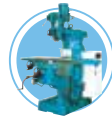




<p>A01 Horizontal/Vertical Rotary Table</p> <p>HV-4-12</p>	<p>A02 Rotary Table Special Accessories</p> <p>DP-1-5</p>	<p>A03 Tilting Rotary Tables</p> <p>VUT-6-12</p>	<p>A04 Semi-Universal Dividing Head</p> <p>BS-0,1</p>	<p>A05 Universal Dividing Head</p> <p>BS-2</p>
<p>A06 Super Indexing Spacer</p> <p>CS-6,8</p>	<p>A07 Simple Indexing Spacer</p> <p>CC-12</p>	<p>A08 Precision Index Table</p> <p>VIT-</p>	<p>A09 Economical Type Rapid Index</p> <p>VSI-4-5</p>	<p>A09 Simple Rotary Chuck</p> <p>NEW</p> <p>VSR-6,8</p>
<p>A09 Precision Universal Angle Chuck</p> <p>NEW</p> <p>VUA-100J</p>	<p>A10 Universal Tilting Rotary Table</p> <p>VU-100-200</p>	<p>A10 Universal Tilting Rotary Table</p> <p>VU-300</p>	<p>A11 Hydraulic Machine Vise</p> <p>NEW</p> <p>VH-4-8 VH-8L</p>	<p>A12 Tilting Hydraulic Machine Vise</p> <p>VHT-4,6</p>
<p>A12 Universal Tilting Hydraulic Machine Vise</p> <p>NEW</p> <p>VHT-4U,6U</p>	<p>A13 Ang-Fixed Vise</p> <p>VA-4-8</p>	<p>A14 K-Type Milling Vise</p> <p>VK-4-8</p>	<p>A15 Super Open Vise</p> <p>VJ-600</p>	<p>A15 2-Way Angle Milling Vise</p> <p>VWT-4B,6B</p>
<p>A16 3-Way Angle Milling Vise</p> <p>VW-3-5</p>	<p>A16 2-Way Machine Vise</p> <p>VWT-5,6A</p>	<p>A17 Self Centering Vise</p> <p>NEW</p> <p>VCV-</p>	<p>A17 U/N Work Stopper</p> <p>VWS-123,125</p>	<p>A17 Universal Vise Jaws With Work Stopper</p> <p>VWSJ-</p>
<p>A18 Modular Precision Machine Vise</p> <p>VMP-</p>	<p>A19 Modular Precision Hydraulic Machine Vise</p> <p>NEW</p> <p>VMP-</p>	<p>A20 Modular Machine Free Vise</p> <p>VMP-</p>	<p>A20 Quick Long Distance Clamping Vise</p> <p>NEW</p> <p>VLO-100</p>	<p>A20 Prisma Jaw</p> <p>VWS-</p>
<p>A21 Lock-Fixed II Precision Machine Vise</p> <p>VMC-4,6</p>	<p>A21 Compound Precision Vise</p> <p>NEW</p> <p>VCV-44</p>	<p>A22 Hydraulic Machine Vise</p> <p>VHO-</p>	<p>A22 Double Clamp Vise</p> <p>VMC-6D</p>	<p>A23 MC Power Vise</p> <p>NEW</p> <p>VQC-</p>
<p>A27 MC Power Vise Hydraulic Type</p> <p>NEW</p> <p>VQC-</p>	<p>A29 MC Power Vise</p> <p>NEW</p> <p>VQC-</p>	<p>A29 MC Power Vise Hydraulic Type</p> <p>NEW</p> <p>VQC-</p>	<p>A30 Upright MC Power Vise</p> <p>NEW</p> <p>VQC-</p>	<p>A30 Combination MC Power Free Vise</p> <p>NEW</p> <p>VQC-</p>



<p>A31 NC Hydro Machine Vice Vice NEW</p>  <p>VNC-</p>	<p>A33 Precision pneumatic Ang-Fixe Power Vice</p>  <p>VMC-</p>	<p>A34 Quick Setting Vice</p>  <p>VQS-3-5</p>	<p>A34 Machine Vice for Shaping & Milling Use</p>  <p>VSM-</p>	<p>A35 V-Type Milling Vice</p>  <p>VBV-4-6</p>
<p>A35 Free Vice</p>  <p>FV-SV-</p>	<p>A35 T Slot Clamps NEW</p>  <p>CK-</p>	<p>A36 52-Pc Steel Clamping Kit</p>  <p>CK-</p>	<p>A36 Individually Parts T-Slot Nut</p> 	<p>A37 Coupling Nut</p> 
<p>A37 Flange Nut</p> 	<p>A38 Clamping Studs</p> 	<p>A39 Step Clamp</p> 	<p>A39 Step Block</p> 	<p>A39 C-Clamp Cast Steel NEW</p>  <p>VCL-</p>
<p>A39 Steel Bench Vis Without Base NEW</p>  <p>BVV-</p>	<p>A40 Ground Parallels</p>  <p>VP-100</p>	<p>A40 Ground Parallels</p>  <p>VP-118A</p>	<p>A40 Ground Parallels</p>  <p>VP-128A</p>	<p>A41 Precision Parallels</p>  <p>VP-136</p>
<p>A41 VP-018 Thin Type Parallels Set</p>  <p>VP-018</p>	<p>A41 VP-163 Precision Parallels</p>  <p>VP-163</p>	<p>A41 VP-064 Precision Parallels</p>  <p>VP-064</p>	<p>A42 VP-050 Precision Parallels</p>  <p>VP-050</p>	<p>A42 VP-033 Precision Parallels</p>  <p>VP-033</p>
<p>A42 VP-146 Ground Parallels NEW</p>  <p>VP-146</p>	<p>A42 VP-168 Ground Parallels NEW</p>  <p>VP-168</p>	<p>A43 VP-200 Ground Parallels NEW</p>  <p>VP-200</p>	<p>A43 Adjustable Angle Plate</p>  <p>VP-180-600</p>	<p>A43 Angle Plate With Swivel Base</p>  <p>VP-250S,380S</p>
<p>A44 Precision Cross Table</p>  <p>VCT-</p>	<p>A44 Precision Cross Table</p>  <p>VCT-830</p>	<p>A44 Cross Table</p>  <p>VCT-512</p>	<p>A45 Right Angle Head</p>  <p>VRA-</p>	<p>A45 Horizontal Milling Attachment</p>  <p>VHA-</p>
<p>A46 Power Table Feed X,Y,Z Axis</p>  <p>VPF-</p>	<p>A47 Air Power Drawbar</p>  <p>PD-</p>	<p>A48 Precision Slotting Head</p>  <p>VSH-</p>	<p>A49 Precision Right Angle Plate</p>  <p>VRH-4-8</p>	<p>A49 Right Angle Plate</p>  <p>VR-6-12</p>



