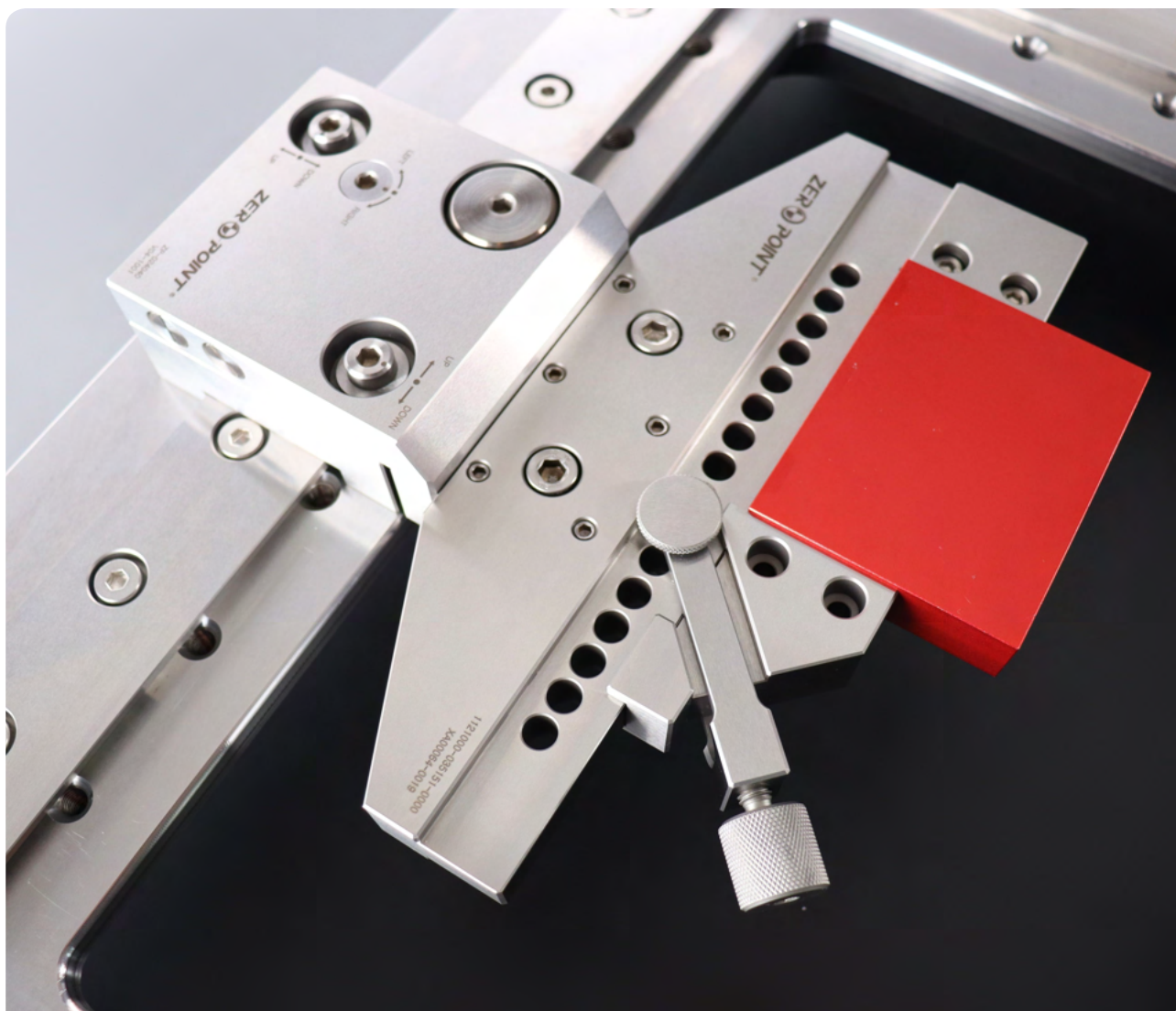
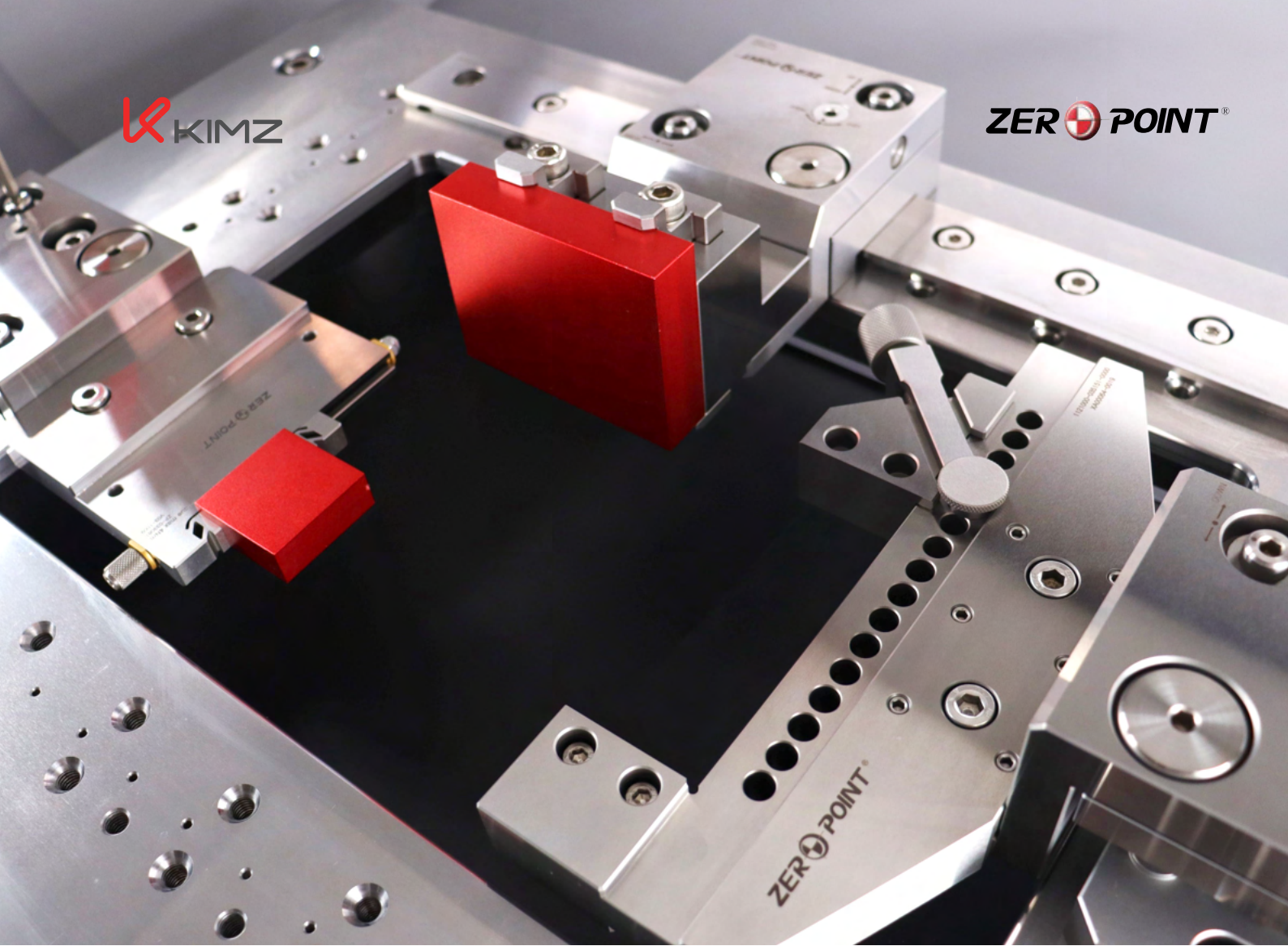


ZERO POINT

Precision workholding system for WEDM

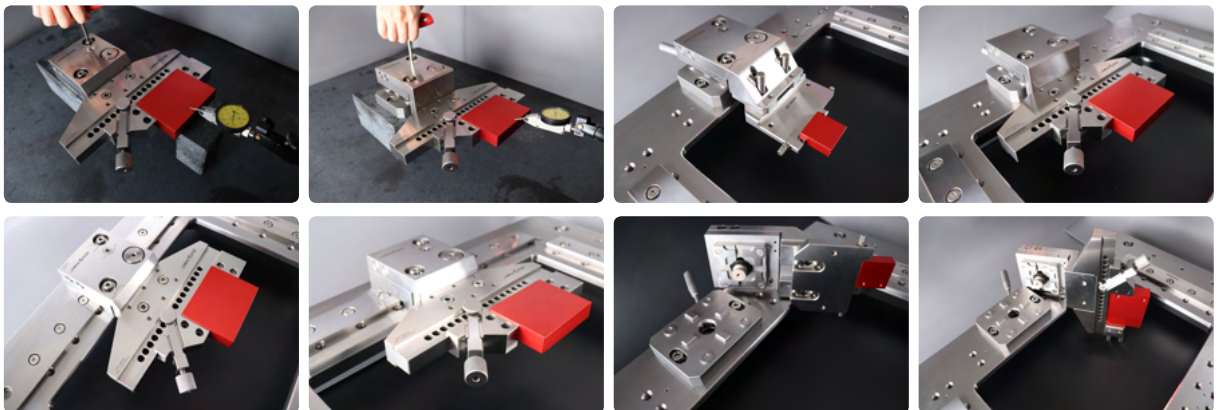




| ZERO POINT SERIES

“Zero Point is a workholding system to improve the productivity in WEDM work process. Subsequent machine price increase which make it necessary to maximize the manufacture process productivity. In order to meet it necessity, Zero Point is designed and manufactured in series with innovation considering the workpiece dimension and shapes. We will continue to reflect the customers’ feedback to become more and more efficient tooling system.

