

RoHS Compliant

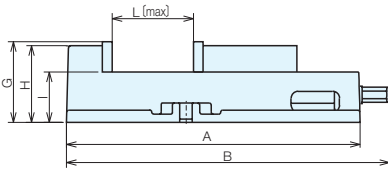
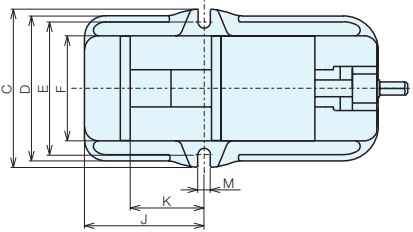


No.E-9275L

Lock-Tight Precision Machine Vises Type L

Accessories Standard mounting bolt set (2 pieces per set) compatible T-slot width 18 mm ... 1 set
 Standard guide block (2 pieces per set) compatible groove width 18 mm ... 1 set
 Handle ... 1 piece

- The jaw opening is 45% larger than the same type of vise (LT150M).
- The weight is 20% lower than the same type of vise (LT150M), making it easy to carry around.
- The sliding jaw and workpiece are prevented from lifting up by an anti-floating mechanism.
- Made of ductile cast iron, preventing bending and breakage during tightening.
- Sliding surfaces have been flame heat treated (HRC45) and offer excellent wear resistance.
- High accuracy that surpasses the former JIS standards 0 grade.
- Parallel accuracy of matched specification products is within 0.02.



▲ Lock-tight anti-floating mechanism

Size Chart

| No. | A | B | C | D | E | F | G | H | I | J | K | L | M | N |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|----|----|
| LT150L | 425 | 468 | 230 | 210 | 192 | 152 | 117 | 111 | 73 | 173 | 107 | 207 | 18 | 19 |

Specifications

| No. | Jaw Width | Jaw Depth | Jaw Opening | Standard Guide Block Width | Clamping force kN | Weight (kg) | LT-L | | LT-LG (Matched Specifications) | |
|---------------|-----------|-----------|-------------|----------------------------|-------------------|-------------|---------------|---------------|--------------------------------|----------------|
| | | | | | | | Order No. | No. | Order No. | No. |
| LT150L | 152 | 44 | 207 | 18 | 40 | 29 | 952056 | LT150L | 952057 | LT150LG |

Accessories and Optional Parts (Refer to the Following Page) Reference Pages

| | | | |
|----------------------------------|-------------------------------------|---|---------------------------------------|
| Guide blocks P.206 | Mounting bolts P.204 | Standard jaw plate JA P.207 | Step jaw plate SJ P.207 |
| Handle P.204 | Rotating Tables P.204 | | |

Jig Set-up Systems (Q-lock)

Base Elements

Clamp Units

Clamping Parts

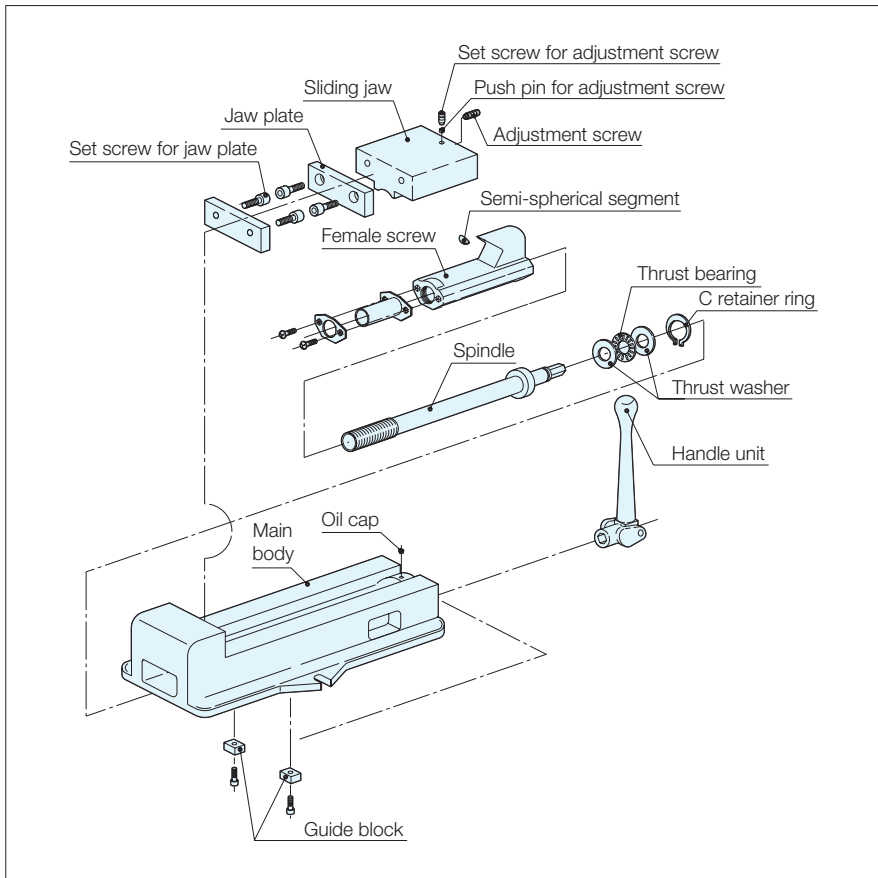
Mechanical Parts

Machine Vises

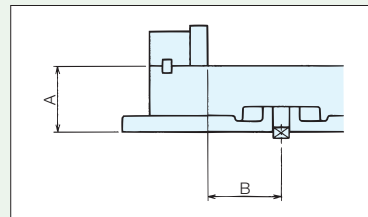
Surface Plates and Measurement Instruments

Index

Parts Details

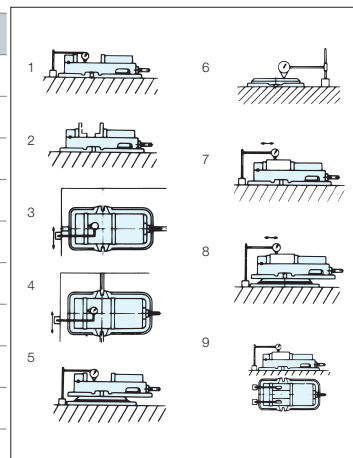


When ordering parallel products A and B align within 0.02 no matter how many pieces Order matched specification products (suffix G). When ordering, specify the groove width of the machine you are using. Matched specification products can only be manufactured when newly purchased.



Accuracy Standards (Static Accuracy)

| No. | Inspection Points (per 100 mm) | Former JIS Standard (Grade 1) | Nabeya SPEC |
|----------------------------|--|-------------------------------|-------------|
| 1 | Parallelism between bottom surface of main body and sliding surface | 0.020 | 0.015 |
| 2 | Perpendicularity between jaw plate and sliding surface (smaller than right angle) | 0.050 | 0.015 |
| 3 | Perpendicularity between T-slot and jaw plate surface of stationary jaw side. | 0.020 | 0.020 |
| 4 | Parallelism between T-slot and jaw plate surface of stationary jaw side. | 0.020 | 0.020 |
| 5 | Parallelism between bottom surface of rotating table and sliding surface | 0.030 | 0.020 |
| 6 | Parallelism between the bottom surface and top surface of the rotating table | -- | 0.010 |
| (Clamping Accuracy) | | | |
| 7 | Parallelism between top surface of clamped test block and bottom surface of main body | 0.030 | 0.020 |
| 8 | Parallelism between top surface of clamped test block and bottom surface of rotating table | 0.040 | 0.030 |
| 9 | Lift-up of top surface of test block when clamped | 0.050 | 0.020 |



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