

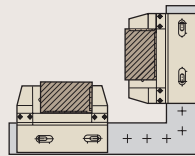
A work-piece fixture with high-accuracy positioning and short setup time.

MIDDLE VISE

- ▷ Ideal for small work-pieces.
- ▷ High flexibility in choosing installation place compact design.
- ▷ After the work-piece is clamped, horizontal and parallel adjustments are possible due to the independent fine adjustment functionality.
- ▷ Two sliders makes it easy use to use.

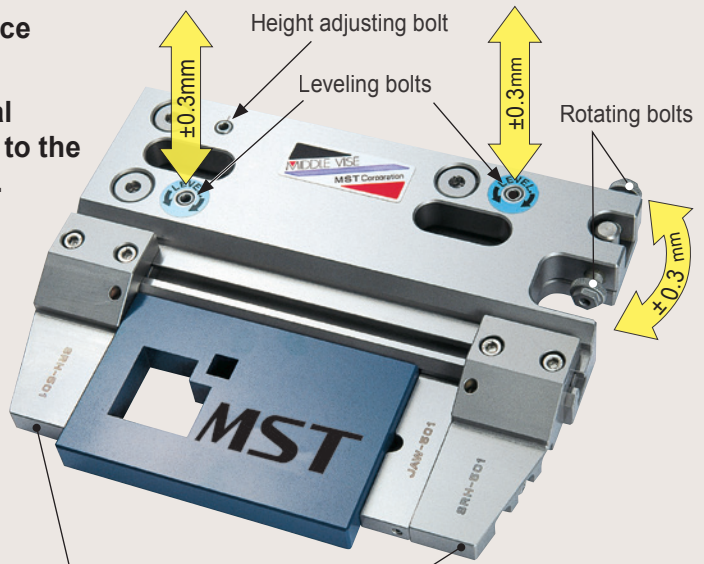
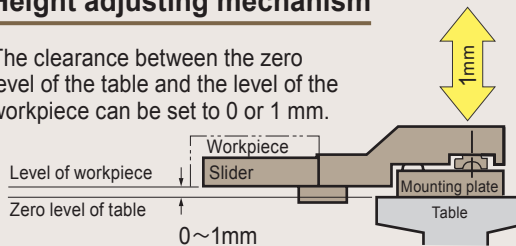
Compact design

This product does not use a table corner, allowing it to be installed in any place. Multiple pieces may be installed.



Height adjusting mechanism

The clearance between the zero level of the table and the level of the workpiece can be set to 0 or 1 mm.



The Two-slider system allows you to set it up anywhere.

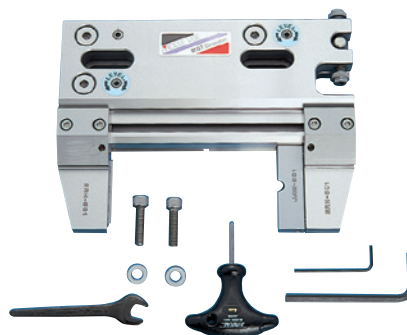
Standard set

CODE

MDV-501

Description

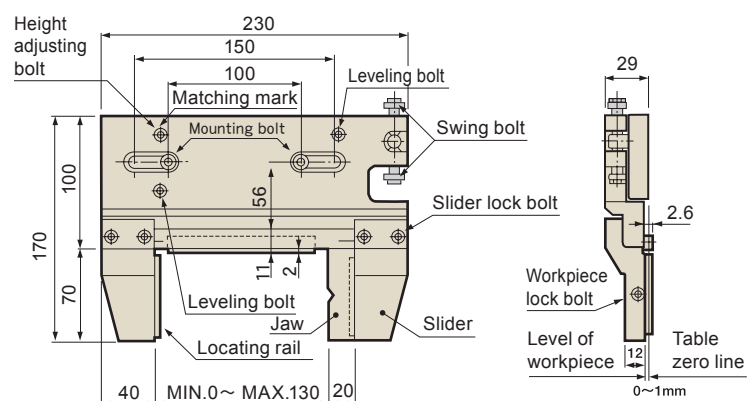
1. A complete set of main body (Including 2 sliders and 1 jaw)
2. Allen wrench (1 each: 2.5, 4, and 6 mm)
3. 10 mm spanner (1pc.)
4. M8 mounting bolts and washers (25 ea.)




