

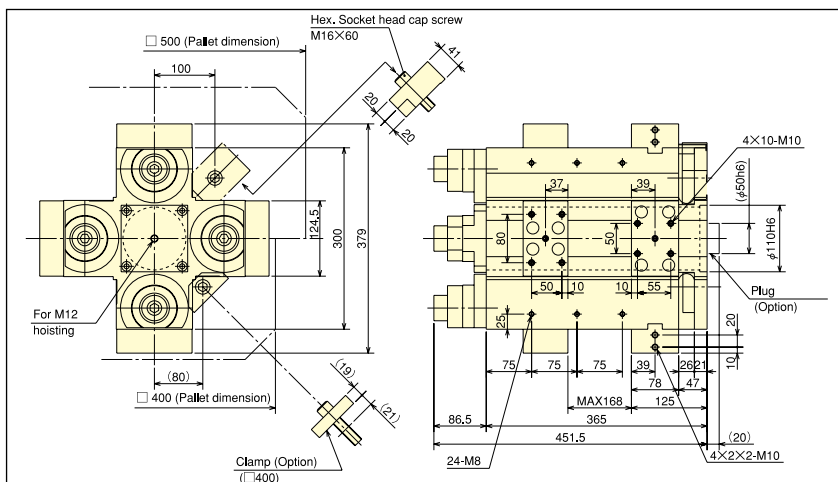
VISE

# Multi-Power Vise Vertical 4-Piece Integrated Type MV125N

**The most suitable for horizontal machines! Vertical integrated-type vise without an angle plate**

- Costs saved by elimination of an angle plate
- Firm clamping of work ensured by a high clamping force
- Cast iron body with a high vibration damping property
- Stable clamping force ensured by the mechanical -type enhancement toggle mechanism
- High rigidity achieved by the integrated body
- Lift-up reduced to the minimum, offering stable machining accuracy

## Dimensions



## Clamping Force Table

(Unit : kN)

Range	3	2	1	0
MV125N	40	28	16	8

※Zero range means clamp without a step-up mechanism. Clamp force shows an allowable amount.

## Specifications

(Unit : mm)

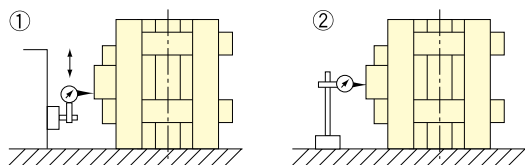
Model	Jaw width	Jaw stroke	Total height	Full width	Max. clamping force(kN)	Mass (kg)
MV125N	124.5	168	451.5	379	40	150

## Jaw allowable sizes for clamping force

(Unit : mm)

Model	Range	3	2	1
MV125N	Jaw height	40 (standard)	60	100

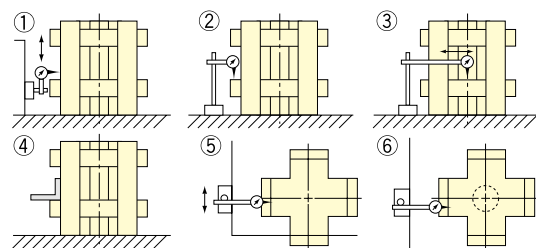
## Dynamic accuracy



(Unit : mm)

No.	Inspection item	Tolerance
1	Parallelism of upper face of clamped test block and jaw slideway	0.015 per 100
2	Upper face lift of test block when clamped	0.015

## Static accuracy



(Unit : mm)

No.	Inspection item	Tolerance
1	Squareness of vise body bottom face and jaw slideway	0.015 per 150
2	Mutual difference of height from body bottom face fixed jaw clamping face	Measured 0.020 at jaw center.
3	Parallelism of body bottom face and fixed jaw clamping face	0.010 for total overall jaw width
4	Squareness of jaw slideway and fixed jaw clamping face	0.010 for total jaw height Not to be outside opening
5	Squareness of jaw slideway	0.015
6	Distance difference from body center to each jaw slideway	0.040

- Body Material : Cast iron
  - Jaw Material : Hardened steel
  - Standard Accessories : Clamp device assembly (clamp device, bolt(s)), handle, L-shaped hexagonal wrench, C-caps, slide cover
  - Options : Clamp device □400, ratchet handle, extension bar, soft jaws (a set of a moving-side and a fixed-side jaws), plug
- ※For the soft jaw on the fixed side, a customer shall machine it additionally after purchasing. (See page 21.)