A49 Slotted Angle Plates
VR-45-120

A49 Plain Angle Plates
VR-22-1212

A50 Screw Jack
VSJ-

A50 Screw Jack With Magnets
VSJM-

A50 Screw Jack Sets
VSJ-A-B

A51 U-Clamp
VCA-

A51 Pivot Clamp
VCB-

A51 Hand Drift
VHD-

A51 Drill Vise
DV- **NEW**

A52 Eye Shield
VH-56

A52 Milling Table Slot Cover
VST-10~36

A52 Vee Blocks
V-2V-8V

A52 Auto Center Punch
VACP-1

A53 Draw Bar
VDR-

A53 Expandable Machine Guard Cover
VGC-

A53 5C.C32.OZ25 Collet Rack
VMS-5

A53 Parts Storage
VHB-

A54 Universal Cutter Grinder
U2

A55 Chamfering & Deburring Unit
VCF-500

A55 Chamfering & Deburring Unit
VCF-500W

A55 Chamfering & Deburring Unit
VCF-500F

A56 Chamfering & Deburring Unit
VCF-500S

A56 Chamfering & Deburring Unit
VCF-600

A56 Chamfering & Deburring Unit
VCF-700

A57 Chamfering & Deburring Unit
VCF-300A **NEW**

A57 Ejector Pin Cutting-off Unit
VEC-100

A58 Rods Precision Cutting-Off And End Surface Grinding Unit
VEC-

A59 Dustproof Halogen Lamp Beams
VHL-

A60 Dustproof Halogen Lamp Beams
VHL-

A61 Quartz Halogen Lamp Beams
VHL-

A62 Cool Light Beams
VHL-

A63 Magnifying Fluorescent Work Light Beams
VHL-

A64 Water-Proof Halogen Lighting Beams
VHL-

A65 Dustproof Halogen Lamp Beams
VHL-

A66 Water Proof LED Lamp
VLED- **NEW**

A67 Concentrate LED Lamp
VLED-30 **NEW**

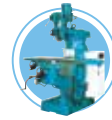
A68 Concentrate LED Lamp
VLED-20L **NEW**









A69 1/8 HP. Under Water Coolant Pump
VWP-

A69 1/4 HP. Under Water Coolant Pump
VWP-

A69 Self Priming Coolant Pump 1/8 HP. 1/4 HP
VWP-

A SERIES MILLING MACHINE ACCESSORIES



A70 Coolant Pump Kits  VWP-	A70 Under Water Type Multi-stage High Pressure Coolant Pump  VWP-	A71 Hand Lubrication Pumps  LT-4	A71 Hand Lubrication Pumps  LT-6	A71 Hand Lubrication Pumps  EA-8R
A72 Hand Lubrication Pumps  LA-8	A72 Hand Lubrication Pumps  SMA-	A72 Hand Lubrication Pumps  VL-		

B SERIES GRINDING MACHINE ACCESSORIES



B01 Punch Former  V-PB	B01 Punch Former  V-PS	B02 3-Jaws Punch Former  V-PS-80J	B02 ER Collet Dividing Punch Former  V-PS-ER	B02 Sine Plate For all Type Punch Former  V-PS-SP
B02 ER Collet Dividing Punch Former  V-PS-ER32S	B02 ER Collet Dividing Punch Former  V-PS-ER50S	B02 3-Jaws Punch Former With Sine Plate  V-PS-80JS	B03 Punch Grinder  V-PGS	B03 Punch Grinder  V-PG
B03 Punch Grinder  V-PGM	B03 Punch Grinder  V-PGA	B04 Mine Tool Maker Vise  VMV-10	B04 Tool Maker Vise  VMV-15-60	B04 Tool Maker Vise  VDV-20-40
B05 Sine Vise  SVB-20-30	B05 Sine Vise  SVD-200-300	B05 Precision Universal Angle Vise  VUA-3,4	B06 Precision Universal Angle Vise  VUA-408,510	B06 Precision Universal Angle Chuck  VUA-100J
B06 Tool Makers Vise  VC-20-30	B06 Tool Makers Vise  V-VE20-VE30	B07 Precision Sine Vise  SVC-100	B07 Precision Sine Vise  SVL-50	B07 Two Way Vise  SVS-100



