

Wire EDM Clamps

EDM Accessories



B17-B48

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Wire EDM Clamp(Stainless Steel)



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Wire EDM Clamp(Stainless Steel)



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B37~48 >> **EDM Fixture Clamp(Stainless Steel)**

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C01~13 >> **Induction Block / Sine Magnetic Chuck**

54000 C01	54010 C01	54020 C02	54030 C03	54040 C04	54050 C05
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Wire EDM Extensions Clamp

53000 EW10 Wire EDM Clamp



Spec.: L80 x W22 x T8(M8)

Features :

- ▶ Suitable for using in WEDM machines.
- ▶ Adopting stainless steel with heat treatment, stable and distortion free.
- ▶ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC45°~50°

WIRE EDM EXTENSIONS CLAMP

53005 EW20 Wire EDM Clamp



Features :

- ▶ Suitable for using in WEDM machines.
- ▶ Adopting stainless steel with heat treatment, stable and distortion free.
- ▶ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC45°~50°

Unit:mm

Order No.	Model	Spec.	Mark	N.W.
53005-01	EW20-01	70x22x8	Ultra-thin	0.05kg
53005-02	EW20-02	70x22x12	Standard	0.10kg

53010 EW30 Wire EDM Clamp



Features :

- ▶ Suitable for using in WEDM machines.
- ▶ Adopting stainless steel with heat treatment, stable and distortion free.
- ▶ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC45°~50°

Unit:mm

Order No.	Model	Spec.	Mark	N.W.
53010-01	EW30-01	90x22x8	Ultra-thin	0.05kg
53010-02	EW30-02	90x22x12	Standard	0.10kg

53015 EW40 Wire EDM Extensions Fixed Block



Spec.: L50 x W20 x T5 (M6 x 3)

Features :

- ▲ Suitable for using in WEDM machines.
- ▲ Adopting stainless steel with heat treatment, stable and distortion free.
- ▲ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC50°~55°

53020 EW50 Wire EDM Extensions Fixed Block



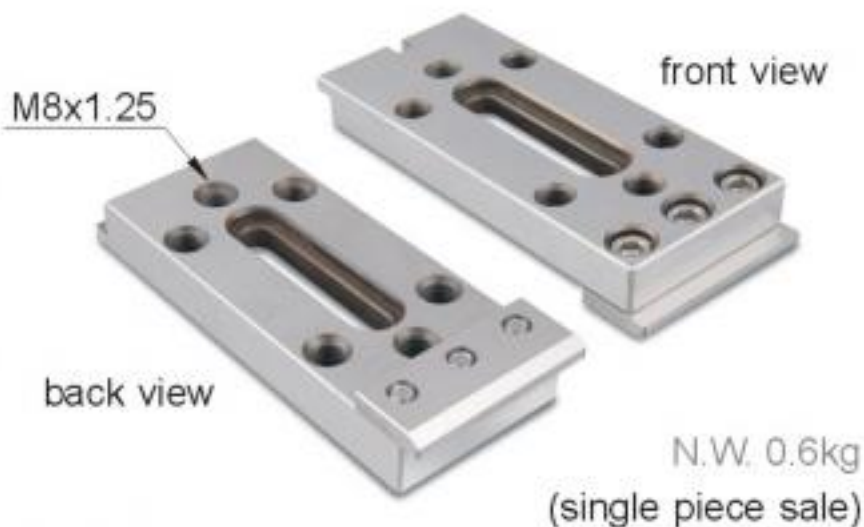
Spec.: L65 x W20 x T5 (M5 x 4)

Features :

- ▲ Suitable for using in WEDM machines.
- ▲ Adopting stainless steel with heat treatment, stable and distortion free.
- ▲ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC50°~55°

53025 EW60 Wire EDM Extensions Clamp



Spec.: L120 x W50 x T15 + H5(M8)

Features :

- ▲ Suitable for using in WEDM machines.
- ▲ Adopting stainless steel with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▲ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC50°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

WIRE EDM EXTENSIONS CLAMP

Wire EDM Extensions Clamp

53030

EW70

Wire EDM Extensions Clamp



Spec.: L120 x W100 x T15 + H5(M8)

Features :

- ▶ Suitable for using in WEDM machines.
- ▶ Adopting stainless steel with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC50 ^o ~55 ^o
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

53035

EW80

Wire EDM Extensions Clamp



Spec.: L120 x W200 x T15 + H5(M8)

Features :

- ▶ Suitable for using in WEDM machines.
- ▶ Adopting stainless steel with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC50 ^o ~55 ^o
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

53040
EW90
Wire EDM Extensions Clamp


back view

front view

M8x1.25

N.W. 1.7kg

(single piece sale)

Spec.: L220 x W60 x T20 + H5(M8)

Features :

- ▶ Suitable for using in WEDM machines.
- ▶ Adopting stainless steel with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC50 ^o ~55 ^o
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

 WIRE EDM
EXTENSIONS CLAMP

53045
EW100
Wire EDM Extensions Clamp


back view

front view

M8x1.25

N.W. 0.8kg

(single piece sale)

Spec.: L120 x W65 x T15 + H5(M8)

Features :

- ▶ Suitable for using in WEDM machines.
- ▶ Adopting stainless steel with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC50 ^o ~55 ^o
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Wire EDM Extensions Clamp

53050

EWA

Wire EDM Extensions Clamp Kit



N.W. 6.6kg

Features :

- ▲ Suitable for using in WEDM machines.
- ▲ Adopting stainless steel with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▲ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Kits including

No.	Kits Model	Q'ty	Page
53000	EW10	2PCS	Refer to P. B17~20
53005-02	EW20-2	2PCS	
53010-02	EW30-2	2PCS	
53025	Ew60	3PCS	
53035	EW80	1PCS	

53055

EWB

Wire EDM Extensions Clamp Kit



N.W. 6.6kg

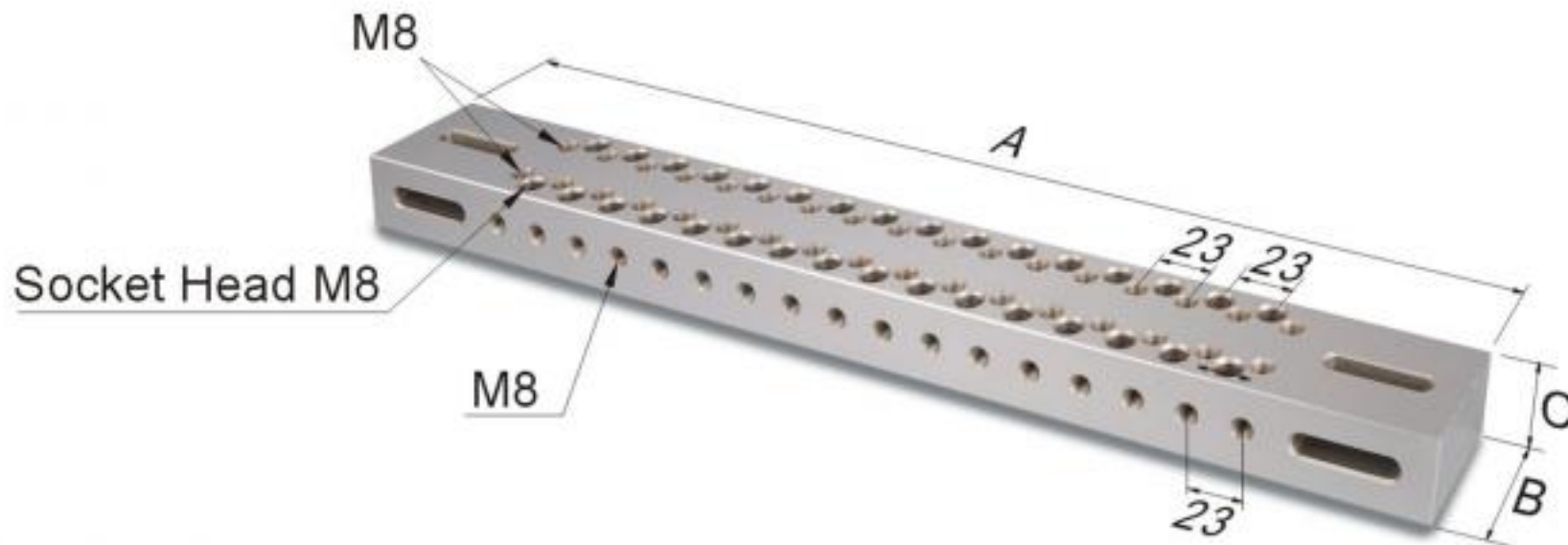
Features :

- ▲ Suitable for using in WEDM machines.
- ▲ Adopting stainless steel with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▲ Based on the type of WEDM machines and workpiece applied, it can make various combinations.

Material	SUS440
Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Kits including

No.	Kits Model	Q'ty	Page
53000	EW10	2PCS	Refer to P. B17~20
53005-02	EW20-2	2PCS	
53010-02	EW30-2	2PCS	
53045	EW100	6PCS	

53060
WPA
Wire EDM Ruler

Features :

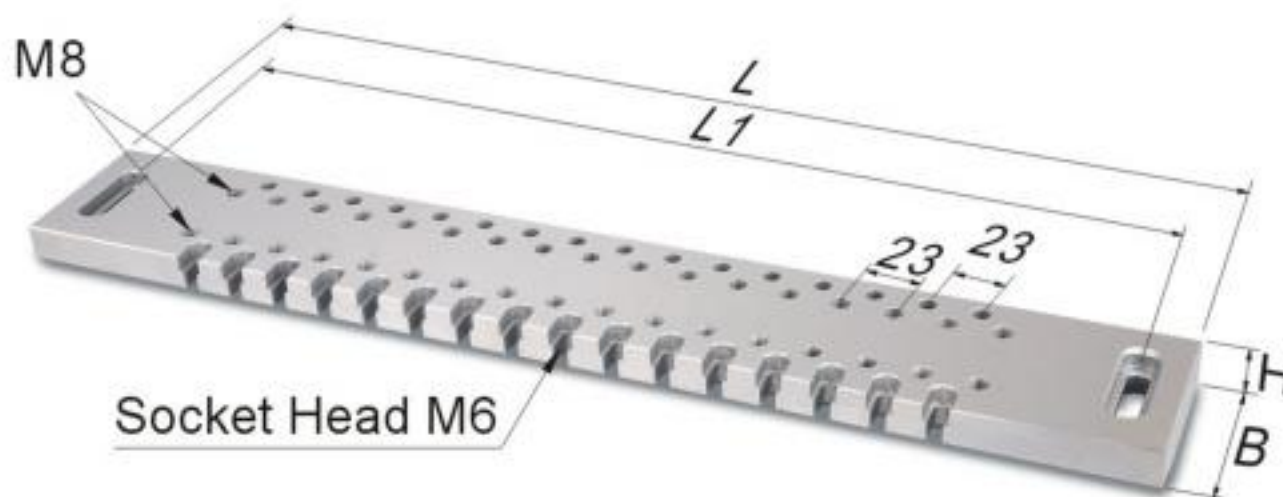
- ▶ Suitable for large & heavy workpieces, application in Wire EDM machines.
- ▶ Adopting stainless steel with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.

Material	SUS440
Hardness	HRC50°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Order No.	Model	A	B	C	N.W.
53060-01	WPA-370	370	50	30	4.00kg
53060-02	WPA-450	450	50	30	5.00kg
53060-03	WPA-520	520	50	35	7.00kg
53060-04	WPA-550	550	60	35	9.00kg
53060-05	WPA-650	650	60	35	10.5kg

Unit:mm

WIRE EDM EXTENSIONS CLAMP

53065
WPB
Wire EDM Ruler

Features :

- ▶ Suitable for large & heavy workpieces, application in Wire EDM machines.
- ▶ Adopting stainless steel with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.

Material	SUS440
Hardness	HRC50°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Order No.	Model	L	L1	B	H	N.W.
53065-01	WPB-370	370	320	75	20	4.00kg
53065-02	WPB-480	480	430	75	20	5.20kg
53065-03	WPB-520	520	480	75	20	6.00kg
53065-04	WPB-550	550	500	90	22	8.20kg
53065-05	WPB-600	600	550	90	22	9.00kg
53065-06	WPB-650	650	600	90	22	10.0kg
53065-07	WPB-750	750	700	90	22	11.3kg

Unit:mm

Wire EDM Extensions Clamp

53068

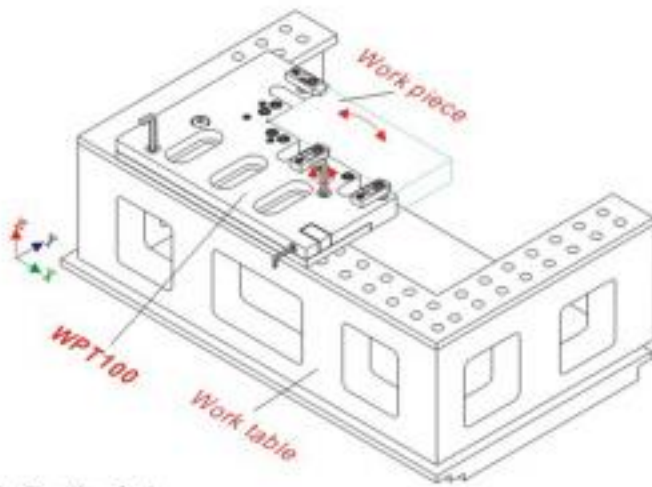
WPT100

Adjustable Fixture For EDM

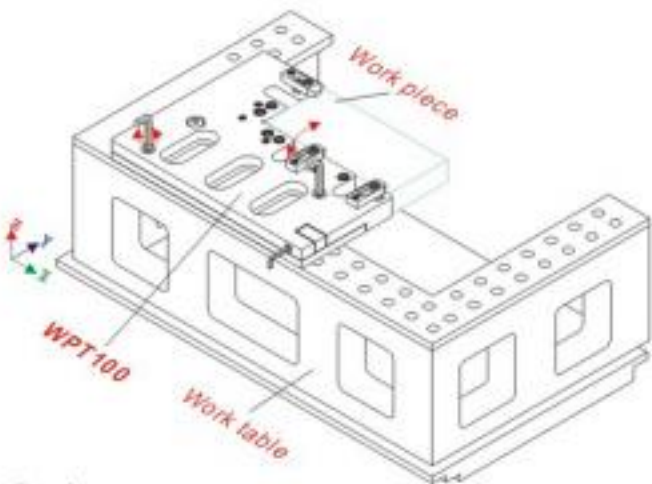


N.W. 6.8kg

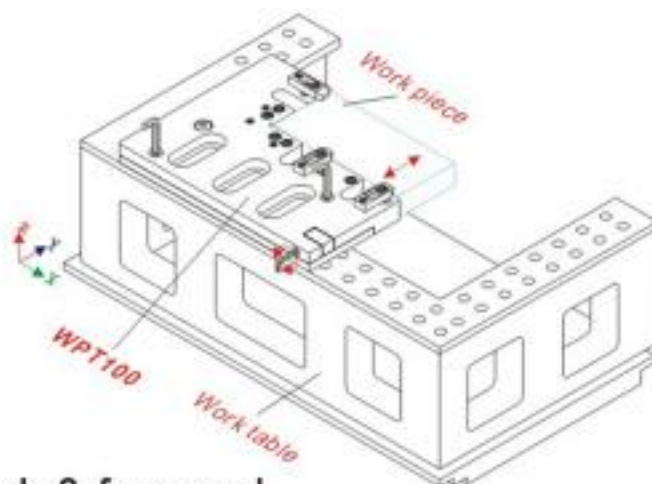
X,Y,Z axis fine-tuning illustration



1. left & right



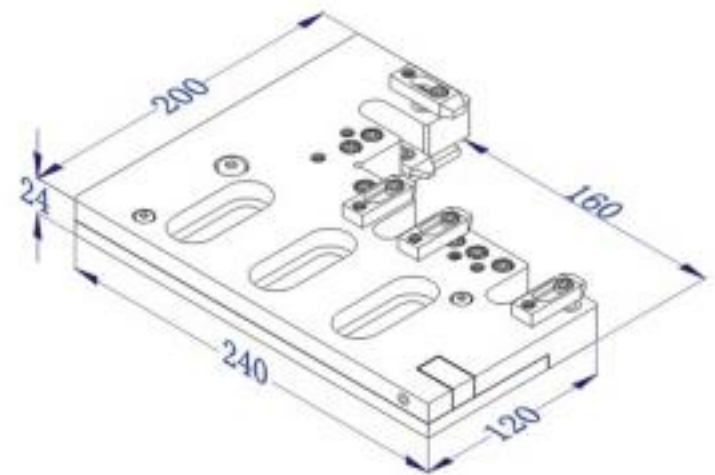
2. Up & down



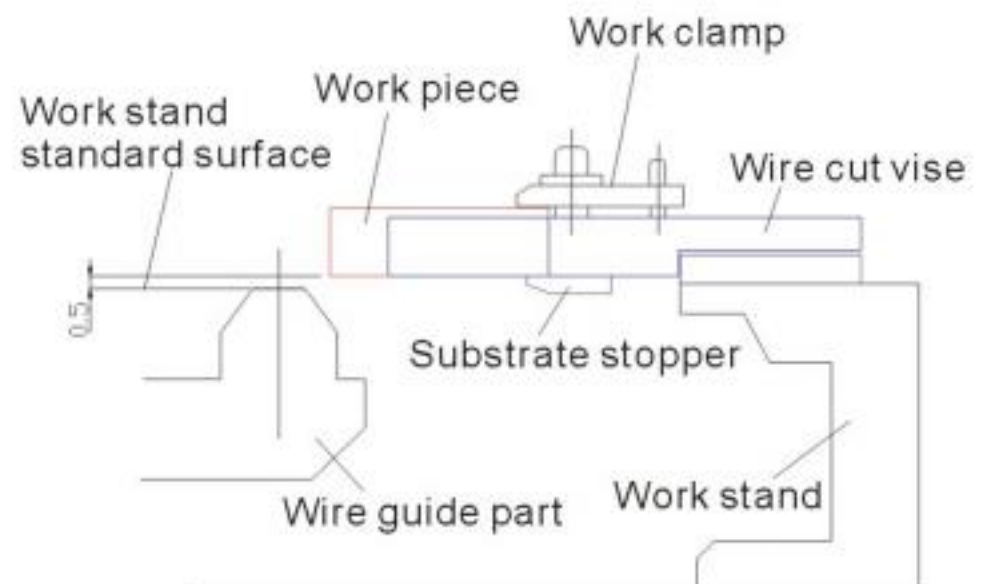
3. back & forward

Features :

- ▶ Adopting stainless steel(ASSAB-STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With X, Y, and Z axis fine-tuning function.
- ▶ Hardness: HRC45°~ 55°
- ▶ Parallelism: within 0.003/100mm
- ▶ Squareness: within 0.005/100mm