Preset in three axes - Setup done in seconds



Clamping Series A I for small workpieces up to 3kg



ZP-022020



ZP-022051



ZP-022052



ZP-022061



ZP-022081



ZP-022045

Clamping Series B I for medium-small workpieces up to 5kg



ZP-023010



ZP-023081



ZP-023091



ZP-023071



ZP-023101



ZP-023051



ZP-023062

Clamping Series C I for medium workpieces up to 10kg



ZP-024180



ZP-024020



ZP-024030



ZP-024040



ZP-024045



ZP-024050



ZP-024055



ZP-026050



ZP-032081



ZP-033081



ZP-033101



ZP-024151



ZP-035151



ZP-033061



ZP-024501



ZP-025300



ZP-024301



ZP-033051



ZP-024121



ZP-024201



ZP-036061



ZP-036121



ZP-024161



ZP-028600



ZP-024220



ZP-024240

Clamping Beam Series I for medium-large workpieces over 10kg



STANDARD Type



UNIVERSAL Type



ZP028100



ZP-028500



ZP-028550



ZP-028600

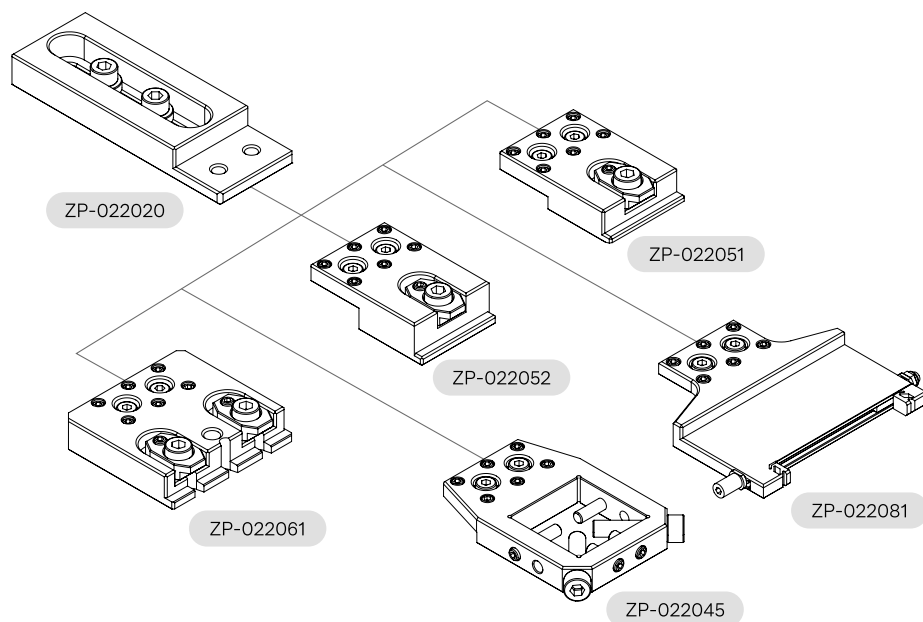


ZP-028650

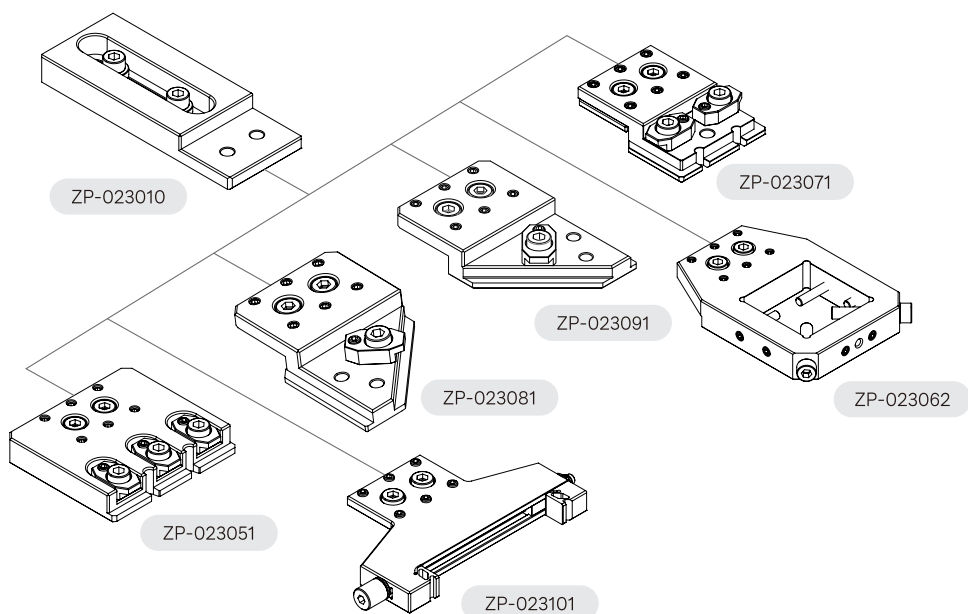


ZP-028200

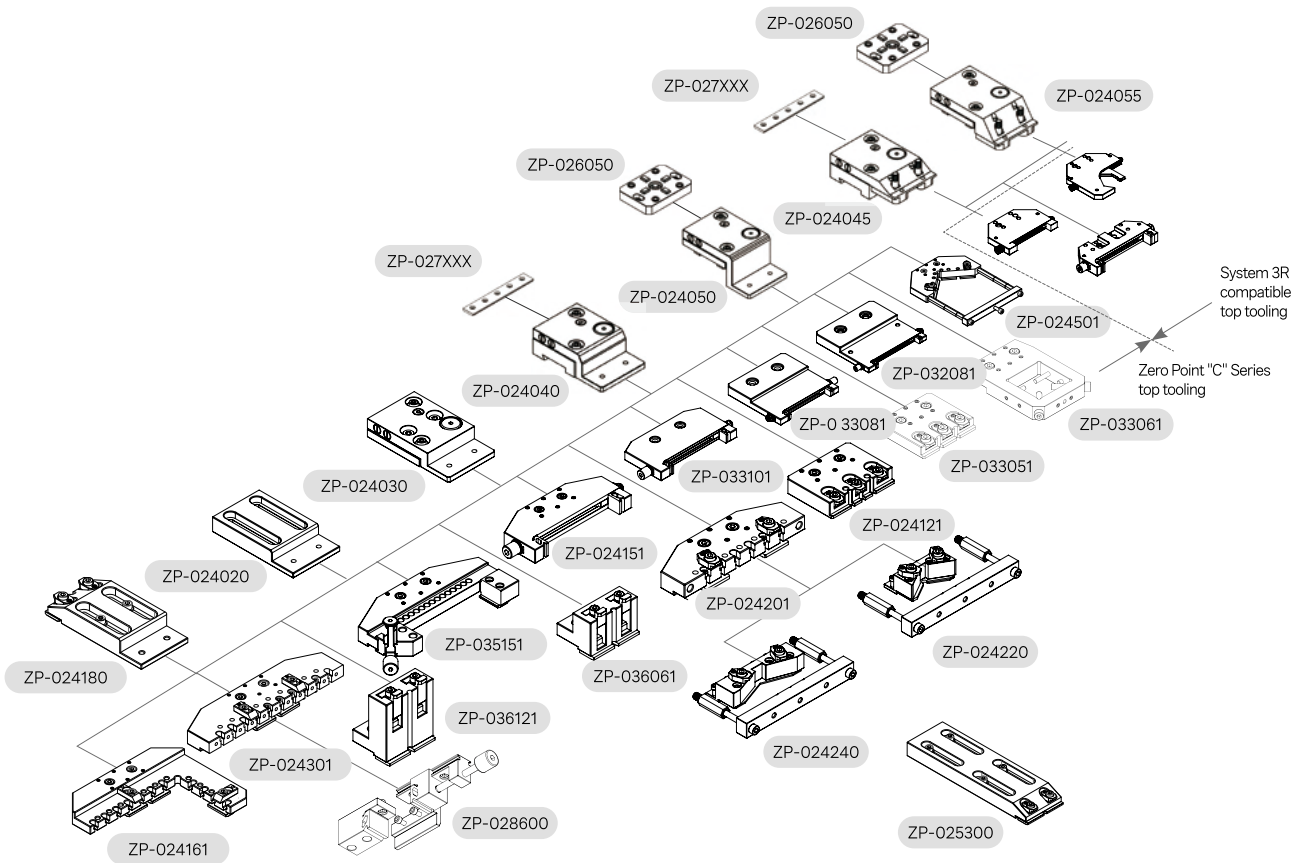
Clamping Series A I for small workpieces up to 3kg



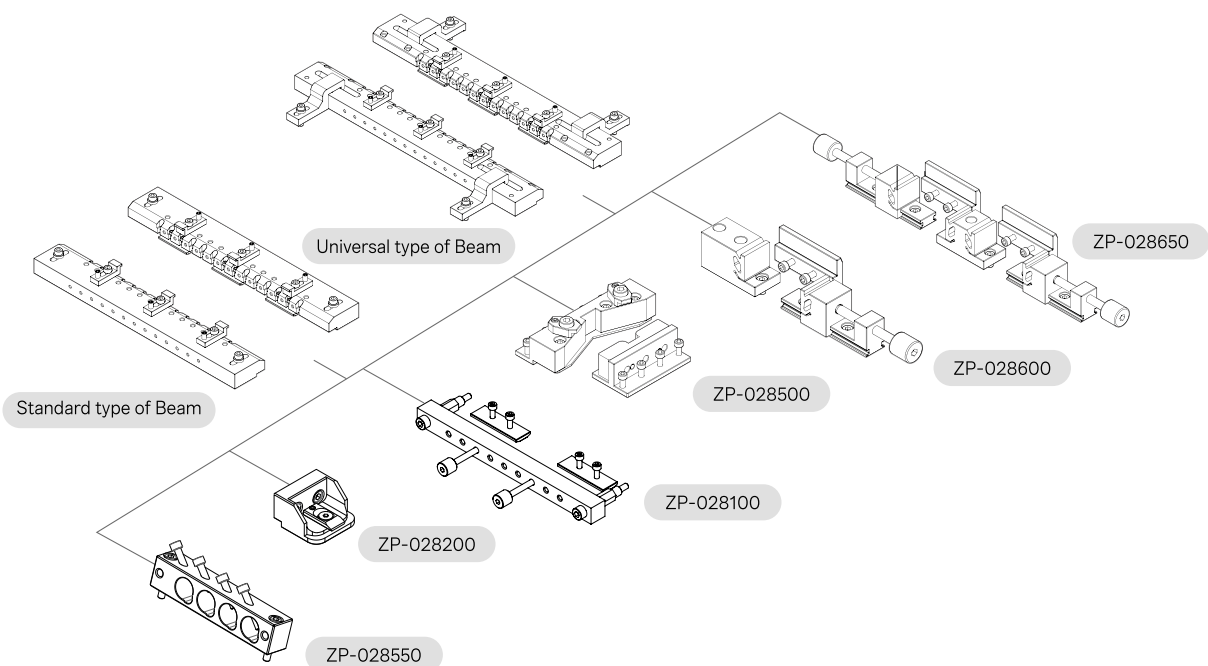
Clamping Series B I for medium-small workpieces up to 5kg

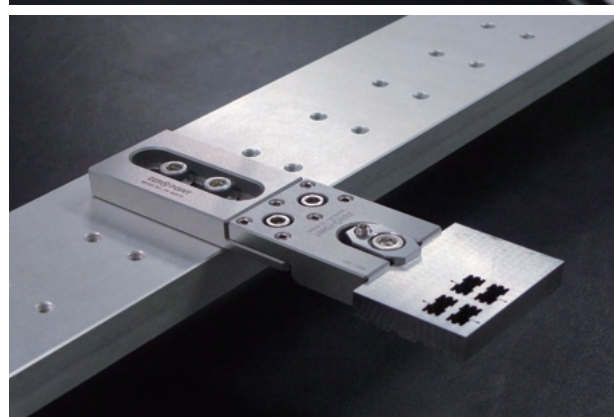
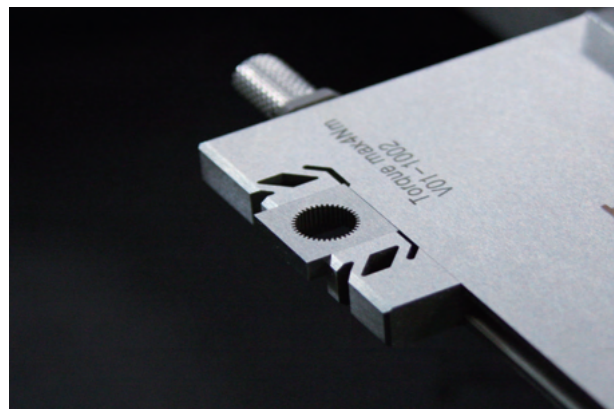
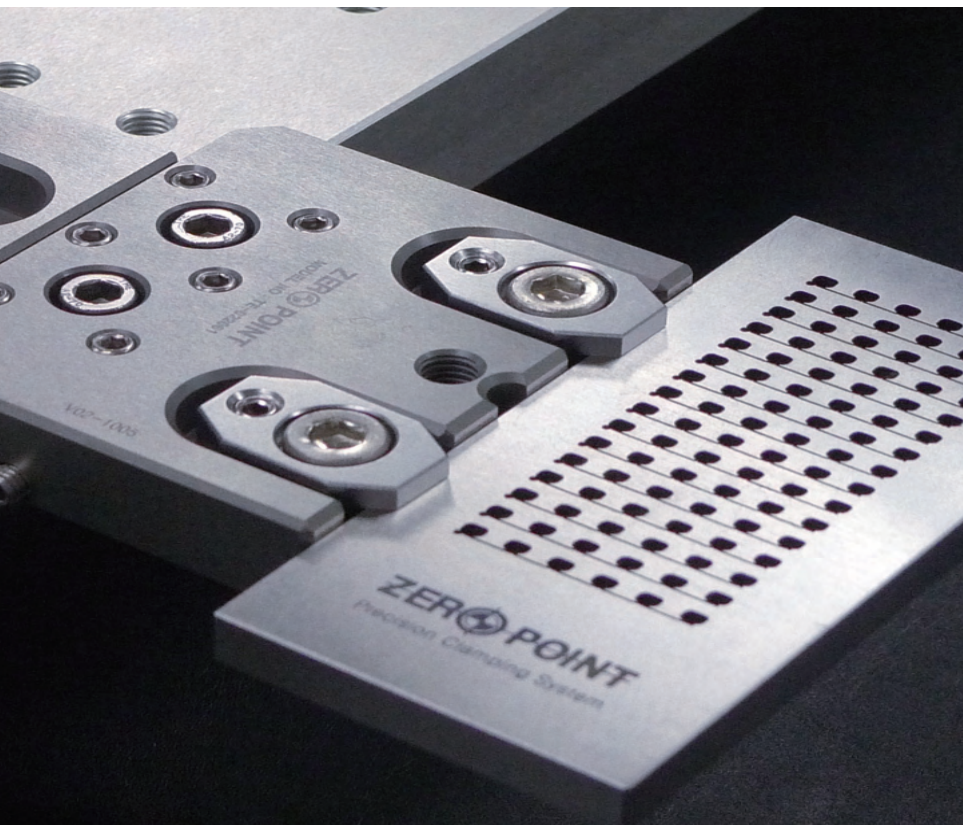


Clamping Series C I for medium workpieces up to 10kg



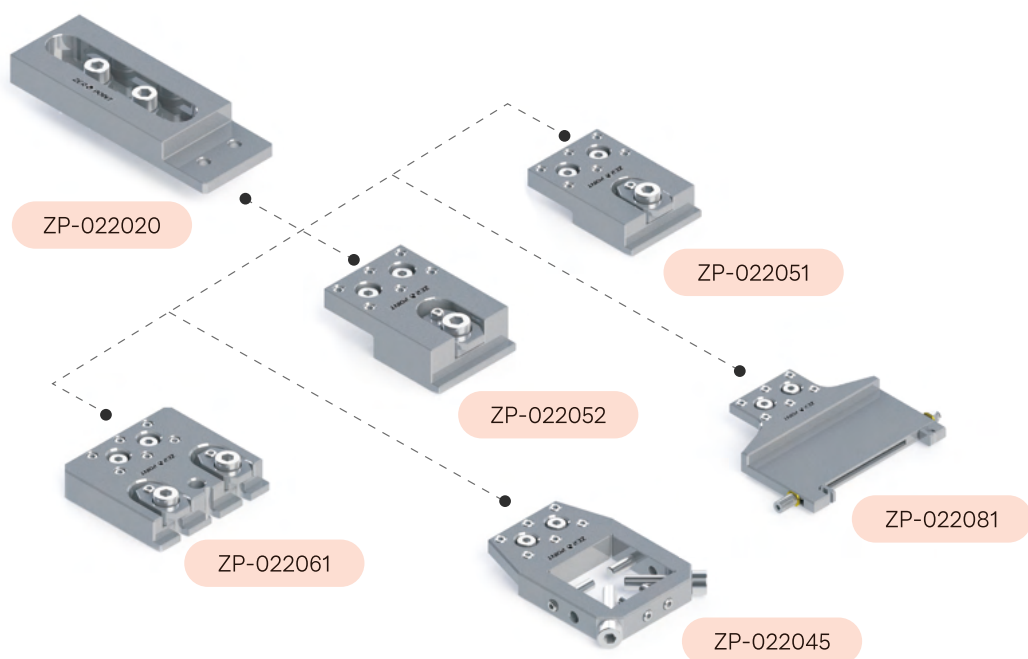
Clamping Beam Series I for medium-large workpieces over 10kg





Clamping Series A

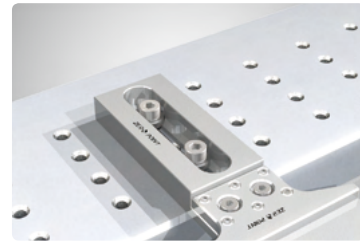
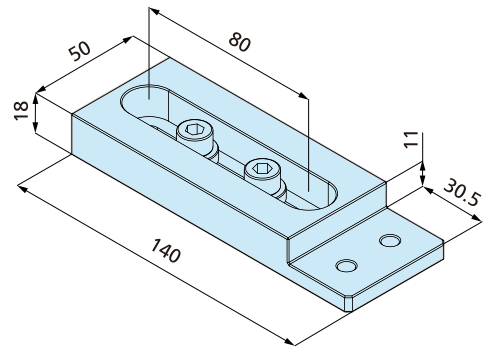
for small workpieces up to 3kg



Model No.

ZP-022020 | Fix Base A

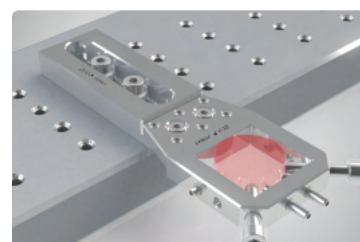
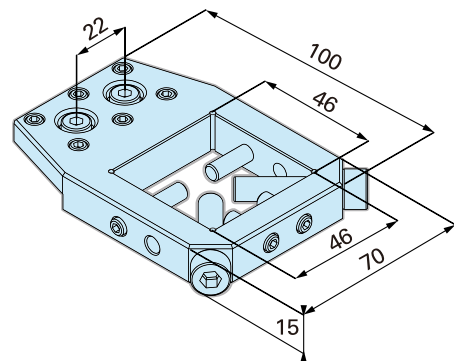
- **Features** Standard element for A-series
- **Application** Base for clamping elements of A-series
- **Mount** To be fitted to Machine table
- **Max. Load** 7kg
- **Weight** 0.7kg



Model No.

ZP-022045 | Clamping Head A-45

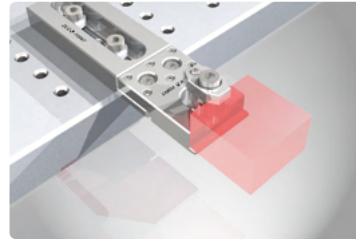
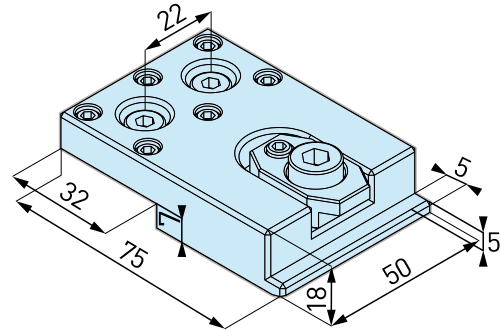
- **Application** Clamp for round and cubic workpieces of up to $\varnothing 45\text{mm}$.
- **Assembly** To be fitted to the fix base A (ZP-022020).
- **Range** $\varnothing 45\text{mm}$ or $45 \times 45\text{mm}$
- **Max. Load** 3kg
- **Weight** 0.4kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws.



Model No.

ZP-022051 | Clamping Head A-50-A

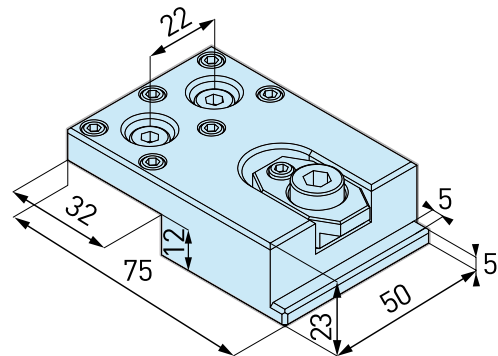
- **Features** Clamping element with clips for one-sided attachment to workpieces.
- **Application** Bottom level of workpiece : Z=+5mm.
- **Assembly** To be fitted to the fix base A(ZP-022020).
- **Range** 50 X 50 X 50mm
- **Max. Load** 1kg
- **Weight** 0.4kg



Model No.

