Inc.'s "PSC Precision System Components" catalog features its after-market high-pressure replacement components. The catalog notes the components were developed based on customer input and the company's experience with extreme pressure systems. Telephone: (620) 856-2151.



CUTTING TOOLS

The 2007 catalog from **Harvey Tool Co. Inc.** covers the company's line of specialty carbide cutting tools. More than 300 tools are included. The catalog features niche tooling, including miniature end-mills down to 0.001", clearance cutters, PCBN endmills, flat-bottom counterbores and dovetail cutters. Telephone: (800) 645-5609.



ENLARGING DRILL

Allied Machine & Engineering Corp.'s catalog details its Opening Drill for enlarging holes. Five shank styles are included: straight, ABS 63, CAT 40/CAT 50, HSK 63A/C and HSK 100A/C, and BT 40/BT 50. The catalog notes that drill holders are available with straight flutes and replaceable, adjustable cartridges. Telephone: (800) 321-5537.



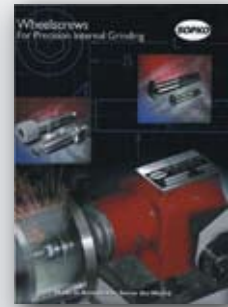
TOOL MANAGEMENT

Iscar Metals Inc.'s brochure provides information on its Matrix automated tool management system. The system's features and benefits are listed, such as a dual-locking system, ergonomic design, remote diagnostics and bar code reader. A table showing drawer codes, bin dimensions and total bins per code is provided. Software details and technical specifications are included. Telephone: (877) BY-ISCAR.



TOOL AND CUTTER GRINDER

Schütte TGM LLC's brochure describes its WU 305 linear CNC universal tool and cutter grinder, including the AC direct drives in all of its five CNC axes and grinding wheel changer with five magazine positions. Other product features listed include a high repeating accuracy and maximum acceleration of up to 1 g. A table lists technical data. Telephone: (517) 782-2938.



WHEELSCREWS

Wm. Sopko & Sons Co. Inc.'s "Wheelscrews for Precision Internal Grinding" catalog describes the features of its wheelscrews, such as that they are made from alloy steel and are heat treated. The catalog illustrates the correct mounting method for wheels. Specifications for the individual types of screws are presented in tables. An order form and record of usage page are included. Telephone: (888) 967-6756.