Universal Mounting Brackets – Standard, Adjustable, Angled

Compatible with 1” [25mm] and 1.5” [40mm] extrusions

- 3 Styles – standard, adjustable or angled with simple erector-set connectivity
- Anodized aluminum – lightweight – reduces stress, extends performance and life of robot
- Modular components add design flexibility – adaptable for all EOAT configurations
- Keyed profile for tight fit – non-rotating – strong holding force
- Mounting kit includes hardware to attach products to extrusions
- Angled brackets have optional adjustment knob, consult factory

Universal Mounting Brackets are simple, lightweight connectors that attach Vaccon vacuum pumps, vacuum cups, spring levelers and manifold blocks to 1” or 1.5” extrusions.

Available in 3 models, standard, adjustable or angled, our Universal Brackets are keyed to fit securely in 1/4” [6.5mm] or 5/16” [10mm] T-slots, remain square and increase holding force.

Brackets are available with or without mounting hardware.

Standard Universal Bracket: (UB)
The standard UB is a fixed position bracket that is tamper resistant. Once the screw is tightened to the extrusion and a product is mounted to the bracket the fastening screw is now covered and inaccessible to adjust.

Universal Bracket Adjustable: (UBA)
An elongated version of the standard bracket, the UBA features an exposed fastening screw that enables quick, easy bracket adjustments along the T-slot.

Angled Universal Bracket: (AB)
For operations that require frequent adjustments, the AB models are the easiest to re-position. One side of the bracket holds the vacuum pump, the other side of the bracket attaches to the extrusion enabling the bracket assembly to slide along the T-slot for unlimited adjustments. With the pump located on a 90º angle, the fastening screw is easily accessible at all times. Optional adjustment knobs are available for the AB models.

Eliminate the Guesswork: Contact Us!
Vacuum technology isn’t an exact science. To ensure proper product selection, Vaccon offers free application engineering assistance, a 30 Day Test & Evaluation Program or you can send sample products to our in-house test facility and we will test and size a pump for you.

To download a complete set of drawings in 13 different CAD formats, please visit our website at www.vaccon.com

For more information or technical assistance, please call 508-359-7200 or 800-848-8788 or email engineering@vaccon.com
Universal Brackets and Mounting Kits for 1” Extrusions

Bracket only: UB18-25

Bracket & Mounting Kit: MK-UB18-25

Bracket accepts: Vaccon VP00, VP0X, VP10 & VP1X Series pumps and MB18-25 manifold block.

<table>
<thead>
<tr>
<th>Model #</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>UB18-25</td>
<td>Fits 1/4 T-Slot in</td>
<td>0.35 0.13 0.41 0.70 0.75 1.00 0.19 0.3 oz</td>
</tr>
<tr>
<td></td>
<td>Fits 6.5mm T-Slot mm</td>
<td>8.9 3.2 10.3 17.8 19.1 25.4 4.7 8.5 g</td>
</tr>
</tbody>
</table>

Note 1: Mounting kit includes all hardware to mount pumps and manifold block.

Note 2: Depending on the pump being mounted, it may be necessary to rotate the bracket 180° from diagram shown.

Bracket only: UB14-25

Bracket & Mounting Kit: MK-UB14-25

Bracket accepts all Vaccon VP Series pumps except the VP00/VP0X Series. Fits All MB14 Series manifold blocks. (Allows larger pumps to be mounted to 1” extrusions).

<table>
<thead>
<tr>
<th>Model #</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>UB14-25</td>
<td>Fits 1/4 T-Slot in</td>
<td>0.55 0.12 0.70 1.10 1.50 0.19 0.7 oz</td>
</tr>
<tr>
<td></td>
<td>Fits 6.5mm T-Slot mm</td>
<td>14.0 3.0 17.8 27.9 38.1 4.7 19.8 g</td>
</tr>
</tbody>
</table>

Note 1: Mounting kit includes all hardware to mount pumps and manifold block.

How to Specify:
Bracket only: See Model Numbers: i.e. UB18-25
Bracket & Mounting Kit: Add “MK” for mounting kit in front of Model Number i.e. MKUB18-25
### Universal Brackets (Adjustable) and Mounting Kits for 1” Extrusions

**Bracket only: UBA18-25**

**Bracket & Mounting Kit: MK-UBA18-25**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBA18-25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fits 1/4 T-Slot in M3 x 0.5</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>Fits 6.5mm T-Slot mm</td>
<td>0.64</td>
<td>0.13</td>
</tr>
</tbody>
</table>