ZP-022052 | Clamping Head A-50-B

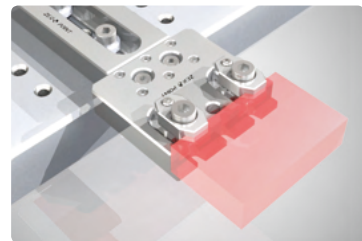
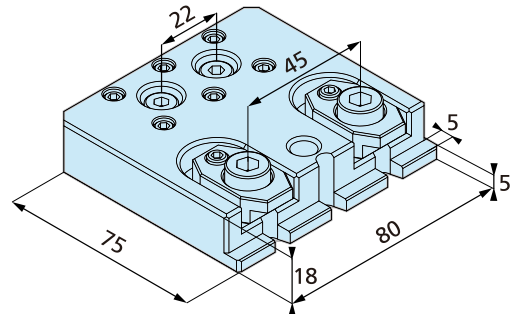
- **Features** Clamping element with clips for one-sided attachment to workpieces.
- **Application** Bottom level of workpiece : Z=0mm.
- **Assembly** To be fitted to the fix base A(ZP-022020).
- **Range** 70 X 70 X 50mm
- **Max. Load** 1kg
- **Weight** 0.4kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws.



Model No.

ZP-022061 | Clamping Head A-80

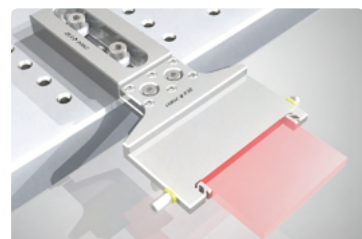
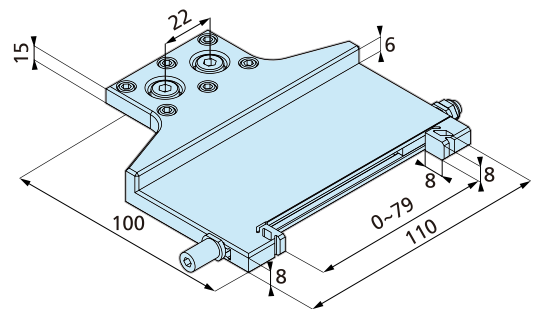
- **Features** Clamping element with clips for one-sided attachment to workpieces.
- **Application** Bottom level of workpiece : Z=+5mm
- **Assembly** To be fitted to the fix base A(ZP-022020).
- **Range** 100 X 70 X 50mm
- **Max. Load** 3kg
- **Weight** 0.6kg

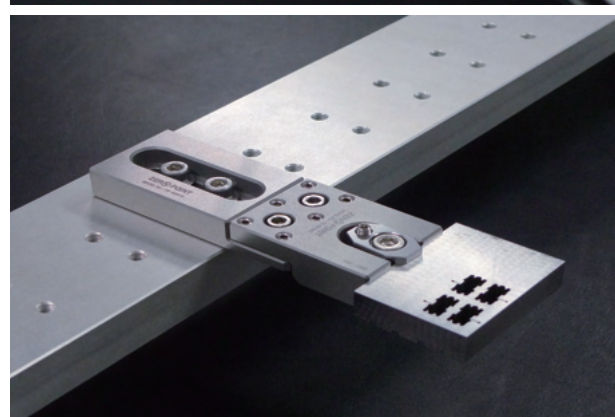
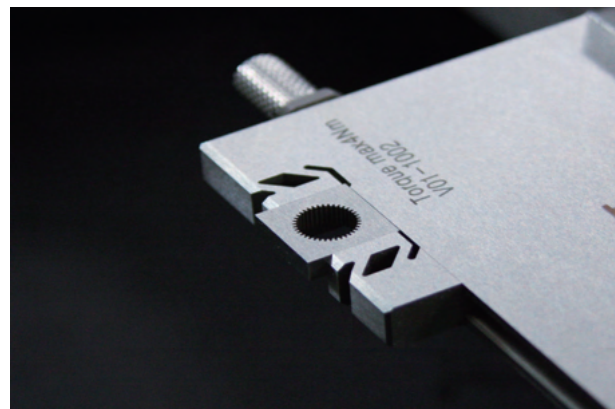
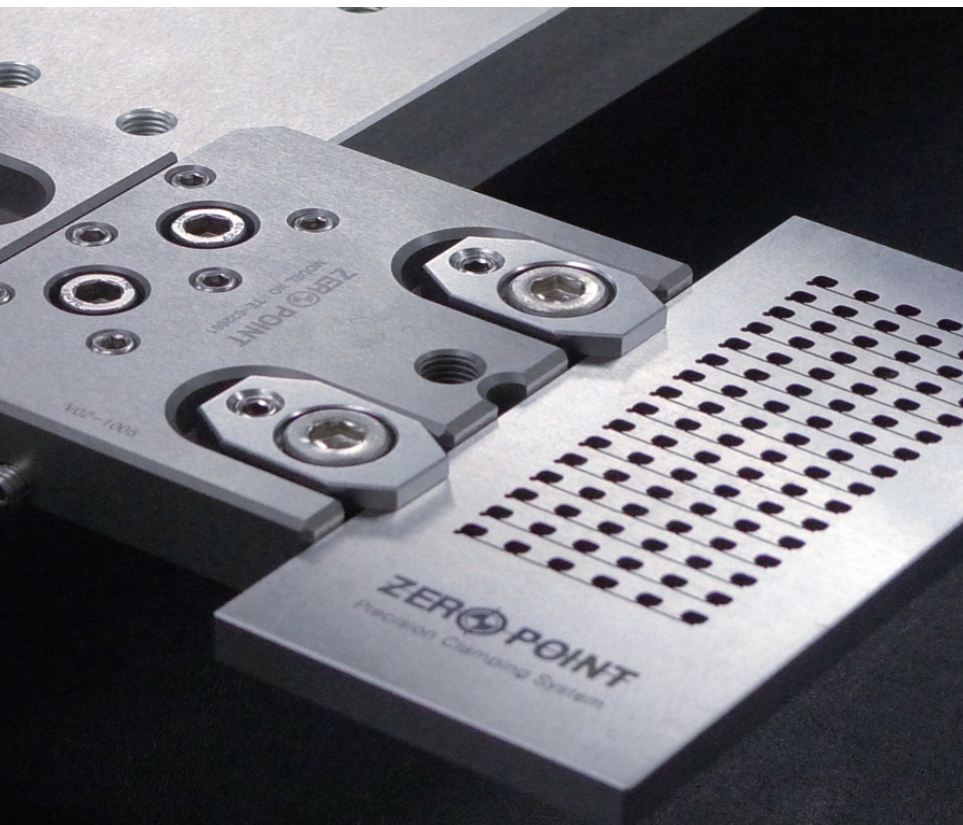


Model No.

ZP-022081 | Zero Vise A-80-8

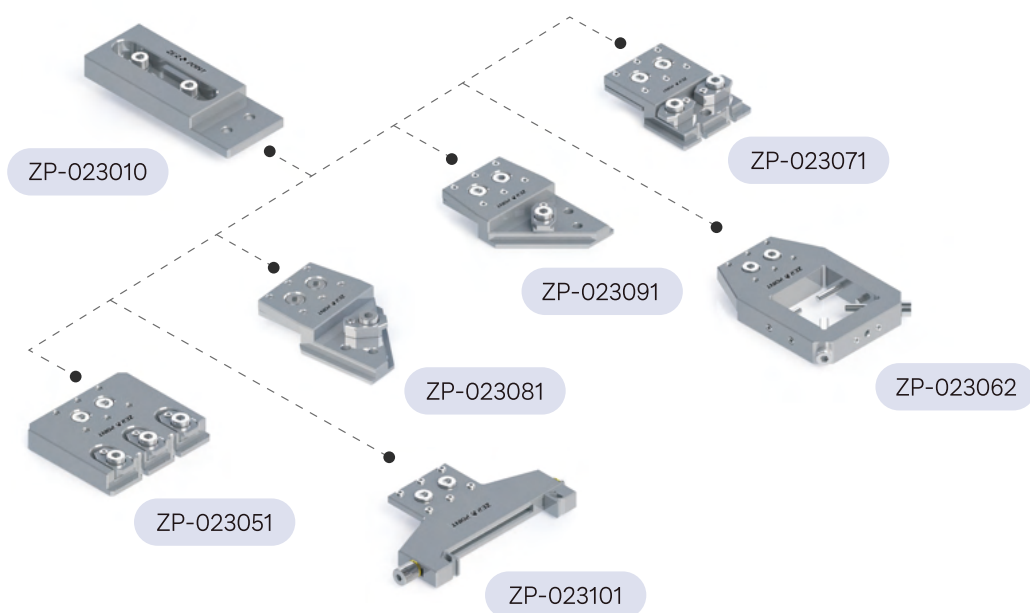
- **Features** One movable and one fixed jaw, ground and corrosion-resistant.
- **Application** Lateral clamping of workpieces of 0~79mm machined from the outside.
- **Assembly** To be fitted to the fix base A(ZP-022020).
- **Range** 0~79mm
- **Max. Load** 1kg
- **Weight** 0.5kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws.
Maximum tightening torque : 4Nm





Clamping Series B

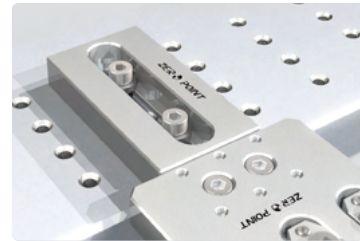
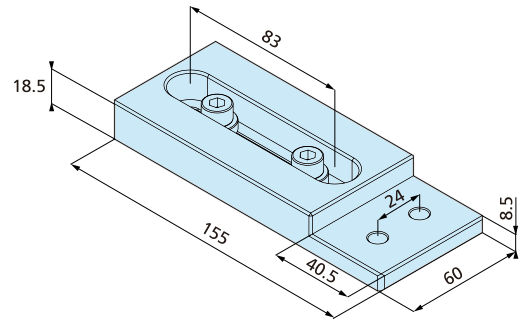
for medium-small workpieces up to 5kg



Model No.

ZP-023010 | Fix Base B

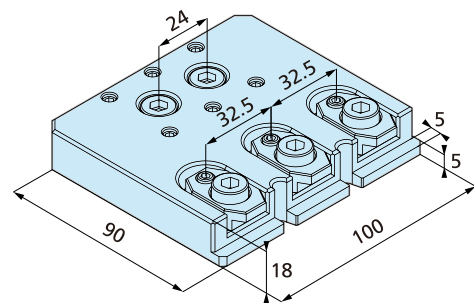
- **Features** Standard element for B-series
- **Application** Base for clamping elements of B-series
- **Mount** To be fitted to Machine table
- **Max. Load** 12kg
- **Weight** 1kg



Model No.

ZP-023051 | Clamping Head B-100

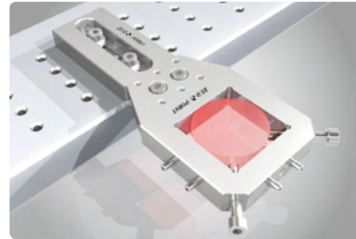
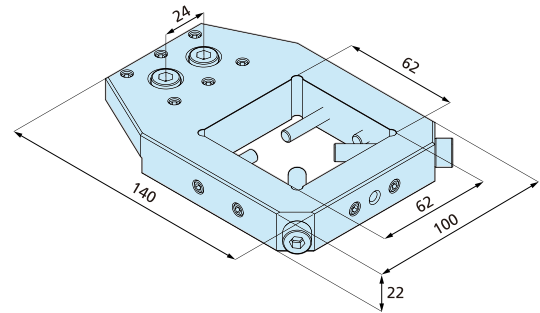
- **Features** Clamping element with clips for one-sided attachment to workpieces.
- **Application** Bottom level of workpiece : Z=+5mm
- **Assembly** To be fitted to the fix base B (ZP-023010).
- **Range** 120X100X70mm
- **Max. Load** 5kg
- **Weight** 0.9kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws.



Model No.

ZP-023062 | Clamping Head B-62

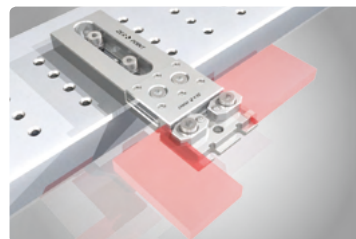
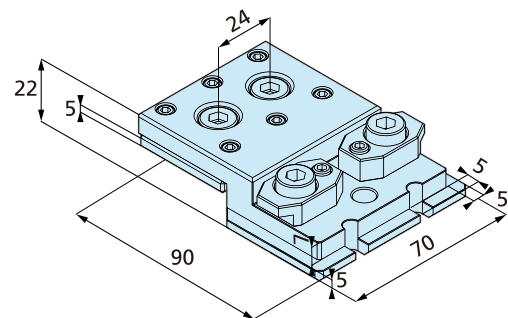
- **Application** Clamp for round and cubic workpieces of up to 60mm.
- **Assembly** To be fitted to the fix base B(ZP-023010).
- **Range** $\varnothing 60\text{mm}$ or $60 \times 60\text{mm}$
- **Max. Load** 4kg
- **Weight** 1.3kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws.



Model No.

ZP-023071 | Clamping Head B-70

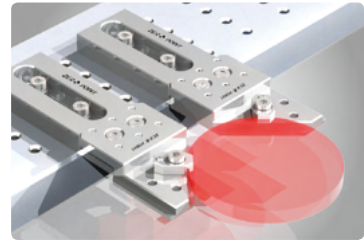
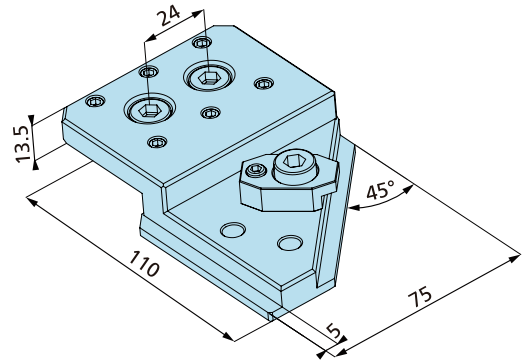
- **Features** Clamping element with clips for one-sided attachment to workpieces.
- **Application** Bottom level of workpiece : $Z=0$ or $+5\text{mm}$.
- **Assembly** To be fitted to the fix base B(ZP-023010)
- **Range** $70 \times 70 \times 50\text{mm}$
- **Max. Load** 4kg
- **Weight** 0.5kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws.



Model No.

ZP-023081 | Clamping Head B-45R

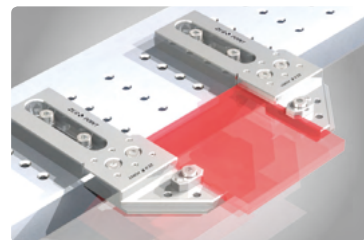
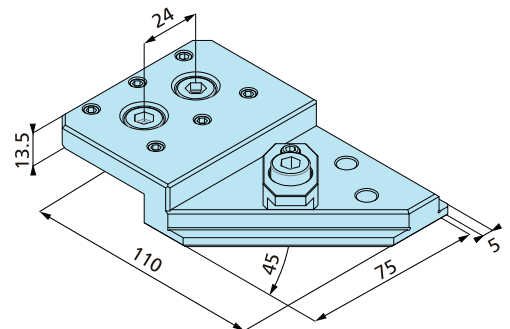
- **Features** Clamping element with clips for one-sided attachment to workpieces.
- **Application** Bottom level of workpiece : Z=0 or +5mm.
Usually, it is used in combination with ZP-023091
- **Assembly** To be fitted to the fix base B(ZP-023010).
- **Max. Load** 4kg
- **Weight** 0.6kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws.



Model No.

