

SOLID CARBIDE TOOLS



DRILLS

- THROUGH COOLANT DRILLS,
- STEP DRILLS,
- BURNISHING DRILLS,
- SUBLAND DRILLS,
- TAPER DRILLS,
- CORE DRILLS,
- LUGGED TAPER SHANK DRILL,
- 3-FLUTE DRILLS,
- SPOTTING DRILLS,
- CNC DRILLS,
- CENTER DRILLS,
- 'S' GEOMETRY DRILLS,
- OIL HOLE DRILL LXD 30,
- DRILL CUM REAMER,
- **SPECIAL GEOMETRY DRILLS FOR AL, CI STEELS, SS & FORGINGS**

REAMERS

- THROUGH COOLANT REAMER,
- BURNISHING REAMERS,
- LUGGED REAMER,
- GUN REAMERS,
- VALVE GUIDE REAMERS,
- SAC REAMERS (FOR STRAIGHT HOLE & HIGH FINISH)
- EC BURNISHING REAMER

MILLING CUTTERS

- BALL END MILL,
- BALL NOSE END MILLS,
- SLOT DRILLS. SLOT MILL,
- ROUGHING END MILL,
- CORNER RADIUS ENDMILLS
- DOVETAIL CUTTERS,
- EXTRA LONG REACH BALLNOSE,
- KEY WAY CUTTERS,
- SLITTING SAW,
- T SLOT CUTTERS,
- HIGH HELIX FINISH ENDMILL

THREADING

- THREAD MILLING CUTTER (INTERNAL & EXTERNAL) THREADING INSERTS ,
- THREAD FORMS METRIC, UNF, UNC, BSPT, NPT, NPTF, NPSE,
- G PIPE THREAD

CARBIDE TIPPED TOOLS & CERMET TOOLS

- REAMERS, DRILLS,
- CORE DRILLS,
- COUNTERSINK,
- COUNTER BORES,
- HOLE MILLS,
- END MILLS,
- HELICAL TIPPED END MILLS,
- ROUGHING END MILL,
- SHELL END MILL,
- BALL END MILLS,
- DIE SINKERS,
- T SLOT CUTTER,
- SPOT FACERS,
- SIDE & FACE CUTTER,
- COOLANT FED SUPER POINT DELTA DRILLS,
- PROFILE & MULTI DIA CUTTERS,
- SAC REAMERS (FOR LONG ST HOLES)
- TREPPANING CUTTERS,
- SPHERICAL CUTTERS,
- SINGLE BLADE BURNISHING REAMERS,
- BACK SPOT FACING,
- SHELL REAMERS,
- EXPANSION REAMER,
- BORING TOOLS,
- TURNING TOOLS,
- PORT COUNTER BORE TOOLS



HSS COBALT TOOLS & SUPER HSS (ASP) TOOLS



- COOLANT FED DRILLS,
- DRILLS REAMERS,
- CORE DRILLS,
- REAMERS,
- TAPER REAMERS,
- SPOT FACE,
- HOLE MILLS,
- SUBLAND DRILLS,
- STEP DRILLS,
- TAPER DRILLS,
- MILL REAMER,
- BROACH REAMERS,
- SIDE & FACE,
- SPOT FACE CUTTERS,
- ROUGHING END MILLS,
- CYLINDRICAL CUTTERS,
- ANGLE CUTTERS,
- FORMS RELIEVED CONCAVE CUTTERS,
- OTHER FORM RELIEVED CUTTERS,
- TREPPANING CUTTERS,
- SPECIAL GEOMETRY TOOLS FOR CNC MACHINE
- PIPE CHAMFER TOOLS,
- JIG BORING TOOLS,
- CIRCULAR FORM TOOLS,
- DOVETAIL TOOLS ,
- RIFLE INK CUTTER
- FURTREE CUTTERS

UNIVERSAL Tools Inc.

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COMPLETE CUTTING TOOL SOLUTION

SPECIAL TOOLS

SOLID CARBIDE / CARBIDE TIPPED, LUGGED TOOLS

- PROFILE & FORM PROFILE CUTTERS,
- PORT HOLE CUTTERS,
- CAVITY TOOLS,
- 'T' SLOT CUTTERS,
- WOOD RUFF CUTTERS,
- DOVETAIL FORM TOOLS,
- CIRCULAR FORM TOOLS,
- FLAT FORM TOOLS,
- TURBINE BLADE ROOT TOOLS
- TURBINE BLADE CUTTERS,
- TOROUS CUTTERS
- VALVE GUIDE REAMERS,
- KEY WAY CUTTERS,
- SLITTING SAWS,
- CIRCLIP GROOVING TOOLS,
- DOVETAIL CUTTERS,
- BROACH, REAMERS,
- PROFILE FORM INSERTS
- JIG BORING TOOLS,
- SPHERICAL CUTTERS,
- SPECIAL PROFILE & FORM TOOLS,
- SPECIAL DRILLS ,
- FLAT DRILLS,
- NC SPOTTING DRILLS,
- MULTI STEP BURNISHING REAMER,
- CORNER ROUNDING CUTTERS,
- PARENT CORE TOOLS,
- CIRCLIP GROOVING TOOLS,
- COUNTER SINKS,
- NUT PLATE DRILLS ,
- AEROSPACE TOOLS,
- SERRATION CUTTERS,
- RECEING TOOL
- ROUTERS
- SPADE DRILLS
- GROOVING TOOL