<p>B07 Modular Precision Machine Vise</p>  <p>VMP-</p>	<p>B08 Sine Bar With Magnetic</p>  <p>V-S50M,S100M</p>	<p>B08 Sine Bar</p>  <p>VS-100</p>	<p>B08 Sine Bar-Inch</p>  <p>V-S25,S50</p>	<p>B09 Angle Plate</p>  <p>VAP-1~3</p>
<p>B09 Micro-Adjustable Angle Plate</p>  <p>VAPM-1~3</p>	<p>B09 Precision V Block</p>  <p>V-3VA~5VA</p>	<p>B10 Precision Angle Blocks</p>  <p>AB-130</p>	<p>B10 Universal Angle Block Set</p>  <p>AB-163,164</p>	<p>B10 Micrometric Tangent Bar & Angle Gauge Block Set</p>  <p>AB-166</p>
<p>B10 Solid Angle Plates</p>  <p>AB-167</p>	<p>B11 Precision Angle Blocks</p>  <p>AB-113</p>	<p>B11 Hardened Steel Squares</p>  <p>SS-304~312</p>	<p>B11 Precision Steel Angle Plates</p>  <p>VRS-</p>	<p>B12 Squares</p>  <p>FS-204~208</p>
<p>B12 V-Block With Clamps</p>  <p>VBC-</p>	<p>B12 V-Block With Clamps</p>  <p>VBC-003</p>	<p>B12 V-Block With Clamps</p>  <p>VBC-006</p>	<p>B12 V-Block With Clamps</p>  <p>VBC-243</p>	<p>B12 V-Block With Clamps</p>  <p>VBC-009</p>
<p>B13 Electrode Vise</p>  <p>VEH-20</p>	<p>B13 Electrode Holder</p>  <p>VRA-20~100</p>	<p>B13 Electrode Holders</p>  <p>VEH-20MS</p>	<p>B13 Electrode Holders</p>  <p>VEH-20DS</p>	<p>B14 Tool Maker Vise (STAINLESS)</p>  <p>VSTV-10V</p>
<p>B14 Tool Maker Vise (STAINLESS)</p>  <p>VBST-30</p>	<p>B14 Tool Maker Vise (STAINLESS)</p>  <p>VSTV-25</p>	<p>B15 EDM Tool Marker Vise (STAINLESS)</p>  <p>VSTV-50W</p>	<p>B15 EDM Tool Marker Vise (STAINLESS)</p>  <p>VSTV-100W</p>	<p>B15 EDM Tool Marker Vise (STAINLESS)</p>  <p>VSTV-150W</p>
<p>B15 EDM Tool Maker Vise</p>  <p>VSTV-320W</p>	<p>B16 EDM Wire (BRASS & COPPER)</p>  <p>VEW-</p>	<p>B17 Wire Dies Guide</p> 	<p>B18 Electrode (Copper & Brass Pipe Electrode)</p>  <p>VEB-</p>	<p>B18 EDM Filter For EDM (Oil)</p>  <p>NH-</p>
<p>B19 Tangimatic Dresser</p>  <p>V-TDA</p>	<p>B19 Tangimatic Dresser Handy Type</p>  <p>V-TDH</p>	<p>B19 Radius And Angle Dresser</p>  <p>V-TDB</p>	<p>B20 Universal Wheel Dresser</p>  <p>V-TDC</p>	<p>B21 Precision duplex Dresser</p>  <p>V-TDF</p>



<p>B21 Radius And Angle Dresser</p>  <p>V-TDG</p>	<p>B21 Radius And Angle Dresser</p>  <p>V-TDE</p>	<p>B22 Optical Radius Angle Dresser</p>  <p>V-TDT</p>	<p>B22 Matco Sine Dresser</p>  <p>VP-50</p>	<p>B22 Matco Sine Dresser</p>  <p>V-50D</p>
<p>B23 Diamond Wheel Dresser</p>  <p>V-TDD</p>	<p>B23 Motor type CBN Flat Wheel Dresser</p>  <p>V-TDM</p>	<p>B23 Wheel Hanger</p>  <p>VWH-</p>	<p>B23 Grinding Wheel Flang</p>  <p>FKT-250,FTA-350</p>	<p>B24 Wheel Balancing Stand</p>  <p>WBS-300</p>
<p>B24 Level Balancing Stand</p>  <p>LBS-</p>	<p>B24 Driving Carrier</p>  <p>VDC-</p>	<p>B25 Sine Plates</p>  <p>V-47~</p>	<p>B25 Compound Sine Plate</p>  <p>V-47S~</p>	<p>B26 Magnetic Sine Plate</p>  <p>V-47M~</p>
<p>B26 Magnetic Sine Plate With Fine Pole</p>  <p>V-47MF~</p>	<p>B27 Ajustable Sine Plate With Fine Pole Magnetic Chuck</p>  <p>V-66SA</p>	<p>B27 double Way Sine Plate With Permanent Magnetic Chuck</p>  <p>V-47MS</p>	<p>B27 Double Way Sine Plate With Fine Pole Magnetic Chuck</p>  <p>V-47MSF</p>	<p>B28 Rotary Permanent Magnetic Plate</p>  <p>VLU-</p>
<p>B28 Rotary Fine Pole Permanent Magnetic Plate</p>  <p>VLU-</p>	<p>B28 Hi-Power Mini Type Permanent Magnetic Plate</p>  <p>VG-</p>	<p>B29 Angular Permanent Magnetic Plate</p>  <p>VG-</p>	<p>B29 Middle Pitch Permanent Magnetic Chuck</p>  <p>VGF-</p>	<p>B30 Fine Pole Magnetic Plate</p>  <p>VRTW-</p>
<p>B30 Round Type Magnetic Plate</p>  <p>VGD-</p>	<p>B30 Fine Pole Round Type Magnetic Plate</p>  <p>VGDW-</p>	<p>B31 Permanent-Electro Magnetic Chuck</p>  <p>VPE- NEW</p>	<p>B33 Permanent Magnetic Lifter (ON/OFF Type)</p>  <p>VML-</p>	<p>B35 Standard Pole Electro Magnetic Chuck</p>  <p>VEM-</p>
<p>B35 Super-Powerful Electric Magnetic Chuckl</p>  <p>VEM-</p>	<p>B36 Chuck Controller (For Rectify & Denagnetize)</p>  <p>VCC-705</p>	<p>B36 Chuck Controller (For Rectify & Denagnetize)</p>  <p>VCC-805A,815</p>	<p>B36 Chuck Controller (For Rectify & Denagnetize)</p>  <p>VCC-820</p>	<p>B36 Variable Speed Rotary Magnetic Chuck</p>  <p>VRM-</p>
<p>B37 Magnetic Lifter</p>  <p>VGP-</p>	<p>B37 Magnetic Lifter</p>  <p>VML-</p>	<p>B38 Magnetic Transisting Block</p>  <p>VCP-</p>	<p>B38 Magnetic Transisting Block Set</p>  <p>VCP-6</p>	<p>B38 Magnetic Adjustable Link</p>  <p>VCP-5</p>