ZP-023091 | Clamping Head B-45L

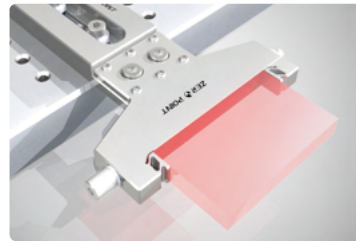
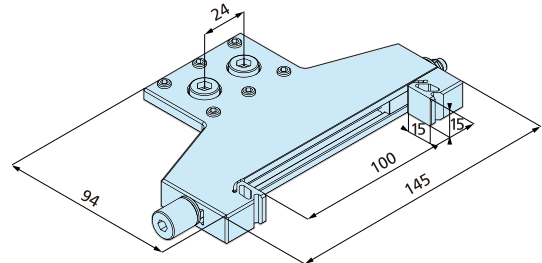
- **Features** Clamping element with clips for one-sided attachment to workpieces.
- **Application** Bottom level of workpiece : Z=0 or +5mm.
Usually, it is used in combination with ZP-023081
- **Assembly** To be fitted to the fix base B(ZP-023010).
- **Max. Load** 4kg
- **Weight** 0.6kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws.



Model No.

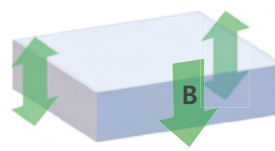
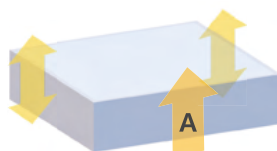
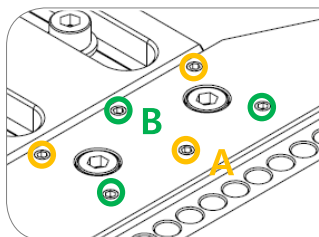
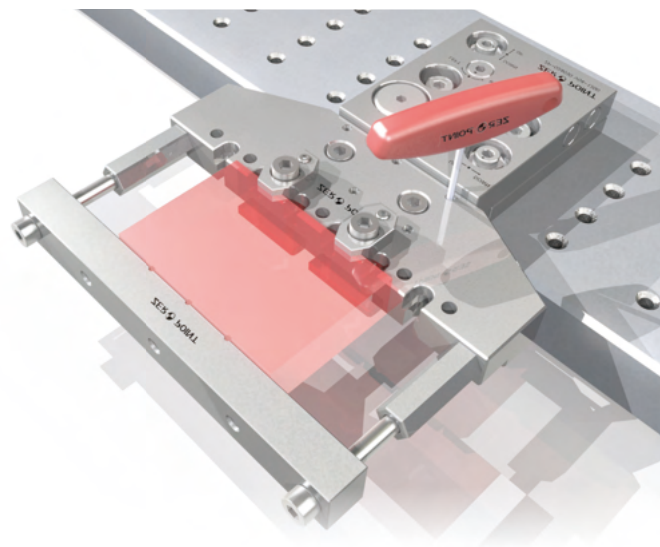
ZP-023101 | Zero Vise B-100-15

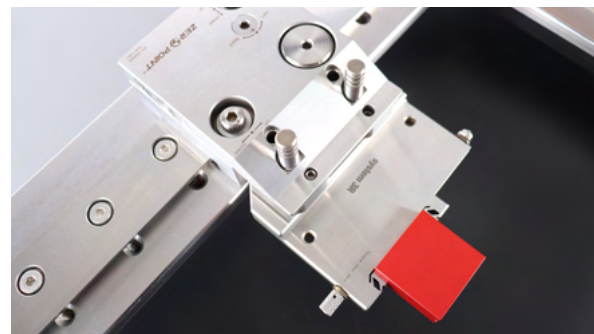
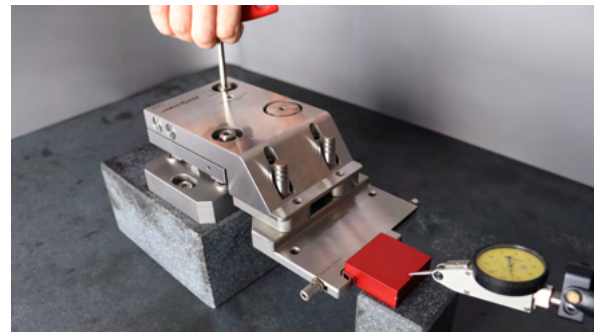
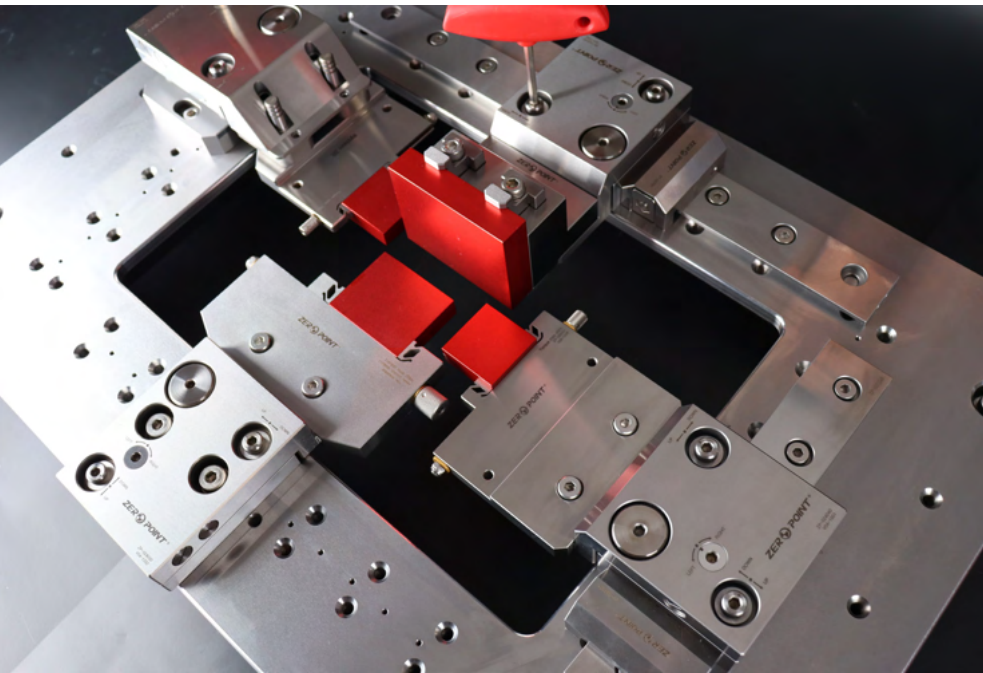
- **Features** One movable and one fixed jaw, ground and corrosion-resistant.
- **Application** Lateral clamping of workpieces of 0~100mm machined from the outside.
- **Assembly** To be fitted to the fix base B(ZP-023010).
- **Range** 0~100mm
- **Max. Load** 3kg
- **Weight** 0.7kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws.
Maximum tightening torque : 7Nm



ZERO POINT

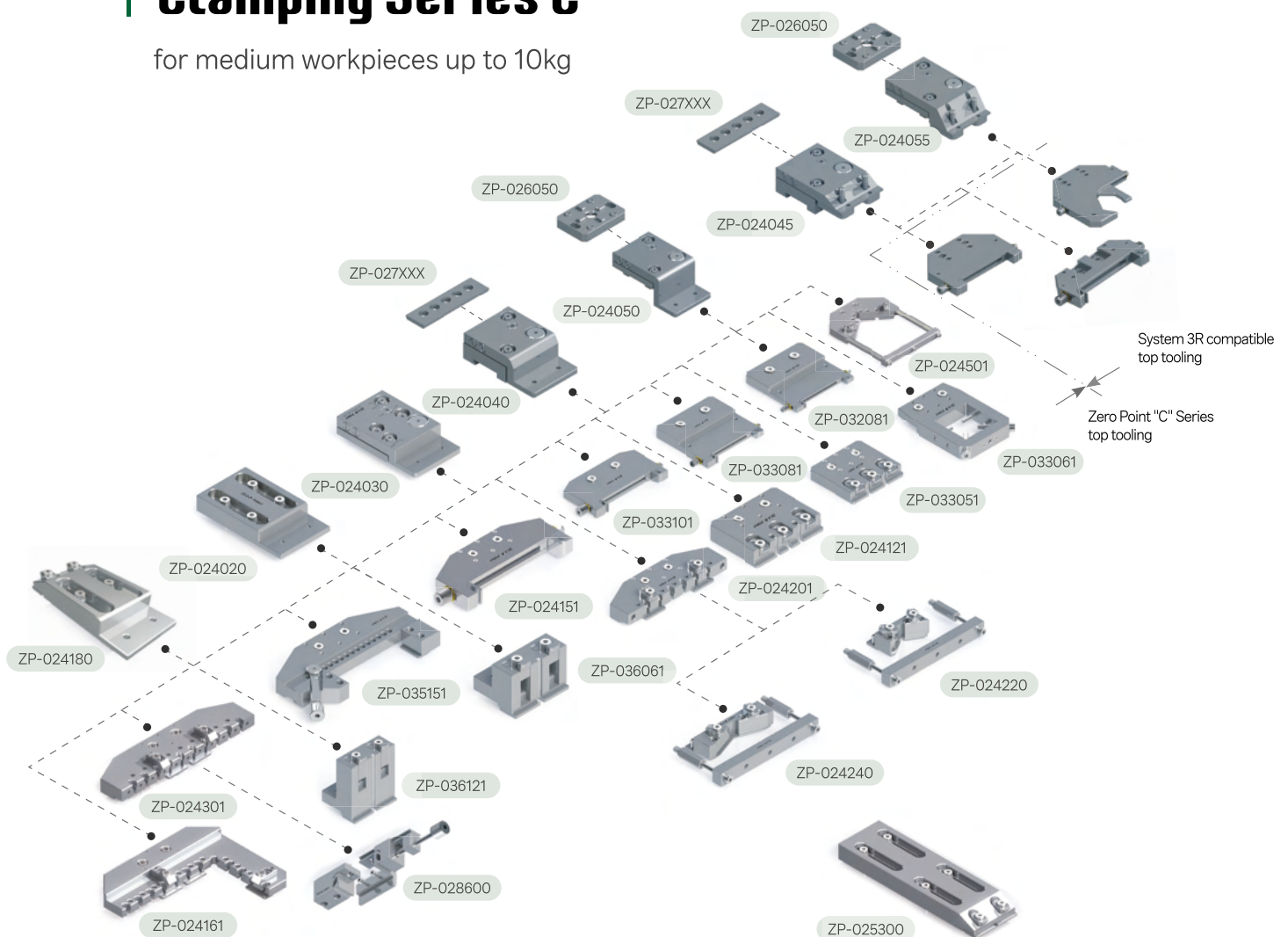
When clamping head assemble to
“Fix Base A(ZP-022020),B(ZP-023010), or
C(ZP-024020)”, To align workpiece using six pieces
of set screws as shown pictures





Clamping Series C

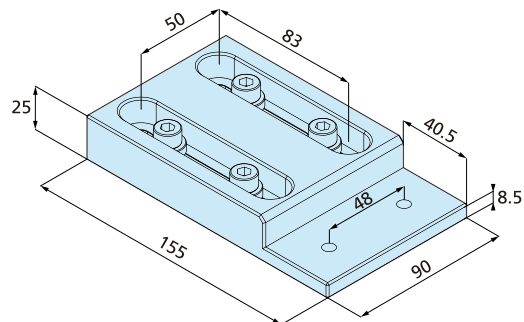
for medium workpieces up to 10kg



Model No.

ZP-024020 | Fix Base C

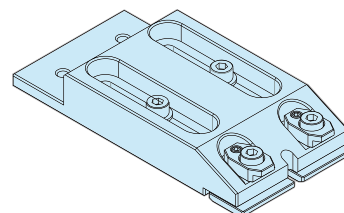
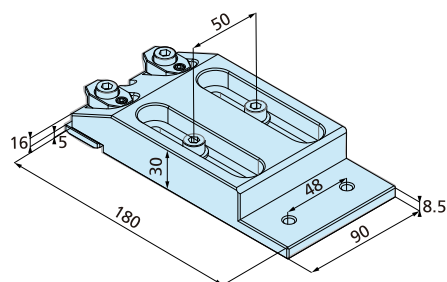
- **Features** Standard element for C-series.
- **Application** Base for clamping elements of C-series.
- **Mount** To be fitted to Machine table
- **Max. Load** 20kg
- **Weight** 1.8kg



Model No.

ZP-024180 | Fix Base C & Clamp 180

- **Features** Standard element for C-series
Clamps workpieces in up-down direction.
- **Application** Base for clamping elements of C-series
Use one, two or four unit of clamping unit,
can clamp from small
to medium workpiece.
Bottom level of workpiece Z = 0 or +5mm
- **Mount** To be fitted to Machine table
- **Max. Load** 10kg
- **Weight** 2.5kg

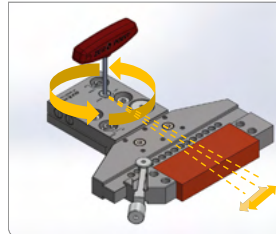


Model No.

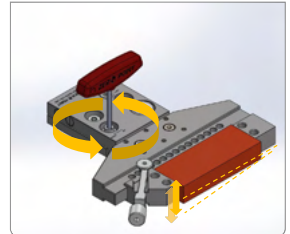
ZP-024030 | Leveling Base 3D

- **Features** Standard element for C-series
- **Application** Base for clamping elements of C-series
- **Mount** To be fitted to Machine table
- **Max. Load** 10kg
- **Weight** 2.5kg
- **Note** Adjustable in the ZX, ZY plane and C-axis by adjust screws.