Installation illustration



53070

WPT200

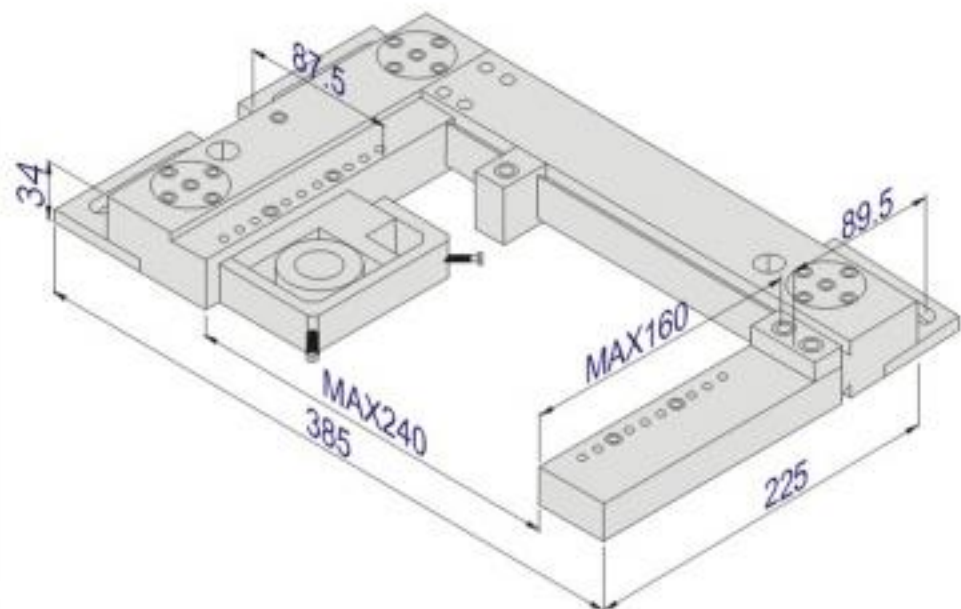
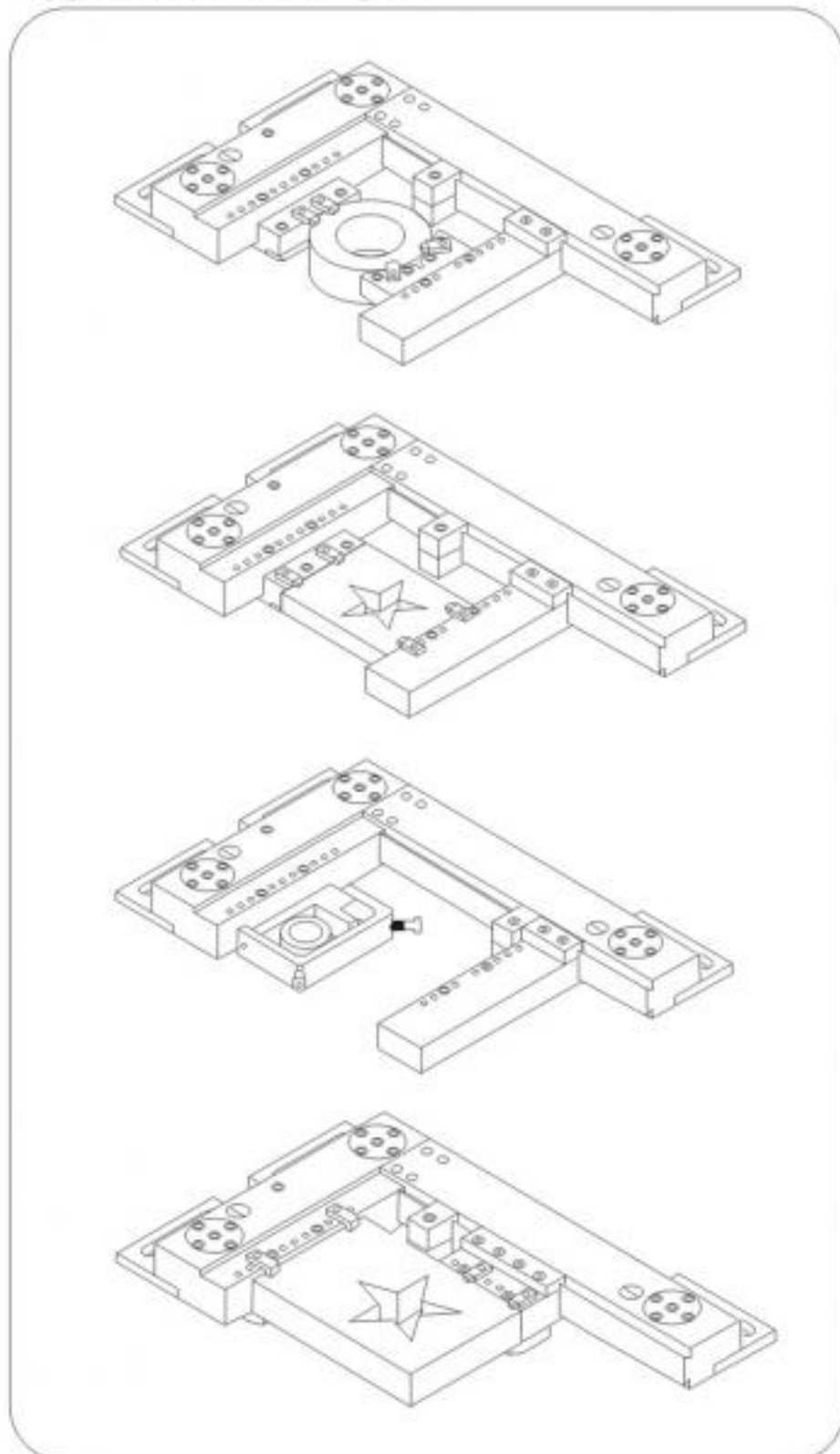
Levelling Adjustable Universal Fixture



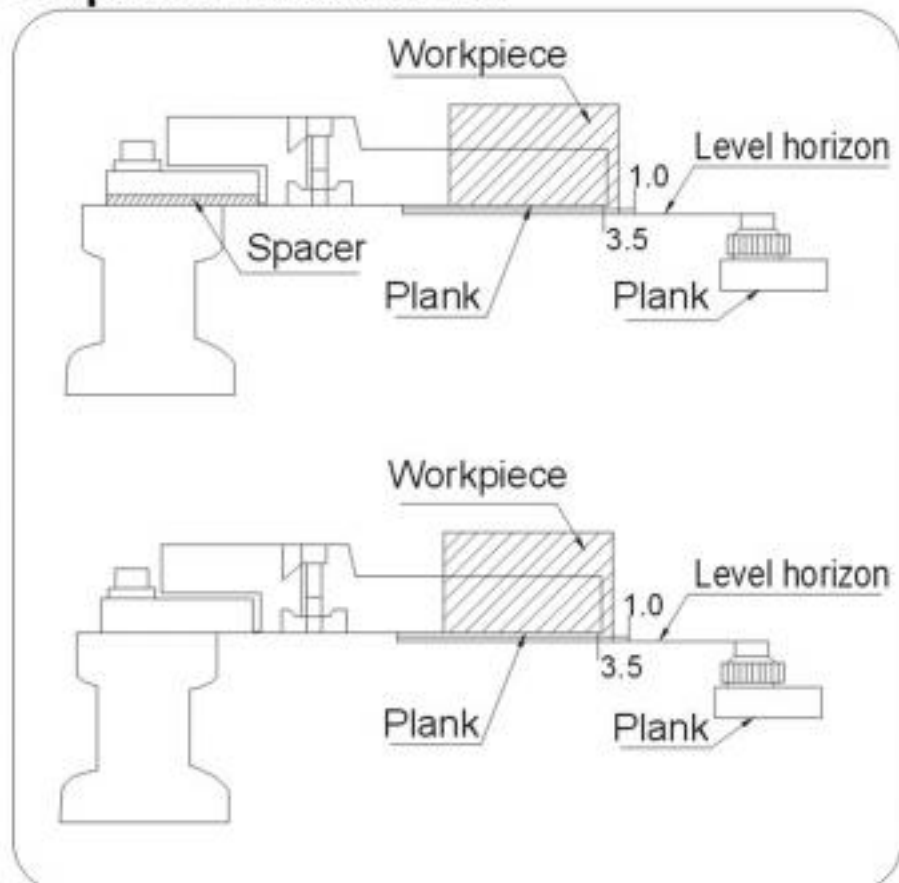
Features :

- ▶ Suitable for using in WEDM machines.
- ▶ Adopting stainless steel (ASSAB-STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ Suitable for large and heavy workpieces' application.

Application example:



Graphic of installation:



WIRE EDM
EXTENSIONS CLAMP

Wire EDM Extensions Clamp

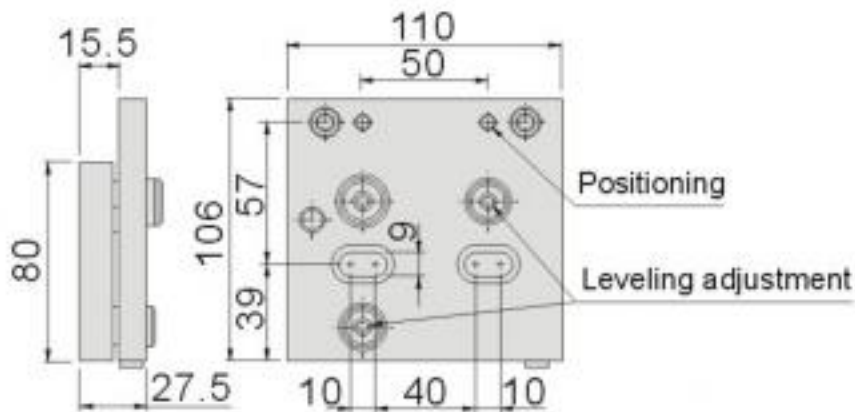
53100

WST001

Leveling Base



N.W. 1.8kg



Features :

- ▶ Suitable for using in WEDM machines and based on the processing needs, install with precision vise, V-block or parallel sets.
- ▶ Adopting high quality stainless steel (ASSAB-STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ Suitable for small, thin and round workpieces' application.
- ▶ 3-axis can be adjustable via applying hex wrench.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

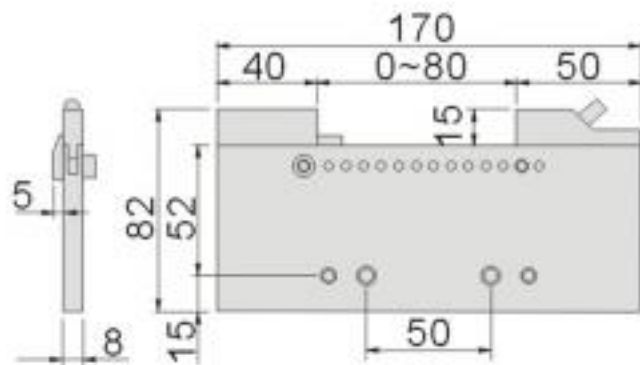
53105

WST080

Precision Wire EDM Vise



N.W. 0.8kg



Features :

- ▶ Adopting high quality stainless steel (ASSAB-STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ Can be installed with "Leveling base WST001", 3-axis can be adjustable via applying hex wrench.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Application example
with Leveling base

53100-05(WST001+WST080)



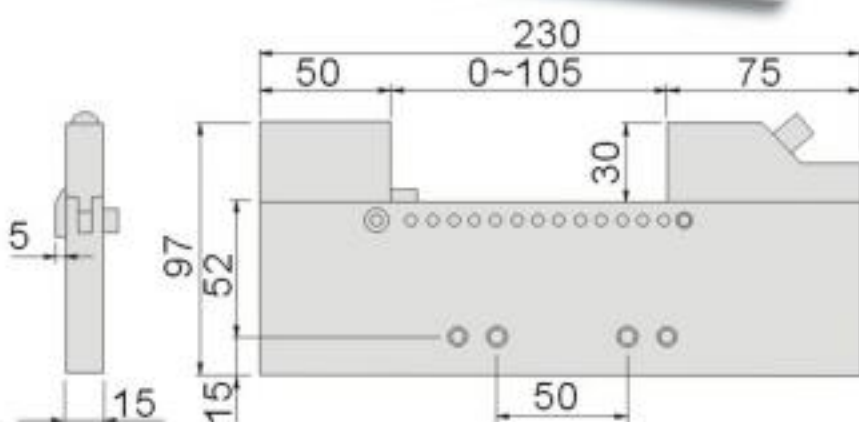
53110

WST100

Precision Wire EDM Vise



N.W. 2.0kg



Features :

- ▶ Adopting high quality stainless steel (ASSAB-STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ Can be installed with "Leveling base WST001", 3-axis can be adjustable via applying hex wrench.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Application example
with Leveling base

53100-10(WST001+WST100)



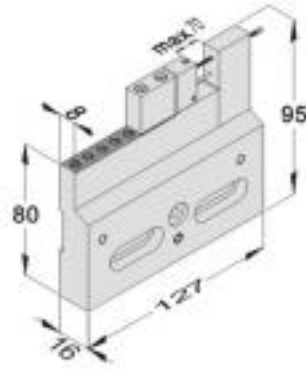
53112

WAV35

Wire EDM Vise



N.W. 1.08kg



Features :

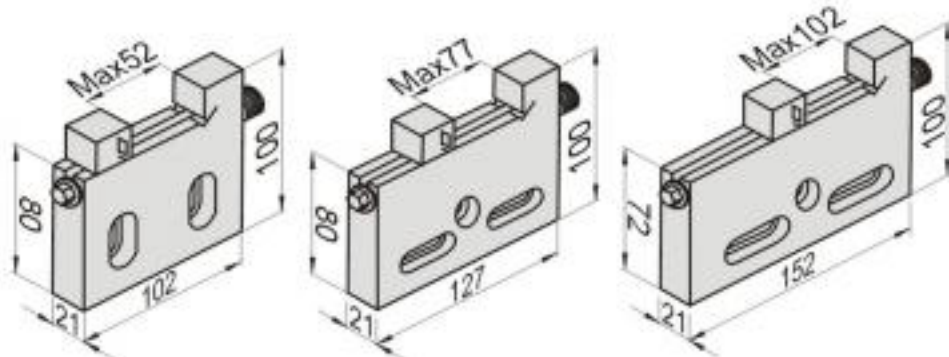
- ▶ Adopting high quality stainless steel (ASSAB-STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With manual screw design, it is suitable for small workpieces' application.
- ▶ High precision thanks to the special structure design.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

53115

WAV

Wire EDM Vise



Features :

- ▶ Adopting high quality stainless steel(SUS440) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With manual screw design, it is suitable for small workpieces' application.
- ▶ High precision thanks to the special structure design.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

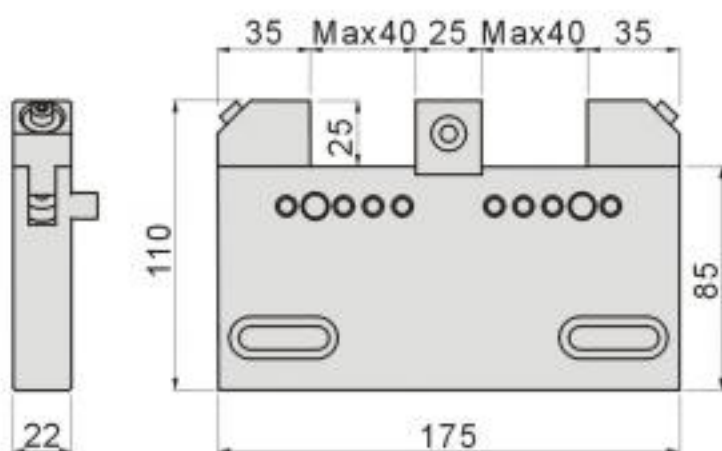
Unit:mm

Order No.	Model	Clamping range		N.W.
		Max.	Depth	
53115-01	WAV50	52	20	1.1kg
53115-02	WAV75	77	20	1.8kg
53115-03	WAV100	102	28	2.0kg

53120

WBV40

Wire EDM Vise



Features :

- ▶ Adopting high quality stainless steel (ASSAB-STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ Quick dismantle function with 2 workpieces can be clamped at the same time.
- ▶ Lean angle design for the jaws, stronger clamping force and no floating. High water pressure resistance.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Unit:mm

Clamping range			N.W.
Max.	Thickness	Depth	
40	22	25	2.8kg

WIRE EDM EXTENSIONS CLAMP

Wire EDM Extensions Clamp

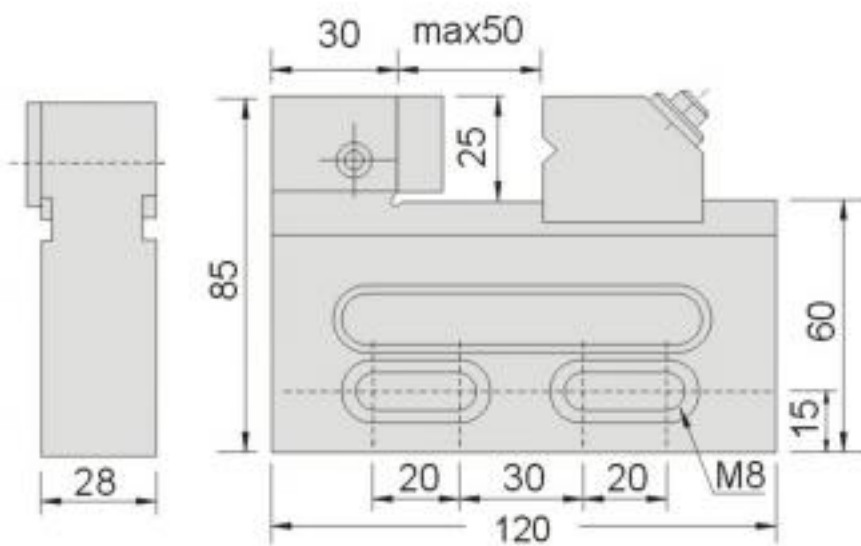
53125 WPV50 Stainless Precision Vise For EDM



Features :

- ▶ Adopting high quality stainless steel(SUS420) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With 45° lock down design, workpiece anti-floating when clamp.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm



Clamping range			Unit:mm
Max.	Thickness	Depth	N.W.
50	28	25	1.4kg

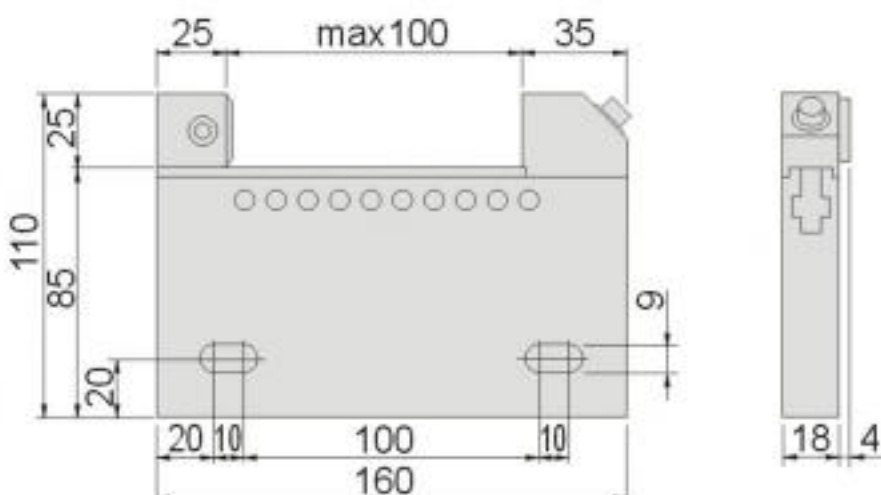
53130 WPV90 Stainless Precision Vise For EDM



Features :

- ▶ Adopting high quality stainless steel (ASSAB-STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ Suitable for small and thin workpieces' application.
- ▶ With 45° lock down design, workpiece anti-floating when clamp.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm



Clamping range			Unit:mm
Max.	Thickness	Depth	N.W.
100	18	25	2.8kg

WIRE EDM EXTENSIONS CLAMP

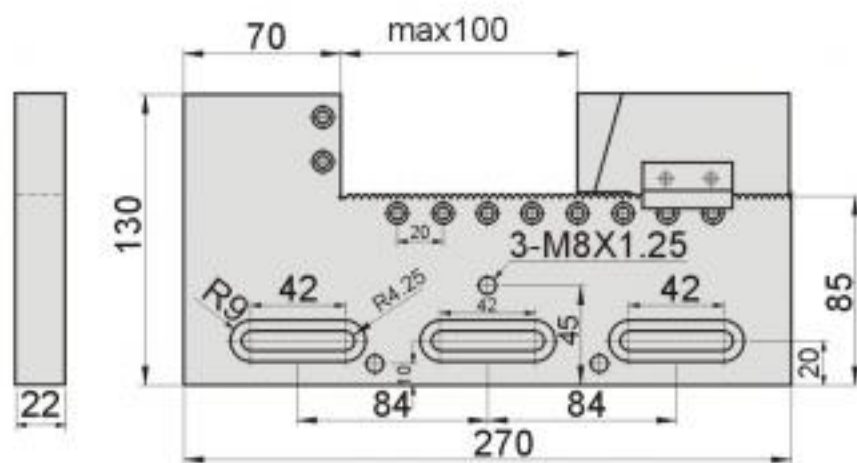
53135 WPV100 Stainless Precision Vise For EDM