<p>B39 Magnetic Steel Sheet Separator</p>  <p>VCP-10,11</p>	<p>B39 Magnetic Chip Collector</p>  <p>VCP-15</p>	<p>B39 Magnetic Separating Bar Unit</p>  <p>VMS-7B,9B</p>	<p>B40 Demagnetizer</p>  <p>VDM-40</p>	<p>B40 Demagnetizer</p>  <p>VDM-50</p>
<p>B40 Demagnetizer</p>  <p>VDM-68</p>	<p>B41 Demagnetizer</p>  <p>VDM-8,11</p>	<p>B41 Mini Type Demagnetizer</p>  <p>VDM-9</p>	<p>B41 Tunnel type Demagnetizer And Magnetizer</p>  <p>VDM-</p>	<p>B42 Chip collector Mini Handy Type</p>  <p>VCC-16</p>
<p>B42 Chip Collector With Adjustable Arm Type</p>  <p>VCC-17A</p>	<p>B42 Chip Collector With Wheels</p>  <p>VCC-19</p>	<p>B42 Chip Collector With Flexible Arm</p>  <p>VCC-20</p>	<p>B42 Chip Collector With LED</p>  <p>VCC-21</p>	<p>B43 Magnetic V Block</p>  <p>VCP-25</p>
<p>B43 Magnetic V Block</p>  <p>VCP-26,27</p>	<p>B43 Magnetic V Block</p>  <p>VCP-29,30</p>	<p>B43 Magnetic Square Block</p>  <p>VCP-31,32</p>	<p>B44 Magnetic Tools</p>  <p>VMB-</p>	<p>B44 Magnetic Tools</p>  <p>VMB-</p>
<p>B45 Magnetic Tools</p>  <p>VMB-VML-</p>	<p>B45 Magnetic Tools</p>  <p>VMB-</p>	<p>B46 Magnetic Tools</p>  <p>VMF-VMS-</p>	<p>B46 Magnetic Tools</p>  <p>VMH-</p>	<p>B47 Multi-Function Mist Coolant System</p>  <p>VCS-500</p>
<p>B47 Mist Coolant With Magnetic Base</p>  <p>VMH-71</p>	<p>B47 Diamond Dressing Tools</p>  <p>VDR-10, 33, 50</p>	<p>B48 Adjustable Magnetic Nozzle Kit</p>  <p>CL-</p>	<p>B49 Adjustable Coolant Hoses & Valves</p>  <p>VHK-</p>	<p>B50 1/4" System</p> 
<p>B51 1/8" System</p> 	<p>B52 3/8" System</p> 	<p>B53 Paper Filter</p>  <p>PF-</p>	<p>B53 Magnetic Separator</p>  <p>MC-</p>	<p>B54 Magnetic Separator & Paper Filter</p>  <p>MC+PF-</p>
<p>B55 Coolant Tank</p>  <p>VC-601</p>	<p>B55 Dust Collector</p>  <p>VC-602</p>	<p>B55 Dust-Suction And Coolant Tank</p>  <p>VC-603</p>	<p>B55 Dust-Suction & Coolant Tank W/Magnetic Separator</p>  <p>VC-606</p>	<p>B56 Oil Skimmer With Belt Type</p>  <p>VOS-800,810</p>



<p>B56 Oil Skimmer With Belt Type</p>  <p>VOS-820,830</p>	<p>B56 Oil Skimmer With Rotary Plate Type</p>  <p>VOS-850</p>	<p>B57 Precision Gauge Blocks</p>  <p>VGB-</p>	<p>B58 Ceramic Gauge Blocks</p>  <p>VGB-</p>	<p>B59 Cast Iron Surface Plates</p>  <p>VS-</p>
<p>B59 Black Granite Surface Plates</p>  <p>VSG-</p>	<p>B60 Granite Square Rulers</p>  <p>VQR-400,500</p>	<p>B60 Granite Straight Rulers</p>  <p>VSR-630,1000</p>	<p>B60 Granite Triangle Ruler</p>  <p>VGT-</p>	<p>B60 Granite V-Block</p>  <p>VG-63,100</p>
<p>B60 Horizontal Leveling Instrument</p>  <p>VLI-200A,300A</p>	<p>B60 Precision Square Level</p>  <p>VSL-200A,300A</p>	<p>B61 Granite Surface Stand</p>  <p>VH-45-47</p>	<p>B61 Cylindrical Squares Steel</p>  <p>VCS-300,400</p>	<p>B61 Horizontal Leveling Instrument</p>  <p>VLI-</p>
<p>B61 Precision Square Level</p>  <p>VSL-</p>	<p>B61 Cleaning Paper</p>  <p>P-1000</p>	<p>B62 Concentric Test Stand</p>  <p>VCI-</p>	<p>B62 Concentric Test Stand</p>  <p>VCI-</p>	<p>B62 Fixed Speed Punch Former</p>  <p>V-PS-80M</p>
<p>B62 Pin Gauge</p>  <p>VPG-</p>	<p>B63 Thread Size & Depth Gauge</p>  <p>VSD-</p>	<p>B63 Precision Vernier Caliper</p>  <p>VVC-6"-12"</p>	<p>B63 Digital Electronic Caliper</p>  <p>VEC-6"-12"</p>	<p>B63 Dial Caliper</p>  <p>VDC-6-12</p>
<p>B63 Outside Micrometer</p>  <p>VOM-</p>	<p>B63 Inside Micrometer</p>  <p>VIM-</p>	<p>B64 Dial Indicator</p>  <p>VDI-1</p>	<p>B64 Dial Test Indicator</p>  <p>VDI-0.8A</p>	<p>B64 Height Vernier Caliper</p>  <p>VHG-12-24</p>
<p>B64 Height Dial Caliper</p>  <p>VHD-12,24</p>	<p>B64 Micrometer Stand</p>  <p>VH-19</p>	<p>B64 Micrometer Stand</p>  <p>VH-19</p>	<p>B64 Measuring Tool Kits</p>  <p>VVC-20</p>	<p>B65 Angle Level</p>  <p>VAL-</p>



