

High Accuracy  
Positioning

Shortening  
setup time

# Work Holding Fixtures for W-EDM

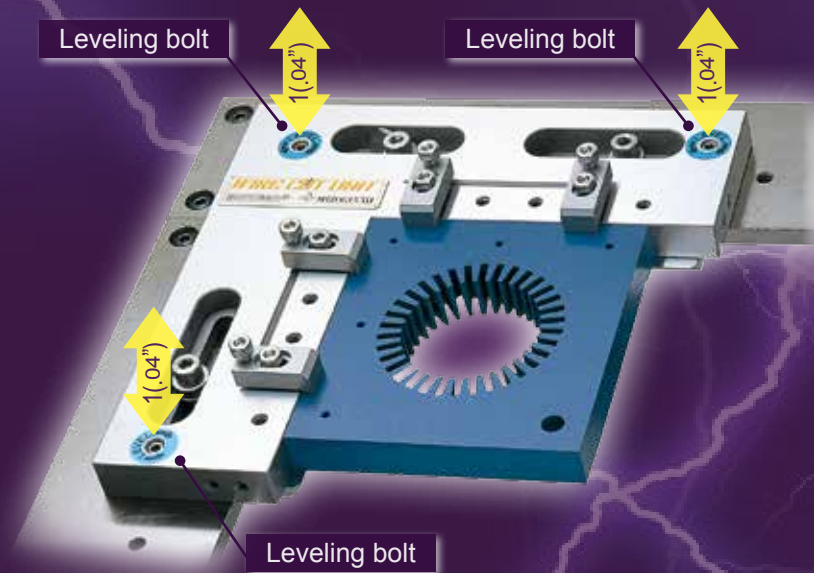
## Wire Cut Unit

The independent fine adjustment capability for work-piece alignment (flatness) allows shortening setup time.

You can clamp a work-piece using either the clam-on or side-clamp system.

Optional extension plate allows off-line setup to minimize machine down-time.

A work-piece having a datum surface can be accurately attached by merely affixing it to the wire cut unit body.

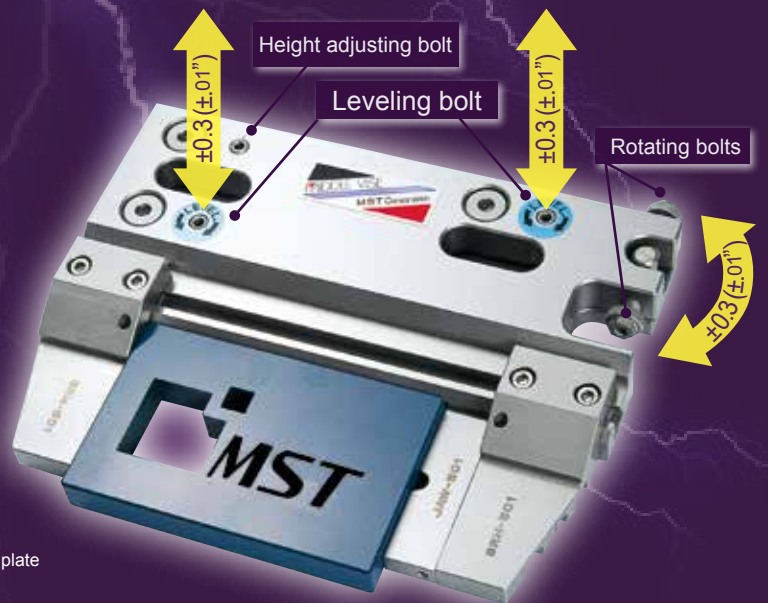
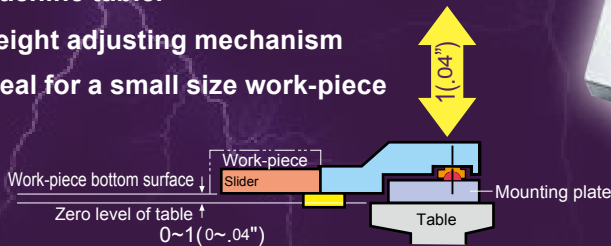


## Middle Vise

The independent fine adjustment capability for work-piece alignment (flatness and parallelism) allows shortening setup time.