Features :

- ▶ Adopting high quality stainless steel (ASSAB STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With 45° lock down design, workpiece anti-floating when clamp.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm



Unit:mm

Clamping range			N.W.
Max.	Thickness	Depth	
100	22	45	5.0kg

WIRE EDM EXTENSIONS CLAMP

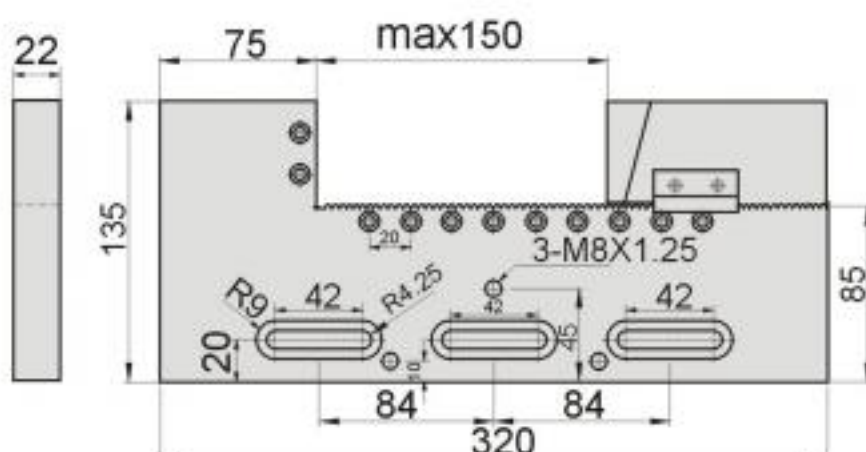
53140 WPV150 Stainless Precision Vise For EDM



Features :

- ▶ Adopting high quality stainless steel (ASSAB STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With 45° lock down design, workpiece anti-floating when clamp.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm



Unit:mm

Clamping range			N.W.
Max.	Thickness	Depth	
150	22	50	5.6kg

Wire EDM Extensions Clamp

53145 WPV Stainless Precision Vise For EDM



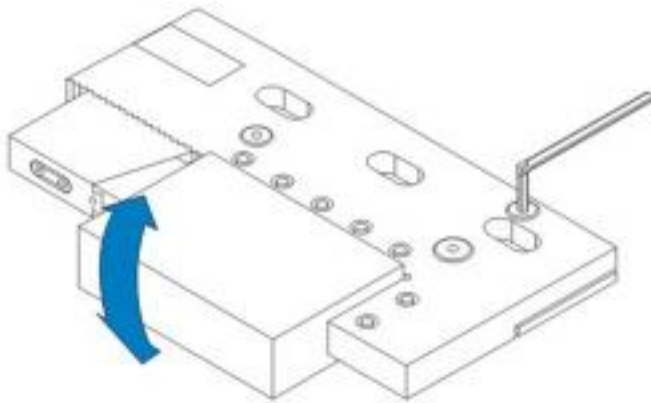
Features :

- ▶ Adopting high quality stainless steel (ASSAB STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With 45° lock down design, workpiece anti-floating when clamp.
- ▶ 3-axis can be adjustable in this model.
- ▶ High water pressure resistance when clamping.

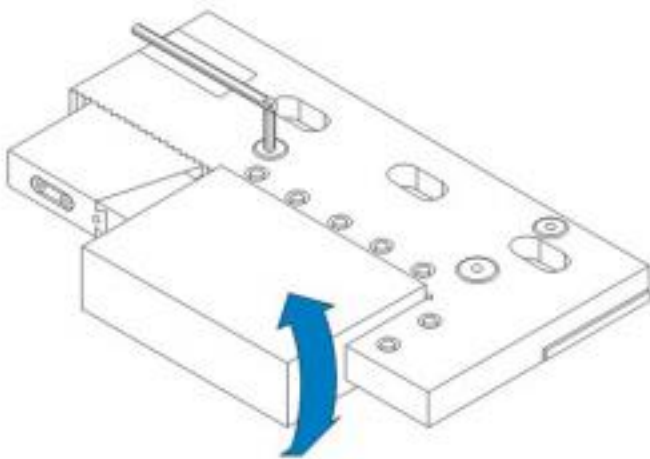
Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

WIRE EDM EXTENSIONS CLAMP

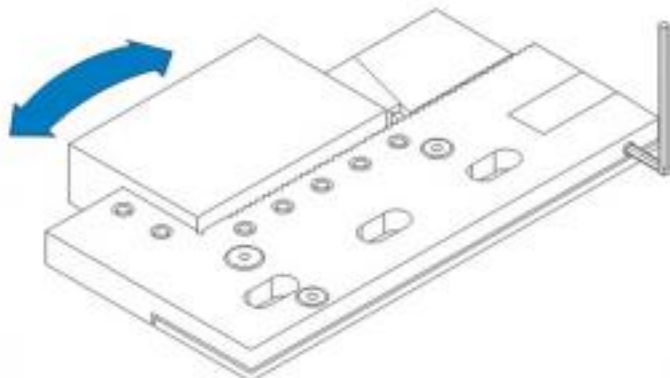
Leveling adjustment



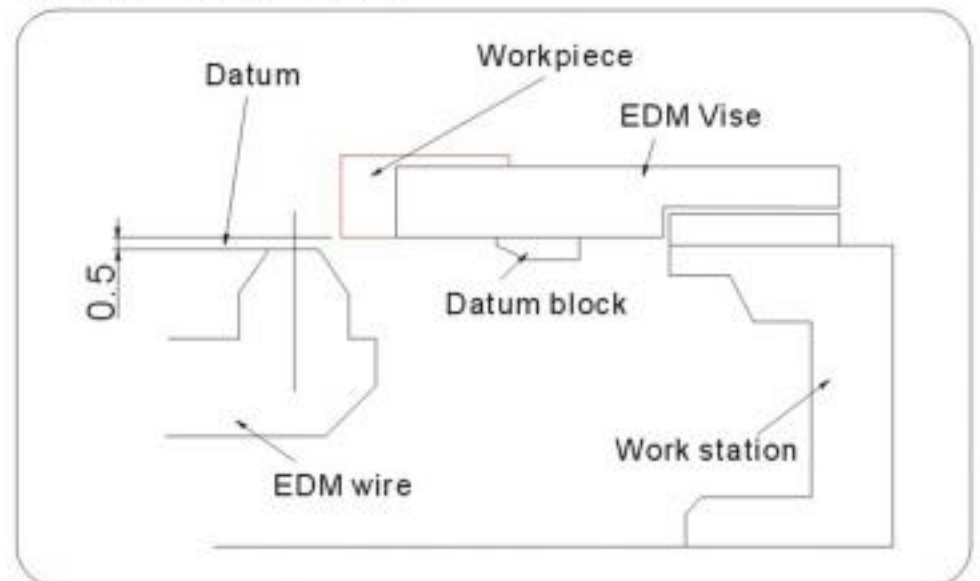
Leveling adjustment



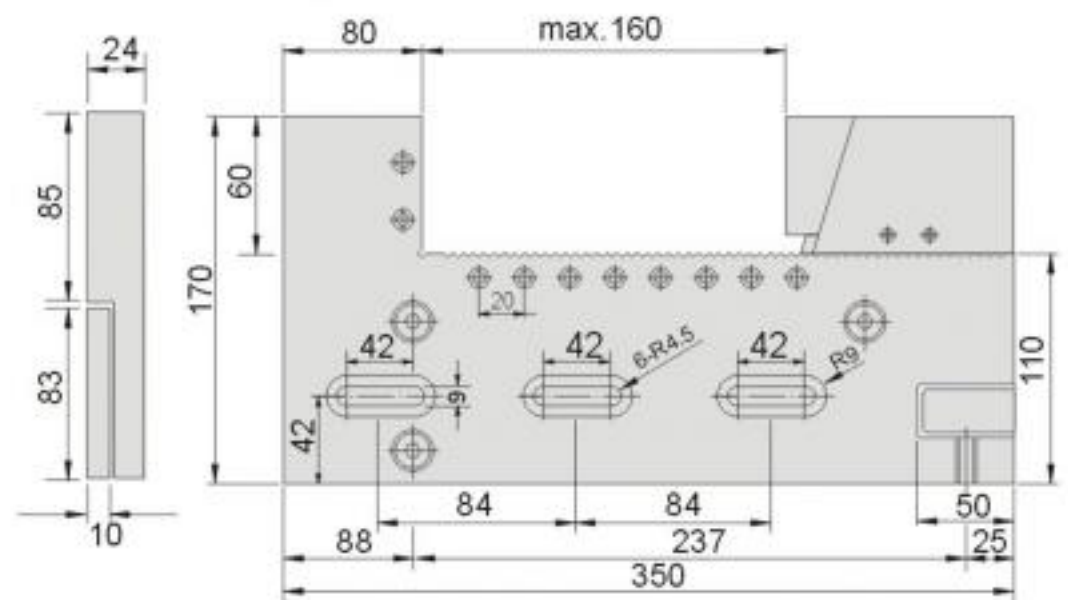
Parallel adjustment



Graphic of installation



WPV320 spec



Unit:mm

Order No.	Model	Spec	Clamping range		N.W.
			Max.	Depth	
53145-01	WPV280	24x170x270	100	50	8.5kg
53145-02	WPV320	24x170x350	160	60	8.6kg

53148

WPV

Stainless Precision Vise For EDM

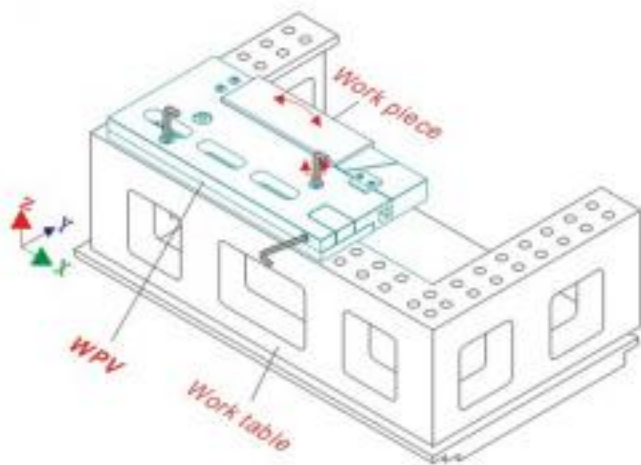


WPV300

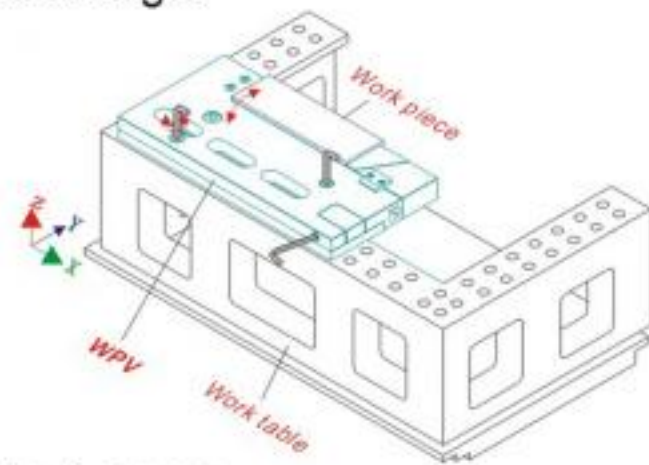


WPV240

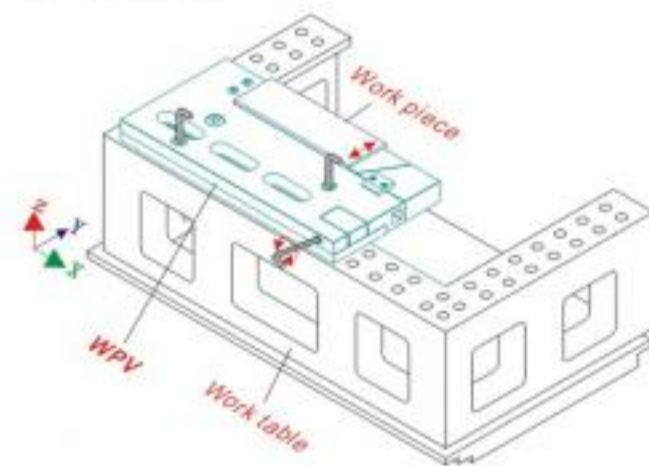
X,Y,Z axis fine-tuning illustration



1.left & right



2.Up & down

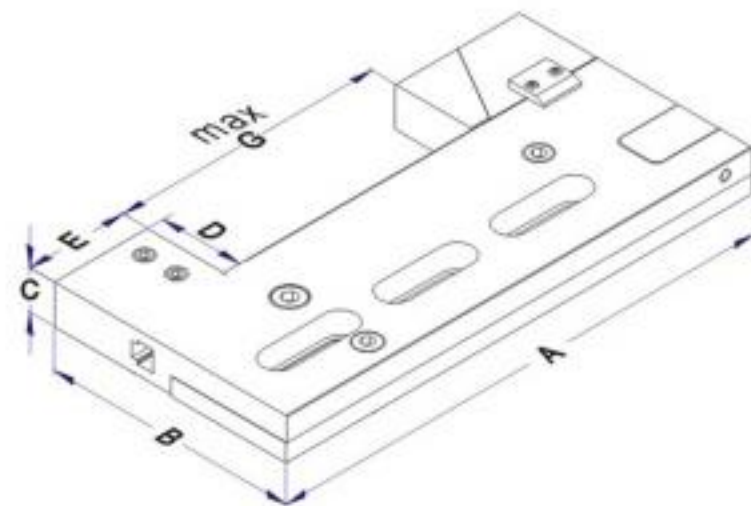


3.back & forward

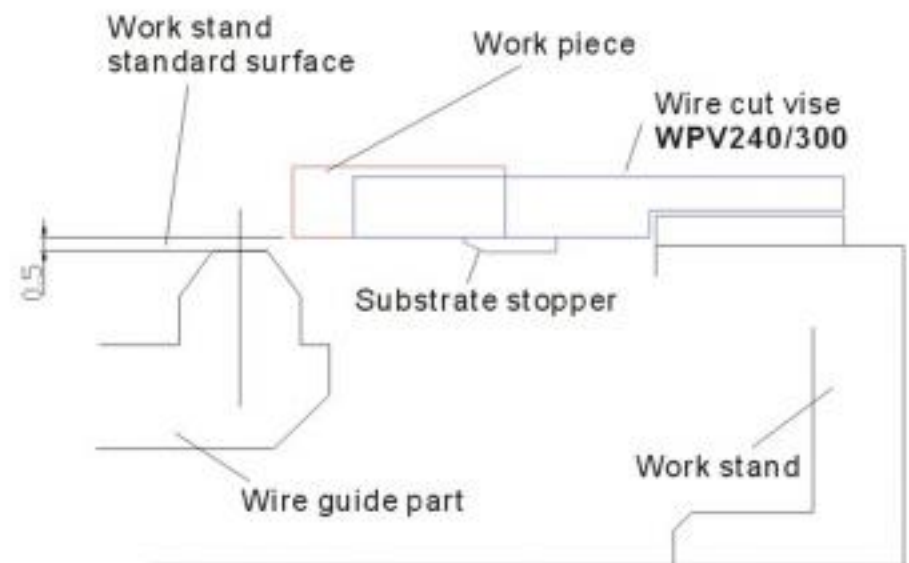
Features :

- ▶ Adopting stainless steel(SUS440) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With X,Y, and Z axis fine-tuning function.

Material	SUS440
Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm



Installation illustration



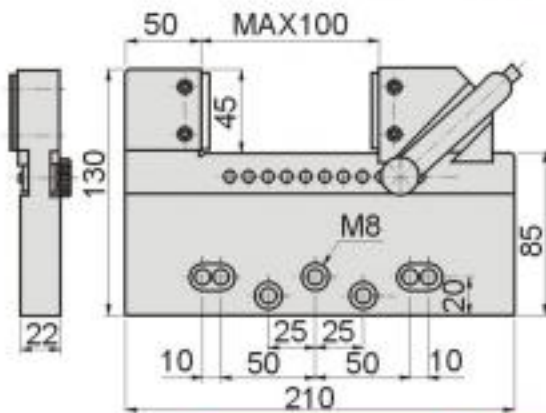
Order No.	Model	A	B	C	D	E	G	N.W.
53148-01	WPV240	245	160	24	50	55	100	5.4kg
53148-02	WPV300	300	160	24	50	60	150	7.8kg

Unit:mm

WIRE EDM EXTENSIONS CLAMP

Wire EDM Extensions Clamp

53150 WEV100 Stainless Precision Vise For EDM



Features :

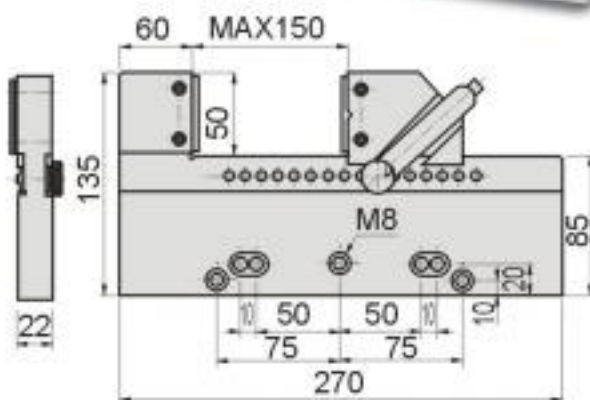
- ▶ Adopting high quality stainless steel (ASSAB STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With 45° lock down design, workpiece anti-floating when clamp.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Unit:mm

Clamping range			N.W.
Max.	Thickness	Depth	
100	22	45	3.0kg

53155 WEV150 Stainless Precision Vise For EDM



Features :

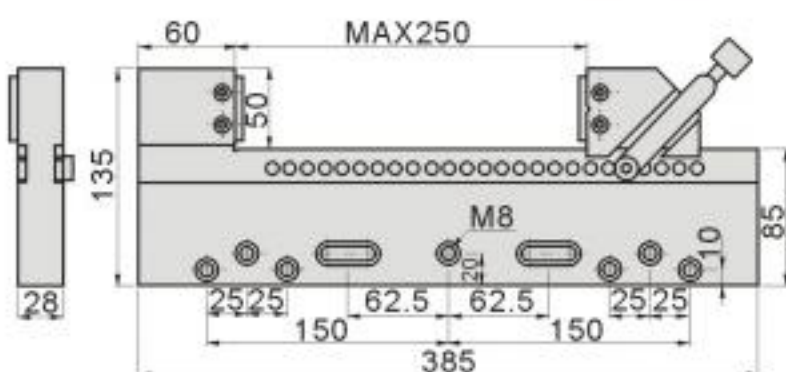
- ▶ Adopting high quality stainless steel (ASSAB STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With 45° lock down design, workpiece anti-floating when clamp.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Unit:mm

Clamping range			N.W.
Max.	Thickness	Depth	
150	22	50	4.0kg

53160 WEV250 Stainless Precision Vise For EDM



Features :

- ▶ Adopting high quality stainless steel (ASSAB STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With 45° lock down design, workpiece anti-floating when clamp.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Unit:mm

