VEKTEK VISE

by GERARDI

The Ultimate Machining Vise
Modular and Interchangeable

STEEL PULL DOWN ACCURATE

HRc 60

within 0.0008"

800-992-0236
sales@vektek.com
www.vektek.com

VEKTEK VISE

by GERARDI
Standard Vise
Precision Modular Vises Series

The most popular!

- All steel construction hardened and ground HRc 60
- Accuracy within 0.0008"
- Gang operation
- Pull down jaws
- Space saving design
- No wear (5 year warranty)
- Unlimited clamping range

Pull-down & Concentric Forces
The screw is on the top portion of the vise to avoid any contortion or jaw bending.

Other vises have screws on the bottom of the vise creating uneven torque in the jaws.

FEATURES

1 VERSATILITY
The prismatic jaw (ordered separately) has a 5mm X 5mm step allowing you to clamp plates and “V” slots to hold round workpieces either vertically or horizontally.

2 HIGHEST ACCURACIES 0.0008”
Solid vise base. Every sliding and coupling surface is ground. Tight tolerances are guaranteed by checking with automated CMMs. Perfect alignment with the machine axis is ensured by longitudinal and cross keyways for easy installation and setup.

3 RIGIDITY AND SAFETY
Both jaw bodies are built in one solid piece to guarantee higher rigidity and no bending. The jaw plates are designed with a pull down angle. During the clamping operation, a downward force is created holding the workpiece against the vise base for precise and safe clamping.

4 JAW HOLES FOR SPECIAL APPLICATIONS
Four extra tapped holes over the jaws for special Vektex stack type jaw application.
### Vise Type

<table>
<thead>
<tr>
<th>Vise Type</th>
<th>Clamp Force</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>25 kN (5620 lbs)</td>
</tr>
<tr>
<td>3</td>
<td>30 kN (6744 lbs)</td>
</tr>
<tr>
<td>4</td>
<td>30 kN (6744 lbs)</td>
</tr>
<tr>
<td>5</td>
<td>40 kN (8992 lbs)</td>
</tr>
</tbody>
</table>

Dimensions are shown in millimeters, inch dimension conversions (X") are for reference and comparison purposes.

<table>
<thead>
<tr>
<th>Jaw Width W</th>
<th>Jaw Height B</th>
<th>Base Length D</th>
<th>Max Opening A</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>125mm (4.92&quot;)</td>
<td>40</td>
<td>345 (13.58&quot;)</td>
<td>150 (5.91&quot;)</td>
<td>12.8kg (28.2 lbs)</td>
</tr>
<tr>
<td>150mm (5.91&quot;)</td>
<td>50</td>
<td>420 (16.54&quot;)</td>
<td>200 (7.87&quot;)</td>
<td>25.5kg (56 lbs)</td>
</tr>
<tr>
<td>175mm (6.89&quot;)</td>
<td>60</td>
<td>520 (20.47&quot;)</td>
<td>300 (11.81&quot;)</td>
<td>29kg (64 lbs)</td>
</tr>
<tr>
<td>200mm (7.87&quot;)</td>
<td>755 (29.72&quot;)</td>
<td>555 (21.85&quot;)</td>
<td>400 (15.75&quot;)</td>
<td>37kg (82 lbs)</td>
</tr>
<tr>
<td>200mm (7.87&quot;)</td>
<td>655 (25.79&quot;)</td>
<td>655 (25.79&quot;)</td>
<td>500 (19.69&quot;)</td>
<td>42kg (93 lbs)</td>
</tr>
<tr>
<td>200mm (7.87&quot;)</td>
<td>755 (29.72&quot;)</td>
<td>555 (21.85&quot;)</td>
<td>600 (23.62&quot;)</td>
<td>52kg (115 lbs)</td>
</tr>
</tbody>
</table>

#### Vektek Introductory Price:

| SALE PRICE | $577 | $617 | $767 | $949 | $1,049 | $1,198 | $1,498 | $1,249 | $1,399 | $1,649 | $2,149 | $2,212 |

#### Magnetic Parallel Plates - FOR CUSTOM Specify Step Height H (mm)

- **PRICE (PAIR)**
  - Model No. V43132000-25: $80
  - Model No. V43133000-25: $100
  - Model No. V43134000-25: $118
  - Model No. V43135000-25: $134

#### Intermediate Movable Jaw - FOR CUSTOM Specify Step Height H (mm)

- **PRICE (EACH)**
  - Model No. V12122000-33: $80
  - Model No. V12123000-43: $100
  - Model No. V12124000-53: $118
  - Model No. V12125000-53: $134

#### Prismatic Movable Jaw

- **PRICE (EACH)**
  - Model No. V22172000: $120
  - Model No. V22173000: $170
  - Model No. V22174000: $230
  - Model No. V22175000: $304