- INTERPOLATING TOOLS
- HOBBS
- MICA UNDER CUTTING CUTTER
- DRILL REAMER FOR COMPOSITE MATERIAL
- DRILL REAMING & COUNTER SINK
- COUNTER SINK WITH OR WITHOUT PILOT

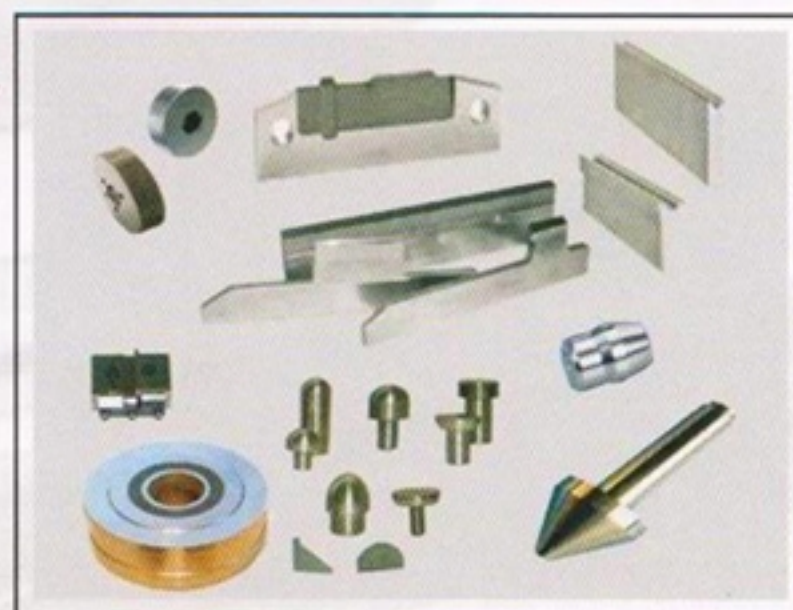
PCD TOOLS & PCBN TOOLS



- REAMERS,
- STEP REAMERS,
- COMBINATION TOOL (SPL & STD),
- INSERTS,
- PROFILE CUTTERS,
- END MILLS,
- SLOT DRILLS,
- BALL NOSE END MILL,
- CORNER RADIUS END MILL,
- ROUTERS,
- WOOD TOOLS,
- SCORING CUTTERS,
- SPECIAL TOOLS. WEAR PARTS,
- WEAR PART SUPPORT,
- TREPPANING CUTTER,
- FACE MILLING CUTTER,
- BORING TOOL
- GROOVING TOOLS
- 'V' NOTCH CUTTERS,
- SAWS PISTON GROOVING TOOLS,
- CIRCLIP TOOLS,
- COMBINATION CUTTERS,
- GROOVING CUTTERS,
- CARTRIDGE
- SHELL ENDMILL
- THREAD MILL
- THREAD INSERTS
- PORT TOOLS
- CAVITY TOOLS
- COUNTER SINK CUTTERS WITH / W/O PILOT
- **FOR MACHINING ALUMINIUM, BRASS GRAPHITE, FIBER CARBON, EPOXY, KEVLAR, COMPOSITE MATERIAL, PLASTIC WOOD ETC.**

WEAR PART

- WORK REST BLADES,
- CENTERS ,
- THROUGH COOLANT CENTERS-(METRIC JERNO, BROWN & SHARP,)
- GUIDES,
- BUSHES,
- WIRE GUIDES,
- TAMPLETS,
- ROLLERS,
- FOLLOWERS,
- CAMS,
- DIE,
- PUNCH,
- CRUSHERS,
- MANDRELS,
- KNURLS,
- PIPE CENTERS,
- HAMMERS,
- STUDS
- COLLETS,
- FEED FINGERS,
- SUPPORTS & RESTS
- GUIDE BUSHES ,
- GUAGES,
- BALLS,
- PROBES ,
- SHEARING BLADES,
- KNIFE,
- FLUTING GUIDES & SUPPORT
- LED CUTTERS,
- ANTI SKID BUTTONS,
- SHOES,
- GRIPPERS,
- CLAMPS,
- SICCSORS,
- HINGES,
- PADS,
- PROFILE PUNCH



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