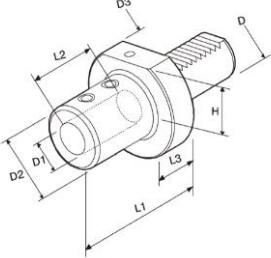
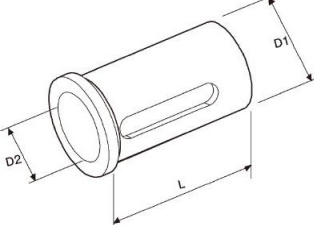
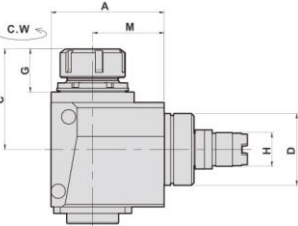


INDUSTRIAL TOOLS & SUPPLIES

A. TOOLS FOR TURNING MACHINES

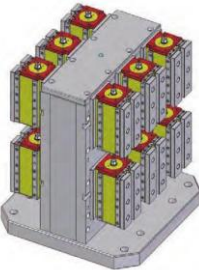
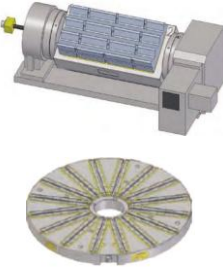
A01 Live Center	A16 Collet	A18 Chuck	A23 Chuck Type Vise
			
A25 Soft Jaws	A26 Collet Chuck	A31 Quick Change Tool Post	A33 Bar Feeder
			
A42 VDI Tool Holder	A71 Static Holder	A78 Reducing Sleeve	A83 Straight Shank Collet Chuck
			
A84 Tool Holder	A85 Milling and Drilling Head	A110 Tool Post Grinder	
			

B. TOOLS OF WORKHOLDING & PRECISION TOOLS FOR MILLS & VMCS

B01 Collet	B08 ST Collet	B09 R8 Collet	B09 MT2 / MT3 Collet
			
B10 5C Collet	B11 U2 Collet	B11 Collet Chuck System	B12 Collet Chuck System
			
B15 Straight Shank Collet Chuck	B18 Clamping Nut	B19 Collet Chuck System	B27 Wrench
			
B38 Nut	B39 Tapping Chuck	B46 Tap Collet	B55 Tapping Collet
			
B57 Collet Chuck Holder	B60 Milling Machine Adapter	B61 Oil-Feed Holder	B62 Mill Holder
			

B67 Drill Chuck	B70 HSK Holder	B73 Mill Chuck	B74 Collet Chuck
			
B80 Pull Stud	B85 Tool Setting Stand	B89 Tool Tightening Fixture	B90 Tool Presetter
			
B93 Milling Machine Vise	B97 Angle Vise	B100 Self Centering Vise	B108 Precision Mill Vise
			
B109 Compact Mill Vise	B123 Upright Vise	B135 Sub Table	B137 JIG Blocks
			
B144 Cross Tooling Column	B149 Aluminum Vise	B154 Flexible Vise	B163 Self-Centering Vise
			
B164 Shaft Vise	B165 Free Vise	B166 Universal Vise	B167 Power Feed
			

B168 Gear Power Feed	B169 Angle Head	B183 Milling Attachment	B184 Slotting Head
			
B185 Air Power Drawbar	B187 Universal Work Stopper	B187 Clamping Kit	B188 Magnet Screw Supporter
			
B189 Clamping Stud	B190 T-slot Nut	B190 Coupling Nut	B191 Swivel Flange Nut
			
B191 Step Clamp	B192 Step Block	B192 U Clamps	B193 Screw Supporter
			
B196 Supporter Holder	B196 Tips for Supporter	B198 Boring Head	B199 Boring Head Shank
			
B200 Boring Head Set	B204 Precision Boring Tool	B206 Wrench	B207 Universal Boring and Facing Head
			