#### Jaw Plate with Standard Hardness Gripper Inserts

- **PRICE (EACH)**
  - Model No. V1242G200-G01: $122
  - Model No. V1242G300-G01: $153
  - Model No. V1242G400-G01: $174
  - Model No. V1242G500-G01: $238

#### Standard Precision Modular Vise with Standard Equipment

- **Model No.** V30210000
  - **PRICE** $577
- **Model No.** V30320000
  - **PRICE** $617
- **Model No.** V30330000
  - **PRICE** $767
- **Model No.** V30420000
  - **PRICE** $949
- **Model No.** V30430000
  - **PRICE** $1,049
- **Model No.** V30440000
  - **PRICE** $1,198
- **Model No.** V30450000
  - **PRICE** $1,498
- **Model No.** V30520000
  - **PRICE** $1,249
- **Model No.** V30530000
  - **PRICE** $1,399
- **Model No.** V30540000
  - **PRICE** $1,649
- **Model No.** V30550000
  - **PRICE** $2,149
- **Model No.** V30560000
  - **PRICE** $2,212

Example: **H (mm)** V43132000-XX

When ordering the above accessories, select the standard H desired and specify after Model No. To receive other than standard offset, specify your desired H dimension after Model No. Dimensions B minus desired Step Offset = H to order.
**FlexVise™**

*Innovative quick change jaw guide system for pull-down jaws*

Same as Standard, PLUS...
- Vertical gang operation
- Great savings in vise resetting times
- Better protection from chips
- Increased and better pull down action
- Highest repositioning accuracy

**FEATURES**
- NO WEAR
- QUICK CLAMPING
- MODULARITY & VERSATILITY
- HIGHEST ACCURACIES 0.0008”
- RIGIDITY & SAFETY
- SPACE SAVING DESIGN

1 **HIGHEST REPOSITIONING ACCURACY**
   With perfect square workpieces.

2 **GREAT SAVINGS IN VISE RESETTING TIMES**
   Thanks to the manual interchangeable quick jaw plate.

3 **PULL DOWN ACTION**
   Guided pull down action thanks to the matching serrated jaws and carriers. Serrations also help prevent entry of chips which can cause mis-alignment.

Positioning and clamping with vise clamps
VEKTEK VISE by GERARDI

Dimensions are shown in millimeters, inch dimension conversions (X”) are for reference and comparison purposes.

Vise Type | Clamp Force
--- | ---
2 | 25 kN (5620 lbs)
3 | 30 kN (6744 lbs)
4 | 30 kN (6744 lbs)
5 | 40 kN (8992 lbs)

<table>
<thead>
<tr>
<th>Vise Type</th>
<th>Clamp Force</th>
<th>Jaw Width W</th>
<th>Max Opening A</th>
<th>Jaw Height B</th>
<th>Base Length D</th>
<th>G</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>25 kN (5620 lbs)</td>
<td>121mm (4.76”)</td>
<td>150 (5.91”)</td>
<td>38</td>
<td>40</td>
<td>95</td>
<td>12.9 kg (28.5 lbs)</td>
</tr>
<tr>
<td>3</td>
<td>30 kN (6744 lbs)</td>
<td>146mm (5.75”)</td>
<td>300 (11.81”)</td>
<td>50</td>
<td>50</td>
<td>125</td>
<td>25.5 kg (56.2 lbs)</td>
</tr>
<tr>
<td>4</td>
<td>30 kN (6744 lbs)</td>
<td>171mm (6.73”)</td>
<td>400 (15.75”)</td>
<td>63</td>
<td>58</td>
<td>145</td>
<td>29 kg (64.0 lbs)</td>
</tr>
<tr>
<td>5</td>
<td>40 kN (8992 lbs)</td>
<td>196mm (7.72”)</td>
<td>500 (19.69”)</td>
<td>70</td>
<td>58</td>
<td>170</td>
<td>37 kg (81.6 lbs)</td>
</tr>
</tbody>
</table>

Vepekt Introductory Price:

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<td>V4230E201</td>
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<td>V4230E301</td>
<td>43</td>
<td>V4230E401</td>
<td>53</td>
<td>V4230E501</td>
<td>53</td>
<td>V4230B201</td>
<td>33</td>
<td>V4230B301</td>
<td>43</td>
<td>V4230B401</td>
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<tr>
<td>V4230F201</td>
<td>33</td>
<td>V4230F301</td>
<td>43</td>
<td>V4230F401</td>
<td>53</td>
<td>V4230F501</td>
<td>53</td>
<td></td>
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</table>

Magnetic Parallel Plates - FOR CUSTOM Specify Step Height H (mm)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>PRICE (PAIR)</td>
<td>$80</td>
<td>$100</td>
<td>$118</td>
<td>$134</td>
<td>$80</td>
<td>$100</td>
<td>$118</td>
<td>$134</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

V43132000-XX

Intermediate Movable Jaw - FOR CUSTOM Specify Step Height H (mm) To be used with magnetic parallel plates

| PRICE (PAIR) | $80 | $100 | $118 | $134 | $80 | $100 | $118 | $134 |

V43132000-XX

V43132000-XX

When ordering the above accessories, select the standard H desired and specify after Model No. To receive other than standard offset, specify your desired H dimension after Model No.

