

# FIVE-AXIS COMPACT MULTI-POWER VISE

Model: ACM-130, 160



- Suitable for CNC 5-Axis Machining Centers, horizontal and vertical CNC Machining Centers
- Shortest Length with **Big Jaw Opening**
- Extremely High Accuracy and Repeatability
- Special MULTI-POWER design enhances clamping force of **0~5000KG**



## STANDARD ACCESSORIES:

- 2 pcs of Alignment Wedge
- 4 pcs of Clamp
- 1 pc of Wrench

## OPTIONAL ACCESSORIES:

- Serrated Jaws
- Soft Jaws

|   |  |  |  |   |
|---|--|--|--|---|
| Vise body is made of <b>Ductile Iron</b> above <b>FCD 60</b> grade and its slideways are <b>hardened</b> to <b>HRC 52</b> , which makes the vise tensile strength with high precision accuracy. | Vise jaws are made of <b>High quality Tool Steel (SCM440)</b> and Hardened to achieve <b>HRC 55</b> , which makes vise clamp the workpieces easily and firmly. | Special Leadscrew Covers protect Leadscrew from swarf and avoid any possible damage to internal parts. | Compact design with <b>big jaw opening</b> , which enhances machine space utilization. | The patented <b>MULTI-POWER SYSTEM</b> is built of high grade <b>BEARING STEEL</b> which doubles the clamping force. Adjustable clamping force <b>0~5000kg</b> . With this special patented system the pressure is more consistent and eliminates oil leakage and maintenance problems associated with Hydraulic Vises. |
|---|--|--|--|---|

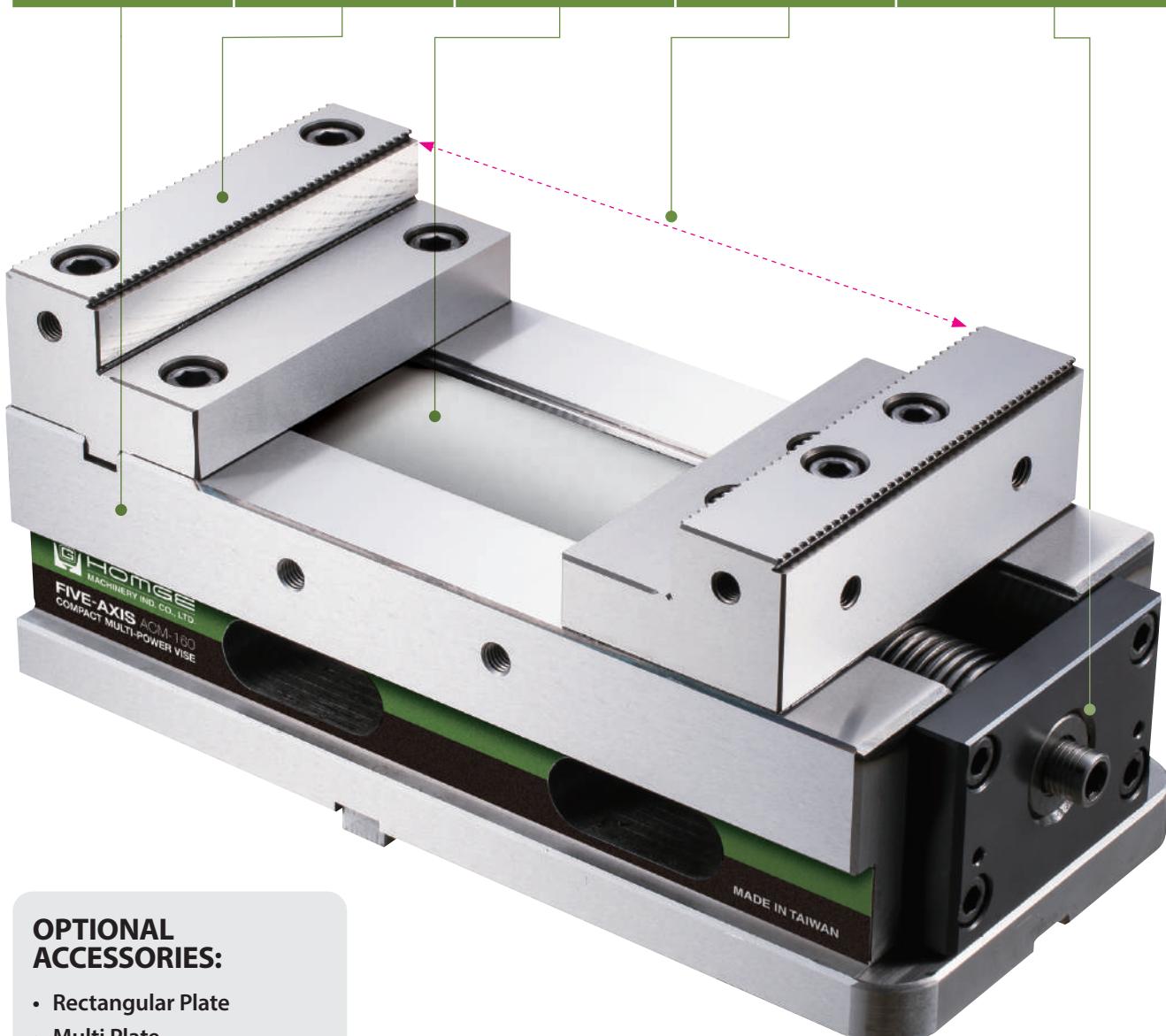
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#### OPTIONAL ACCESSORIES:

- Rectangular Plate
- Multi Plate
- Pull Studs
- Spacer Studs

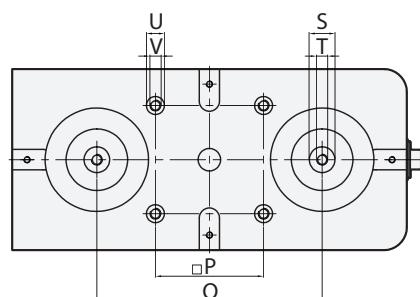
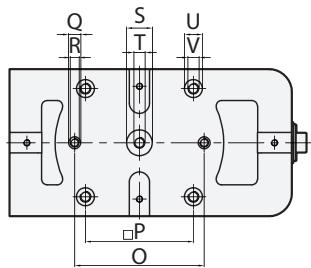
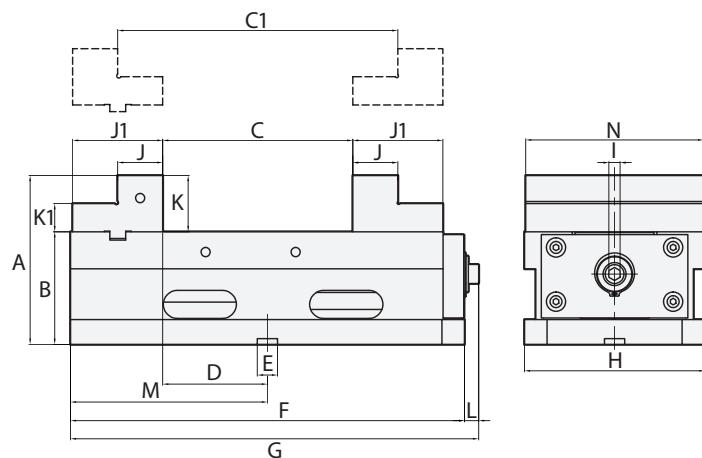
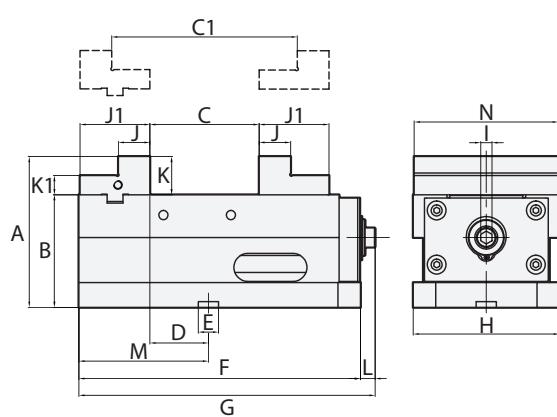
Please refer to Page 22~53  
Zero Point Quick Change Devices



ACM-130



ACM-160


**SPECIFICATIONS** (Material: Vise body S50C: HRC 50 / Jaws SCM440: HRC 55)

Unit: mm

| Model   | A   | B   | C   | C1  | D  | E  | F   | G   | H   | I  | J  | J1 | K  | K1 | L  | M   | N   | O   | P  |
|---------|-----|-----|-----|-----|----|----|-----|-----|-----|----|----|----|----|----|----|-----|-----|-----|----|
| ACM-130 | 134 | 100 | 105 | 173 | 52 | 18 | 250 | 263 | 130 | 10 | 28 | 62 | 34 | 17 | 13 | 115 | 128 | 115 | 96 |
| ACM-160 | 150 | 100 | 167 | 247 | 93 | 18 | 350 | 363 | 160 | 10 | 40 | 80 | 50 | 25 | 13 | 175 | 158 | 200 | 96 |

| Model   | Q     | R        | S     | T        | U     | V        | Max. Clamping Force | Weight(kg) |
|---------|-------|----------|-------|----------|-------|----------|---------------------|------------|
| ACM-130 | Ø11H7 | M8x1.25P | Ø23H7 | M10x1.5P | Ø16H7 | M10x1.5P | 5000kg              | 22         |
| ACM-160 | -     | -        | Ø23H7 | M10x1.5P | Ø16H7 | M10x1.5P | 5000kg              | 40         |