B217 Rough Boring Head	B224 Boring Head	B228 Collet Chuck	B229 Dividing Head
			
B229 Tailstock	B230 Rotary Table	B231 Indexing Spacer	B232 Tilting Table
			
B237 Swivel Angle Plate	B238 CNC Rotary Table	B241 CNC Tilting Rotary Table	B243 CNC Rotary Table
			
B243 Index Table	B244 NC Rotary Table + Tailstock	B265 NC Rotary Table + Tailstock	B276 Electro-permanent Magnetic Chuck
			
B279 Vacuum Chuck	B280 Magnetic Clamping Block	B283 Magnetic Clamping Block	B285 Magnetic Chuck
			
B293 Magnetic Chuck			
			

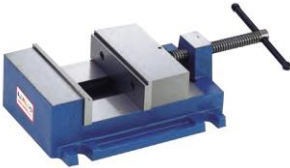
C. TOOLS FOR GRINDING MACHINES / WIRE EDM

C01 Sine Plate With Magnetic Chuck	C06 Sine Bar	C06 Sine Plate	C06 Angle Plates
			
C07 Vee Block	C07 V Block Pair W/ Clamp	C07 Steel Angle Plate	C08 Steel Square
			
C08 Holding Fixture	C09 Magnetic Transfer Parallels & V Blocks	C10 Magnetic Chuck	C10 Magnetic Chuck
			
C11 Punch Former	C20 Punch Former	C38 Punch Former	C46 Motor Punch Former
			
C49 Sine Plate of Punch former	C50 Grinding Slider	C51 Punch Grinder	C53 Wheel Dresser
			
C54 Angle Dresser	C56 Duplex Dresser	C58 Sine Dresser	C58 Wheel Dresser
			

C59 CBN Wheel Dresser	C60 Flange for wheel dresser	C61 Flange for wheel dresser	C67 Wheel Balancing Stand
			
C67 Wheel Balancing Stand	C68 Mini Toolmaker Vise	C77 Toolmaker Vise	C78 Sine Vise
			
C85 Tilt & Swivel Vise	C85 Driving Dogs	C86 Vise for Wire Cut	C87 Vise for EDM
			
C93 Clamp for EDM	C93 Extension Block	C95 Clamp Kit for EDM	C96 Rulers for EDM
			
C97 Adjustable Fixture	C99 Leveling Base	C101 Dividing Device	C107 Mini Toolmaker Vise
			
C108 Electrode Vise	C109 Toolmaker Vise	C113 Magnetic Chuck	C123 Demagnetizer
			

C124 Demagnetizer	C126 Demagnetizer	C128 Electro-magnetic Holder	C129 Magnetic De-burring & Polishing MC.
			
C135 Paper Filter	C135 Magnetic Separator	C136 Magnetic Separator & Paper filter	C137 Magnetic Rolling Conveyors
			
C138 Oil Skimmers	C140 Dust Collector	C141 Mist Collector	
			

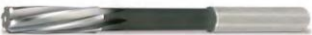
D. TOOLS FOR DRILLING MACHINES

D01 Drill Press Vise	D02 Quick Jaw Vise	D11 Angle Vise	D11 Cross Vise
			
D12 Angle Cross Vise	D13 Drill Press Vise	D13 Universal Rotary Vise	D14 Key Type Drill Chuck
			
D17 Chuck Key	D18 Drift Key	D18 Drill Chuck Removal Wedge	D18 Impact Drill Drift
			
D19 Keyless Drill Chuck	D22 Drill Sleeves	D23 Drill Chuck Arbor	D24 Multiple Spindle Boring Head
			
D32 Multiple Spindle Boring Head	D36 Tapping Attachment	D37 Tap Wrench	D38 Die Stock
			