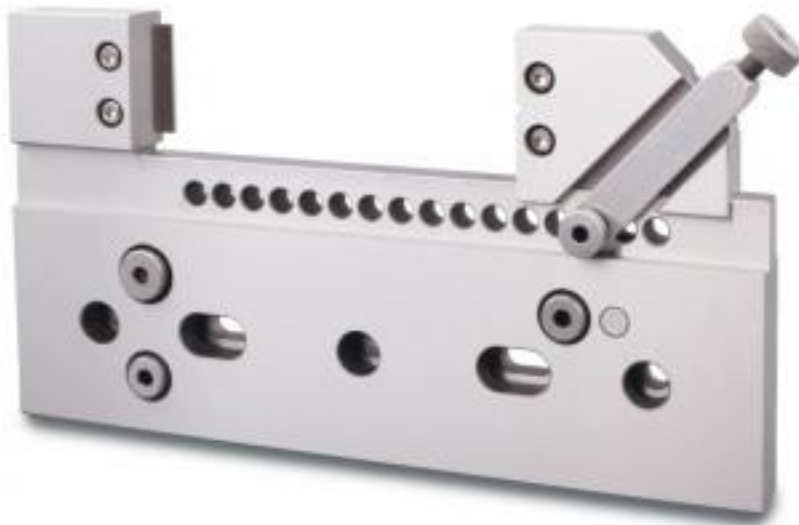
Clamping range			N.W.
Max.	Thickness	Depth	
250	28	50	5.5kg

WIRE EDM EXTENSIONS CLAMP

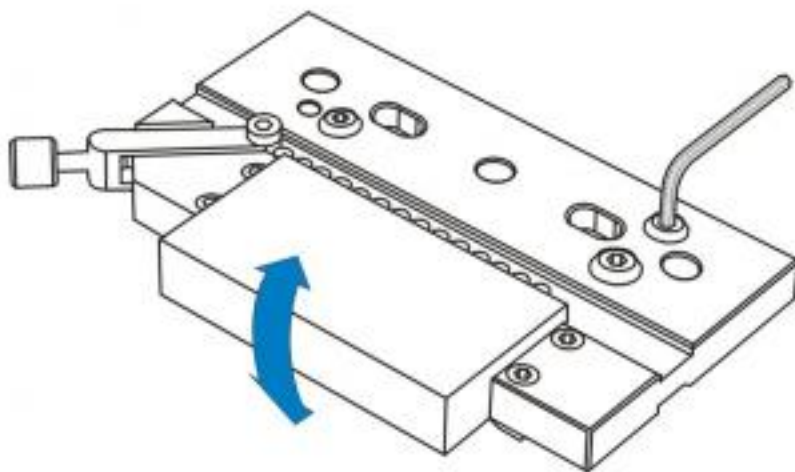
53165

WEV280

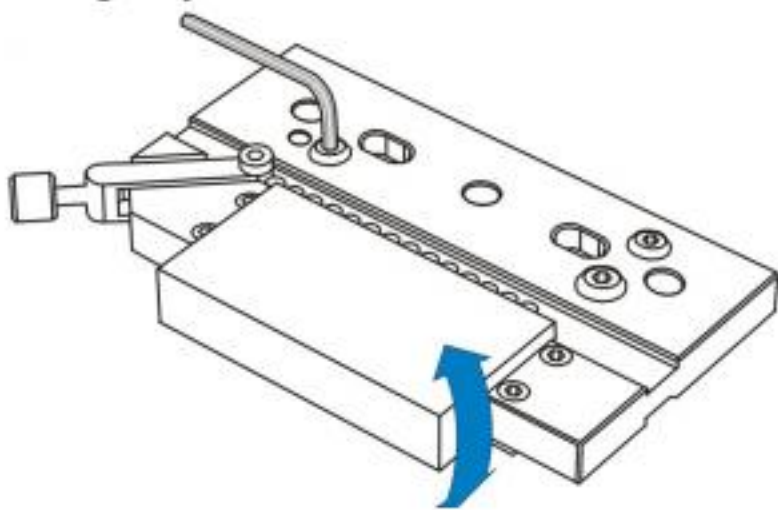
Stainless Precision Vise For EDM



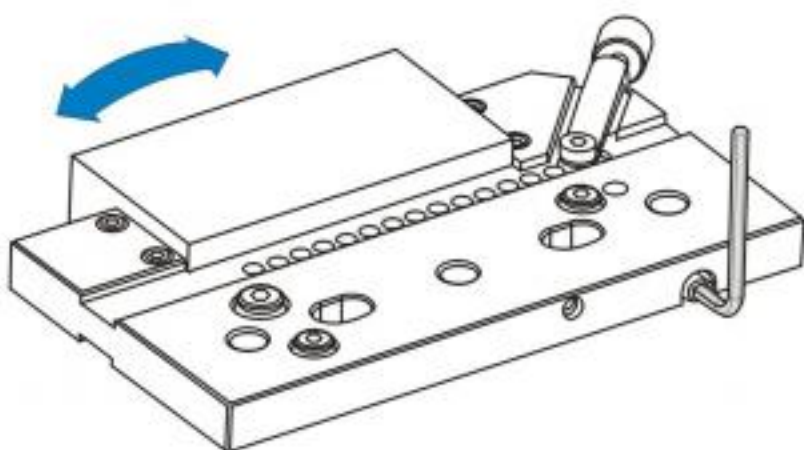
Leveling adjustment



Leveling adjustment



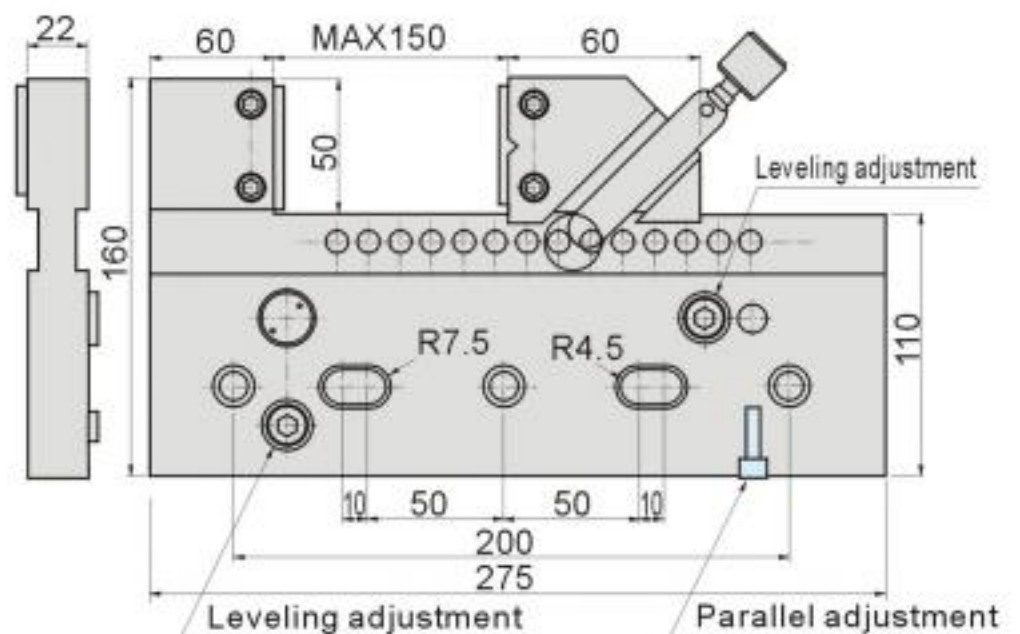
Parallel adjustment



Features :

- ▶ Adopting high quality stainless steel (ASSAB STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With 45° lock down design, workpiece anti-floating when clamp.
- ▶ 3-axis can be adjustable in this model.
- ▶ High water pressure resistance when clamping.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm



Unit:mm

Clamping range			N.W.
Max.	Thickness	Depth	
150	22	50	5.5kg

WIRE EDM
EXTENSIONS CLAMP

Wire EDM Extensions Clamp

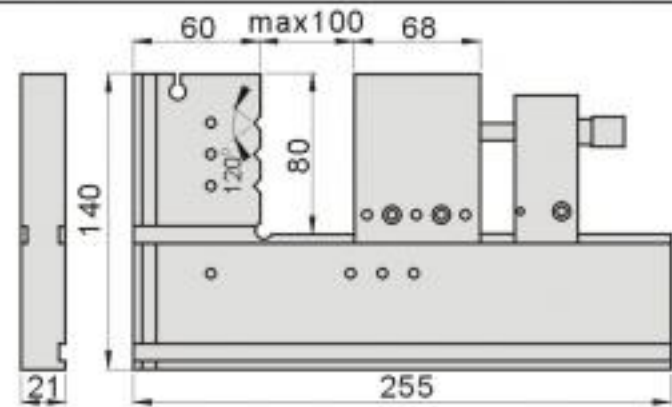
53168 WFV100 Stainless Precision Vise For EDM



Features :

- ▶ Adopting high quality stainless steel (SUS440) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With screw bar design, workpieces can be easily and rapidly clamped to any suitable sizes.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm



53170 WHV Stainless Precision Vise For EDM

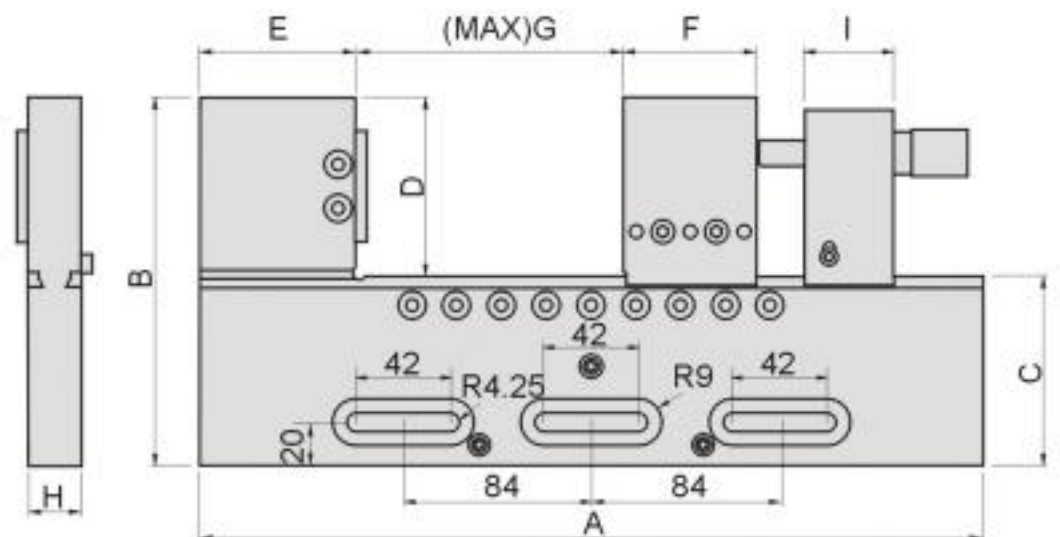
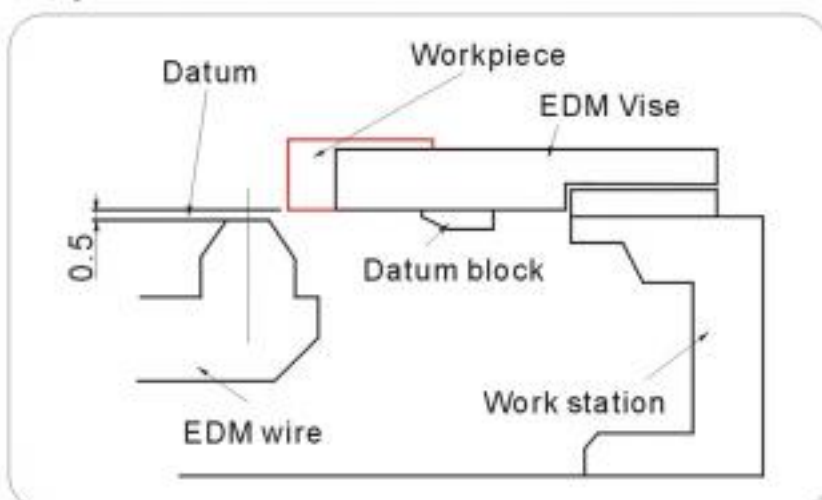


Features :

- ▶ Adopting high quality stainless steel (SUS440) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With screw bar design, workpieces can be easily and rapidly clamped to any suitable sizes.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Graphic of installation



Unit:mm

Order No.	Model	A	B	C	D	E	F	G	H	I	N.W.
53170-01	WHV100	275	135	85	50	60	60	120	24	35	5.5kg
53170-02	WHV150	350	145	85	60	70	60	180	24	35	7.5kg

WIRE EDM EXTENSIONS CLAMP

53175

WHV

Stainless Precision Vise For EDM

WHV260



WHV350



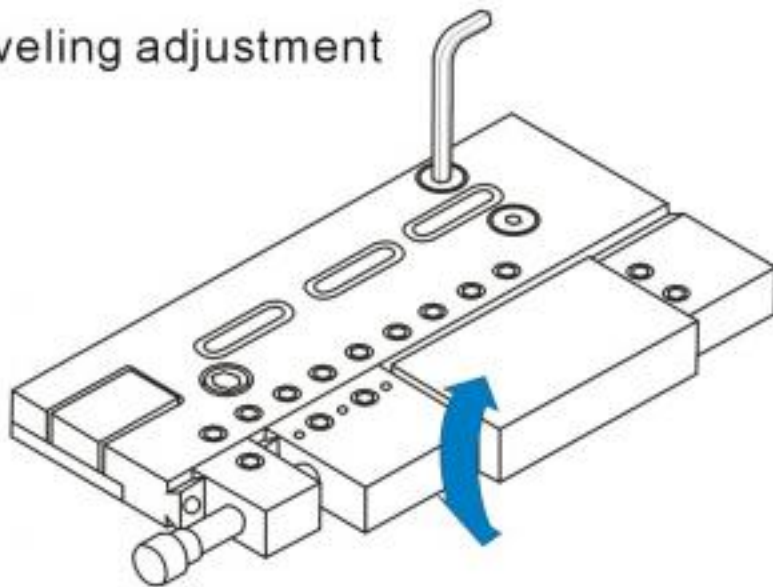
Features :

- ▶ Adopting high quality stainless steel (SUS420) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With screw bar design, workpieces can be easily and rapidly clamped to any suitable sizes.

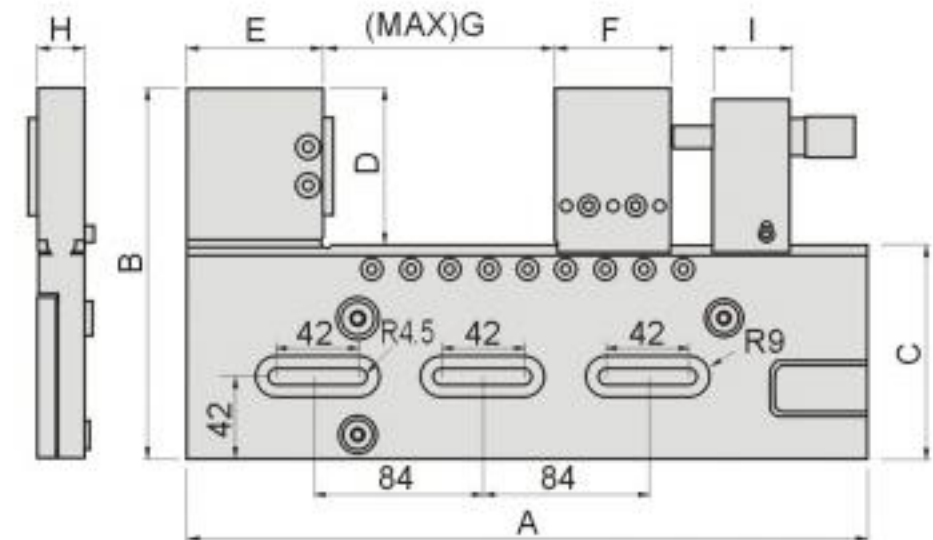
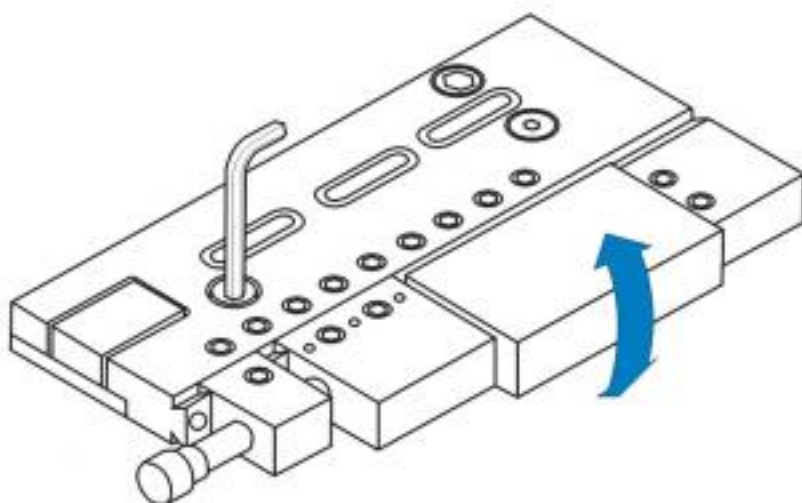
Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

WIRE EDM EXTENSIONS CLAMP

Leveling adjustment

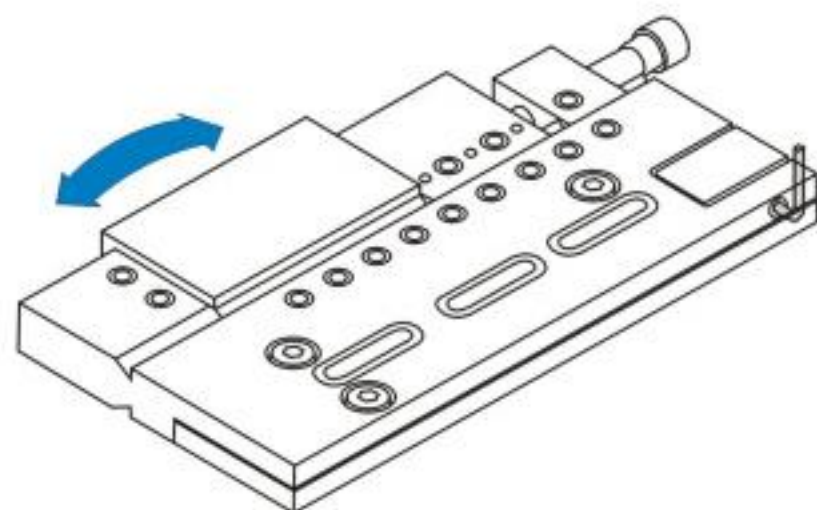


Leveling adjustment



WHV350

Parallel adjustment



Unit:mm

Order No.	Model	A	B	C	D	E	F	G	H	I	N.W.
53175-01	WHV260	275	160	110	50	60	60	120	24	35	7.0kg
53175-02	WHV350	350	170	110	60	70	60	180	24	35	9.0kg

Wire EDM Extensions Clamp

53180

WCV280

Stainless Precision Vise For EDM

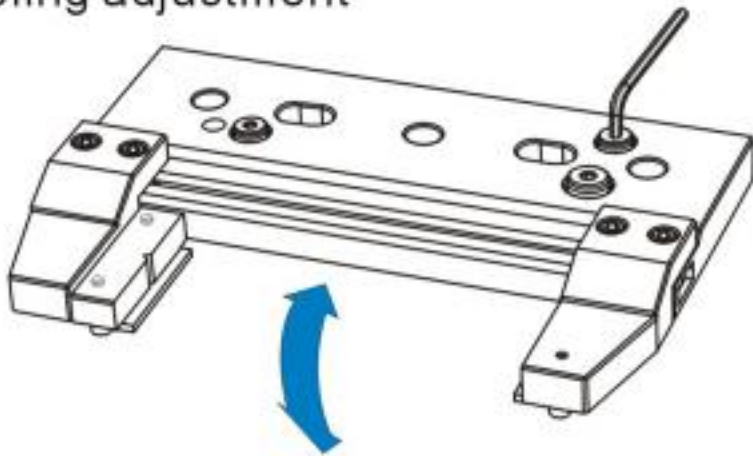


Features :

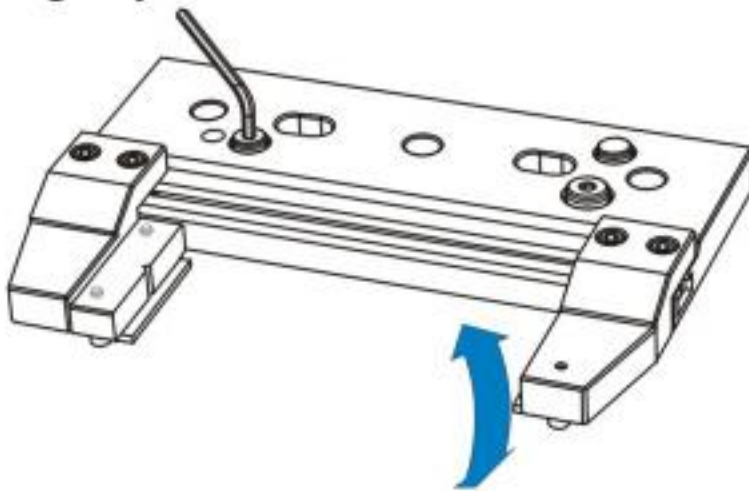
- ▶ Adopting high quality stainless steel (ASSAB STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With 45°aw design, workpiece anti-floating when clamp.
- ▶ Adopting ball bearings and make 3-axis adjustment much more efficient.
- ▶ High water pressure resistance when clamping.