C01 ER Spring Collet Chuck System

C02 ER Spring Collet Chuck System

ER-

C04 ER Spring Collet Chuck System

C06 ER Spring Collet Chuck System

C08 ER-GB Top Collets

C09 Collet Chuck Kit With ISO Taper Shank

V-101~226

C10 Extended Collet Holder With ISO Shank

V-231~250

C11 Collet Holders With R-8 Shank

V-301~318

C12 Collet Holders With Morse Taper Shank

V-401~437

C13 Collet Holders With Straight Shank

V-501~530

C14 Collet Holders With Straight Shank

V-601~684

C15 MiniType Straight Shank Holder

V-551~698

C16 Clamping Nuts For Collets

V-800~810

C17 Clamping Wrench For Collets

V-811~824

C18 Collet Holders With BT Taper Shank

V-700~727

C19 Collet Holders With BT Extension Type BT Taper Shank ER-16,ER-20

V-733~779

C20 Collet Chuck Kit With BT Taper Shank

C21 ST/ER Straight Shank With Double Head Spindle

V-830~837

C21 ST/ER Straight Shank With Single Head Spindle

V-841~848

C22 ER-SK Taper Shank

V-741~763

C23 Collet Holder With CAT-Shank

V-870~890

C24 Milling Chuck

VB-

C25 DIN 6388 Collet For Milling Chuck

OZ-

C26 DIN 6388 Nuts & Wrench

OZ-

C27 OZ-25 Collet Holder With BT-Shank

VB-

C28 Collet Holder With BT-Shank OZ-32 MAS 403

VB-

C29 Collet Holder With ISO-Shank OZ-32

VB-

C30 Collet Holder With DIN 69871A & Cat Type

VB-261~291

C31 Posi-Lock Milling Collet Chuck

VC

C32 Multi-Lock Milling Chuck

VB-431~452

C33 Multi-Lock Milling Chuck

VB

C34 C-20,25,32,42 Collet

C34 C-20,25,32,42 Wrenchs

C35 Quick-Change Tooling System

VD

C36 TG 100 Collet System

TG10

C37 5C Collet System

5C

C37 R8 Collet System

R8

C38 U2 Collet System

VE

C38 MT3 Collet System

MT3

C38 Drill Chucks Arbor

VJ



C39 Morse Taper Sleeve
VQ

C39 Morse Taper Extension Sockets
VQ

C39 R8 With Morse Taper Sleeve
VQ-122,123

C40 Face Mill Arbor
VF-101-137

C41 Morse Taper Adapter
VI-101-111,VI-131-138

C41 Jacobs Taper Drill Chuck Arbor
VJ-103,106,109

C41 Tang For Morse Taper Shank
VMT-

C42 Right Angle Heads For Machining Center
VHA

C42 Oil-Feed Holder / Slo
OC,BT

C43 Face Mill Arbor
BT-101-121
BT-150-166

C44 Drill Chuck Holder / APU
BT-180-188

C44 Morse Taper Adaptor
BT

C44 Jacobs Taper Arbor
BT

C44 Lever Checking Holders
WELTON TYPE
BT40-M8,BT50-M8

C44 Test Arbor
A30,40,50

C45 Sidelock End Mill Holder
BT

C46 Pull Studs BT30,40,50
BT-501-512

C46 Pull Studs BT40,50
BT-516-521

C47 Pull Studs DIN 69872, A Type
BT-522

C47 Pull Studs ISO-A Type And B Type
BT-529-532

C48 Pull Studs
BT-533-548

C49 Complete NC Tooling Set
VBT

C50 Complete NC Tooling Set

C52 Face Mill Holder
SK-112-120

C52 Morse Taper Holder-DIN 6383
SK-214-220

C53 Sidelock End Mill Holder
SK-417-431

C53 Drill Chuck Holder / APU
SK-509-514

C54 Face Mill Holder
CAT

C54 Side Lock Holders
CAT

C54 Morse Taper Holders
CAT

C55 HSK-A63(DIN-69893) Tool Holder
HSK-A63

C55 HSK-A63(DIN69893A) ER Collet Chucks
HSK

C55 HSK-A63(DIN69893A) OZ Collet Chucks
HSK

C56 HSK-A63 Morse Taper Holders
HSK

C56 HSK-A63 Face Mill Holders
HSK

C56 HSK-A63 Face Mill Holders
HSK

C57 DC High Speed slim Chuck System
BT

C57 Slim Collet Chuck With Double Face Contact
BTD

C58 MAS BT30/40 Collet Chuck
BT

C58 Cylindrical Shank Of DC Slim Chuck
BT



<p>C58 Set Of DC Collets And Collet Chuck</p>	<p>C59 Small Collet Of Slim Collet Chuck</p> <p>DC6</p>	<p>C59 Collet For End Mill Shank</p> <p>DC6-3E,4E,6E</p>	<p>C60 High Speed Chuck</p>	<p>C61 SK Spring Collet System</p> <p>SK</p>
<p>C63 BT-SK Collet Chuck System</p> <p>SKB-201~233</p>	<p>C63 Set Of SK Collet And MAS BT Chuck</p> <p>SKB-301~315</p>	<p>C64 ST-SK Straight Chuck</p> <p>SKS-210~214</p>	<p>C64 Set Of SK Collet And Straight Chuck</p> <p>SKS-231~234</p>	<p>C64 SK Nut And Wrench</p> <p>SKN,SKW</p>
<p>C65 ER Collet Chuck System</p> <p>BT30,40</p>	<p>C65 INT Type Keyless Drill Chucks</p> <p>INT-</p>	<p>C66 3D-Taster</p> <p>V-3D</p>	<p>C66 Integrated Type Keyless Drill Chucks</p> <p>INT-</p>	<p>C66 Integrated Type Keyless Drill Chucks</p> <p>BT40,SK40</p>
<p>C67 Integrated Type Keyless Drill Chucks</p> <p>INT-</p>	<p>C69 Keyless Drill Chucks</p> <p>TYPE:XHSP</p>	<p>C69 Keyless Drill Chucks</p> <p>TYPE:H</p>	<p>C69 Keyless Drill Chucks</p> <p>TYPE:S</p>	<p>C69 Keys</p>
<p>C70 Key Type Drill Chucks</p> <p>TYPE:G</p>	<p>C70 Ball Bearing Key Type Super Chucks</p> <p>TYPE:H</p>	<p>C71 Key Type Drill Chucks</p>	<p>C72 Powerful Integrated Drill Chucks</p> <p>PNT-</p>	<p>C73 Modular Boring Systems</p>
<p>C73 Taper Shank For Boring Heads Series BST,VBK</p>	<p>C74 Large Diameter Twin-Bit Rough Boring</p>	<p>C75 Large Diameter Finish Boring Head</p>	<p>C76 Indexable Twin-Bit Rough boring Head RBH</p>	<p>C77 Taper Shank For Boring Heads Series BST,VBK</p>
<p>C77 Extension (Reduced)</p>	<p>C77 Extension (Constant Diameter)</p>	<p>C78 Indexable Twin-Bit Rough Boring Head RBH-LA</p>	<p>C78 FBH Finish Boring Head</p>	<p>C79 FBH Finish Boring Head</p>
<p>C79 Small diameter Boring Head CBI4</p>	<p>C80 Carbide tool Holder</p>	<p>C80 Insert Holder For Carbide Tool Holder</p>	<p>C80 RBH Indexable Twin-Bit Rough Boring Head</p>	<p>C80 Indexable Twin-Bit Rough Boring Head RBH-LA</p>