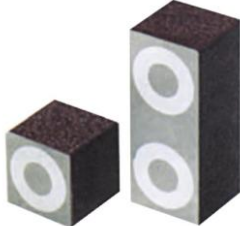
D39 Air Tapping Machine	D43 Pneumatic Tapping Tool	D44 Electric Tapping Machine	D49 Magnetic Tapper
			
D49 Drill Grinding Attachment	D50 Diamond Core Drill	D61 Core Drill	D62 Magnetic Drilling Machine
			
D64 Magnetic Drills	D71 Hole Cutting Drill	D75 Electric Mixer / Drill	D76 Electromagnetic Drill
			

E. CUTTING TOOLS

E07 External Turning Tools	E51 Lathe Turning Tool Kit	E52 Cutoff Insert	E52 Face Slotting Kit
			
E53 External Turning Tool	E56 Boring Bars	E89 Toolholders – External Turning For Grooving	E96 Cutting Blocks
			
E96 Lathe Quick Center Block	E97 Lathe Quick Center Block & Sleeve	E98 Rotary Broaching Tool	E101 Knurling Toolholder & Knurling Wheels
			
E101 Rolls for Knurling	E109 End Mill	E117 Shell End Mill	E122 Face End Mill
			
E129 Side Mill	E134 New AX Series End Mill	E137 End Mill Tool Kit	E140 Ball Nose End Mill
			

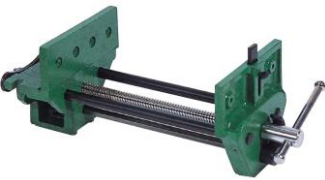
E143 Square End Mill	E146 Corner Radius End Mill	E147 Ball Nose End Mill	E196 Drills
			
E205 Thread Milling Tool	E207 Cartridges	E208 Twist Drill / Taps	E208 Flute Tap / Point Tap / Hand Tap / Taper Pipe Tap
			
E213 Center Drill	E214 Serial Flute Tap	E216 Serial Point Tap	E221 Taper Pipe Tap
			
E223 Reamers	E238 Adjustable Reamers	E239 Adjustable Reamer Set	E241 Spiral Chuck Reamer
			
E242 Carbide Machine Reamer			
			

F. PRECISION TOOLS

F01 Magnetic Remover	F03 Magnetic Pick-up Tool	F04 Magnetic Handlers	F06 Magnetic Sweeper
			
F07 Magnetic Finder	F09 Flexible Magnetic Pick Up Tool	F09 Magnetic Pen	F10 Magnetic Cleaner
			
F11 Permanent Magnetic Lifts	F12 Permanent Magnetic Lifts	F12 Battery Hoisting Magnetic Chucks	F11 Permanent Magnetic Lifts
			
F14 Magnetic Square Block with Vee	F14 Magnetic V Block	F16 Magnetic Holders	F16 Universal Mechanical Arm Magnetic Base
			
F21 Magnetic base with Coolant hose	F23 Universal Angle Block Set	F23 Parallel Block Set	F27 V Block & Clamp Set
			

F29 Angle Block Set	F31 Permanent Magnetic Chuck	F31 Punch Forming Machine	F32 Tool Maker Vise
			
F33 Precision Vise	F33 T Type Clamp	F34 Concentricity Gauges	F40 Multifunction Gauge
			
F41 Precision Bench Center	F41 Precision Bench Center	F44 Comparator Stand	
			

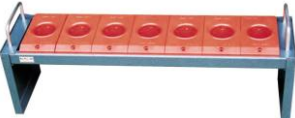
G. INDUSTRIAL SUPPLIES

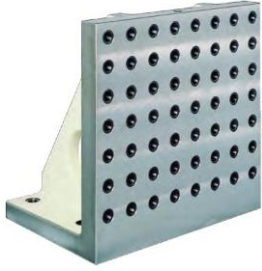
G01 Pipe Cutter	G02 Pipe Vise	G03 Manual Ratchet Pipe Threaders	G06 Portable Threading Machine
			