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

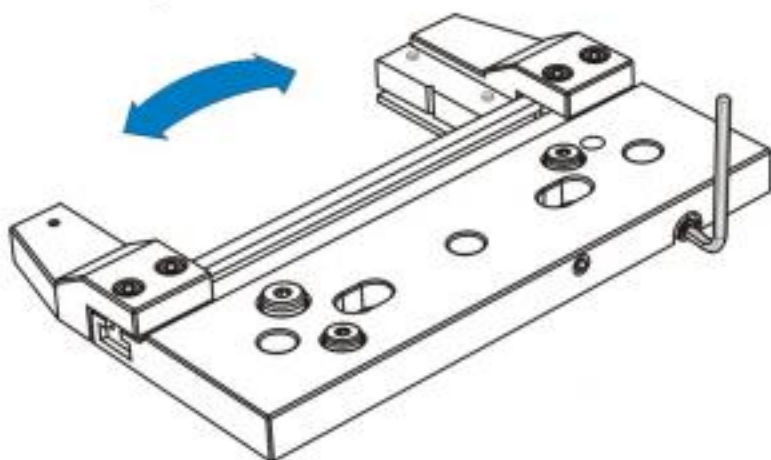
Leveling adjustment



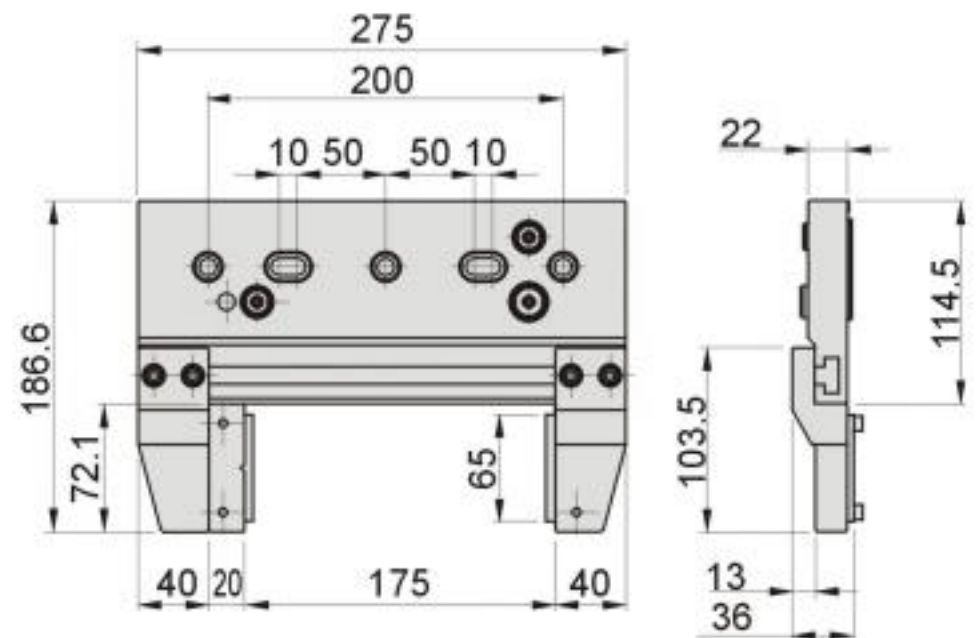
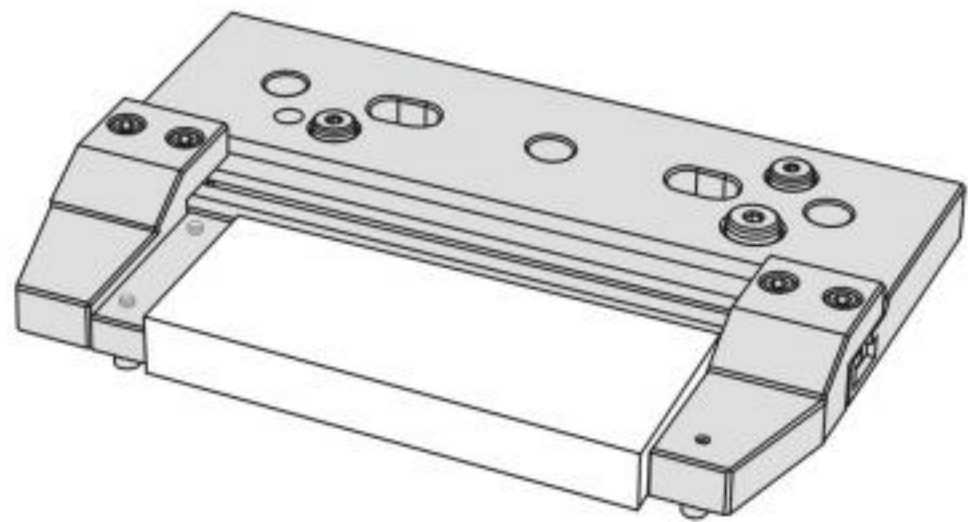
Leveling adjustment



Parallel adjustment



Application example



Unit:mm

Max.	Clamping range		N.W.
	Thickness	Depth	
175	22	72.1	6kg

WIRE EDM EXTENSIONS CLAMP

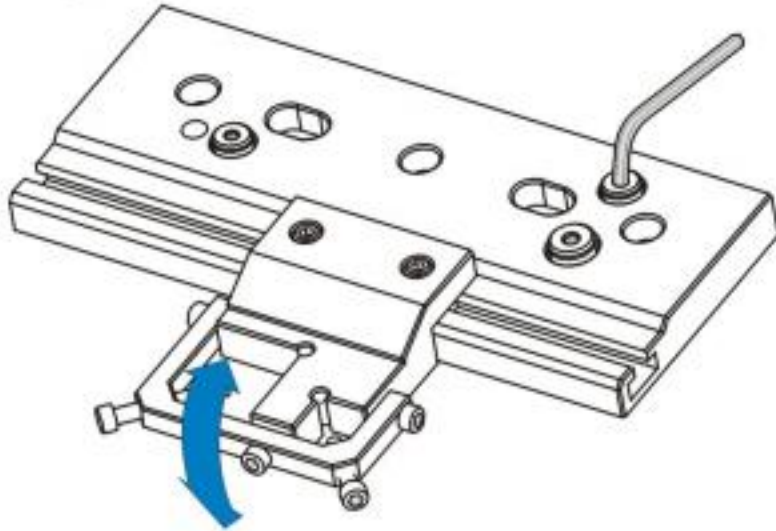
53185

WDV280

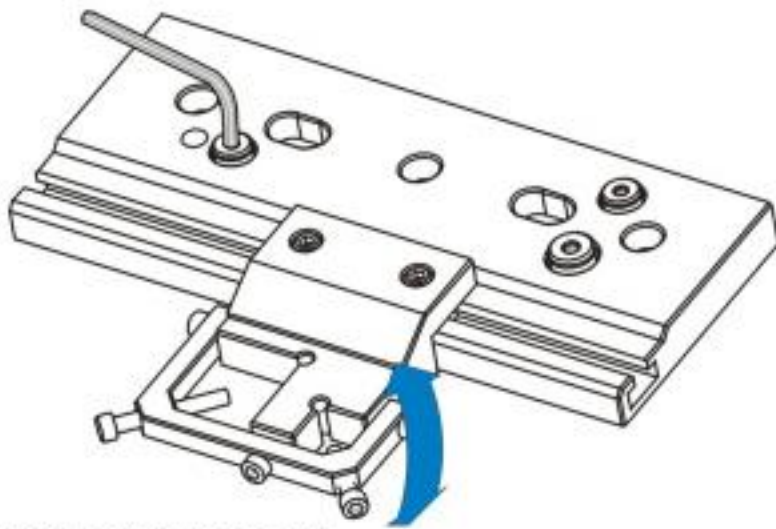
Stainless Precision Vise For EDM



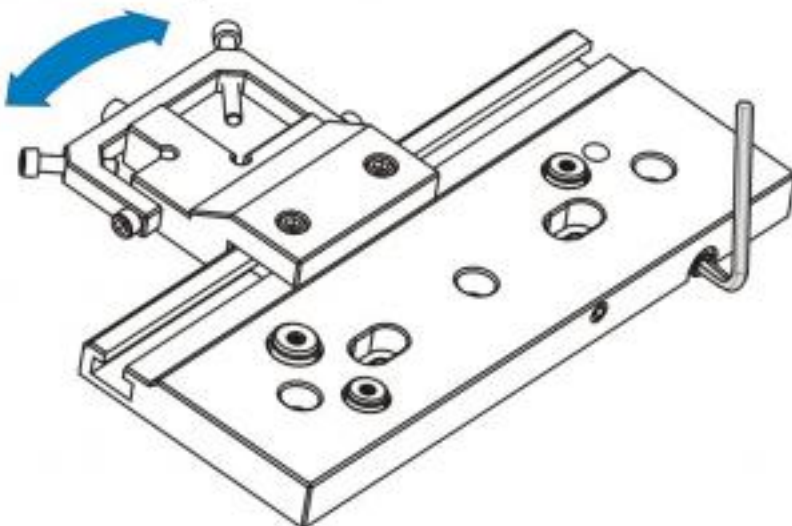
Leveling adjustment



Leveling adjustment



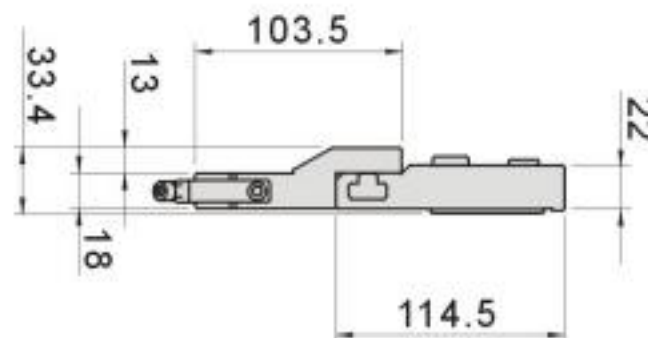
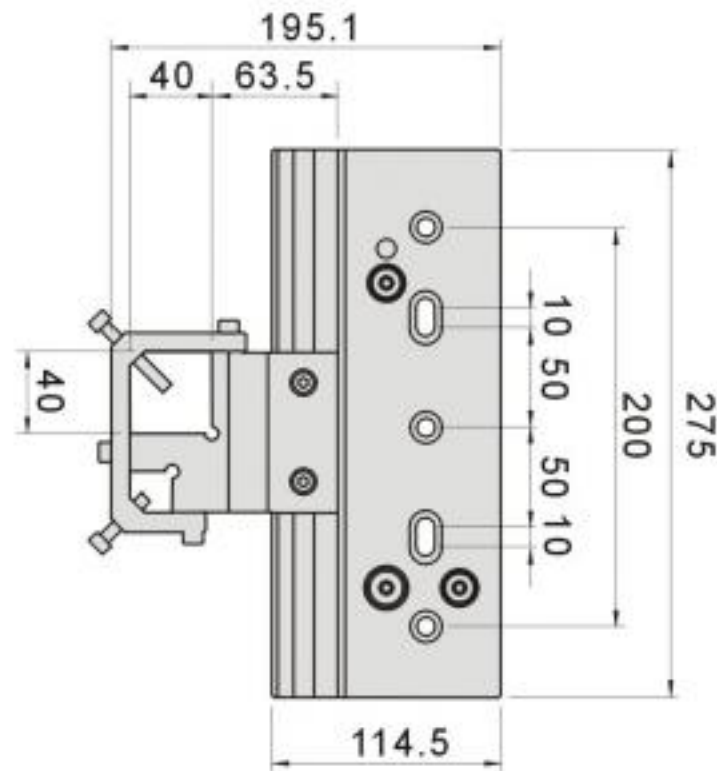
Parallel adjustment



Features :

- ▶ Adopting high quality stainless steel (ASSAB STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ With 45° Jaw design, workpiece anti-floating when clamp.
- ▶ Adopting ball bearings and make 3-axis adjustment much more efficient.
- ▶ High water pressure resistance when clamping.
- ▶ Clamping range for round workpiece: $\varnothing 3 \sim \varnothing 38$ mm
- ▶ In small V groove: $\varnothing 3 \sim \varnothing 20$ mm
- ▶ In large V groove: $\varnothing 10 \sim \varnothing 38$ mm

Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm



Unit:mm

Clamping range		N.W.
Small V groove	Large V groove	
$\varnothing 3 \sim \varnothing 20$	$\varnothing 10 \sim \varnothing 38$	5.7kg

WIRE EDM EXTENSIONS CLAMP

Wire EDM Dividing Device

53200 WPF Wire EDM Dividing Device



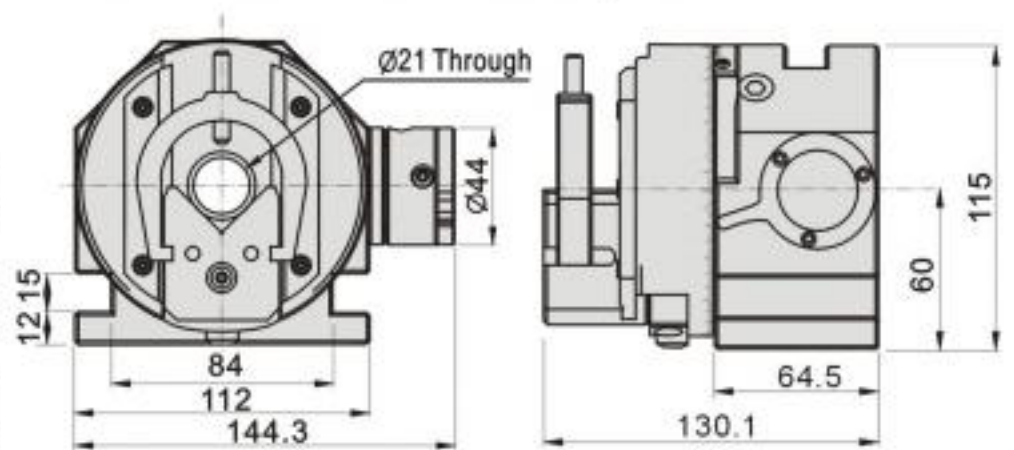
N.W. 9.6kg

Main parameters:

Center height	60 ± 0.5mm
V-block clamping.....	∅3~∅30mm
Travel of V-block	22mm
Indexer tooth q'ty & accuracy	24, 15° ± 5"
Through hole diameters	∅21mm
Rotational accuracy	0.003mm

Features :

- ▶ Adopting high quality stainless steel (ASSAB STAVAX) with Sub-zero Treatment after Vacuum Heat Treatment, stable and distortion free.
- ▶ High precision assembly and special seal up, waterproof and able to immerse into water.
- ▶ With dividing function, it is suitable for using in WEDM and Surface Grinding Machines.



WIRE EDM DIVIDING DEVICE

53210 EPF Wire EDM Dividing Device - Body only



N.W. 6.1kg

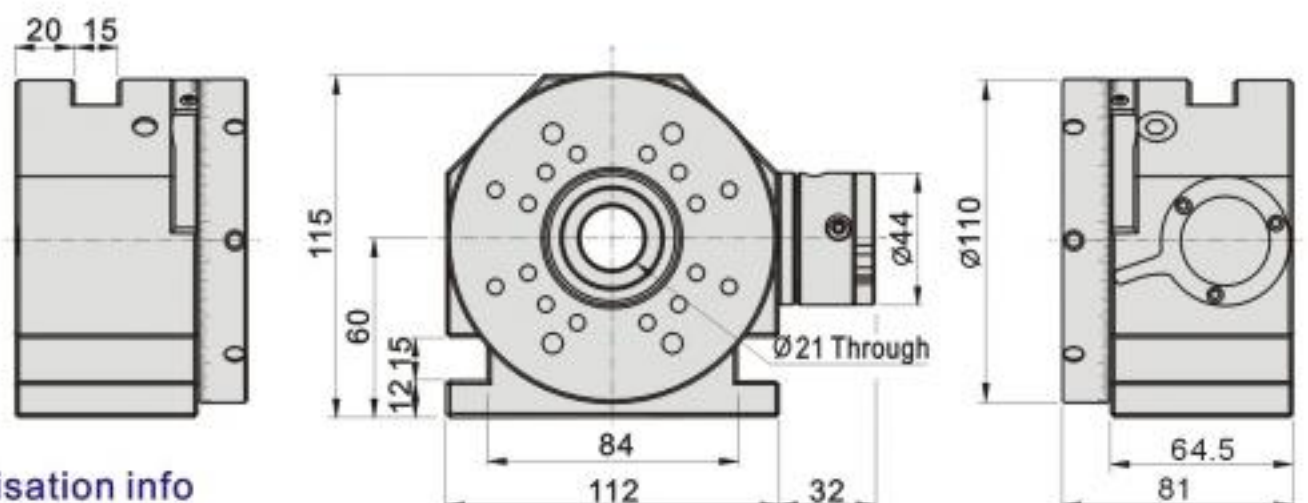
Features :

- ▶ Modulation
- ▶ High rigidity, accuracy and stability
- ▶ Strong clamping force
- ▶ Various clamping size
- ▶ Flexible, fast and convenient
- ▶ Unique design with special surface treatment
- ▶ longer lifecycle

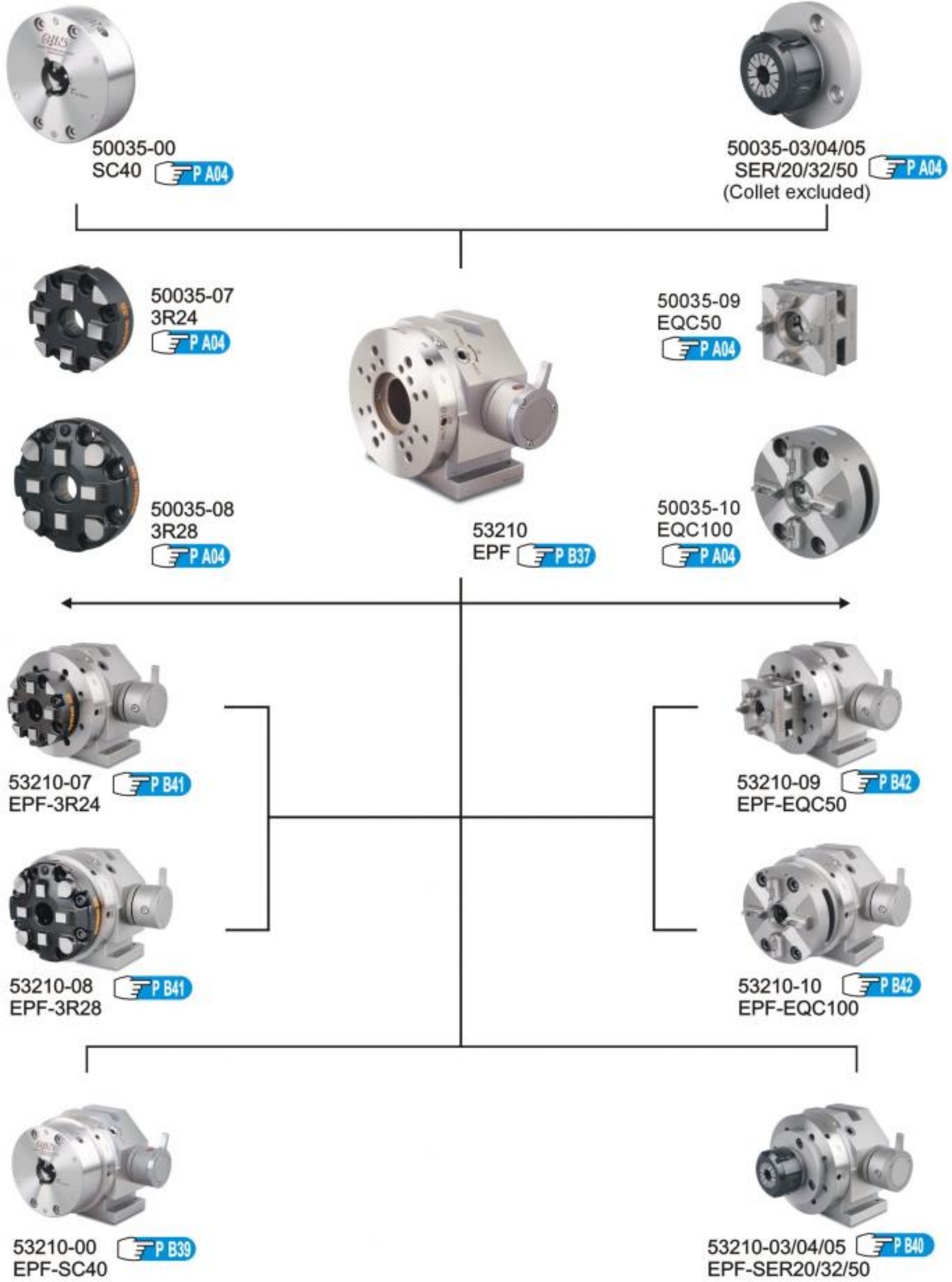
☆See next page for more modulation info

Features :

- ▶ EPF is adopting quality stainless steel with waterproof and stronger structure leading lasting durability.
- ▶ Adopting high precision double bearings in its structure to achieve higher accuracy, rigidity and stability.
- ▶ Thanks to modularisation design, depending on the job processing, customer can choose SC40 3-Jaw chuck, SER20/32/50 collet chuck, System 3R24, 3R28 and EROWA EQC50 & EQC100 and achieve cost effective. See next page for more info.