<p>C80 Large Diameter Modular Rough Boring Head With Diameter Over Ø200mm</p> <p>VBHD-</p>	<p>C81 Precision finish Boring Head Sets</p> <p>NEW</p> <p>VBHE-</p>	<p>C82 Precision finish Boring Head Sets</p> <p>NEW</p> <p>VBHE-</p>	<p>C83 High Precision Boring Head Set</p> <p>NEW</p> <p>VBH620-</p>	<p>C84 High Precision Boring Head Set</p> <p>NEW</p> <p>VBH2084-</p>
<p>C85 Universal boring And Facing Master Hand</p> <p>VBHU-</p>	<p>C86 Interchangeable Shanks</p> <p>VBH-</p>	<p>C87 Boring Head Sets</p> <p>VBH-</p>	<p>C88 Boring Head Set C-Type</p> <p>VBHC-</p>	<p>C88 Boring Head Shank C-Type</p> <p>VBH-</p>
<p>C89 C-Type Boring Head</p> <p>VBC-2,3</p>	<p>C90 Touch Point Sensor</p> <p>VPS-20B,32B</p>	<p>C90 Touch Point Sensor</p> <p>VPS-20,32</p>	<p>C91 Touch Point Sensor</p> <p>VPS-201,201C</p>	<p>C91 Touch Point Sensor</p> <p>VPS-401,401C</p>
<p>C92 Touch Point Sensor</p> <p>VPS-301,302,301C</p>	<p>C92 Centering Indicator</p> <p>VCI-170</p>	<p>C93 Height Presetter</p> <p>HP-50Z,50ZM</p>	<p>C93 Height Presetter (For Machining Center)</p> <p>HP-100</p>	<p>C94 Z-Zero-Setter</p> <p>HP-50A,50B,50AM,50BM</p>
<p>C94 Electronic Tool Length Setter</p> <p>HP-50EM,100EM</p>	<p>C95 Reversible Tapping Attachment For Drilling & Milling Machine</p> <p>VTA-13,16</p>	<p>C95 Tap Chuck Series</p> <p>VTA-13,16</p>	<p>C95 Drill Tapper</p> <p>VDT-33</p>	<p>C96 Reversible Tapping Attachments</p> <p>VTA7-</p>
<p>C97 Tap Chuck</p> <p>VTA-35000,35002</p>	<p>C97 Expansible Tapping Holder</p> <p>VET</p>	<p>C98 Expansible Tapping Holder</p> <p>VET</p>	<p>C99 Quick Change Tapping Chucks</p> <p>VQT-</p>	<p>C100 Quick Change Tapping Chucks</p> <p>VQT-</p>
<p>C101 Quick Change Tapping Chucks</p> <p>TC-320,820,1433-</p>	<p>C103 Quick Change Tapping Chucks</p> <p>VQT-</p>	<p>C104</p> <p>Tap Shank Dimensions</p>	<p>C105 Mini Type Arm Type Air Tapping Unit</p> <p>VAT-</p>	<p>C105 Small Arm Type Air Tapping Unit</p> <p>VAT-</p>
<p>C106 Arm Type Air Tapping Unit</p> <p>VAT-</p>	<p>C107 Air Tapping Unit</p> <p>VAT-</p>	<p>C107 Air Tapping Spindle</p> <p>VAT-SP</p>	<p>C107 Parallel Arm For Air Tapping Unit</p> <p>VAT-ARM</p>	<p>C108 Adjustable Angle Head For Air Tapping Unit</p> <p>VAT-</p>



<p>C108 Magnetic Base For Air Tapping Unit</p>  <p>VLM-300A,600A</p>	<p>C108 Tapping Collet Adapter</p> 	<p>C109 Mist Coolant System For Air Tapping Unit</p>  <p>VAC-08</p>	<p>C109 Collet Rack For Air Tapping Unit</p>  <p>VCR-08</p>	<p>C109 Working Table</p>  <p>VAT-912T NEW</p>
<p>C110 Deluxe Type tool Setting Stand</p>  <p>VTD-</p>	<p>C110 Simple type Tool Setting Stand</p>  <p>VTS-</p>	<p>C111 Tool Holder Locking Device</p>  <p>VTG-</p>	<p>C111 Tool Holder Locking Device</p>  <p>VTL-</p>	<p>C111 Tool Holder Locking Fixtures</p>  <p>VTL-</p>
<p>C112 End Mill Sheath Rack</p>  <p>VMS-2</p>	<p>C112 Spindle Taper Wiper</p>  <p>VTW-</p>	<p>C112 Spindle Taper Wiper</p>  <p>VTW-</p>	<p>C112 Tooling Carts</p>  <p>VTT NEW</p>	<p>C113 Tooling Trolleys</p>  <p>VTT-2,5,6</p>
<p>C113 Tooling Sheath Rack</p>  <p>VTTR-</p>	<p>C113 Tooling Sheath</p>  <p>VTTS-</p>	<p>C114 Tool Presetter</p>  <p>TP-3040E</p>	<p>C114 Tool Presetter</p>  <p>TP-3040</p>	<p>C115 Tool Cabinet</p>  <p>VTC-23,25</p>
<p>C115 Tooling Trolleys</p>  <p>VTC-100 NEW</p>	<p>C116 Parts Cabinet</p>  <p>VA6-</p>	<p>C116 Tool Box</p>  <p>VTB-102,901</p>	<p>C117 Standard</p> 	<p>C117 Drill Chuck Taper</p> 