The compact design allows high flexibility in choosing installation place on the machine table.

Height adjusting mechanism  
Ideal for a small size work-piece



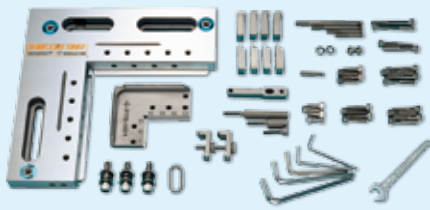
MST corporation



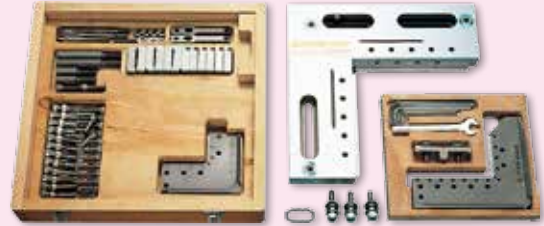
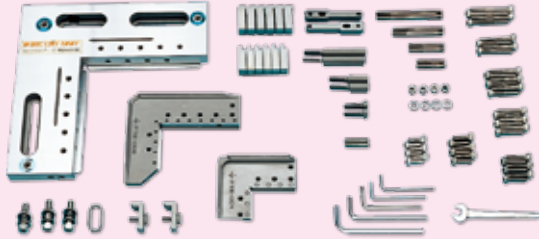
1305