Modularisation Demo For EPF



WIRE EDM DIVIDING
DEVICE

Wire EDM Dividing Device

53210-00 EPF-SC40 Saper Precision 3-Jaws Wire EDM Dividing Device



N.W. 7.6kg

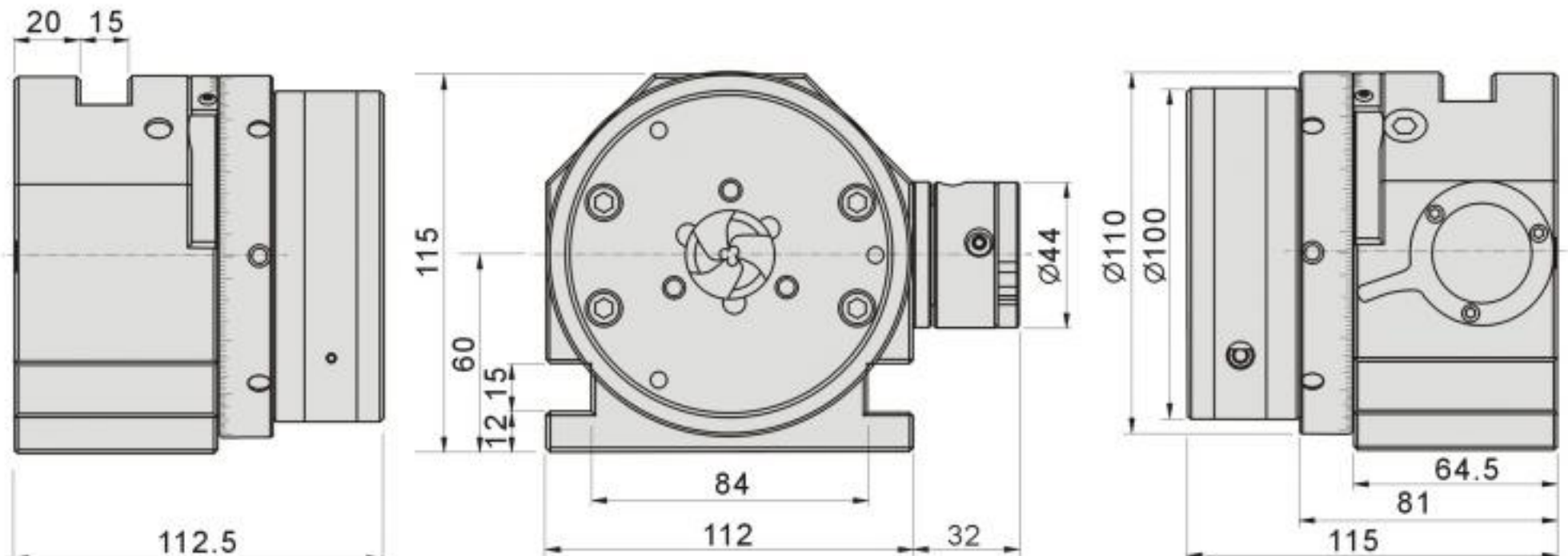
Note: Apply Torque Wrench at all time, due to SC40 3-Jaw Chuck has high precision structure design, avoiding any possible damage.

Features :

- ▶ EPF-SC40 is adopting quality stainless steel with waterproof and stronger structure leading lasting durability.
- ▶ Special designed SC40 3-Jaw Chuck provide rapid clamping and it suitable for mass production, workpiece with round shaped can precisely & rapidly clamped.
- ▶ Torque wrench is included for user-friendly purpose.
- ▶ Adopting high precision double bearings in its structure to achieve higher accuracy, rigidity and stability.

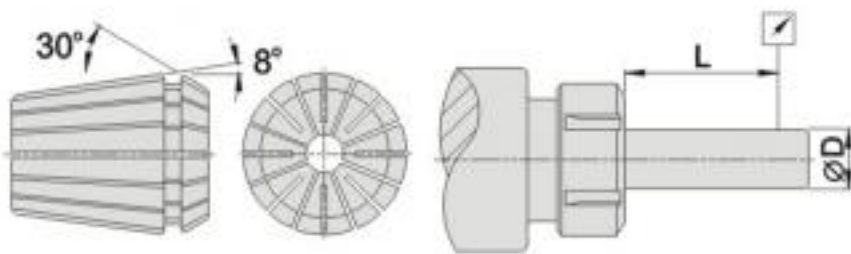
Main parameters:

Center height	60 ± 0.5mm
Indexer tooth q'ty & accuracy	24, 15° ± 5"
Through hole diameters	∅21mm
Min. clamping range	∅1mm
Max. clamping range	∅25mm
Rotational accuracy	0.003mm
Repeat accuracy	within 0.003mm





Note: ER & ER Nut are not made of stainless steel.



Features :

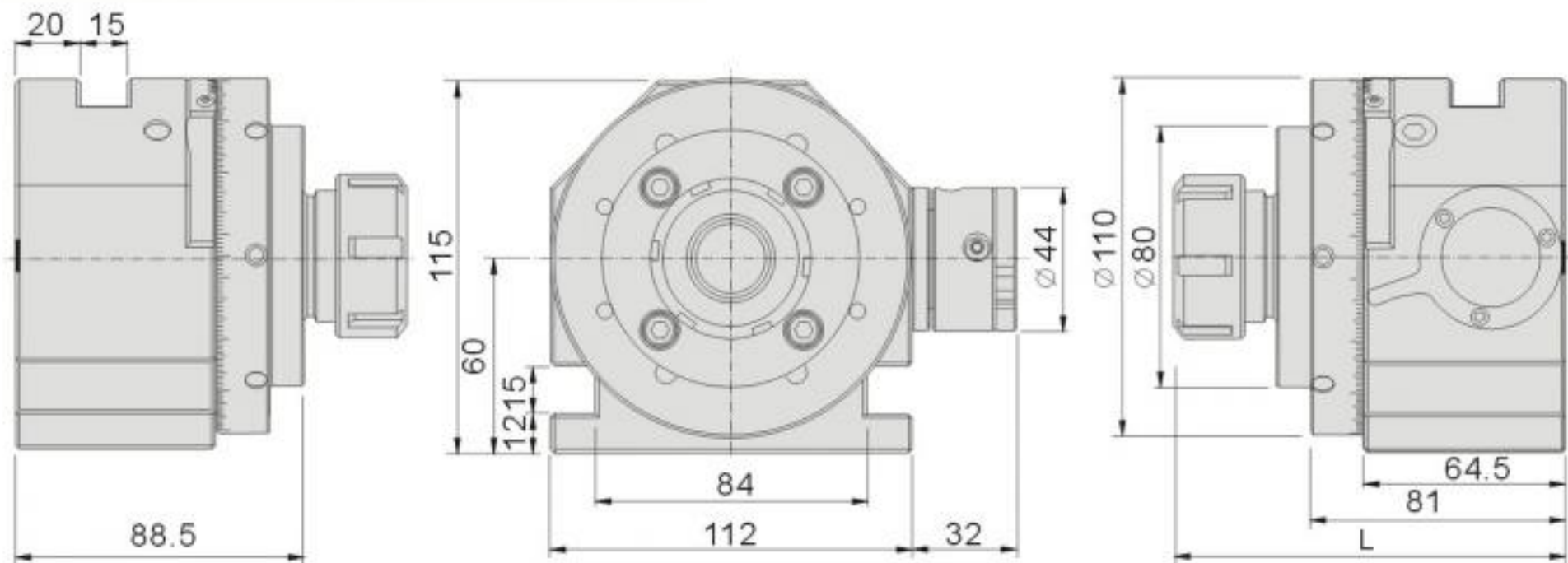
- ▶ EPF-SER is adopting high quality stainless steel with waterproof and
- ▶ stronger structure leading lasting durability.
- ▶ With ER collets, the flexible range of collet is 1mm.
- ▶ Capable collet clamping range: Min. \varnothing 2mm, Max. \varnothing 34mm
- ▶ It can rapidly clamp the workpiece and achieving higher stability during processing, no need to adjust the center accuracy.
- ▶ Adopting high precision double bearings in its structure to achieve higher accuracy, rigidity and stability.
- ▶ This model is compatible with various ER collets such as ER20, ER32, ER50 etc...

WIRE EDM DIVIDING DEVICE

L	D	Accuracy
6	1.0-1.6	0.01
10	1.6-3.0	0.01
16	3.0-7.0	0.01
25	7.0-10.0	0.01
40	10.0-18.0	0.01
50	18.0-24.0	0.01
60	24.0-34.0	0.01

Main parameters:

Center height 60 ± 0.5 mm
 Indexer tooth q'ty & accuracy..... $24, 15^\circ \pm 5''$
 Through hole diameters..... $\varnothing 21$ mm
 Rotational accuracy..... 0.003mm



Order No.	Model	ER Collet spec.	L	N.W.
53210-03	EPF-SER20	3, 4, 6, 8, 10	120	6.9kg
53210-04	EPF-SER32	4, 8, 12, 16, 20	123.5	7.0kg
53210-05	EPF-SER50	12, 18, 20, 30, 34	139.5	7.3kg

Wire EDM Dividing Device

53210-07/08 **EPF-3R** **Wire EDM 3R Dividing Device**

WIRE EDM DIVIDING DEVICE



EPF-3R24



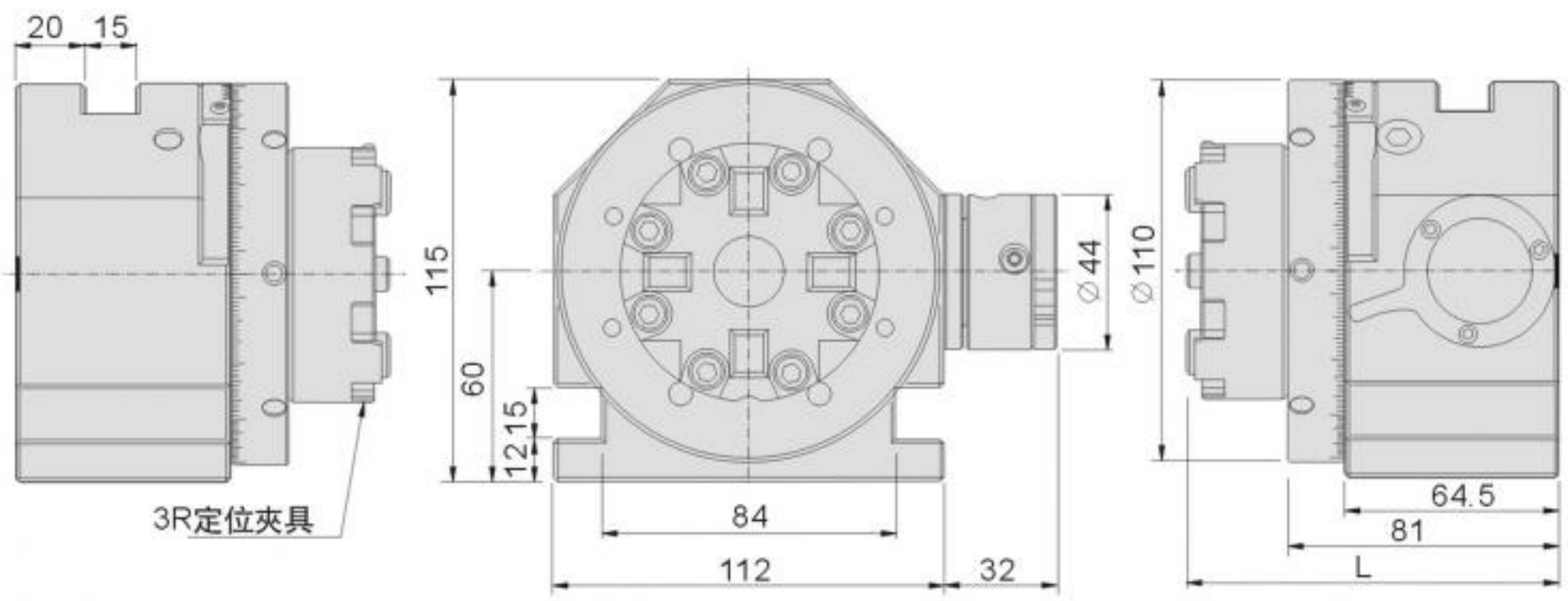
EPF-3R28

Features :

- ▶ EPF-3R is adopting quality stainless steel with waterproof and stronger structure leading lasting durability.
- ▶ With interchangeable design, components can be chosen according to users' demand.
- ▶ Adopting high precision double bearings in its structure to achieve higher accuracy, rigidity and stability.
- ▶ This model is applying Positioning Chuck of System 3R, it also works with EROWA Positioning Chuck to achieve modulisation.

Main parameters:

Center height $60 \pm 0.5\text{mm}$
 Indexer tooth q'ty & accuracy 24, $15^\circ \pm 5''$
 Through hole diameters $\varnothing 21\text{mm}$
 Rotational accuracy 0.003mm
 Repeat accuracy 0.003mm



Order No.	Model	Positioning Chuck spec	N.W.
53210-07	EPF-3R24	3R24	7.2kg
53210-08	EPF-3R28	3R28	7.3kg


EPF-EQC50

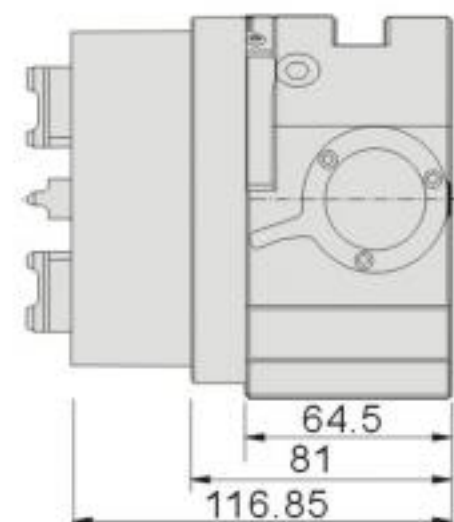
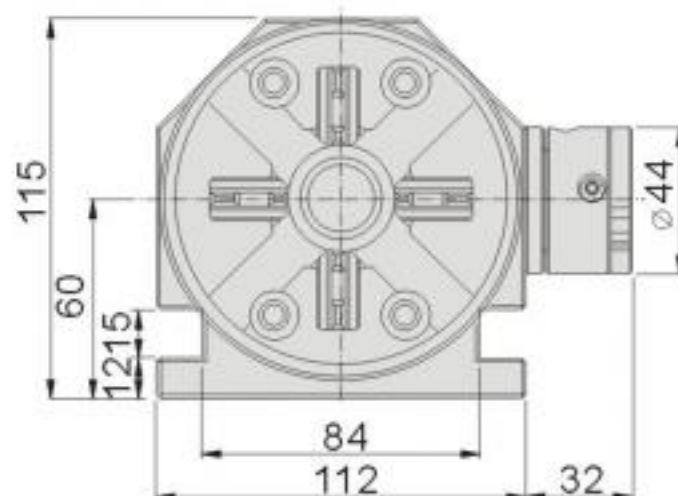
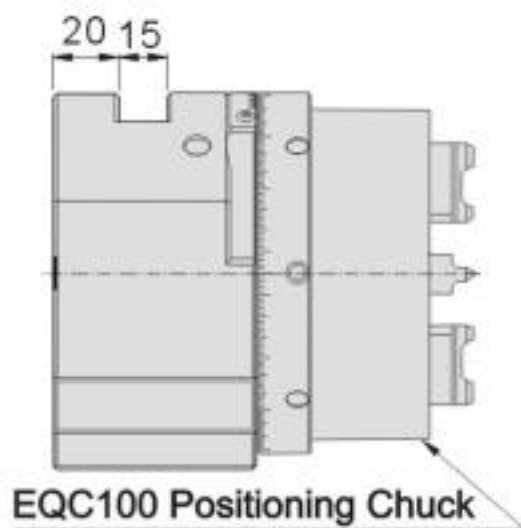
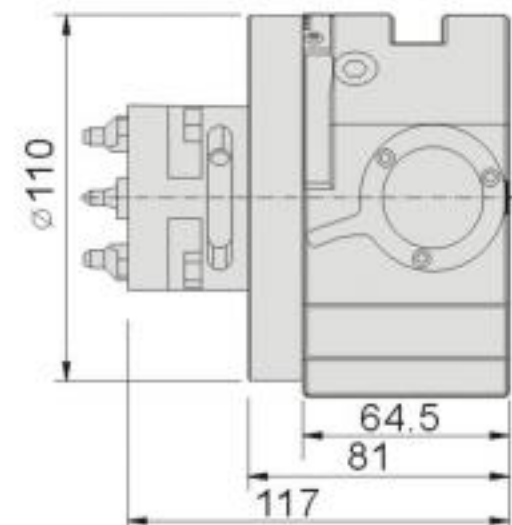
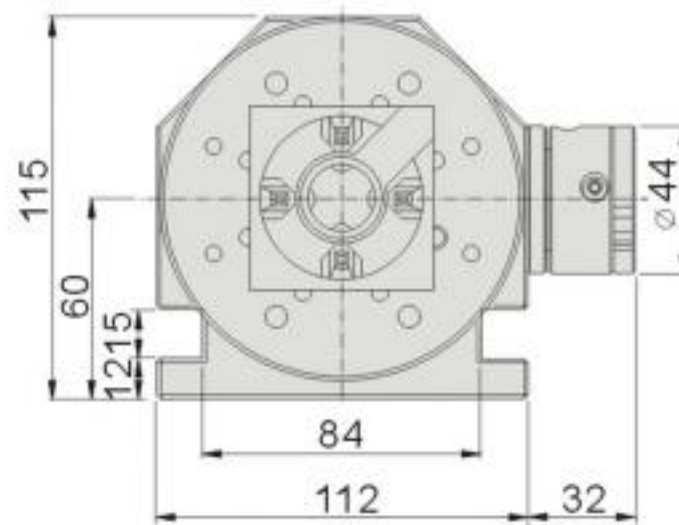
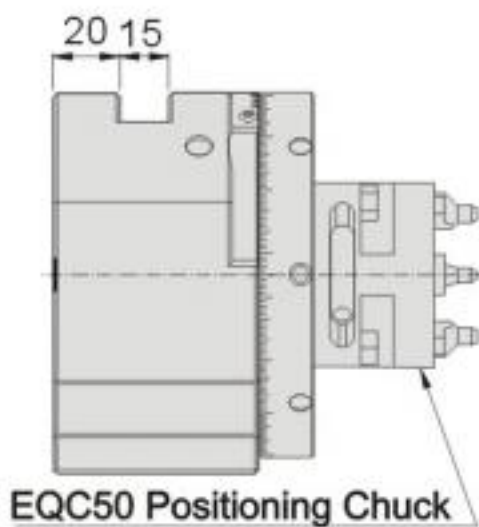
EPF-EQC100

Features :

- ▶ EPF-EQC is adopting quality stainless steel with waterproof and stronger structure leading lasting durability.
- ▶ With interchangeable design, components can be chosen according to users' demand.
- ▶ Adopting high precision double bearings in its structure to achieve higher accuracy, rigidity and stability.
- ▶ This model is applying EROWA Positioning Chuck, It also works with System 3R Positioning Chuck to achieve modulisation.