<p>D01 NC-Rotary Table</p>  <p>VNCM-</p>	<p>D03 NC-Rotary Table</p>  <p>VNCM-</p>	<p>D04 NC-Rotary Table</p>  <p>VNCX-10</p>	<p>D05 NC-Rotary Table</p> 	<p>D05 NC-Rotary Table</p> 
<p>D05 NC-Rotary Table</p> 	<p>D05 NC-Rotary Table</p> 	<p>D06 Tailstock For NC Rotary Table</p>  <p>TS-</p>	<p>D07 MC Power vise</p>  <p>VQC- NEW</p>	<p>D11 Base Plate Series</p>  <p>TBP-</p>

D SERIES MACHINING CENTER ACCESSORIES



D11 Base Plate Series

SBP-

D11 Base Plate Series

HBP-

D12 M/C Angle Plate 90°

BP20-

D12 M/C Angle Plate 90°

BP22-

D13 M/C Clamping Cube

BP07-

D14 Angular Hollow Block 45°

BC45-

D14 Angular Hollow Block 30°

BC30-

D15 Flexible Line Up Vice

VFS-

D17 Flexible Line Up Vice

VFL-

D19 Oil Mist Cleaner

VOM- **NEW**

E SERIES LATHE MACHINE ACCESSORIES



E01 Light Duty Live Center

VPC-

E01 Live Lathe Center

VLC-

E02 High-Speed NC Live Center

VLC-

E02 High-load NC Live Center

VFC-

E03 Inter-Changeable Points Live Center

VLC-

E03 High-Speed NC Interchangeable Points Live Center

VCS-

E04 High-Load Interchangeable Points Live Center

VCP-

E04 Bull Nose Center

VLC-

E05 Lathe Centers

VLC-

E05 Work-Driving Center

VDC-

E05 Work-Driving Center-Changeable Tips

VDC-30-MT4

E06 3 Jaw Self Centering Chuck

VSC-

E06 3 Jaw Powerful Self Centering Chuck

VSK-

E07 4 Jaw Self Centering Chucks

VPS-

E07 4 Jaw Self Centering Chucks

VPS-

E08 DIN-Type 3-Jaw Self-Centering Chucks

VSC-

E08 4 Jaw Independent Chuck Plain Back

VKC-

E09 3 Jaw Scroll Chuck

VSC-

E09 3 Jaw Powerful Scroll Chuck

VSK-

E10 Machining Jaw Chuck

VMJ-

E10 Super Thin Chucks

VNBK-

E11 Soft Jaw For SK-Type Chuck

VSJ-6~16

E12 Soft Jaw Hydraulic Power Chucks

VHC-5-15

E13 Soft Jaw Forming Ring

VFR-

E13 Hard Jaw For Hydraulic Power Chucks

HJ-



E14 3-Jaw Wedge Type Through-Hole Power Chuck
N-205A4~

E15 2-Jaw Wedge Type Through-Hole Power Chuck
NT205~

E16 3-Jaw Wedge Type Non Through-Hole Power Chuck
V-206A5

E17 Super High Speed Through Hole Rotary Hydraulic Cylinder
M1036~

E18 Non Through Hole Rotary Hydraulic Cylinder
MS105~

E18 4-Jaw Wedge Type Through-Hole Power Chuck
VNIT-208~

E18 6-Jaw Awl Type Chucks
VAS-4,6

E19 Lathe collet
C- **NEW**

E21 Tool Post Grinder ON Lathe
VGR-

E25 Axial Drilling And Milling Heads
VDI-

E26 Axial Drilling And Milling Heads
VDI-

E28 Axial Drilling And Milling Heads
VDI-

E29 Axial Drilling And Milling Heads
VDI-

E32 Axial Drilling And Milling Heads
VDI-

E33 Axial Drilling And Milling Heads
VDI-

E35 Axial Drilling And Milling Heads-For"Baruffaldi" Type
VDI-

E36 Axial Drilling And Milling Heads-For"Baruffaldi" Type
VDI-

E39 Axial Drilling And Milling Heads-For"Duplomatic" Type
VDI-

E40 Axial Drilling And Milling Heads-For"Duplomatic" Type
VDI-

E42 Radial Static Holders
VDI-

E42 Radial Static Holders
VDI-

E43 Radial Static Holders
VDI-

E43 Radial Static Holders
VDI-

E44 Axial Static Holders
VDI-

E44 Axial Static Holders
VDI-

E45 Combined Static Holders
VDI-

E45 Combined Static Holders
VDI-

E46 Combined Static Holders
VDI-

E46 Static Holders
VDI-

E47 Static Holders
VDI-

E47 Static Holders
VDI-

E48 Static Holders
VDI-

E48 Static Holders
VDI-

E49 Static Holders
VDI-

E49 Axial Static Holders
VDI-

E49 Axial Static Holders
VDI-

E50 Reducing Sleeves
VDI-

E51 Reducing Sleeves
VDI-

E51 Test Mandrel
VDI-

E52 H Type Milling Drilling Head
VDI-



E53 H Type Milling & Drilling Head

E53 V Type Milling & Drilling Head

E56 Forward Turning Holder RH

E57 Reverse Turning Holder LH

E57 Double Turning Holder

E58 Boring Bar Holder

E59 Double Boring Bar Holder

E59 U Drill Holder

E60 Facing Holder RH

E61 Quick Change Tool Post & Holders

NEW

VTP-

E62 Individually Piece Italian Style

NEW

VTP-

E63 Quick Change Tool Post & Holders

NEW

VTP-

E64 Quick Change Tool Post & Holders

NEW

VTP-



FSERIES **CUTTING TOOL**

F01 Face Milling Cutter 45°

SE545-,SE445-

F01 Face Milling Cutter 65°

SP535-,SP435

F02 Face Milling Cutter 75°

FP-

F02 Face Milling Cutter 90°

TP-