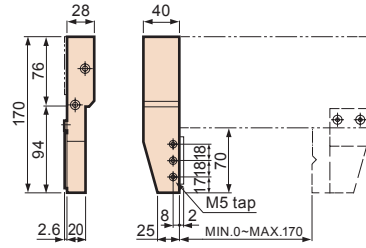
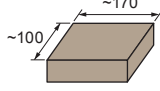
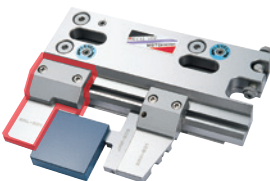
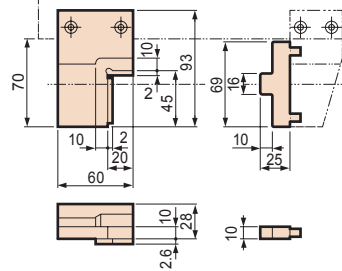
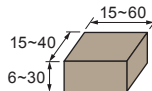
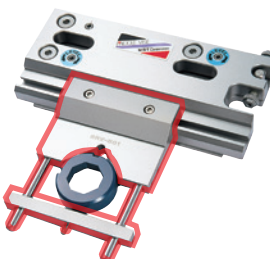
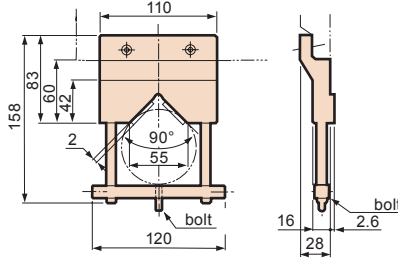
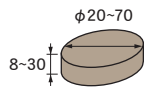

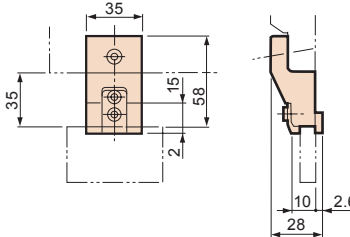
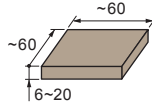
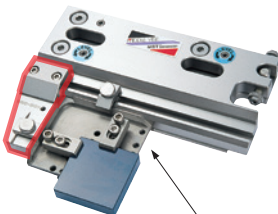
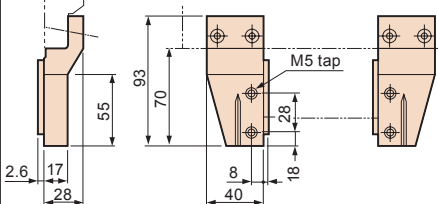
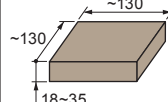
Specification

This unit uses stainless steel that is highly resistant to corrosion and wear.

| | |
|----------------------------------|----------|
| Maximum dimensions of work-piece | 130×100 |
| Maximum weight of work-piece | 3kg |
| Weight of main body | 5kg |
| Material | SUS420J2 |
| Hardness | 50HRC |



Optional accessories

| Name | Model No. | | Dimensions | work-piece size |
|--|-----------|--|--|---|
| Extension Jaw For large work-pieces | JAE-501 |  |  |  |
| L Slider For small work-pieces | SRL-501 |  |  |  |
| V Slider For round work-pieces | SRV-501 |  |  |  |
| Sandwich Slider For small and thin work-pieces | SRS-501 |  |  |  |
| Clamp on Slider The work-piece can be clamped to the jaw using the clasper. The extension plate can also be used. | SRC-501 |  Extension plate |  |  |

Wire Cut Unit

Work Holding Fixtures for W-EDM

ANGLE HEAD

M/C Tool

HSK-T Tooling Systems
for Turning Mill

General Purpose
Tool

JIG

Measuring
Equipment

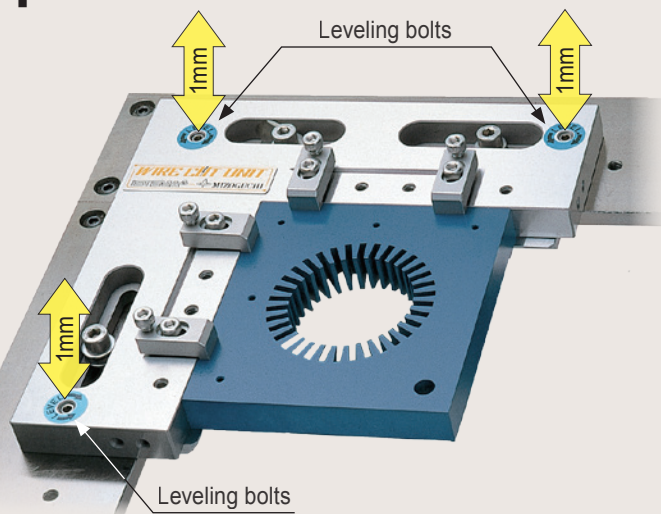
Maintenance Tool

Wire EDM fixture

Technical
Information

A work-piece fixture with high-accuracy positioning and short setup time.

- ▷ A work-piece having a datum surface can be accurately attached by merely affixing it to the wire cut unit body.
- ▷ You can clamp a work-piece quickly.
- ▷ After the work-piece is clamped, horizontal and parallel adjustments are possible due to the independent fine adjustment functionality.