Main parameters:

Center height	.....	60 ± 0.5mm
Indexer tooth q'ty & accuracy	.....	24, 15° ± 5"
Through hole diameters	.....	∅21mm
Rotational accuracy	.....	0.003mm
Repeat accuracy	.....	0.003mm

WIRE EDM DIVIDING DEVICE


Order No.	Model	Positioning Chuck spec	N.W.
53210-09	EPF-EQC50	EQC50	6.7kg
53210-10	EPF-EQC100	EQC100	7.3kg

Electrode Vise

Material :SUS440

Parallelism:within 0.003mm/100mm

Hardness:HRC45°~55°

Squareness:within 0.005mm/100mm

Unit:mm

53300

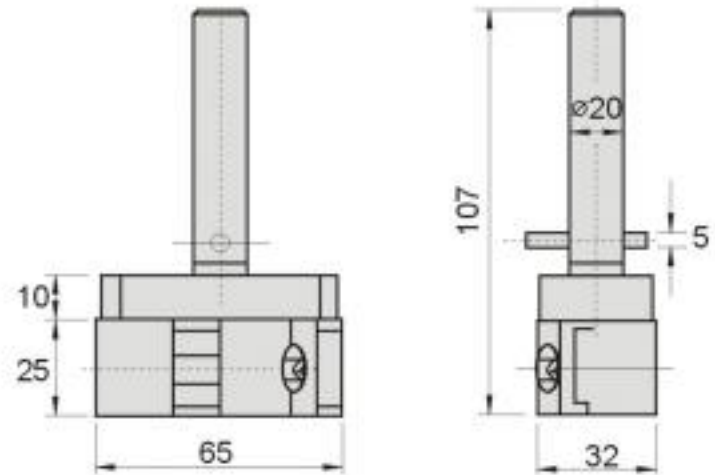
VH20



N.W. 0.5kg

Features :

- ▶ A delicate vise and suitable for clamping precision workpiece used in EDM Machine.



53310

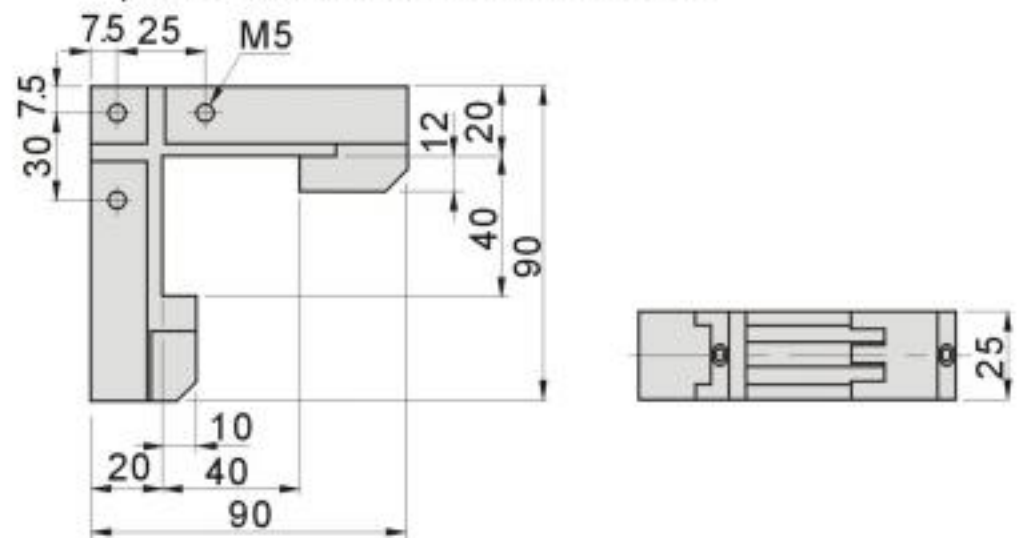
VW20



N.W. 0.8kg

Features :

- ▶ Two way clamping and suitable for small and precision work in EDM Machine.



53320

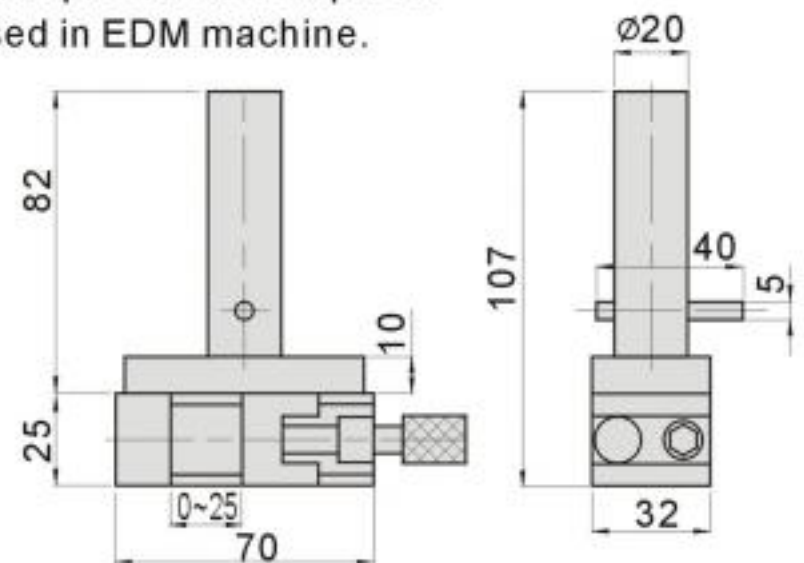
EVH20



N.W. 0.7kg

Features :

- ▶ Compact version precision vise, suitable for small precision workpiece.
- ▶ Used in EDM machine.



Material : SUS440 Parallelism: within 0.003mm/100mm
 Hardness: HRC45°~55° Squareness: within 0.005mm/100mm

Unit: mm

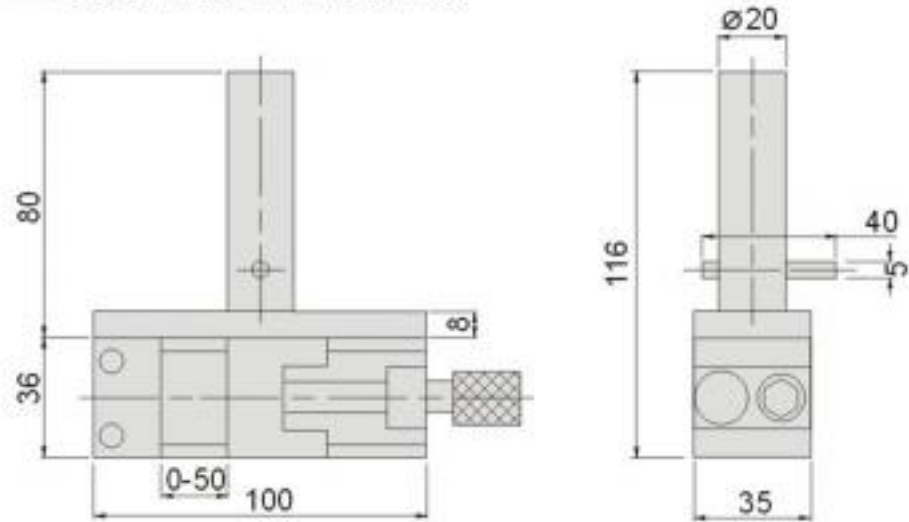
53330 **Evh50**



N.W. 1.1kg

Features :

- ▶ Compact version precision vise, suitable for small precision workpiece.
- ▶ Used in EDM machine.



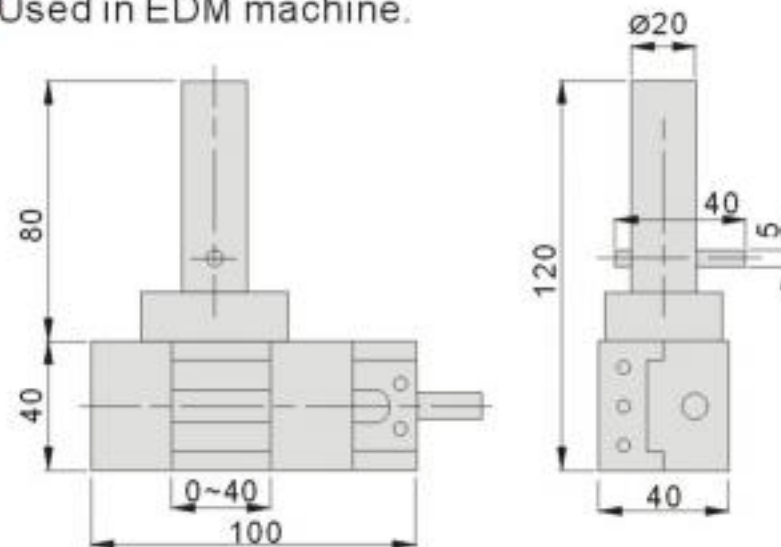
53340 **EVR40**



N.W. 1.2kg

Features :

- ▶ Compact version precision vise, suitable for small precision workpiece.
- ▶ Used in EDM machine.



ELECTRODE VISE

Stainless Tool Maker Vise

53342

VLS

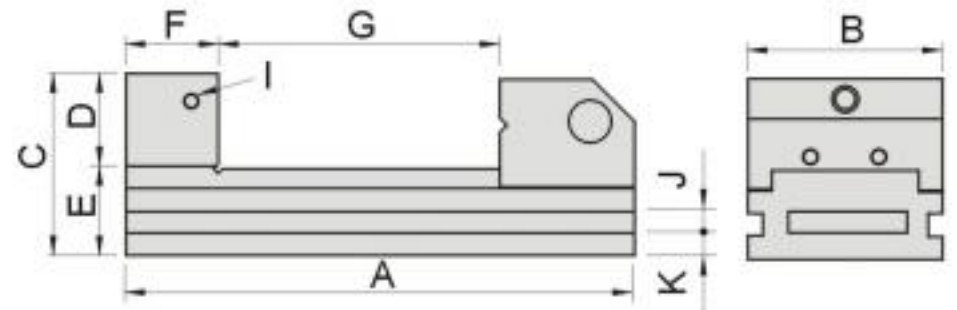
Stainless Tool Maker Vise



Material	SUS440
Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Features :

- ▶ Suitable for EDM, milling, and precision grinding work.
- ▶ Different from VL series is VLS with anti-distortion structure



Unit:mm

Order No.	Model	A	B	C	D	E	F	G	I	J	K	N.W.
53342-01	VLS15	105	35	45	20	25	25	0~45	M6	6	7	1.0kg
53342-02	VLS20	150	48	50	25	25	25	0~75	M6	6	7	2.0kg
53342-03	VLS25	176	63	60	30	30	30	0~90	M6	8	7.5	3.3kg
53342-04	VLS30	190	73	70	35	35	35	0~100	M6	8	10	4.3kg
53342-05	VLS40	245	98	80	40	40	40	0~125	M6	10	12	9.8kg

53346

VHS

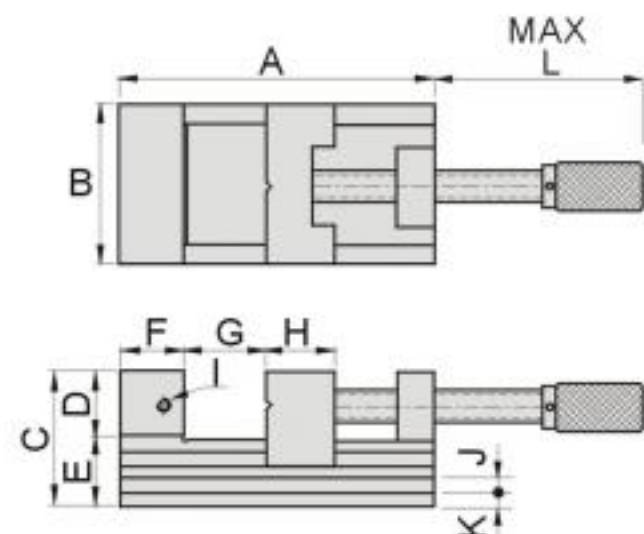
Stainless Tool Maker Vise



Material	SUS440
Hardness	HRC45°~55°
Parallelism	within 0.003mm/100mm
Squareness	within 0.005mm/100mm

Features :

- ▶ Suitable for EDM, milling, and precision grinding work.



Unit:mm

Order No.	Model	A	B	C	D	E	F	G	H	I	J	K	L	N.W.
53346-01	VHS20	140	48	55	25	30	25	0~70	40	M6	6	7	115	2.60kg
53346-02	VHS25	172	63	69	30	39	30	0~85	50	M6	8	9	129	4.80kg
53346-03	VHS30	190	73	78	35	43	35	0~100	50	M6	8	10	142	6.60kg
53346-04	VHS40	230	98	92	40	52	40	0~125	60	M8	10	12	171	13.0kg

Material :SUS440

Parallelism:within 0.003mm/100mm

Hardness:HRC45°~55°

Squareness:within 0.005mm/100mm

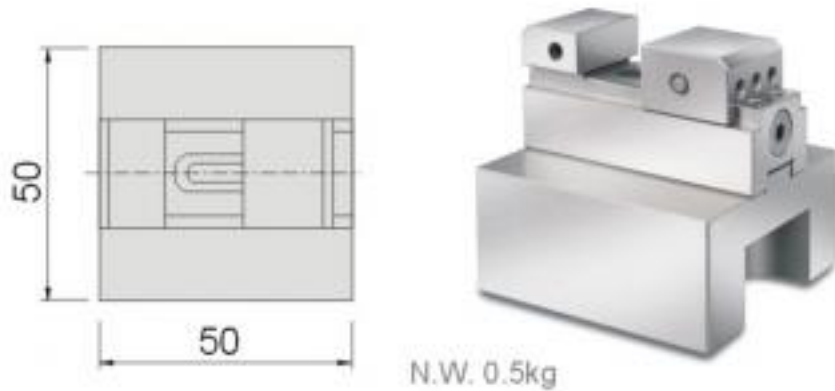


Unit:mm

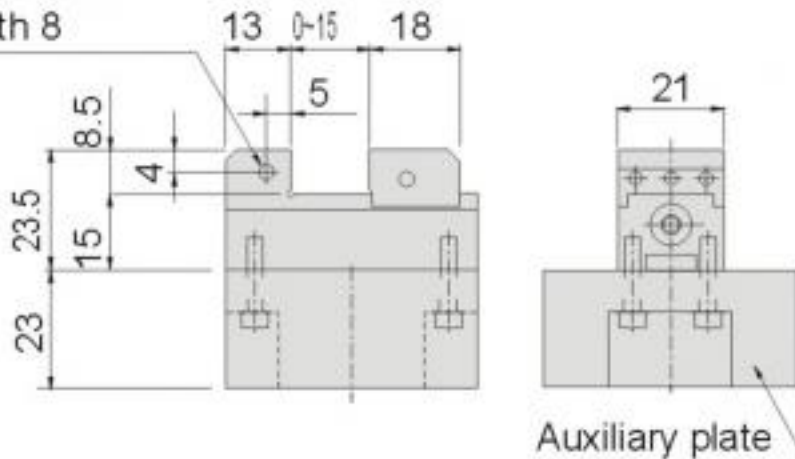
53350

EVJ10

It can be used with positioning plate of EROWA (ER-009214-1)and System 3R (3R-651.7-P).



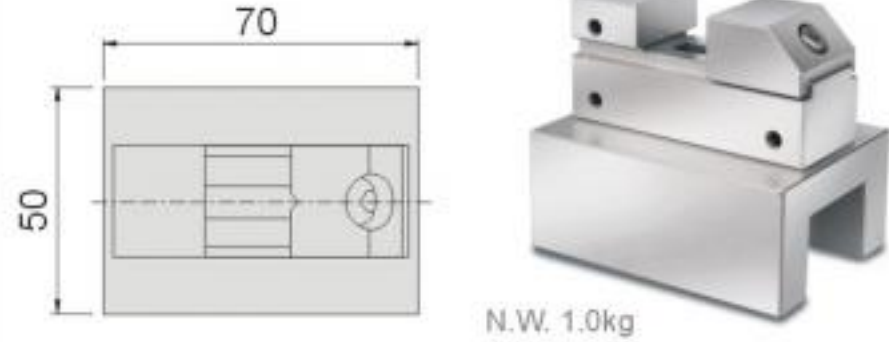
Both 2-M3
depth 8



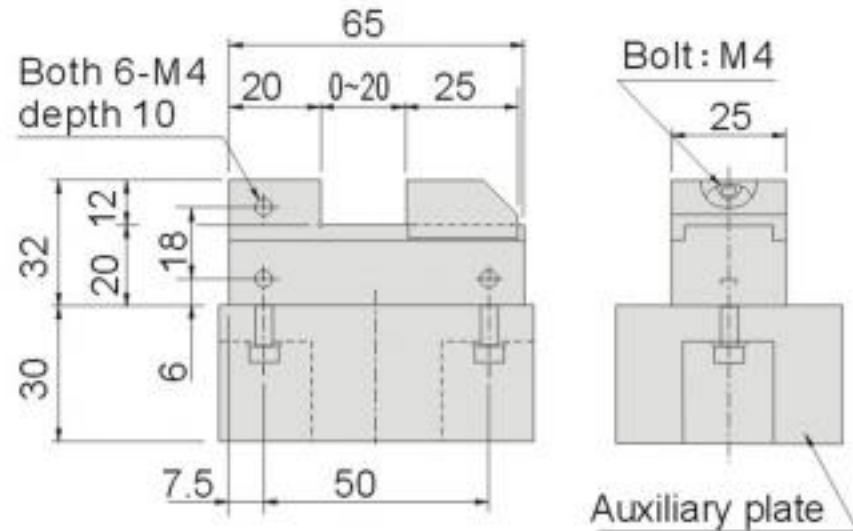
53360

EVL10

It can be used with positioning plate of EROWA (ER-009214-1)and System 3R (3R-651.7-P).