G07 Quick Release Woodworking Vise	G08 Multi-function Light Force Vise	G09 Bench Vise	G10 Coolant Hose
			
G22 Inclined-Injection High Pressure Adjustable Nozzle	G31 Total Flow Control Unit	G31 Spraying Device	G32 Air Coolers
			
G33 Coolant Mist Unit	G34 T Slot Covers	G35 Electric Lubricators	G38 Automatic Pumps
			
G38 Engine Oils	G39 Manual Oil / Grease Pump	G39 Electromagnetic Pump	G39 Hand Pumps
			

G40 Hand-Pull Manual Lubricators	G41 Oil Skimmer	G42 Net Type Oil Skimmer	G45 Oil Skimmer
			
G46 Flexible Carrier	G46 Bellows	G47 Chip Guard	G47 Way Cover
			
G48 Air Operated Grease Pumps	G54 Air Operated Oil Pump	G58 Waste Oil Reservoirs	G60 Hand Operated Oil Pumps
			
G66 Dismantle Tool for Shock Absorbers	G67 Manual Hydraulic Press	G72 Arbor Press	G73 Wet / Dry Vacuum Cleaner
			
G74 Air Power Parts Washer	G75 Portable Dust Collector	G75 Dust Collector	G82 Flexible Hose
			

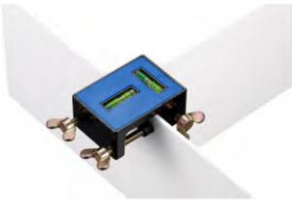
G91 Hose Clamp	G91 Dust Accessory Kit	G92 Electrode Wire	G95 Chamfering Machine
			
G96 Portable Chamfering Machine	G96 Self-propelled Chamfering Machine	G98 Self-propelled Chamfering Machine	G99 Portable Chamfering Tool
			
G100 Burring Machine	G100 Bench Grinder	G101 Diamond Wheel Dresser	G101 Wheel Dresser
			
G102 Mini Engravers	G102 Cut Off Machine	G102 Rod Cut Off & End Surface Grinding Mach.	G103 Tungsten Steel Precision Cutter
			
G103 Letter Steel Stamps	G107 Steel Types Kits	G107 Automated Center Punches	G108 Portable EDM
			

G109 Screw Extractor Set	G111 Nut Splitter Set	G111 Multi-spline Extractor Set	G111 Tapered Reamer
			
G112 Brake Caliper Piston Tool	G112 Axle Spindle Rethreading Set	G112 Fuel System Tool Set	G112 Carburettor Tuning Set
			
G113 Threaded Coil – Insert Repair Kits	G117 Hammers	G119 Auto Body Repair Set	G120 Quick Interchangeable Crimping Tool
			
G128 General Purpose Clamp	G133 Groove Clamp	G135 Cantilever C-Clamps	G137 Multi-function Assembling Serial Clamp
			
G142 Parallel Screw Clamp	G146 Vertical Handle Toggle Clamp	G147 Horizontal Handle Toggle Clamp	G150 Toggle Pliers
			

G151 Toggle Clamp	G152 F Type Clamp	G153 C Type Clamp	G154 Magnetic Quick Clamp
			
G154 Magnetic Ground Clamp	G155 LED Work Light	G156 Fluorescent Light	G156 Halogen Lamp
			
G161 Head LED Lamp	G161 LED Light	G165 LED Signal Light	G170 Coolant Pump
			
G174 Coolant Tank	G175 Tool box for end mill	G175 Tool Box for Insert	G176 CNC Tool Insert
			
G176 CNC Tool Trolley	G176 CNC Tool Tray	G177 CNC Tool Shelves	G177 End Mill Rack
			

G178 Storage Module	G179 CNC Tool Trolley	G181 Cast Iron V-Blocks	G181 Right Angle Plates
			
G181 Plain Angle Plates	G182 Slotted Angle Plate	G183 M/C Angle Plate	G185 Compound Table
			