Wire Cut Unit set

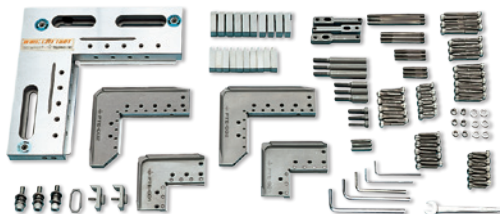
WCU - A set



WCU - B set



WCU - C set

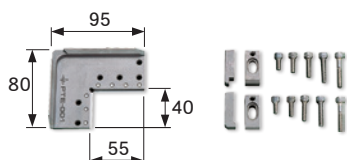


※The right side is the state where set contents are stored in the case.

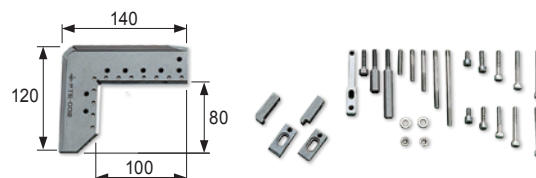
Extension Plate (Optional accessories)

Case is not included.

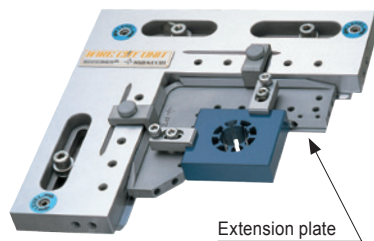
PTE-001



PTE-002



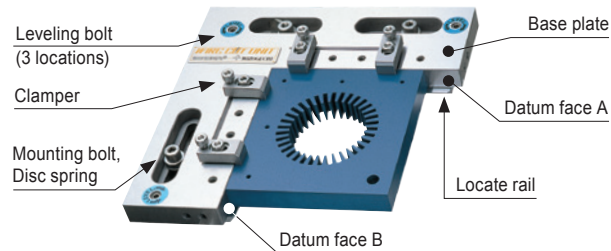
Examples of use



Large work-piece - Clamp on



Square work-piece - Side Clamp

Small round work-piece – Side
Clamp with the extension plate

Set Contents

| Name | Model No. | A set | B set | C set | Extension plate (Option) | |
|---------------------------------|-----------------------------------|---|---|--|--|--|
| | | WCU-A | WCU-B | WCU-C | PTE-001 | PTE-002 |
| Base plate | — | 1 pc. | 1 pc. | 1 pc. | — | — |
| Extension plate (Only plate) | PTE-001 | 1 pc. | 1 pc. | 2 pcs. | 1 pc. | — |
| | -002 | — | 1 pc. | 2 pcs. | — | 1 pc. |
| Clamper | CLP-101 | 4 pcs. | 6 pcs. | 10 pcs. | 2 pcs. | 2 pcs. |
| | -102 | 4 pcs. | 6 pcs. | 10 pcs. | 2 pcs. | 2 pcs. |
| | -201 | 1 pc. | 2 pcs. | 3 pcs. | — | 1 pc. |
| Grip | GRP-002 | 2 pcs. | 2 pcs. | 2 pcs. | — | — |
| Adjusting bolt | AJB-M6-L (L= 30, 50, 80) | 1 ea. | 2 ea. | 3 ea. | — | 1 ea. |
| Stud bolt | STB-M6-L (L= 40, 50, 70, 90) | 1 ea. | 2 ea. | 3 ea. | — | 1 ea. |
| Cap bolt M6 × L | — | L=16, 20, 25, 30, 35 4 ea. L=40, 50 2 ea. | L=16, 20, 25, 30, 35 6 ea. L=40, 50 4 ea. | L=16, 20, 25, 30, 35 10 ea. L=40, 50 6 ea. | L=16, 20, 25, 30, 35 2 ea. | L=16, 20, 25, 30, 35, 40, 50 2 ea. |
| Set screw (Kultopp) M6×30 | — | 1 ea. | 2 ea. | 3 ea. | — | 1 pc. |
| Nut, Washer M6 | — | 2 ea. | 4 ea. | 6 ea. | — | 2 ea. |
| Hexagonal wrench, spanner | — | 1 set | 1 set | 1 set | — | — |

Specification

This unit uses stainless steel that is highly resistant to corrosion and wear.

| | |
|---|---------------------------|
| Max. work-piece dimensions | 160mm(6.30")×160mm(6.30") |
| Max. work-piece weight | 15kg(33lbs) |
| Main body weight | 4.3kg(9.5lbs) |
| Material | SUS420J2(Stainless steel) |
| Hardness | 50HRC |
| Datum surface squareness | 5 μm(.0002")/100mm(3.94") |
| $\begin{matrix} \text{M} \perp \text{A} \cdot \text{B} \\ \text{A} \perp \text{B} \end{matrix}$ | |

