

RoHS Compliant



No.E-940

Lock-Tight 5 Axis Machine Vises

- Level raising structure that avoids interference with the main spindle
Allows the cutting tool length to be shortened, reducing machining time and conserving cutting tool.
- Lock-tight anti-floating mechanism
Workpieces can be prevented from lifting up by applying force onto the sliding jaw at an angle of 45 degrees downwards using a semi-spherical segment.
- Replaceable jaw plates
Includes 3 different jaw plates as standard, allowing you to use the best jaw plates for the machining conditions.
- Workpieces can always be clamped in the center position of the vise, removing the work of programming.

Accessories



LT5AU-75
 Step jaw plates (grid type) LT5AU-75SJG-8 (2 pieces per set) ... 2 sets
 Step jaw plates (depth 20) LT5AU-75SJ-20 (2 pieces per set) ... 1 set
 Step jaw plates (depth 30) LT5AU-75SJ-30 (2 pieces per set) ... 1 set
 Standard clamping set BCS14Q1 (2 pieces per set) ... 2 sets
 Standard guide block LT14-14 (2 pieces per set) ... 1 set
 Standard handle LT-10HN250 ... 1 piece



LT5AU-100(M)
 Step jaw plates (grid type) LT5AU-100SJG-8 (6 pieces per set) ... 1 set
 Step jaw plates (depth 20) LT5AU-100SJ-20 (2 pieces per set) ... 1 set
 Step jaw plates (depth 30) LT5AU-100SJ-30 (2 pieces per set) ... 1 set
 Standard clamping set BCS18Q1 (2 pieces per set) ... 2 sets
 Standard guide block LT18-18 (2 pieces per set) ... 1 set
 Standard handle LT-13HN250, LT-13HN370 ... 1 piece of each

Specifications

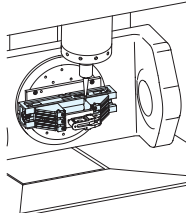
| Order No. | No. | Jaw Width | Total Length | Standard Guide Block Width | Standard Clamp Compatible T-Slot Width | Clamping Force (kN) | Weight (kg) |
|-----------|------------|-----------|--------------|----------------------------|--|---------------------|-------------|
| 93017 | LT5AU-75 | 75 | 286 | 14 | 14 | 15 | 15 |
| 91541 | LT5AU-100M | 102 | 386 | 18 | 18 | 20 | 30 |
| 87470 | LT5AU-100 | 102 | 484 | 18 | 18 | 20 | 32 |

Size Chart

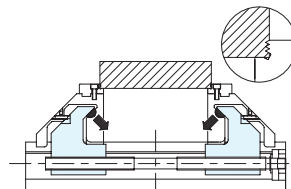
| No. | A | B | C | D | E | F-1 | F-2 | G | H | I | J | K | L | M | N |
|------------|-----|-----|-----|----|----|--------|--------|----|----|---|----|----|---------|---|---------|
| LT5AU-75 | 286 | 77 | 75 | 65 | 60 | 22-108 | 13-76 | 19 | 16 | 5 | 39 | 10 | M8X1.25 | 2 | M8X1.25 |
| LT5AU-100M | 386 | 104 | 102 | 90 | 90 | 23-142 | 13-100 | 24 | 16 | 5 | 50 | 13 | M8X1.25 | 4 | M8X1.25 |
| LT5AU-100 | 484 | 104 | 102 | 90 | 90 | 23-240 | 13-198 | 24 | 16 | 5 | 50 | 13 | M8X1.25 | 4 | M8X1.25 |

| No. | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB | AC |
|------------|---------|-----|----|---|----|-----|---|----|----|-----|----------|----|-----|------|----|
| LT5AU-75 | M8X1.25 | 143 | 14 | 4 | 30 | 226 | 5 | 12 | R5 | 300 | M10X1.5 | 56 | 174 | 13.5 | 48 |
| LT5AU-100M | M8X1.25 | 193 | 18 | 5 | 20 | 346 | 7 | 17 | R5 | 400 | M12X1.75 | 57 | 272 | 14.5 | 75 |
| LT5AU-100 | M8X1.25 | 242 | 18 | 5 | 20 | 444 | 7 | 17 | R5 | 500 | M12X1.75 | 57 | 370 | 14.5 | 75 |

Level raising structure that avoids interference with the main axis



Lock-tight anti-floating mechanism



3 types of jaw plates included as standard