F03 Round Insert Milling Cutter

RM-

F03 Shoulder End Mills

SAE-

F04 Round Insert End Mills

F04 Drilling & Milling Cutter

F05 High Speed Shoulder Mills

F05 Ball End Mills

F05 High-Speed Rough End Mills

VAPX-

F06 CAP400R High Speed Shoulder Mills

CAP400R-

F06 CRT Round Insert End Mills

CRT-

F06 Face End Mills

F06 Shoulder Face Milling Cutter

TPS-

F07 45° Chamfering End Mills

TC12

F07 45° Chamfering End Mills

VCE-

F07 T-Slot End Mills

VTE-

F08 Side Milling Cutter

VSM-

F08 Cutting Holders

F08 Cutting Blocks

SUB20,25

F09 Power Super Dill 2D

VCD-

F09 Power Super Dill 3D

VCD-

F10 Tool Holders

F11 Tool Holders



F12 Tool Holders

F13 Tool Holders

F14 Boring Bars

F15 Boring Bars

F17 Insert For Face Mill Cutter

F18 Solid Carbide End Mills For<48HRC

VE112,122,125

F19 Solid Carbide End Mills For<48HRC

VE114,124,126

F20 Solid Carbide Ball Nose End Mills For<48HRC

VB221,222,232

F21 Solid Carbide End Mills For<68HRC

VE166,167

F21 4 Flute Carbide End Mill Set VE124-B
12 PCS/SET In Wooden Box

NEW

VE124-B

F21 4 Flute Carbide End Mill Set VE124
18 PCS/SET In Wooden Box

NEW

VE124-A

F21 2 Flute Carbide Ball Nose End Mill Set
VB222 9 PCS/SET In Wooden Box

NEW

VB222-A

F22 Solid Carbide NC/CNC Spot Drills

VD903,904,913,914

F23 Finishing End Mills<56HRC

VE164,165

F24 Ball Nose End Mills<56HRC

VB262,263

F25 Machine Reamers In Steps Of 0.5mm

VR301-

F26 Machine Reamers Carbide Tipped

VR303-

F27 Universal End Mills

VE133,135

F28 Universal End Mills

VEA72,82

F29 Finishing End Mills

VEA74,84

F30 Ball Nose End Mills

VBB12,80

F30 End Mills With Corner Radius

VB625

F31 End Mills For Aluminium

VEA92

F31 Finishing End Mills

VEC40,VED40

F32 Ball Nose End Mills

VBB61-

F32 Roughing End Mills

VFF08,09

F33 Twist Drills

VDD12-

F34 Twist Drills

VDD13-

F35 High Performance Drills

VDD30-

F36 High Performance Drills

VDD31-

F37 High Performance Drills

VDD32-

F38 Combined Drill And Countersink

VDT08-

F38 Machine Reamers Long Length

VRC02-

F39 Hand Reamers-HSS

VHM-

F39 Adjustable Reamers

VAR-

F40 Outside Radius Shape End Mills

VCR-

F40 Counterbore End Mills

VCB-

F41 Metal Slitting Saws

VSS



<p>G01 Shock Absorber</p> <p>TK-</p>	<p>G01 Shock Absorber</p> <p>SB-</p>	<p>G01 Shock Absorber</p> <p>SC-</p>	<p>G01 Shock Absorber</p> <p>SY-</p>	<p>G02 Arbor Press</p> <p>VAR-</p>
<p>G02 Arbor Press</p> <p>VARR-</p>	<p>G02 Flat End Movable Handle</p> <p>VFE-</p>	<p>G02 Ellipse Movable Handle</p> <p>VEM-</p>	<p>G03 Ball Knobs</p> <p>VKB-</p>	<p>G03 Hand Knobs</p> <p>VKB-</p>
<p>G03 Adjustable Hand Levers</p> <p>VAH-</p>	<p>G03 Adjustable Hand Levers</p> <p>VAH-</p>	<p>G03 Revolving Handles</p> <p>VRL-</p>	<p>G04 Ball Crank Handle</p> <p>VBK-</p>	<p>G04 360° Swivelling Lock Handle</p> <p>VSA-VSB-</p>
<p>G04 Lifting Eye Bolts</p> <p>VLE-</p>	<p>G04 Ball Plugger Screw-socket & Slotted</p> <p>VBS-</p>	<p>G04 PU-Hammer Series</p> <p>VHM-</p>	<p>G05 Universal Drill & Cutter Grinder</p> <p>VDG-32N</p>	<p>G05 Horizontal Band Saws</p> <p>HBS-7</p>
<p>G05 Horizontal Band Saws</p> <p>HBS-7CE</p>	<p>G06 Multi-Purpose Milling & Drilling Machine</p> <p>MD-30N,30B</p>	<p>G07 All Geared Head Drill Press</p> <p>GMB-</p>	<p>G08 Vertical Band Sawing Machine</p> <p>Y-310-500</p>	<p>G09 Air Die Tool</p> <p>VAG-</p>
<p>G10 Air Die Tool</p> <p>VAG-</p>	<p>G11 Air Die Tool</p> <p>VAG-</p>	<p>G12 Abrasive Mounted Point & Wheel For Air Tool</p> <p>WA-WF-WR-WE-</p>	<p>G12 Diamond Tools For Air Tool</p> <p>WG-30D</p>	<p>G13 Magnetic De-Burring & Polishing Machine</p> <p>VDB-</p>
<p>G14 Magnetic De-Burring & Polishing Machine</p>	<p>G15 Precision Drill Grinder</p> <p>VDG-13A, 20, 25A</p>	<p>G17 Left Hand Drill Grinder</p> <p>VDG-13L</p>	<p>G18 Sheet Metal Drill Grinder</p> <p>VDG-13S</p>	<p>G19 Precision End Mill Grinder</p> <p>VEG-13A, 25A</p>
<p>G23 Mini Weight Scales</p> <p>VCU-</p>	<p>G23 Light Weight Table Scales</p> <p>VCU-</p>	<p>G23 Platform Scales</p> <p>VCU-</p>	<p>G24 Quick Long Distance Clamping Vise</p> <p>VLO-100</p>	