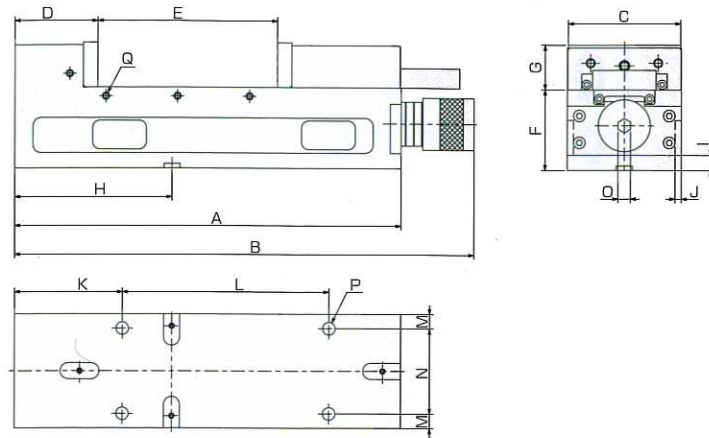


# LOCK-TIGHT FA Precision Machine vises



■LTFV-H



**Standard accessories**

- Guide key ···· 1 set
- Handle, Eye bolt ···· 1 set

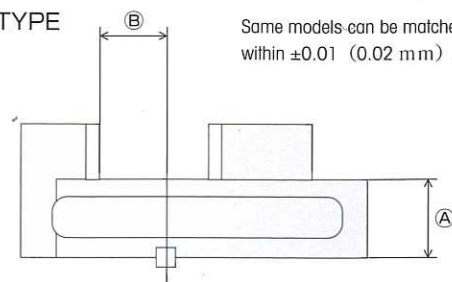
Dimensions(mm)

Order No.	No.	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	Jaw width	Jaw depth	Jaw opening	Guide key width(Standard)	Clamping force(KN)	Weight (kgs)
110032	LTFV-125H	430	511	125	92	0~200	90	50	175	17	7	120	230	16	95	14	14	M8	125	50	200	18	40	34
110033	LTFV-150H	534	615	150	112	0~260	100	60	175	20	7	134	315	15	122	14	14	M8	150	60	260	18	40	52

## Matched

Same models can be matched each other.

■LTFV TYPE

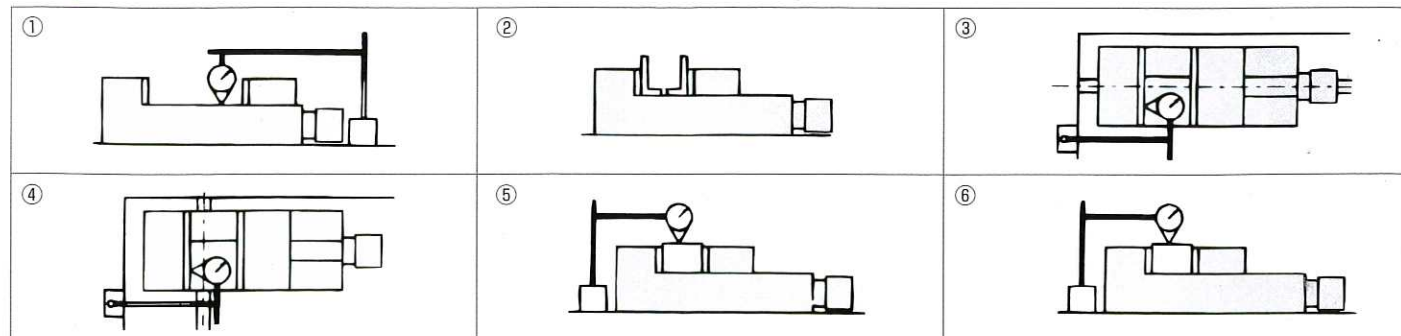


Same models can be matched on A,B within ±0.01 (0.02 mm)

## Accuracies

Each vise is strictly inspected according to Nabeya/ERON standard tolerance listed below, which is superior to Japan Industrial Standard (JIS).

### Inspection methods



### Inspection sheet for FA precision machine vises

	Inspection points (Per 100mm)	Former JIS 0 grade	NABEYA SPEC
①	Parallelism between bottom and sliding face.	0.015	0.010
②	Perpendicularity between jaws and sliding face.	0.030	0.015
③	Perpendicularity between jaw and guide block.	0.015	0.015
④	Parallelism between jaw and guide block.	0.015	0.015
⑤	Parallelism between bottom and top of workpiece.	0.020	0.015
⑥	Lifting of workpiece when being clamped.	0.030	0.015

<http://www.nabeya.co.jp> E-mail:nabeya@ons.co.jp

Specifications being showed here are all subject to change without notice.



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# ERON® NABEYA LOCK-TIGHT

Re-introduced model for export

# FA Precision Machine vises

-Hydraulic Type-

Machine vises being designed to be simple and practical.





# LOCK-TIGHT FA Precision Machine vises



## High rigidity · High accuracy

User friendly design with many practical & useful features

### Wider jaw opening

Wider jaw opening -nearly double capacity, compared with the other vises- can hold long workpieces easily.

### One piece construction

Down thrust "Semi-sphere Segment" eliminates jaw lift and tilting of workpiece. One piece construction of body and stationary jaw for high rigidity.



### Suitable for various workpieces

Tapped holes on top and at the side of vise offer versatile applications when used with work-stops and support elements.

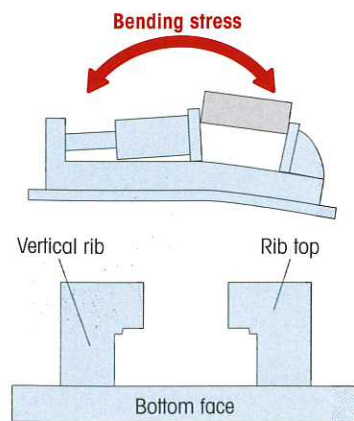


### Deeper jaws

Deeper jaws allow to clamp higher workpiece firmly.

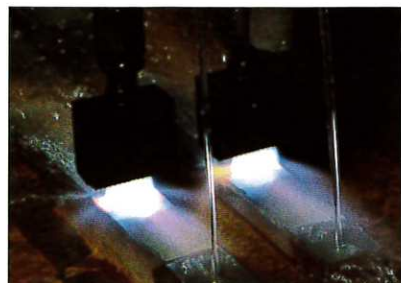
### High rigidity

Vertical rib construction body is rigid enough to resist against bending stress.



### Sliding face

Sliding Surfaces are flame-hardened to HRC45 to reduce wear and thus maintaining the accuracy for many years.

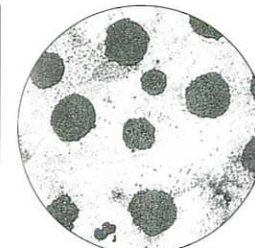


### High rigidity ductile cast iron

Ductile cast iron, which is solid and suitable for manufacturing precision products, is used as material.



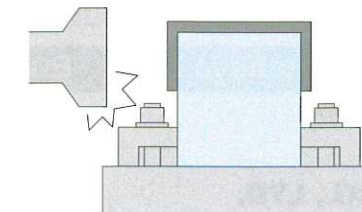
Spring made of Ductile iron



Photomicrograph of the ductile cast iron

### Mounting Holes For Easy Installation

4 mounting holes inside the vise allow for easy installation and reduce the need for side mounting clamps. This avoids interference with cutting tools.



### Chip covers

Chip covers prevent operation trouble by protecting the main screw against chips.



### High clamping force

High clamping force can be easily achieved with built in hydraulic pump.