G185 Cross Work Table	G186 Mill & Drill Table	G187 Portable Tool Chest	G188 Cabinet, Roll Wagon
			
G193 Trolley	G200 Workbench, stand	G200 Display Stand	G204 Storage Bin
			
G206 Storage Cabinet & Parts Bin	G211 Professional Tool Box	G213 Oil Cooler	G217 Water Chiller
			

G223 Air Conditioner for electrical control panel	G224 Heat Pipe Heat Exchangers	G226 Air Conditioner	G228 Infrared Thermometer
			
G230 Noise Dose Meter	G230 EMF Meter	G231 Battery Impedance Tester	G232 Hydraulic Puller
			
G235 Gear Puller	G237 Flaring Tool Set	G242 Tubing Service Kit	G242 Flaring Tool with Tube Cutter & Deburrer
			
G242 Swaging and Tube Cutter Kit	G243 Hook and Pin Wrench Kit	G243 Pin Spanner Wrench	G243 Auto Tube Cutter Kit
			
G244 Hand Bender Kit	G245 Hole Punch Kit	G245 Electric Flaring Tool	G246 Welding, Cutting & Heating Complete Outfit
			

G252 Micro Welding Clamp	G252 Butt Welding Clamp	G253 Precision Weld Clamp	G253 Angle Welding Clamp
			
G254 Inverter DC Stick MMA	G255 Inverter Tigs	G260 Plasma Welding Machine	G260 CO2 / MIG Welders
			
G262 Safety Goggles	G263 Welding Helmet	G267 Safety Helmet	G268 Disposable Mask
			
G269 Ear Muff	G272 Safety Gloves	G273 Shock Absorber	G274 Shock Absorber
			
G275 Casters with adjuster	G276 Hex Key Wrench Set	G278 Star Key Wrench Set	G287 Folding Wrench Set
			

G288 Handle Series Wrench Set	G291 Bit Set	G292 Combination Bit Set	G293 Gearless Screwdriver & Bit
			
G293 Ratcheting Bit Driver Set	G294 Screwdriver Set	G295 Angle Driver s	G296 Auto Loading Utility Knife
			
G297 Surface Forming File	G298 End Mill Re-sharpener	G300 Drill Re-sharpener	G301 Tap Grinder
			
G303 Universal Cutter Grinder	G304 Hydraulic Punchers	G305 Steel Shear	G306 Punches
			
G307 Drilling Head	G309 Tapping Head	G311 Boring Head	G313 Pallet Stacker
			

G326 Hand Pallet Truck	G326 Petal Hydraulic Platform Wagons	G327 Oil Tank Fixture	G327 Oil Drum Tilters
			
G328 Mini Stacker	G329 Spindle Taper Wiper	G330 Spindle Taper Wiper	G330 Wipes in Roll
			
G331 Cables	G332 Cable Reel	G332 Lever Hoists	G333 Hand Puller
			
G335 Trailer Winch	G337 Tie Down Set		
			

H. MEASURING TOOLS

H01 Rectangular Metric Gauge Block Set	H04 Precision Accessories for Grinding Machine	H06 Measuring Tool – Optical Parallel	H07 Angle Leveling
			
H09 Level Rulers	H10 Laser Line Projector	H10 Accuracy Babble Level	H11 Electronic Laser Level
			
H12 Z Axis Preset Gauges	H13 Electronic Tool Length Setter	H13 Optical Edge Finders	H14 Mechanical Edge Finders
			
H15 Ceramic Edge Finder	H16 Straight Rulers	H18 Aluminum Squares	H21 T-Squares
			
H22 Protractor	H24 Divider	H24 Caliper	H24 Ratio-Scale Ruler
			
H25 Rolling Ruler	H25 Combination Square Rulers	H26 Profile Contour Gauge	H27 Tschorn 3D-Tester
			