Both 6-M4
depth 10

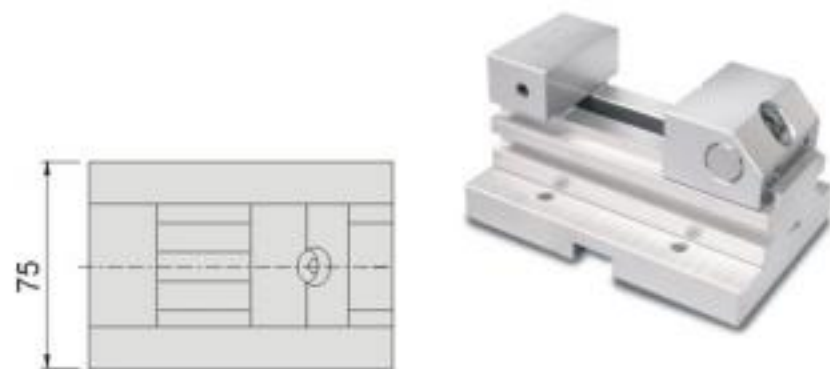


ELECTRODE VISE

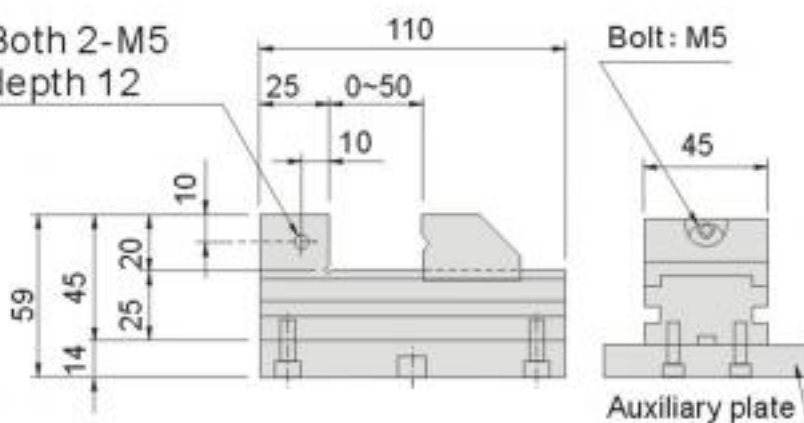
53370

ESV45

It can be used with positioning plate of EROWA (ER-009214-1)and System 3R (3R-651.7-P).



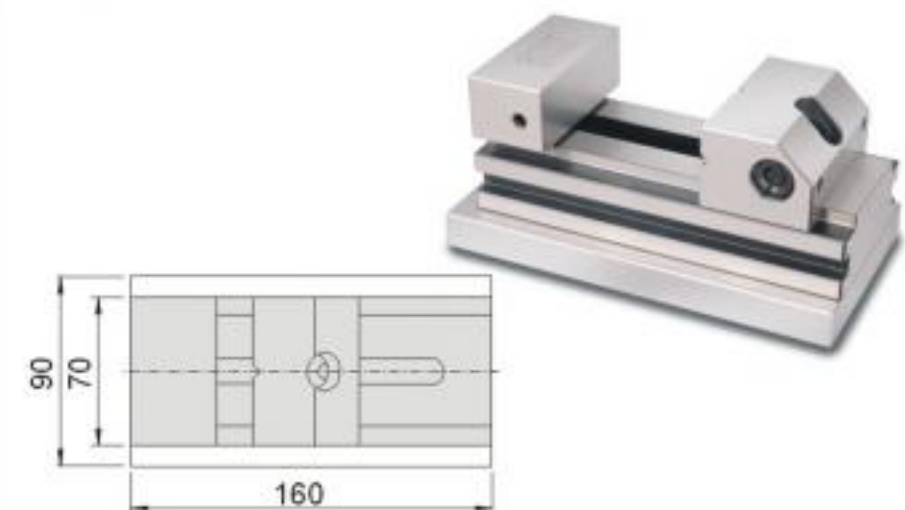
Both 2-M5
depth 12



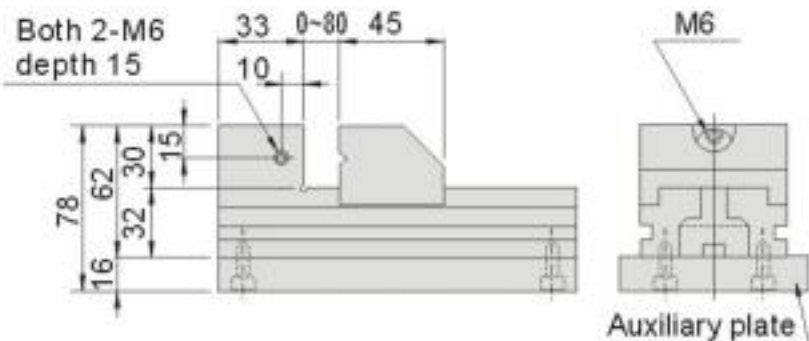
53380

ESV70

It can be used with positioning plate of EROWA (ER-011599-1)and System 3R (3R-601.7-P).



Both 2-M6
depth 15



Electrode Vise

Material : SUS440

Parallelism: within 0.003mm/100mm

Hardness: HRC45°~55°

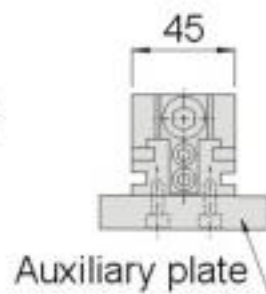
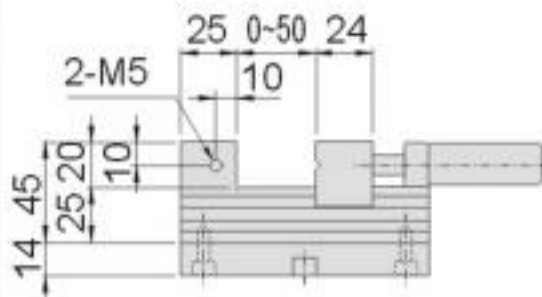
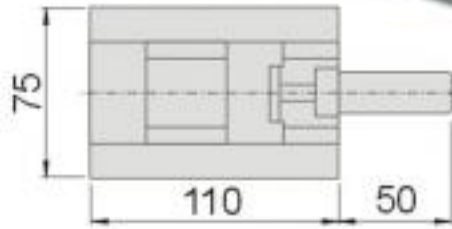
Squareness: within 0.005mm/100mm

Unit:mm

53390

EDSU60

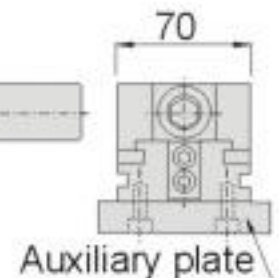
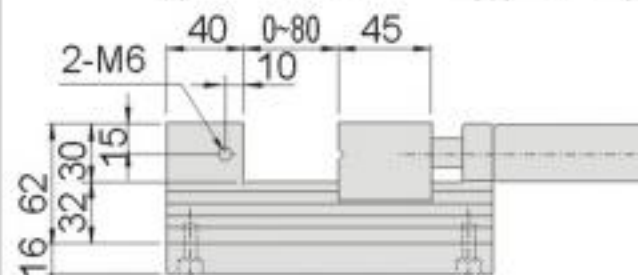
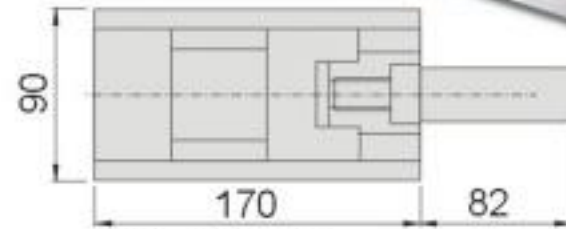
- It can be used with positioning plate of EROWA (ER-009214-1) and System 3R (3R-651.7-P).



53400

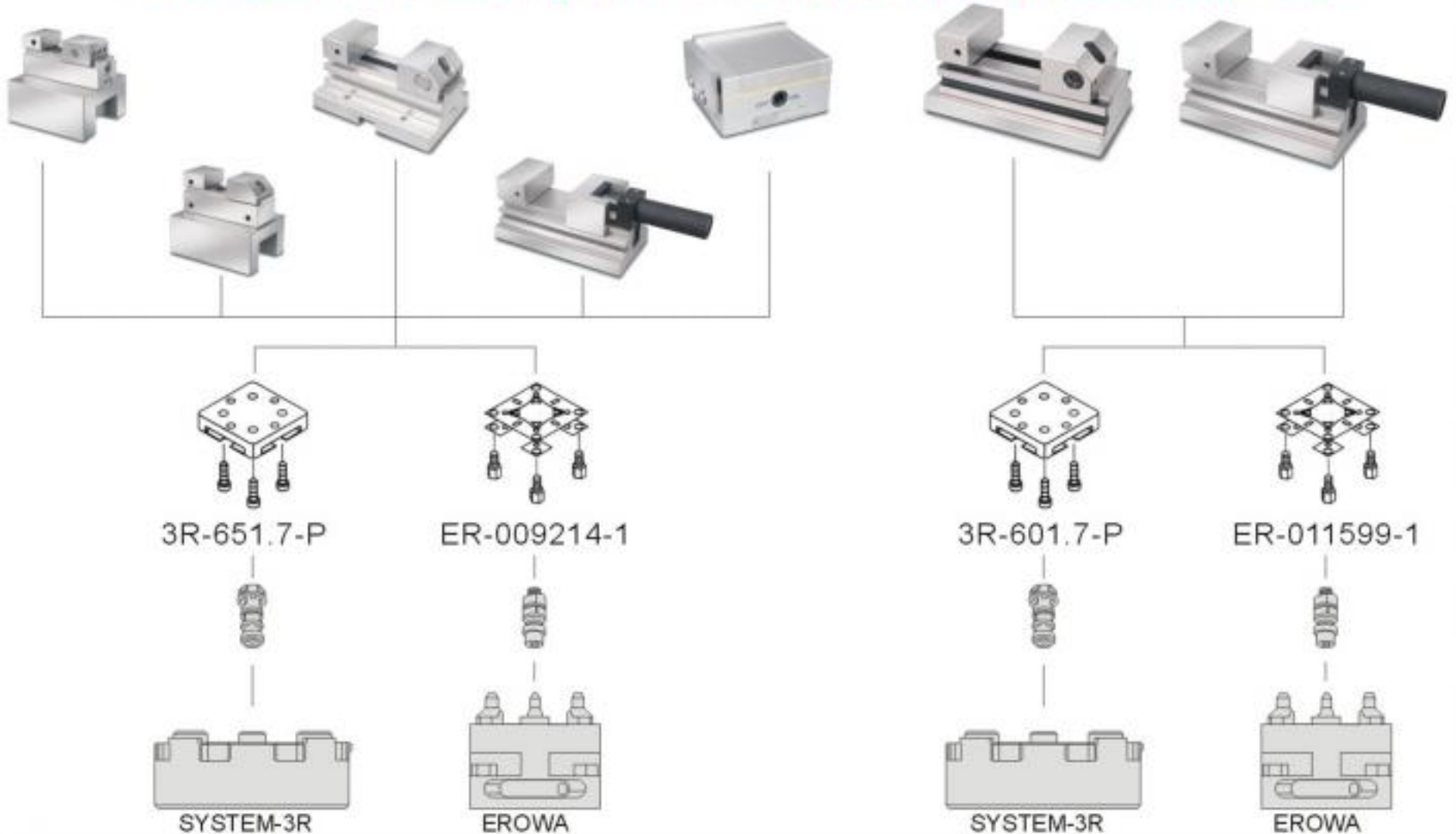
EDSU80

- It can be used with positioning plate of EROWA (ER-011599-1) and System 3R (3R-601.7-P).



Breakthrough thinking of high precision systems for efficiency working environment.

Creating better processing environment by applying various modulisation.

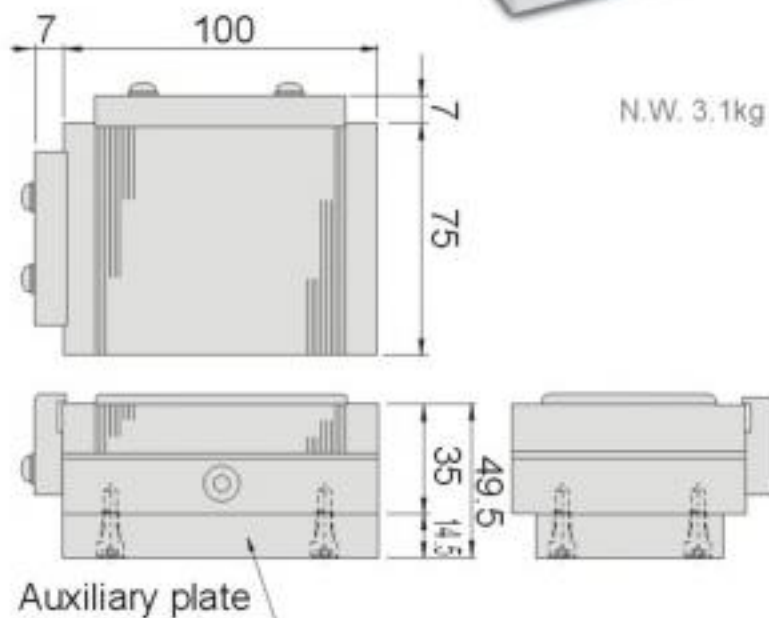


Features :

- Simple: It can be applied straight away after purchasing.
- Economic: More cost effective and easy to used in parallel.
- Compatibility: Same material applied with EROWA and System 3R.

53410 EMC75

It can be used with positioning plate of EROWA (ER-009214-1) and System 3R (3R-651.7-P).

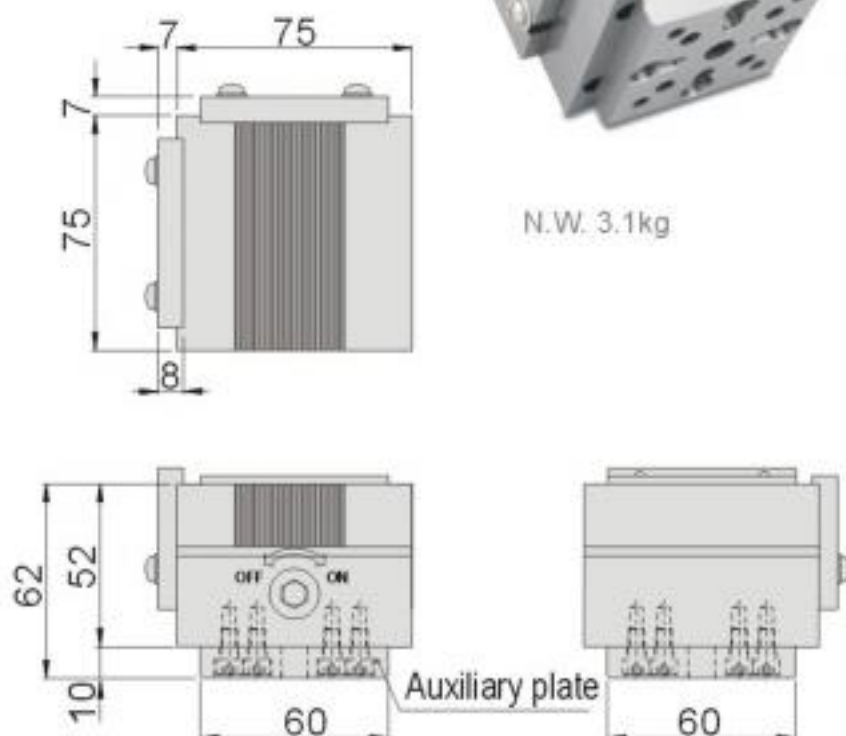

53412 SEMC75100

It can be used with positioning plate of EROWA (ER-009214-1) and System 3R (3R-651.7-P).


 ELECTROD
MAGNETIC CHUCK

53420 EMC75S

It can be used with positioning plate of EROWA (ER-009214-1) and System 3R (3R-651.7-P).

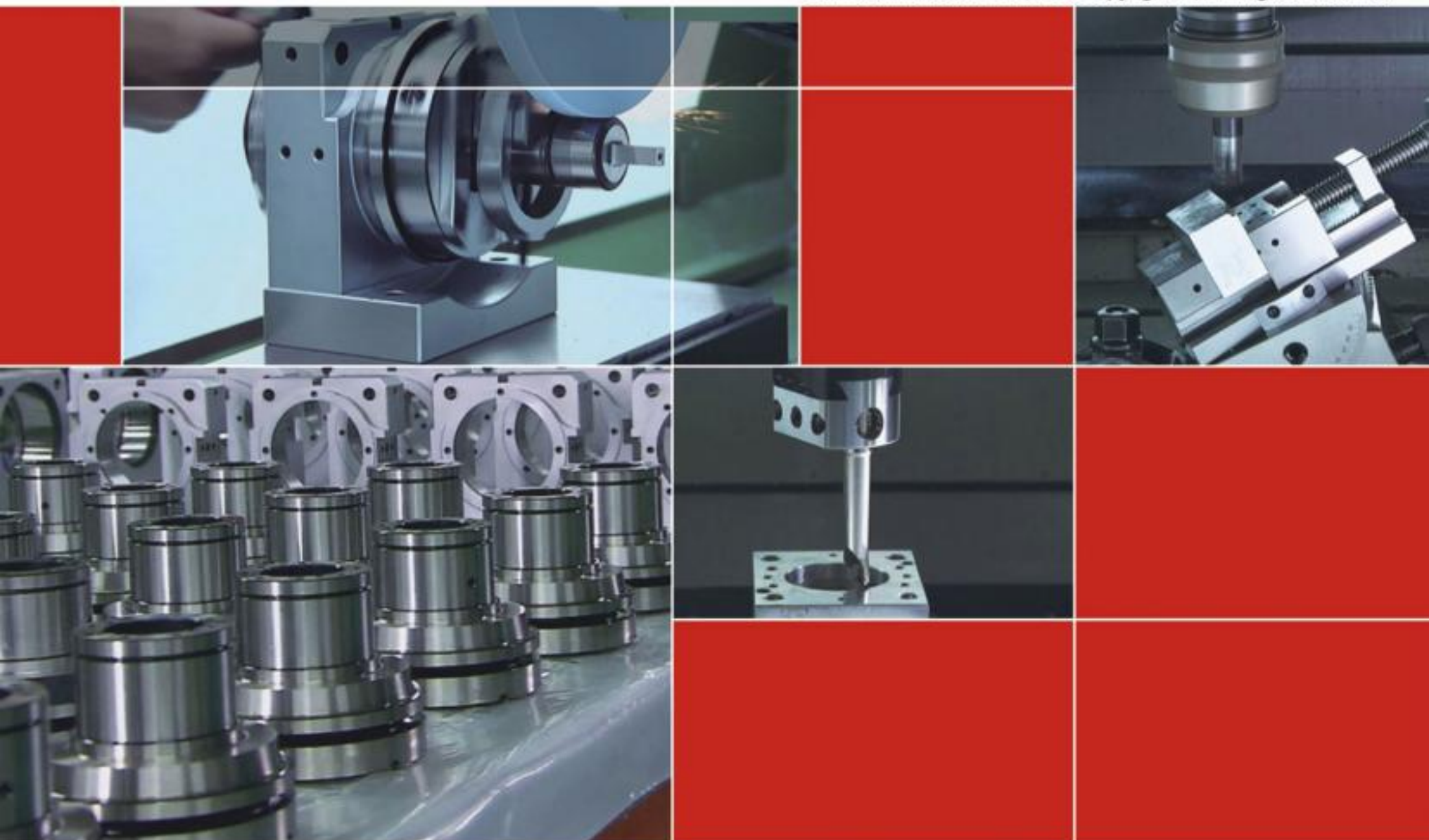

53422 SEMC8080

It can be used with positioning plate of EROWA (ER-009214-1) and System 3R (3R-651.7-P).





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