MC Compact Vise

**VAX125**

**Compact Vise with versatile clamping for 5-axis machines**

**Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>Total height (mm)</th>
<th>Full width (mm)</th>
<th>Full length (mm)</th>
<th>Max. clamping force (kN)</th>
<th>Mass (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAX125</td>
<td>100</td>
<td>154</td>
<td>256</td>
<td>40</td>
<td>17</td>
</tr>
</tbody>
</table>

**Features**

- Secure and accurate clamping!
  Max. clamping torque 40kN allows a wide variety of materials to be held.

- Optional Jaws and Clamping Inserts!
  3 jaws and 2 clamping insert types are available to accommodate various workpieces.

- Suitable for various applications!
  Compact body design allows assembly to a variety of 3 to 5-axis machines.

KITAGAWA can offer the complete workholding solution by combining VAX125 with NC Rotary Table.

**Clamping Example**

- Workpiece
  Material: SCM420H  Diameter: 225mm

**Notes**

- Specifications and outside appearance are subject to change without notice due to ongoing research and development.
- The colour of the actual product may be different from the catalogue due to printing matters.
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KITAGAWA IRON WORKS CO., LTD.
77-1 Motomachi, Fuchu-shi, Hiroshima-ken, 726-8610, Japan
TEL +81 847-40-0526  FAX +81 847-45-8911

Website: [http://www.mta.kiw.co.jp/](http://www.mta.kiw.co.jp/)

Kitagawa Machine Tool Accessories
**MC Compact Vise**

**VAX125**

**Body Material**
Casting

**Standard Accessories**
- Mounting Bolt (M12 x 35)
- Torque Wrench
- Socket Screw Wrench (3 sizes)

**Option**
- 9 clamping ways are available by only 1 VAX125 with the combinations of inserts and jaws!
- Optimum clamping way can be found for various workpieces!

**Combination Example**

- **Pointed Insert Clamping**
  - Pointed Insert (4 pcs.)
  - Support Jaw (Fixed, Movable)
  - Square Workpiece
  - W70mm x L26mm
  - W150mm x L184mm

- **Flat Insert Clamping**
  - Flat Insert (4 pcs.)
  - Support Jaw (Fixed, Movable)
  - Square Workpiece
  - W70mm x L30mm
  - W150mm x L188mm

- **64mm Width Jaw Clamping**
  - 64mm Width Jaw (Fixed, Movable)
  - Insert (Pointed, Flat, Round)
  - 64mm Width Jaw: 59mm, 61mm, 65mm
  - 64mm Width Jaw: 137mm, 132mm, 120mm

- **Round Insert Clamping**
  - Round Insert x 4 pcs.
  - Support Jaw (Fixed, Movable)
  - Square Workpiece
  - W70mm x L18mm
  - W150mm x L176mm

- **Step Jaw Clamping**
  - Step Jaw (Fixed, Movable)
  - Insert (Pointed, Flat, Round)
  - 64mm Width Jaw: 59mm, 61mm, 65mm
  - 64mm Width Jaw: 137mm, 132mm, 120mm

- **Universal Clamp Set Clamping**
  - Universal Jaw (Fixed, Movable)
  - Universal Clamp Set
  - Square Workpiece
  - W90mm x L23mm
  - W165mm x L125mm

**Dimensions**
- Support Jaw: 40mm dia.
- 64mm Width Jaw: 60mm dia.
- Round Jaw: 60mm dia.

**Notes**
- The material of all jaws is hardened steel.
- All the jaw fixed and the jaw movable should be purchased separately.
- The material of all inserts is hardened steel.