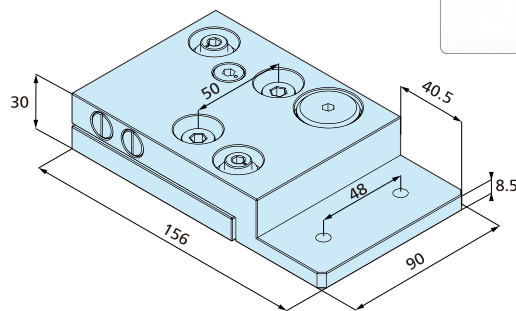
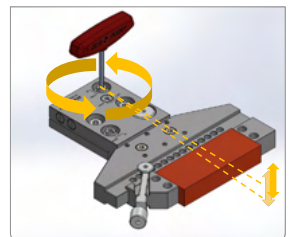
C axis-aligning



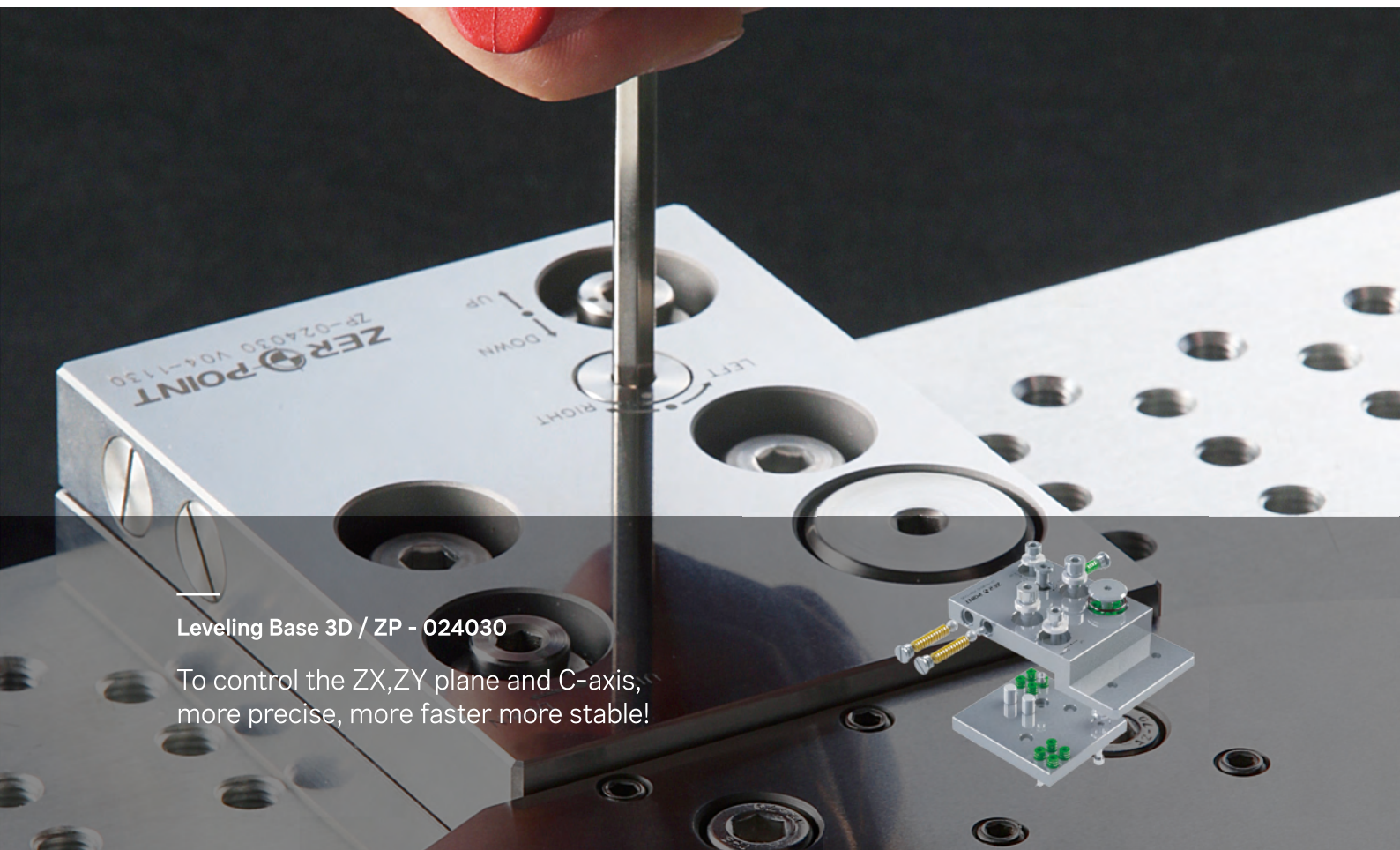
ZX axis-leveling



ZY axis-leveling

**Leveling Base 3D / ZP - 024030**

To control the ZX,ZY plane and C-axis,
more precise, more faster more stable!

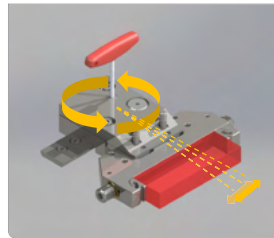


Model No.

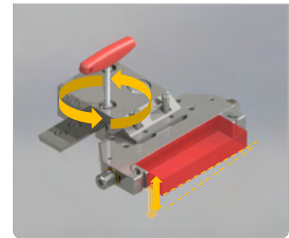
ZP-024045 | Leveling Base 3D with Dove Tail, System3R Compatible

- **Features** Standard element for System3R and Compatible
- **Application** Base for Clamping element of system 3R Compatible
- **Mount** To be fitted on ZP-027XXX or System 3R compatible base.
- **Max. Load** 10kg
- **Weight** 2.5kg
- **Note** Adjustable in the ZX,ZY plane and C-axis by fine adjust screws.

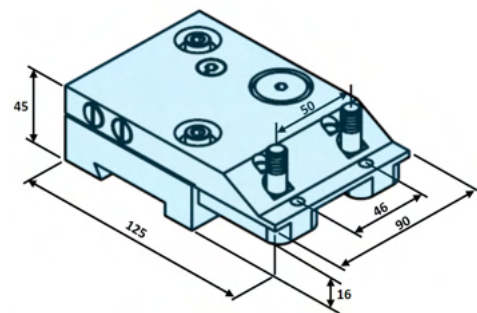
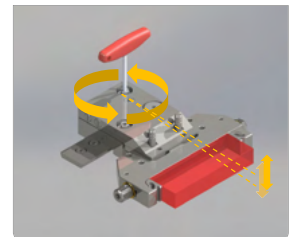
C axis - aligning



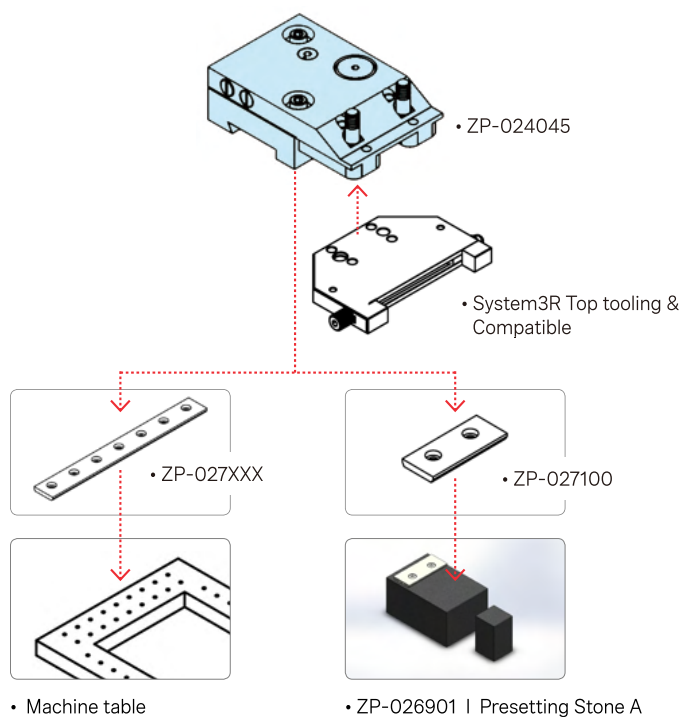
ZX axis - aligning



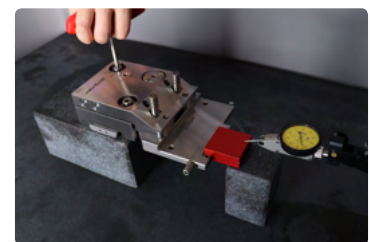
ZY axis - aligning



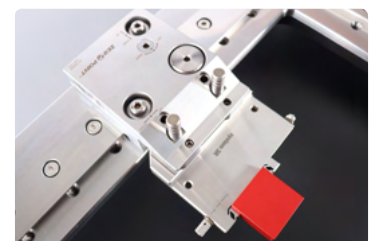
► Application | For System3R or Compatible



- Preset in three axes - Setup done in seconds



Presetting on Stone A



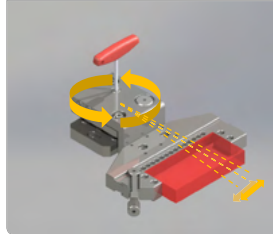
On Machine table

Model No.

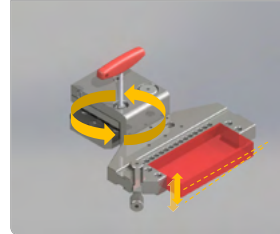
ZP-024050 | Leveling Base 3D with Macro

- **Features** Standard element for ZERO POINT C-Series
- **Application** Base for Clamping element ZERO POINT C-series
- **Mount** To be fitted on ZP-026050 or System 3R compatible base.
- **Max. Load** 10kg
- **Weight** 3.5kg
- **Note** Adjustable in the ZX,ZY plane and C-axis by fine adjust screws.

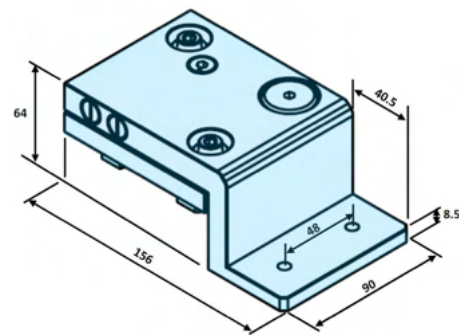
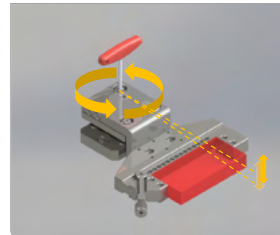
C axis - aligning



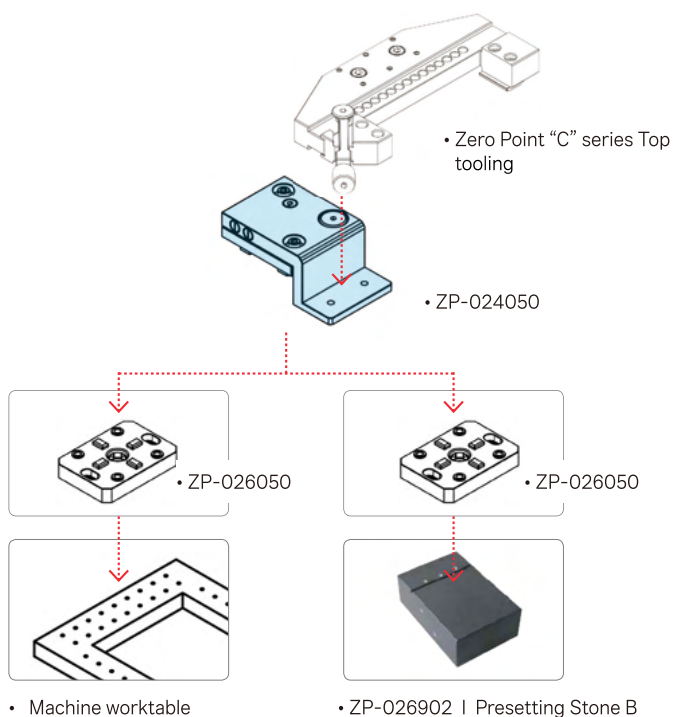
ZX axis - aligning



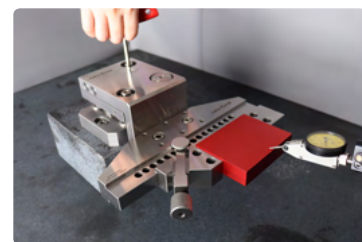
ZY axis - aligning



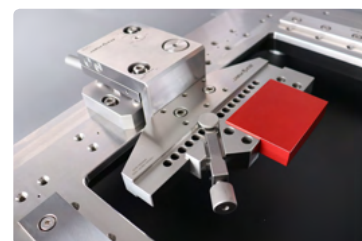
► Application | For Zero Point "C" series



- Preset in three axes - Setup done in seconds



Presetting on Stone B



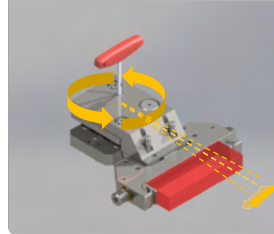
On Machine table

Model No.

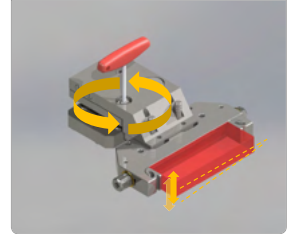
ZP-024055 | Leveling Base 3D with Macro, System3R Compatible

- **Features** Standard element for System3R and Compatible
- **Application** Base for Clamping element of system3R Compatible
- **Mount** To be fitted on ZP-026050 or System 3R compatible base.
- **Max. Load** 10kg
- **Weight** 3.5kg
- **Note** Adjustable in the ZX,ZY plane and C-axis by fine adjust screws.

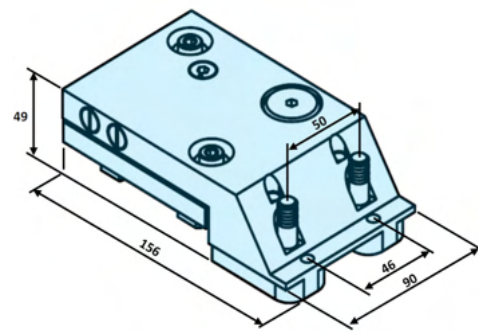
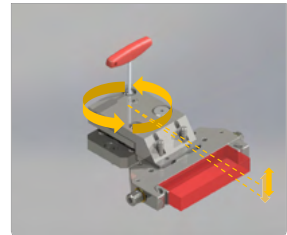
C axis - aligning



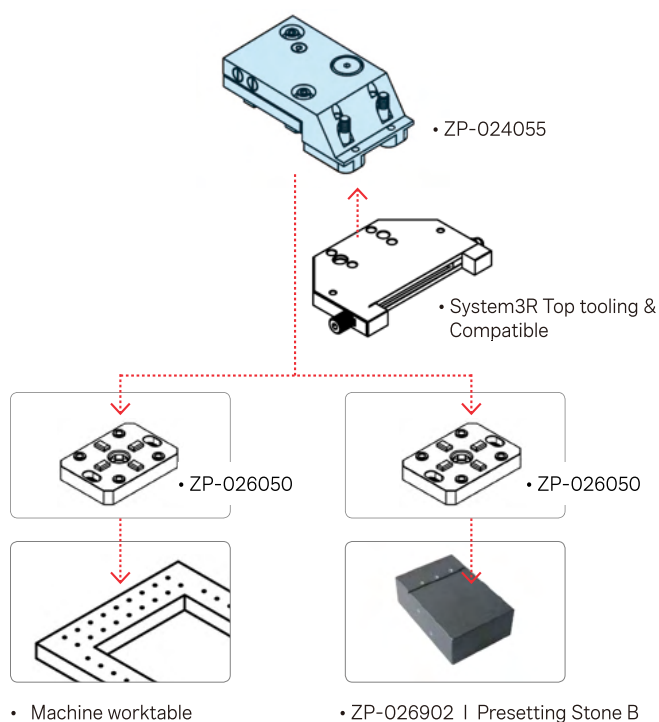
ZX axis - aligning



ZY axis - aligning



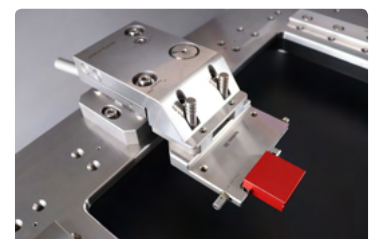
► Application | For System3R or Compatible



- Preset in three axes - Setup done in seconds



Presetting on Stone B



On Machine table

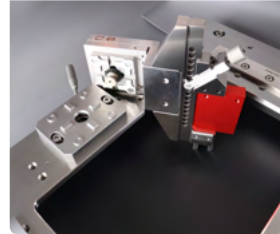
ZP-026050 | Zero Point Macro chuck manual

• Features	Mechanical chuck for a direct fit to the Z=0 base of the WEDM center.
• Application	On WEDM centers with manual workpiece loading. Base for Clamping element ZERO POINT C-series or System 3R compatible
• Mount	To be fitted on machine table and Presetting equipment.
• Repeatability	0.002mm
• Max Load	1.5kg
• Operation	With a manually operated ball lock.