Dimensions B minus desired Step Offset = H to order

Example: H (mm) V43132000-XX
Easy jaw positioning
This detailed illustration shows the gross adjustment locking mechanical support that holds the movable vise jaw security in position. The fine adjustment and clamping is driven by the clamping bolt.

REPLACEMENT PART KIT FOR: **Standard Vise**

<table>
<thead>
<tr>
<th>VISE NUMBER</th>
<th>KIT 1 Model No.</th>
<th>KIT 2 Model No.</th>
<th>KIT 3 Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>V30210000</td>
<td>V22582000</td>
<td>V21272000</td>
<td>V21202000</td>
</tr>
<tr>
<td>INTRO PRICE</td>
<td>$158</td>
<td>$171</td>
<td>$171</td>
</tr>
<tr>
<td>V30320000, V30330000</td>
<td>V22583000</td>
<td>V21273000</td>
<td>V21203000</td>
</tr>
<tr>
<td>INTRO PRICE</td>
<td>$193</td>
<td>$204</td>
<td>$204</td>
</tr>
<tr>
<td>V30420000, V30430000, V30440000, V30450000</td>
<td>V22584000</td>
<td>V21274000</td>
<td>V21204000</td>
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<tr>
<td>INTRO PRICE</td>
<td>$217</td>
<td>$241</td>
<td>$241</td>
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<tr>
<td>V30520000, V30530000, V30540000, V30550000, V30560000</td>
<td>V22585000</td>
<td>V21275000</td>
<td>V21205000</td>
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<tr>
<td>INTRO PRICE</td>
<td>$270</td>
<td>$342</td>
<td>$342</td>
</tr>
</tbody>
</table>

Actual KITS may vary from illustrations depending upon the model selected.
Add HYDRAULIC POWER to ANY Vektek Vise

It’s easy to add hydraulic power to the Vektek Vise by simply replacing the mechanical clamping support with a hydraulic clamping support. The single acting hydraulic cylinder will require a hydraulic power source, operational control and some plumbing, easily purchased from Vektek.

For more information contact Team Vektek: **800-992-0236**
sales@vektek.com

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### REPLACEMENT PART KIT FOR: **FlexVise**™

<table>
<thead>
<tr>
<th>VISE NUMBER</th>
<th>KIT 1 Model No.</th>
<th>KIT 2 Model No.</th>
<th>KIT 3 Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>V11A20000</td>
<td>V22582000</td>
<td>V4127A200</td>
<td>V4120A200</td>
</tr>
<tr>
<td><strong>INTRO PRICE</strong></td>
<td><strong>$158</strong></td>
<td><strong>$222</strong></td>
<td><strong>$222</strong></td>
</tr>
<tr>
<td>V11A32000</td>
<td>V22583000</td>
<td>V4127A300</td>
<td>V4120A300</td>
</tr>
<tr>
<td><strong>INTRO PRICE</strong></td>
<td><strong>$193</strong></td>
<td><strong>$265</strong></td>
<td><strong>$265</strong></td>
</tr>
<tr>
<td>V11A42000, V11A43000</td>
<td>V22584000</td>
<td>V4127A400</td>
<td>V4120A400</td>
</tr>
<tr>
<td><strong>INTRO PRICE</strong></td>
<td><strong>$217</strong></td>
<td><strong>$312</strong></td>
<td><strong>$312</strong></td>
</tr>
<tr>
<td>V11A52000, V11A53000, V11A54000, V11A55000, V11A56000</td>
<td>V22585000</td>
<td>V4127A500</td>
<td>V4120A500</td>
</tr>
<tr>
<td><strong>INTRO PRICE</strong></td>
<td><strong>$270</strong></td>
<td><strong>$448</strong></td>
<td><strong>$448</strong></td>
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</tbody>
</table>

### VISE TYPE 2-3-4 5

<table>
<thead>
<tr>
<th>VISE NUMBER</th>
<th>KIT 1 Model No.</th>
<th>KIT 2 Model No.</th>
<th>KIT 3 Model No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>V22712000</td>
<td>V22713000</td>
<td>V22714000</td>
<td>V22715000</td>
</tr>
<tr>
<td><strong>INTRO PRICE</strong></td>
<td><strong>$158</strong></td>
<td><strong>$222</strong></td>
<td><strong>$222</strong></td>
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<tr>
<td>V22713000</td>
<td>V22714000</td>
<td>V22715000</td>
<td><strong>$511</strong></td>
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Actual KITS may vary from illustrations depending upon the model selected.