# Wire Cut Unit

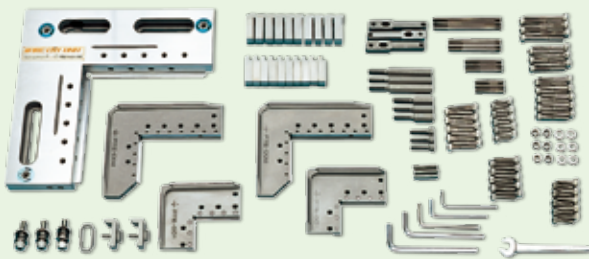
## A set



## B set

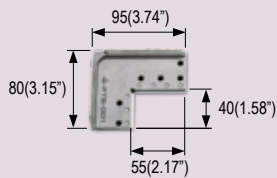


## C set

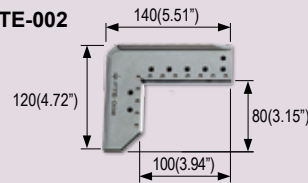


## Extension Plate (optional accessories)

PTE-001



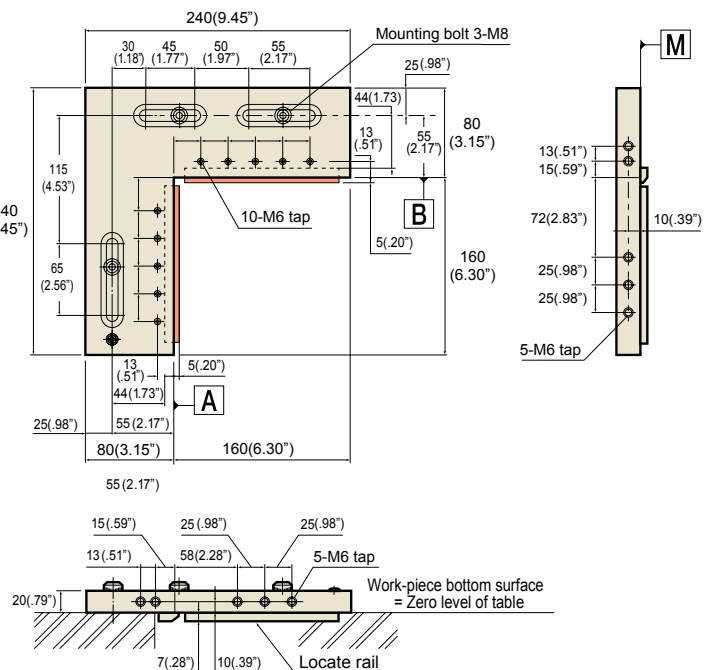
PTE-002



## Specification

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

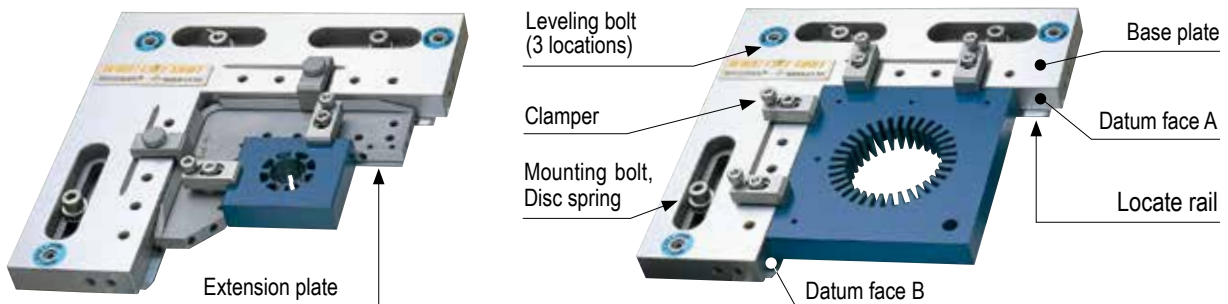
This unit uses stainless steel that is highly resistant to corrosion and wear.



## Set Contents

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

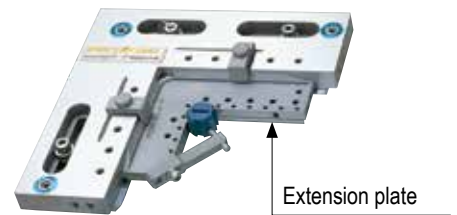
## Examples of uses



Large work-piece - Clamp on



Square work-piece - Side Clamp

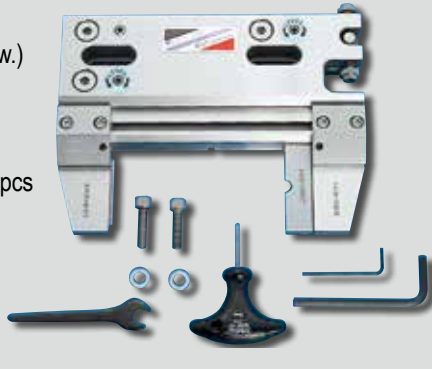


Small round work-piece – Side Clamp with the extension plate

**Set Contents**

<b>Model no.</b>
<b>MDV-501</b>

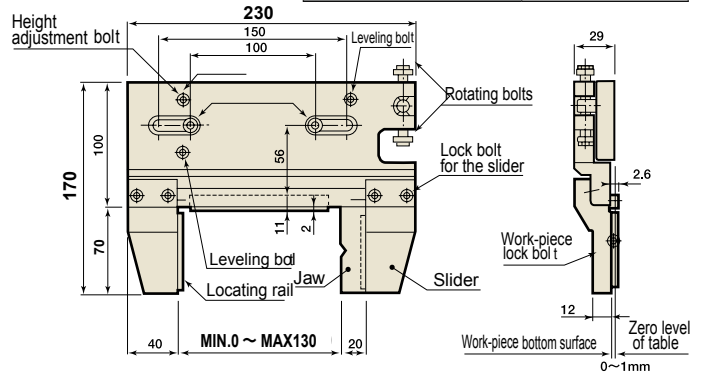
1. Main body set (including 2 Sliders, 1 Jaw.)
2. Hexagonal wrench 2.5, 4, 6mm : each 1pc
3. Spanner 10mm : 1pc
4. Mounting blot M8×25 : 2pcs  
Disc washer : 2pcs



**Specification**

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

<b>Max. work-piece dimensions</b>	130×100mm
<b>Max. work-piece weight</b>	3kgs
<b>Main body weight</b>	5kgs
<b>Material</b>	SUS420J2(Stainless steel)
<b>Hardness</b>	50HRC