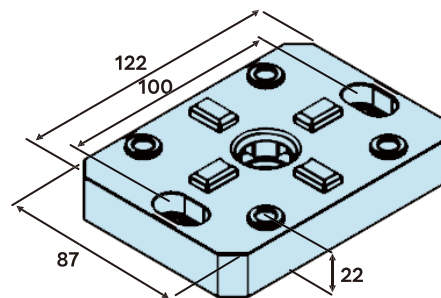
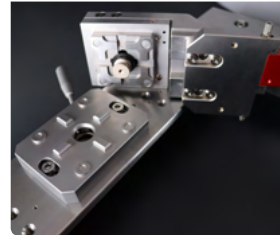
Macro chuck on worktable



With Zero Point "C" series

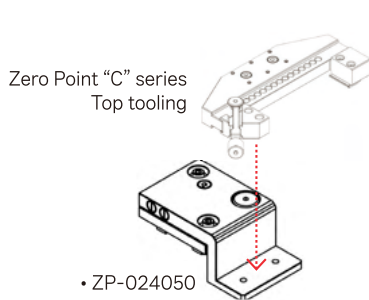


With System3R or Compatible

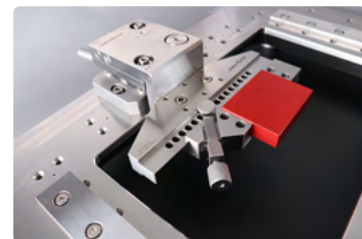
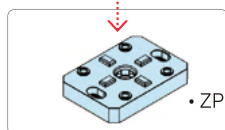
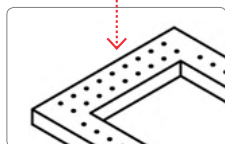
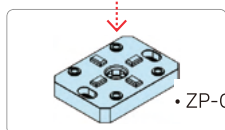
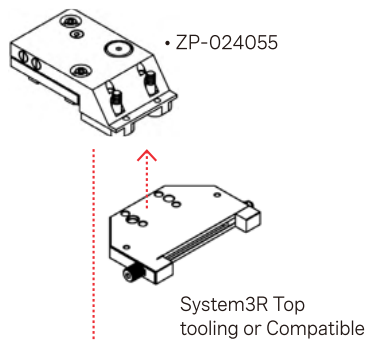


► Application | Zero Point Clamping system

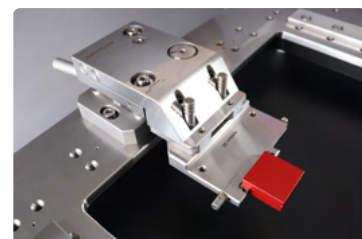
With Zero Point "C" series



With System3R or Compatible



• With Zero Point "C" series Top tooling

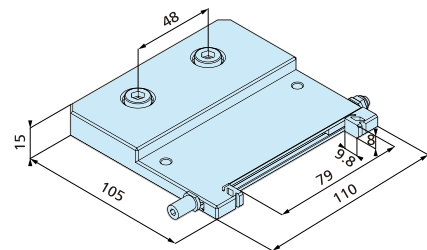
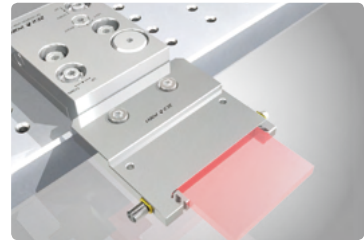
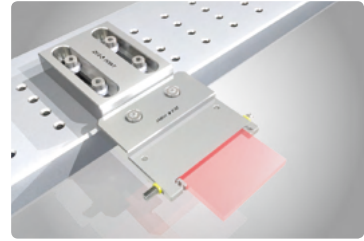


• With System3R or Compatible

Model No.

ZP-032081 | Zero Vise C-80-8

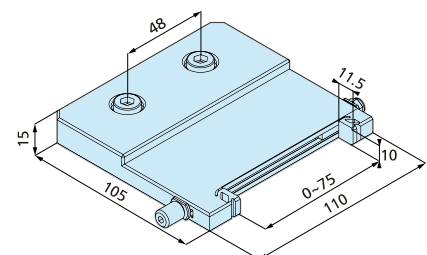
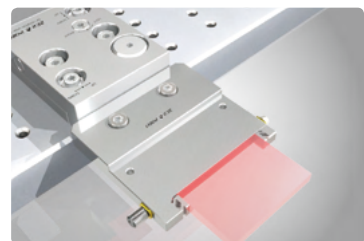
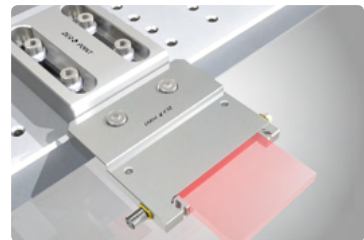
- **Features** One movable and one fixed jaw, ground and corrosion-resistant.
- **Application** Lateral clamping of workpieces of 0~79mm machined from the outside.
- **Assembly** To be fitted to the Leveling base 3D (ZP-024030).
- **Range** 0 ~ 79mm
- **Max. Load** 1kg
- **Weight** 0.7kg
- **Note** Adjustable in the ZX,ZY plane and C-axis by adjust screws.
on the Leveling Base 3D(ZP-024030)
Maximum tightening torque : 4Nm



Model No.

ZP-033081 | Zero Vise C-80-10

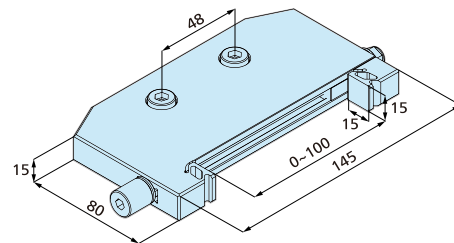
- **Features** One movable and one fixed jaw, ground and corrosion-resistant.
- **Application** Lateral clamping of workpieces of 0~75mm machined from the outside.
- **Assembly** To be fitted to the Leveling base 3D (ZP-024030).
- **Range** 0 ~ 75mm
- **Max. Load** 2kg
- **Weight** 0.8kg
- **Note** Adjustable in the ZX,ZY plane and C-axis by adjust screws.
on the Leveling Base 3D(ZP-024030)
Maximum tightening torque : 4Nm



Model No.

ZP-033101 | Zero Vise C-100-15

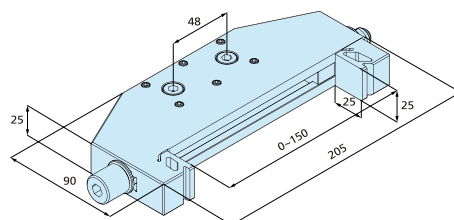
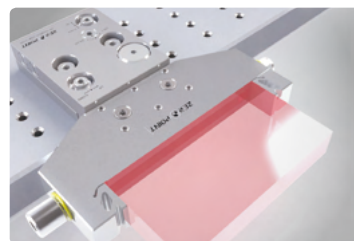
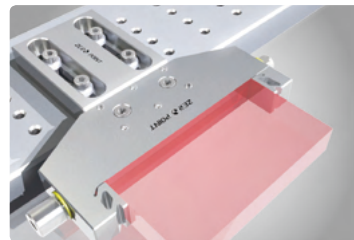
- **Features** One movable and one fixed jaw, ground and corrosion-resistant.
- **Application** Lateral clamping of workpieces of 0~100mm machined from the outside.
- **Assembly** To be fitted to the Leveling base 3D (ZP-024030)
- **Range** 0 ~ 100mm
- **Max. Load** 3kg
- **Weight** 0.9kg
- **Note** Adjustable in the ZX,ZY plane and C-axis by adjust screws.
on the Leveling Base 3D(ZP-024030)
Maximum tightening torque : 7Nm



Model No.

ZP-024151 | Zero Vise C-150-25

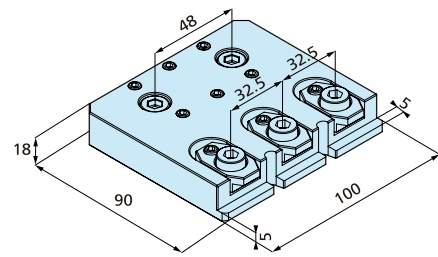
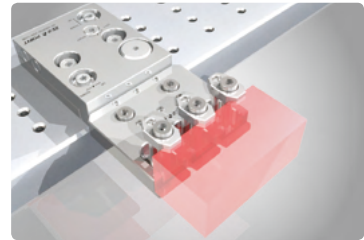
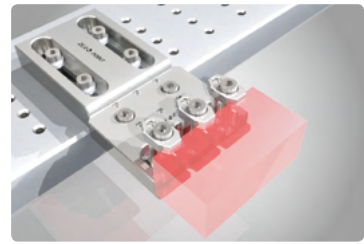
- **Features** One movable and one fixed jaw, ground and corrosion-resistant.
- **Application** Lateral clamping of workpieces of 0~150mm machined from the outside.
- **Assembly** To be fitted to the fix base C(ZP-024020 / ZP-024180) or Leveling base 3D (ZP-024030).
- **Range** 0 ~ 150mm
- **Max. Load** 10kg
- **Weight** 1.9kg
- **Note** With Fix base(ZP-024020) ; Adjustable in the ZX and ZY plane using six pieces of screws.
With Leveling Base(ZP-024030) :
Adjustable in the ZX,ZY plane and C-axis by adjust screws on Leveling Base 3D.
Maximum tightening torque : 15Nm



Model No.

ZP-033051 | Clamping Head C-100

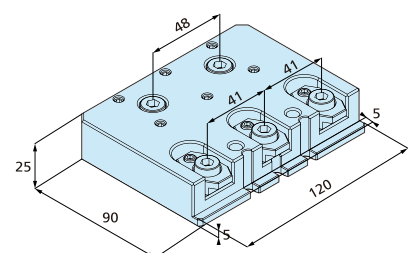
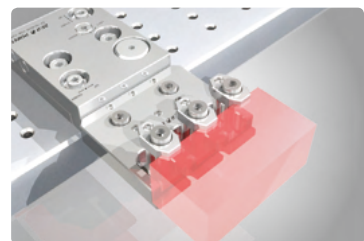
- **Features** Clamping element with clips for one-sided attachment to workpieces
- **Application** Clamp workpiece in down direction. Bottom level of workpiece : Z=+5mm
- **Assembly** To be fitted to the fix base C(ZP-024020 / ZP-024180) or Leveling base 3D (ZP-024030).
- **Range** 120X120X70mm
- **Max. Load** 5kg
- **Weight** 0.9kg
- **Note** With Fix base(ZP-024020) ; Adjustable in the ZX and ZY plane using six pieces of screws.
With Leveling Base(ZP-024030) : Adjustable in the ZX,ZY plane and C-axis by adjust screws on Leveling Base 3D.



Model No.

ZP-024121 | Clamping Head C-120

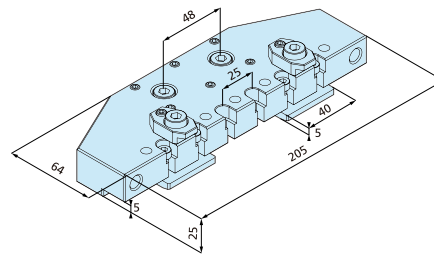
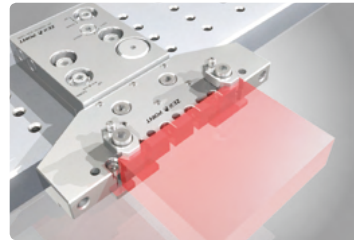
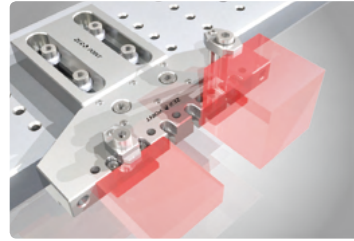
- **Features** Clamping element with clips for one-sided attachment to workpieces
- **Application** Clamp workpiece in down direction. Bottom level of workpiece : Z=0 or +5mm
- **Assembly** To be fitted to the fix base C(ZP-024020 / ZP-024180) or Leveling base 3D(ZP-024030).
- **Range** 150X150X100mm
- **Max. Load** 10kg
- **Weight** 1.5kg
- **Note** With Fix base(ZP-024020) ; Adjustable in the ZX and ZY plane using six pieces of screws.
With Leveling Base(ZP-024030) : Adjustable in the ZX,ZY plane and C-axis by adjust screws on Leveling Base 3D.



Model No.

ZP-024201 | Clamping Head C-200

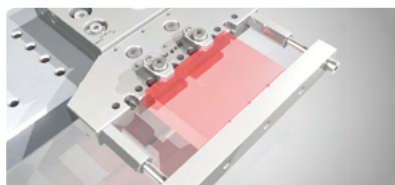
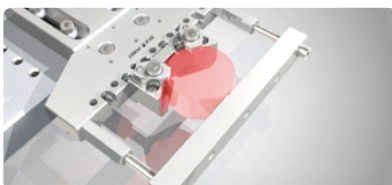
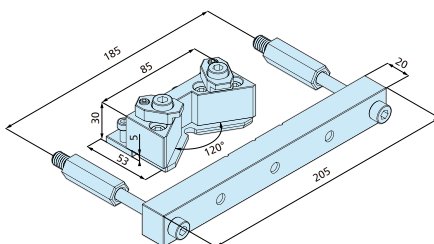
- **Features** Clamping element with clips for one-sided attachment to workpieces.
Clamp workpiece in down direction.
- **Application** Bottom level of workpiece : Z=0 or +5mm
- **Assembly** To be fitted to the fix base C(ZP-024020 // ZP-024180) or
Leveling base 3D (ZP-024030).
- **Range** 200X150X100mm
- **Max. Load** 10kg
- **Weight** 1.8kg
- **Note** With Fix base(ZP-024020) ; Adjustable in the ZX and ZY plane using six pieces of screws.
With Leveling Base(ZP-024030) : Adjustable in the ZX,ZY plane and C-axis by adjust screws on Leveling Base 3D.



Model No.

ZP-024220 | Prism head 120

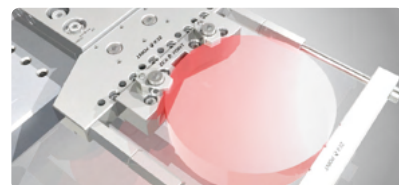
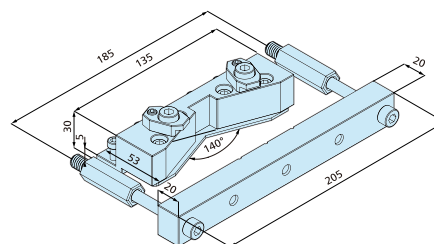
- **Application** To clamp cylindrical workpieces of up to 80mm.
- **Assembly** To be fitted to the front of ZP-024201
- **Range** ø80mm



Model No.

ZP-024240 | Prism head 140

- **Application** To clamp cylindrical workpieces of up to 120mm.
- **Assembly** To be fitted to the front of ZP-024201
- **Range** ø120mm



Model No.

ZP-033061 | Clamping Head C-62

• Features

• **Application** Clamp for round and cubic workpieces of up to 60mm.

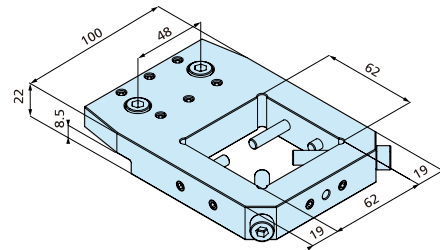
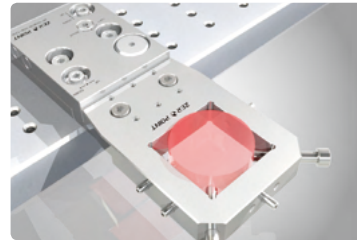
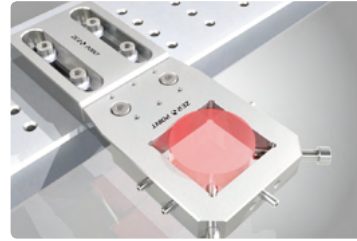
• **Assembly** To be fitted to the Fix base C(ZP-024020 / ZP-02418) or Leveling base 3D (ZP-024030).

• **Range** Ø60mm or 60X60mm

• **Max. Load** 5kg

• **Weight** 1.3kg

• **Note** With Fix base(ZP-024020) ; Adjustable in the ZX and ZY plane using six pieces of screws.
With Leveling Base(ZP-024030) : Adjustable in the ZX,ZY plane and C-axis by adjust screws on Leveling Base 3D.