**Bracket accepts:** Vaccon VP00, VP0X, VP01BV, VP10 & VP1X Series pumps and MB18-25 manifold block.

**Note 1:** Mounting kit includes all hardware to mount pumps and manifold block.

### Angled Brackets and Mounting Kits for 1” Extrusions

**Bracket only: AB18-25**

**Bracket & Mounting Kit: MK-AB18-25**

<table>
<thead>
<tr>
<th>Model #</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>AB18-25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fits 1/4 T-Slot in M3 x 0.5</td>
<td>B</td>
<td>C</td>
</tr>
<tr>
<td>Fits 6.5mm T-Slot mm</td>
<td>0.64</td>
<td>0.13</td>
</tr>
<tr>
<td>16.4</td>
<td>3.2</td>
<td>15.2</td>
</tr>
</tbody>
</table>

**Bracket accepts:** Vaccon VP00, VP0X, VP01BV, VP10 & VP1X Series pumps and MB18-25 manifold block.

**Note 1:** Mounting kit includes all hardware to mount pumps and manifold block.

### How to Specify:

**Bracket only:** See Model Numbers: i.e. AB18-25

**Bracket & Mounting Kit:** Add "MK" for mounting kit in front of Model Number i.e. MKAB18-25

**Bracket & Mounting Kit with Adjustment Knob:** ABKUB14-40
Universal Mounting Brackets - Standard, Adjustable, Angled

Universal Brackets and Mounting Kits for 1.5” Extrusions

Bracket only: UB14-40 (5/16th T-slot)  Bracket only: IUB14-40 (10mm T-slot)


Accepts all VP10 Series pumps and above, and MB14 manifold blocks.

**Note 1:** Mounting kit includes all hardware to mount pumps and manifold block.

<table>
<thead>
<tr>
<th>Model #</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>UB14-40</td>
<td>Fits 5/16 T-Slot in 10-32 M3 x 0.5</td>
<td>0.55 0.12 0.70 1.10 1.50 0.19 0.7 oz</td>
</tr>
<tr>
<td>IUB14-40</td>
<td>Fits 10mm T-Slot</td>
<td>14.0 3.0 17.8 27.90 38.10 4.70 19.8g</td>
</tr>
</tbody>
</table>

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Universal Brackets (Adjustable) and Mounting Kits for 1.5” Extrusions

Bracket only: UBA14-40 (5/16th T-slot)  Bracket only: IUBA14-40 (10mm T-slot)

Bracket and Mounting Kit: MK-UBA14-40 (5/16th T-slot)  Bracket and Mounting Kit: IMK-UBA14-40 (10mm T-slot)

Accepts all VP Series pumps and MB14 Cup Mounts.

**Note 1:** Mounting kit includes all hardware to mount pumps and manifold block.

<table>
<thead>
<tr>
<th>Model #</th>
<th>Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBA14-40</td>
<td>Fits 5/16 T-Slot in 10-32 M3 x 0.5</td>
<td>0.55 0.77 1.00 0.12 0.59 0.70 2.25 1.10 1.10 1.50 0.19 1 oz</td>
</tr>
<tr>
<td>IUBA14-40</td>
<td>Fits 10mm T-Slot</td>
<td>14.0 19.5 25.4 3.0 15.0 17.8 57.2 27.9 27.9 38.1 4.7 28.3g</td>
</tr>
</tbody>
</table>

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**How to Specify:**
Bracket only: See Model Numbers: i.e. UB14-40
Bracket & Mounting Kit: Add “MK” for mounting kit in front of Model Number i.e. MKUB14-40

Phone: 1-800-848-8788 or 508-359-7200  E-Mail: engineering@vaccon.com  www.vaccon.com
# Universal Mounting Brackets - Standard, Adjustable, Angled

## Angled Brackets and Mounting Kits for 1.5” Extrusions

Bracket only: AB14-40

Bracket & Mounting Kit: MK-AB14-40
Available with optional adjustment knob. See Bracket Construction Sequence below

Accepts all VP Series pumps and MB14 Cup Mounts.

Note 1: Mounting kit includes all hardware to mount pumps and manifold block.

## How to Specify:

**Bracket only:** See Model Numbers: i.e. UB14-40

**Bracket & Mounting Kit:** Add "MK" for mounting kit in front of Model Number i.e. MKUB14-40

**Bracket & Mounting Kit with Adjustment Knob:** MK-ABK14-40 (angled brackets only)

### Standard, Adjustable & Angled Bracket Construction Sequence:

#### Model # | Dimensions | Weight
| Model # | A- Mtg Holes | B- Mtg Holes | C | D | E | F | H | J | K | L | M | N | P | R |
|---------|--------------|--------------|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AB14-40 | Fits 5/16 T-Slot in | 10-32 | M3 x 0.5 | 0.55 | 0.77 | 1.00 | 0.12 | 0.59 | 0.70 | 1.50 | 1.10 | 1.50 | 1.69 | 1.69 | 0.19 | 1 oz |
| IAB14-40 | Fits 10mm T-Slot mm | 14.0 | 19.5 | 25.4 | 3.0 | 15.0 | 17.8 | 38.1 | 27.9 | 38.1 | 42.8 | 42.8 | 4.7 | 28.3g |

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