

# 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 Ductile Iron above FCD 60 grade and its slideways are hardened to HRC 52, which makes the vise tensile strength with high precision accuracy.

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

Vise jaws are made of High quality Tool Steel (SCM440) and Hardened to achieve HRC 55, 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 big jaw opening, which enhances machine space utilization.

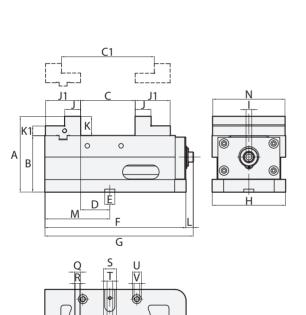
The patented MULTI-POWER SYSTEM is built of high grade BEARING STEEL which doubles the clamping force. Adjustable clamping force 0~5000kg. With this special patented system the pressure is more consistent and eliminates oil leakage and maintenance problems associated with Hydraulic Vises.

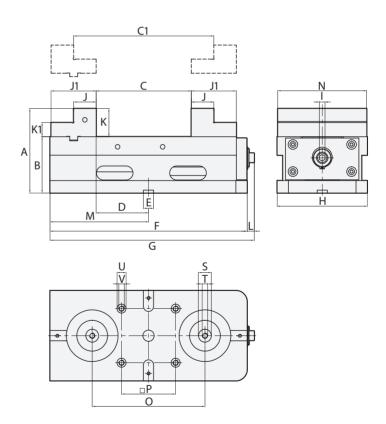












#### **SPECIFICATIONS** (Material: Vise body S50C: HRC 50 / Jaws SCM440: HRC 55)

Unit: mm

Model	A	В	C	C1	D	E	F	G	н	ı	J	J1	K	K1	L	М	N	0	Р
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	Т	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

## **Optional Accessories**

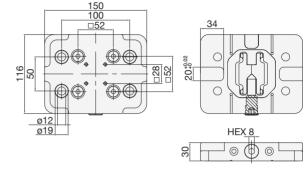
Please refer to Page 22~53 Zero Point Quick Change Devices

## **Rectangular Plate**

#### Model: M-52x52 (8001G)

- Size: 150x116x30 mm
- Pull Stud: M-52x52PS
- Weight: 3.2 kg
- Suitable for ASC-77x102S ASC-77x130S ASC-77x170S ASC-77x210S

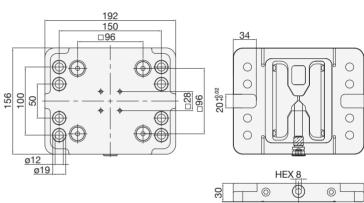




#### Model: M-96x96 (8051G)

- Size: 192x156x30 mm
- Pull Stud: M-96x96PS
- Weight: 6.4 kg
- Suitable for ASC-127x160S ASC-127x210S ASC-127x260S ASC-127x310S ASC-127x360S





## **Master Gauging Pallet**

Suitable for quick checking the precise alignment of Quick Changing Plates and for concentric alignment of rotary or chucks.

#### Model: M-52x52 (8010)

- Size: 80x80x27 mm
- Pull Stud: M-52x52PS
- Weight: 1.1 kg



#### Model: M-96x96 (8058)

- Size:126x126x27 mm
- Pull Stud: M-96x96PS
- Weight: 2.6 kg



## **Pull Studs**

Can be adapted onto vises or workpieces to use together with any Quick Change Device.

#### Model: M-52x52PS

- 4 pcs / set
- Weight: 0.16 kg / set

#### Model: M-96x96PS

- 4 pcs / set
- Weight: 0.28 kg / set





### **Spacer Studs**

Improve the machining accessibility of edges or angles by making a through space between workpieces and Quick Change Devices.

#### Model: M-52x52SS

- 4 pcs / set
- Weight: 0.27 kg / set

#### Model: M-96x96SS

- 4 pcs / set
- Weight: 0.4 kg / set