Model No.

ZP-035151 | Toggle Vise C-150-25

• **Features** One movable and one fixed jaw, ground and corrosion-resistant.

• **Application** Lateral clamping of workpieces of 0~150mm machined from the outside.

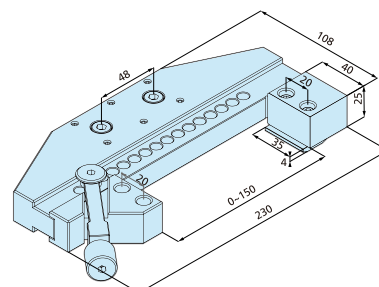
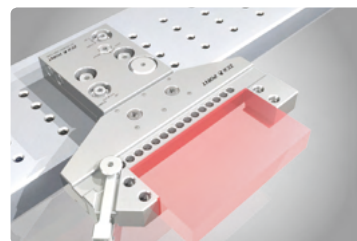
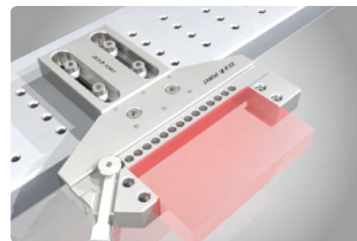
• **Assembly** To be fitted to the Fix base C(ZP-024020 / ZP-024180) or Leveling base 3D(ZP-024030).

• **Range** 0 ~ 150mm

• **Max. Load** 10kg

• **Weight** 2.5kg

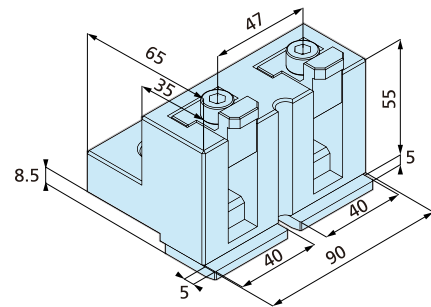
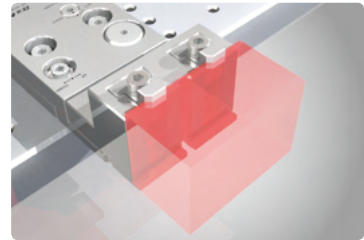
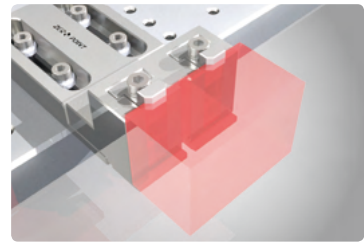
• **Note** With Fix base(ZP-024020) ; Adjustable in the ZX and ZY plane using six pieces of screws.
With Leveling Base(ZP-024030) : Adjustable in the ZX,ZY plane and C-axis by adjust screws on Leveling Base 3D.
Maximum tightening torque : 10Nm



Model No.

ZP-036061 | Zero Clamp C-65

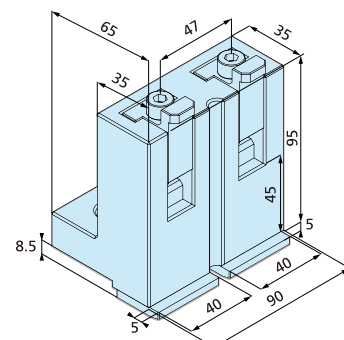
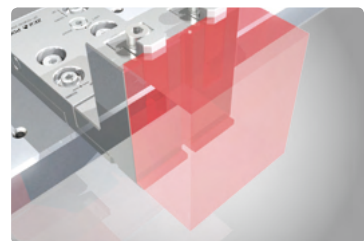
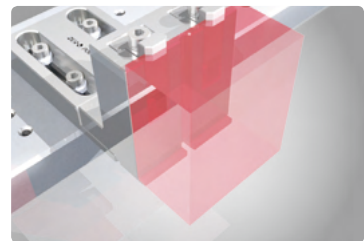
- **Features** Vice with detachable Z-supports and jaws fitted from above.
- **Application** To clamp workpieces of up to 65mm in height.
- **Assembly** To be fitted to the Leveling base 3D(ZP-024030).
- **Range** 150X150X65mm
- **Max. Load** 10kg
- **Weight** 1.5kg
- **Note** Adjustable in the ZX,ZY plane and C-axis by adjust screws. on the Leveling Base 3D(ZP-024030)



Model No.

ZP-036121 | Zero Clamp C-120

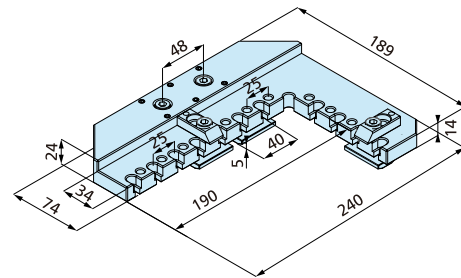
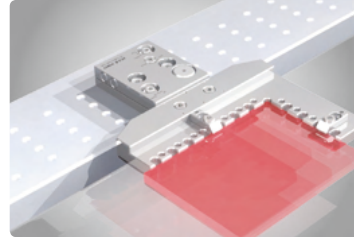
- **Features** Vice with detachable Z-supports and jaws fitted from above.
- **Application** To clamp workpieces from 45mm to 120mm in height.
- **Assembly** To be fitted to the Leveling base 3D(ZP-024030).
- **Range** 150X150X120mm
- **Max. Load** 10kg
- **Weight** 1.9kg
- **Note** Adjustable in the ZX,ZY plane and C-axis by adjust screws. on the Leveling Base 3D(ZP-024030)



Model No.

ZP-024161 | Clamping Head C-190

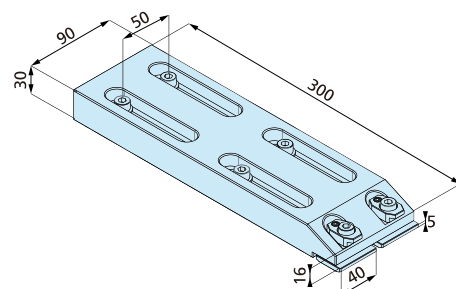
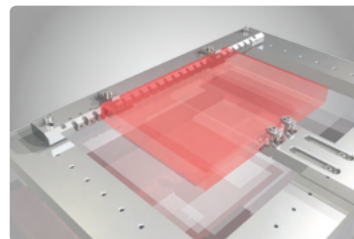
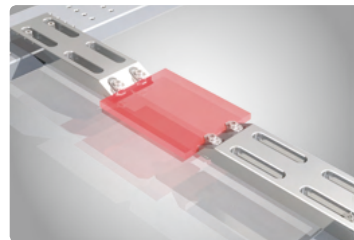
- **Features** Universal holder for collision-free clamping of rectangular and cylindrical workpieces.
- **Application** Bottom level of workpiece : Z=0 or +5mm
- **Assembly** To be fitted to the fix base C(ZP-024020/ ZP-024180) or Leveling base 3D (ZP-024030).
- **Range** 200X125X100mm, Ø 200mm
- **Max. Load** 10kg
- **Weight** 3.4kg
- **Note** With Fix base(ZP-024020) ; Adjustable in the ZX and ZY plane using six pieces of screws.
With Leveling Base(ZP-024030) : Adjustable in the ZX,ZY plane and C-axis by adjust screws on Leveling Base 3D.



Model No.

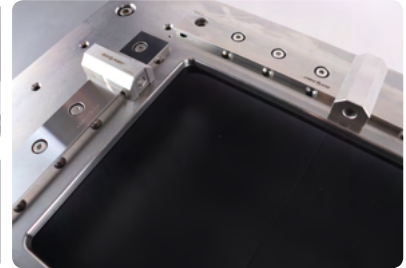
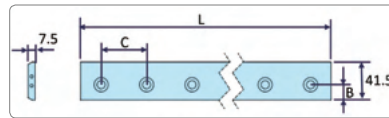
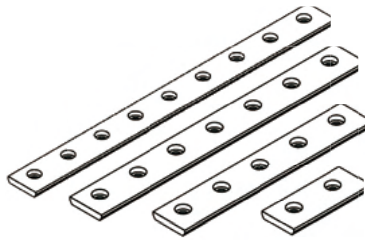
ZP-025300 | Fix Clamp C-300

- **Features** Standard element for C-series Clamps workpieces in up-down direction.
- **Application** Use one, two or four unit of clamping unit, can clamp from small to medium workpiece. Bottom level of workpiece Z =0 or +5mm
- **Assembly** To be fitted to Machine table
- **Max. Load** 10kg
- **Weight** 6kg



ZP-027XXX | Reference element

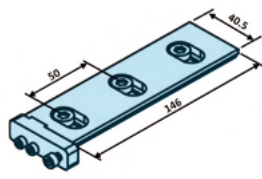
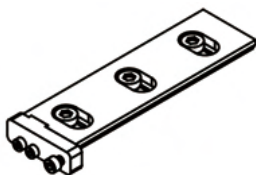
Reference elements for machines with zero-point table. The length(L), hole spacing(C) and hole edge spacing(B) of the hardened reference elements are matched to the machine in question.



Model No.	L	C	B	Remarks
ZP-027100	100	50	17	
ZP-027145	145	50	17	
ZP-027245	245	50	17	
ZP-027345	345	50	17	
ZP-027445	445	50	17	
ZP-027XXX	On request	50	17	

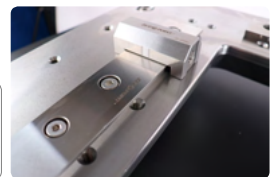
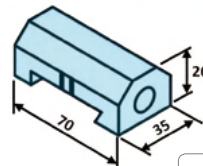
ZP-027146 | Reference element

Reference elements for machines with zero-point table. Supplied with end stops.



ZP-026070 | Reference stopper

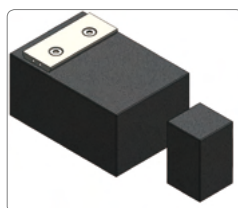
Can be moved infinitely along the entire reference element.



ZP-026901 | Presetting stone A

Stone with three ground faces, a reference element and a clearance stone.

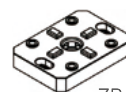
Dimension : 150 x 110 x 80mm
Weight : 5.4kg.



ZP-026902 | Presetting stone B

Mounting stone with bushings and holes for mounting chuck or reference element.

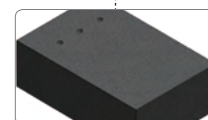
Dimension : 300 x 200 x 100mm
Weight : 20kg



· ZP-026050



· ZP-027146

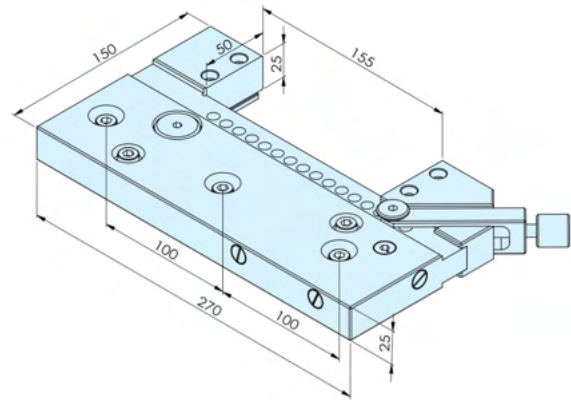


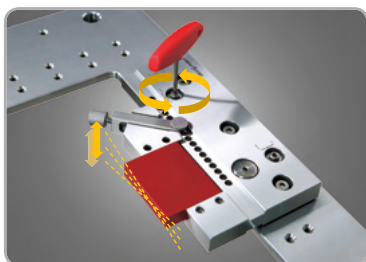
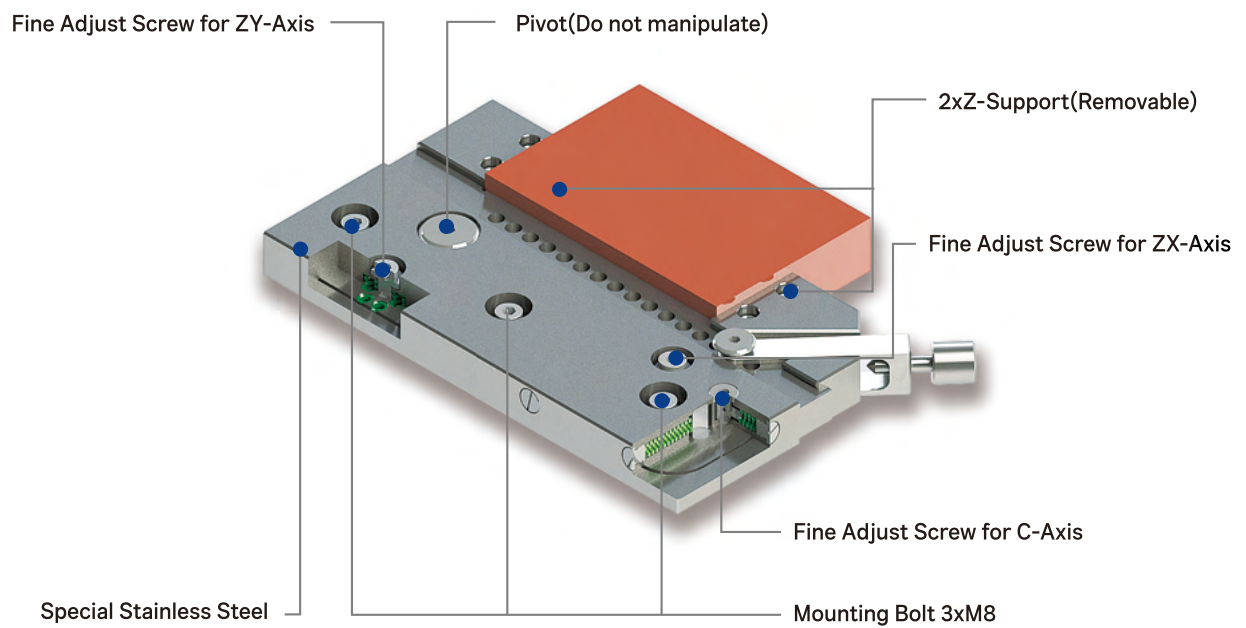
· ZP-026902

ZP-050150 | Integrated Toggle Vise

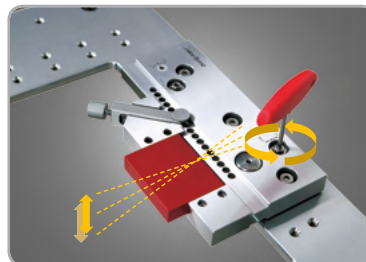
Adjust both horizontality and swivel-direction of a workpiece simple, fast, precise and stable.