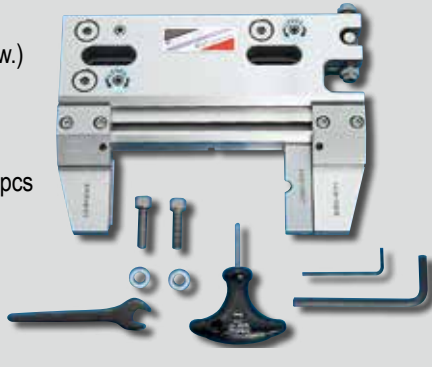
**Optional accessories**

Name	Model no.		Dimensions	Max. work-piece size
<b>Extension Jaw</b> For large work-pieces.	<b>JAE-501</b>			Max. work-piece dimensions : 170×100
<b>L Slider</b> For small work-pieces	<b>SRL-501</b>			Min. work-piece dimensions : 15×15×6t Max. work-piece dimensions : 40×60×30t
<b>V Slider</b> For round work-pieces	<b>SRV-501</b>			Min. work-piece dimensions : φ20×8t Max. work-piece dimensions : φ70×30t
<b>Sandwich Slider</b> For small and thin work-pieces	<b>SRS-501</b>			Max. work-piece dimensions : 60×60 t=6 ~ 20
<b>Clam on Slider</b> The work-piece can be clamped to the jaw using the clamper. The extension plate can also be used.	<b>SRC-501</b>			Max. work-piece dimensions : 130×130 t=18 ~ 35

**Set Contents**

<b>Model no.</b>
<b>MDV-501</b>

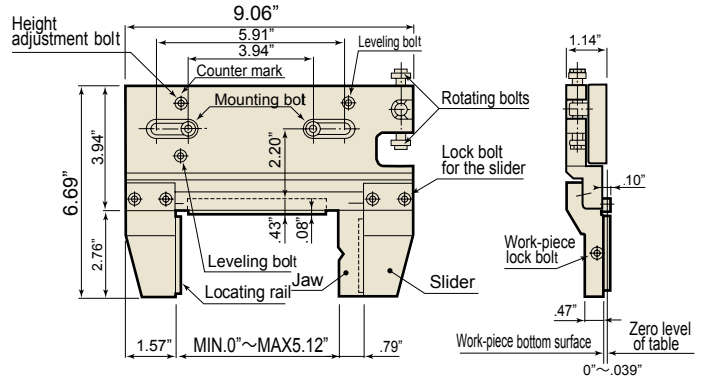
1. Main body set (including 2 Sliders, 1 Jaw.)
2. Hexagonal wrench 2.5, 4, 6mm : each 1pc
3. Spanner 10mm : 1pc
4. Mounting blot M8×25 : 2pcs  
Disc washer : 2pcs



**Specification**

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

<b>Max. work-piece dimensions</b>	5.12"×3.94"
<b>Max. work-piece weight</b>	6.6 lbs
<b>Main body weight</b>	11.0 lbs
<b>Material</b>	SUS420J2(Stainless steel)
<b>Hardness</b>	50HRC



**Optional accessories**

Name	Model no.		Dimensions	Max. work-piece size
<b>Extension Jaw</b> For large work-pieces.	<b>JAE-501</b>			Max. work-piece dimensions : 6.69"×3.94"
<b>L Slider</b> For small work-pieces	<b>SRL-501</b>			Min. work-piece dimensions : .59"×.59"×.24" Max. work-piece dimensions : 1.57"×2.36"×1.18"
<b>V Slider</b> For round work-pieces	<b>SRV-501</b>			Min. work-piece dimensions : dia..79"×.31" Max. work-piece dimensions : dia. 2.76"×1.18"
<b>Sandwich Slider</b> For small and thin work-pieces	<b>SRS-501</b>			Max. work-piece dimensions : 2.36"×2.36"×.24"~.79"
<b>Clam on Slider</b> The work-piece can be clamped to the jaw using the clammer. The extension plate can also be used.	<b>SRC-501</b>			Max. work-piece dimensions : 5.12"×5.12"×.71"~1.38"