- | | |
|-------------------------|--|
| • Features | Adjustable in three axes by fine adjust screws |
| • Mount | To be fitted to machine table |
| • Parallelism | within 0.002mm |
| • Squareness | within 0.002mm |
| • Clamping range | 155x80x100mm / 10kg |
| • Weight | 6kg |

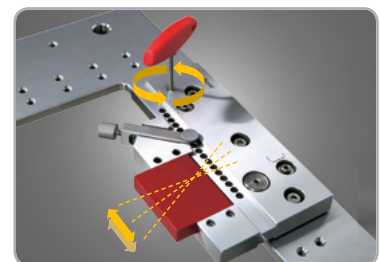




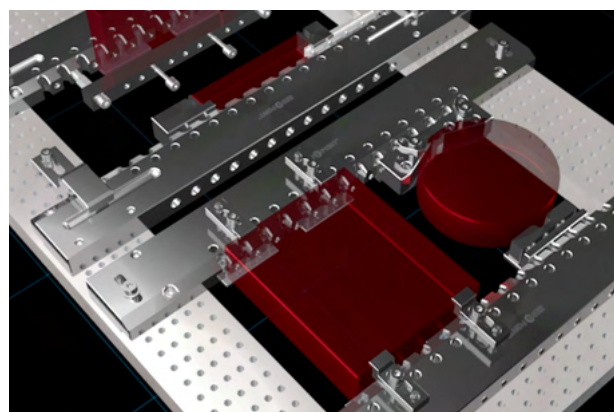
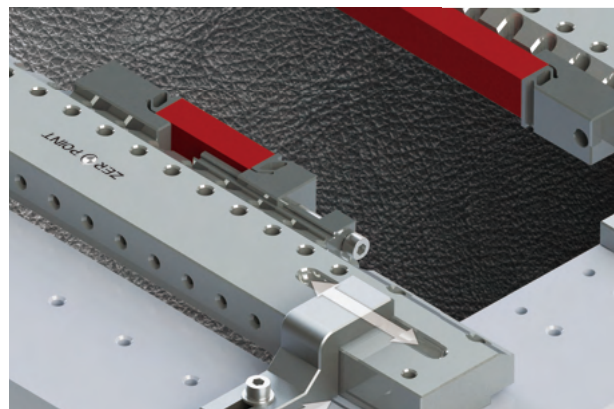
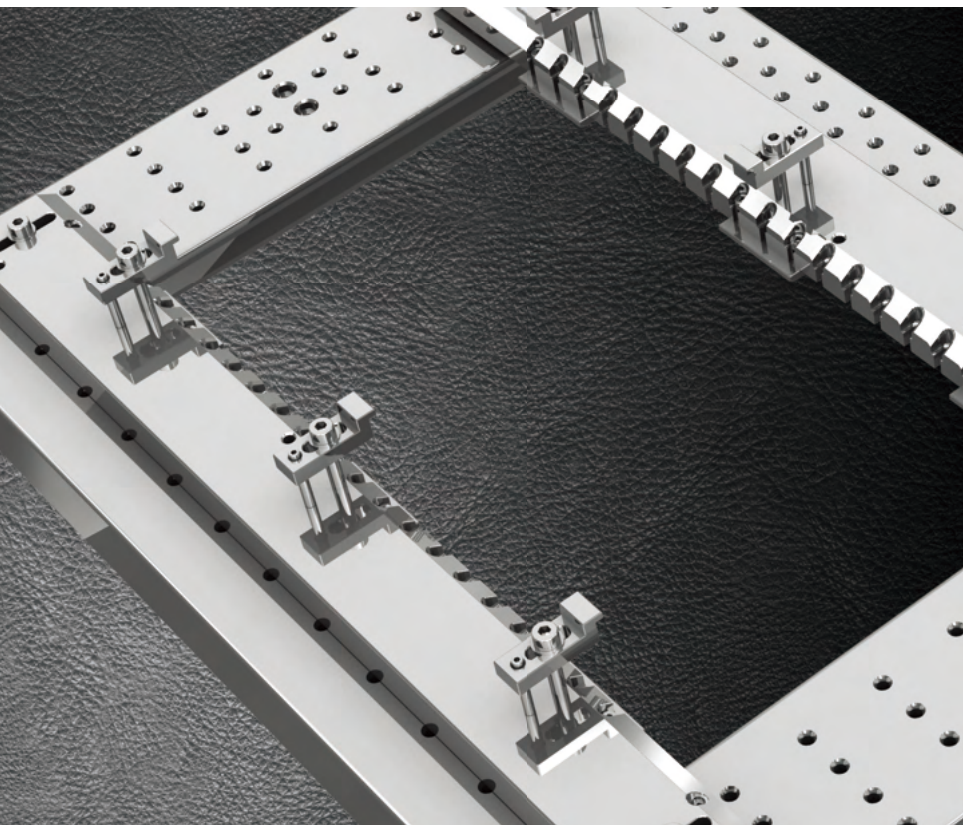
ZX-Axis | Fine Adjustment



ZY-Axis | Fine Adjustment

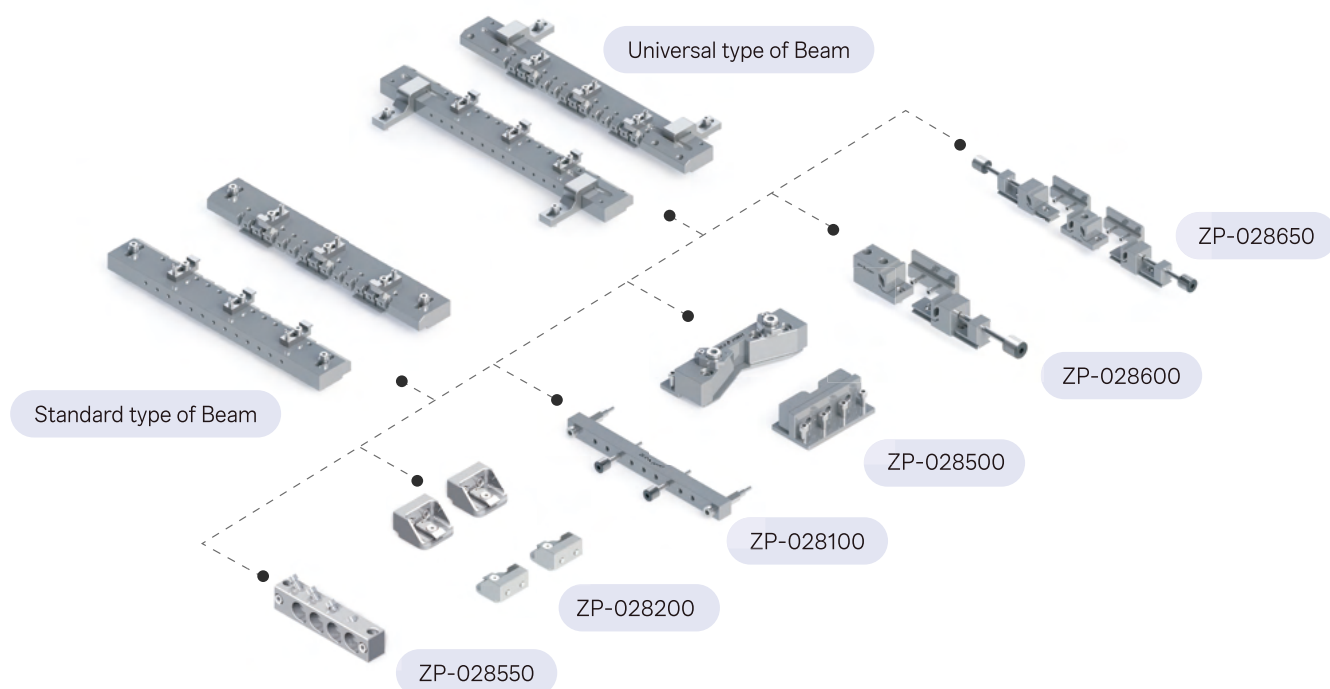


C-Axis | Fine Adjustment



Clamping Beam Series

for medium-large workpieces over 10kg



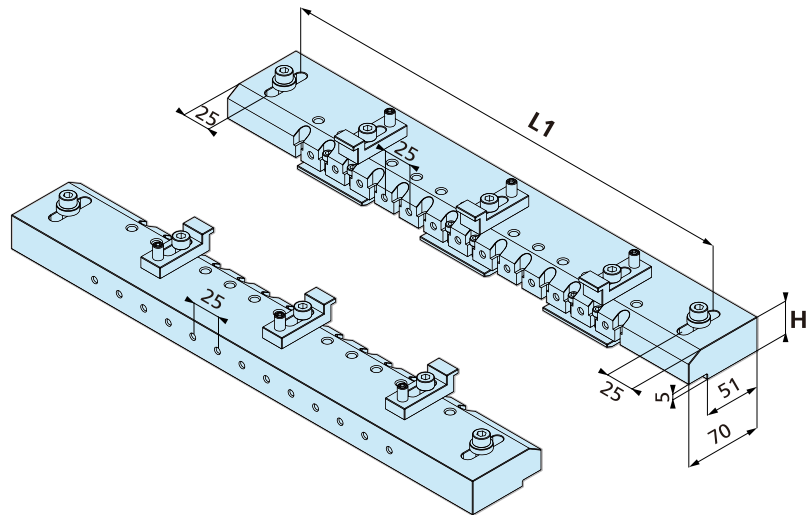
Model No.

L1(mm)

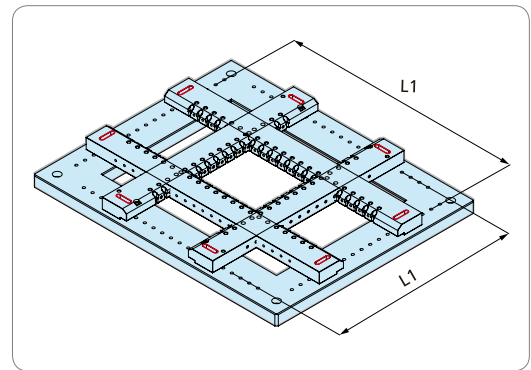
ZP-021XXX

• Standard Beam

- DS (Double beam set)
- SS (Single beam set)



Model No.	L1(mm)	L(mm)	H(mm)
ZP-021xxx	300~700	L=L1+50mm	30
ZP-021xxx	700~900		35
ZP-021xxx	900~1200		40
On Request	On Request	On Request	On Request



■ For Example

Model No.	L1 (mm)	L (mm)	H (mm)	Application(WEDM Machine)						
				GFMS	FANUC	MIKINO	MITSUBISHI	SEIBU	SODICK	OTHERS
ZP-021370	370	420	30			U3-Y U32J-Y				
ZP-021426	426	480	30		0iDP-X			M350-X M35A-X		
ZP-021480	480	530	30	CUT 3000-X	1iE-Y C-600iA-Y		NA1200-X NA2400-Y			
ZP-021500	500	550	30			DUO64-Y			AG400-X	
ZP-021700	700	750	35						AG600-X SL600-X	
ZP-021910	910	960	40			U86-X				

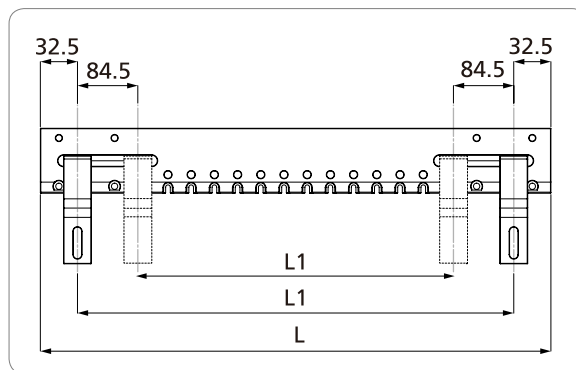
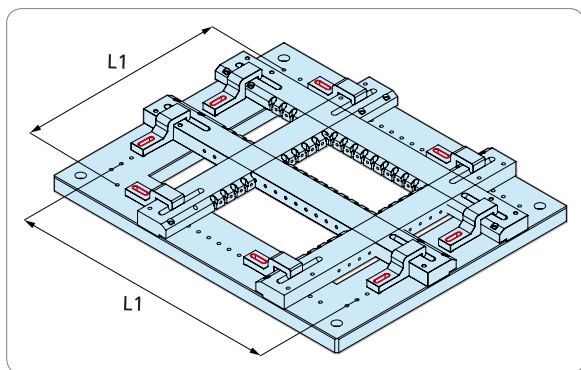
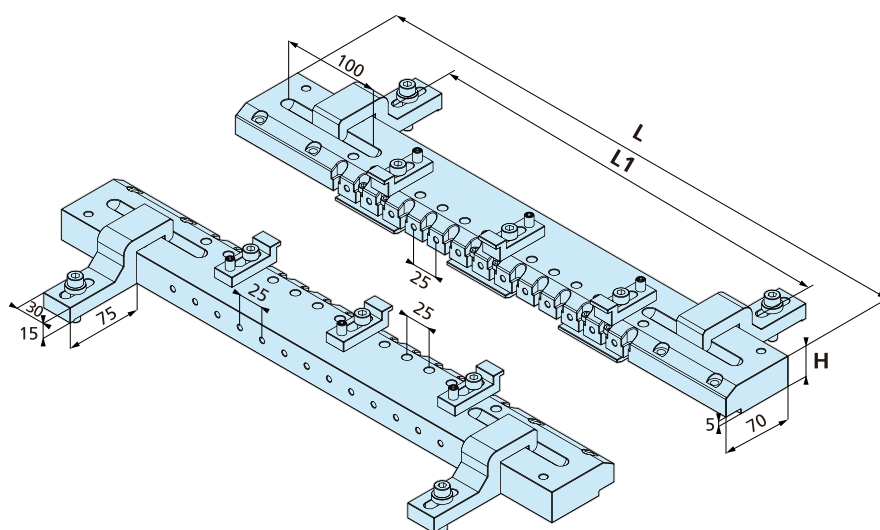
Notice : For your order, please check the L1 size of your machines

Model No.

L(mm)
ZP-020XXX

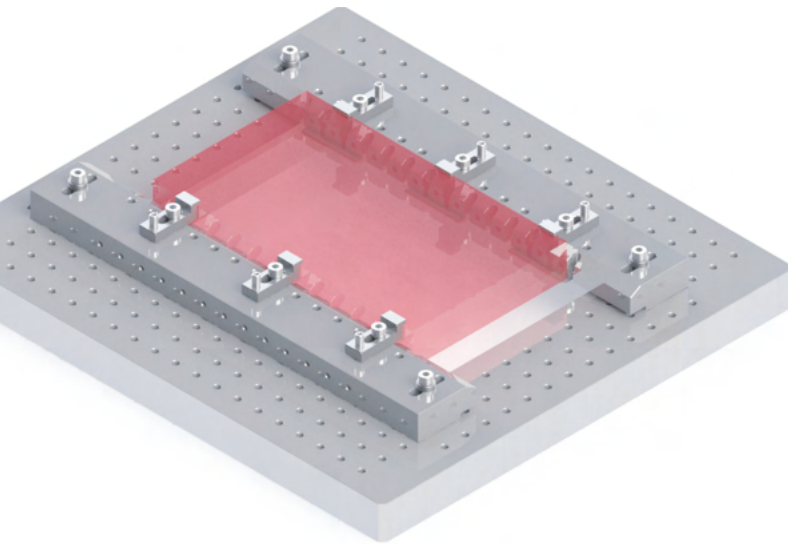
• Universal Beam

- DS (Double beam set)
- SS (Single beam set)

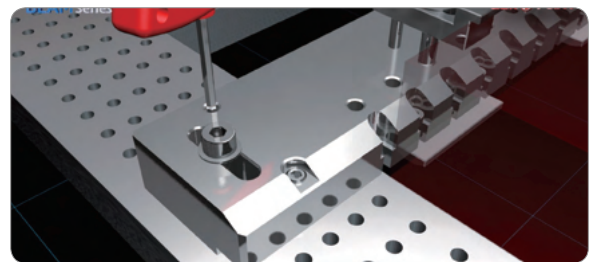
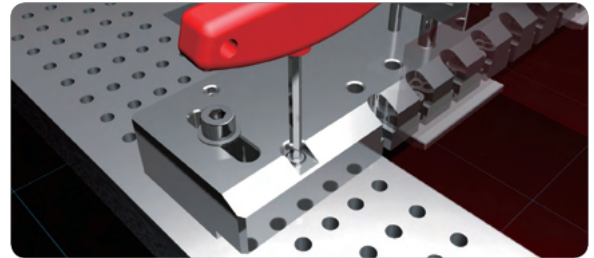


Model No.	L(mm)	L1(mm)	H(mm)
ZP-020550	550	316~485	30
ZP-020715	715	481~650	30
ZP-020830	830	661~765	35
ZP-020900	900	646~835	40
ZP-020XXX	On Request	On Request	On Request

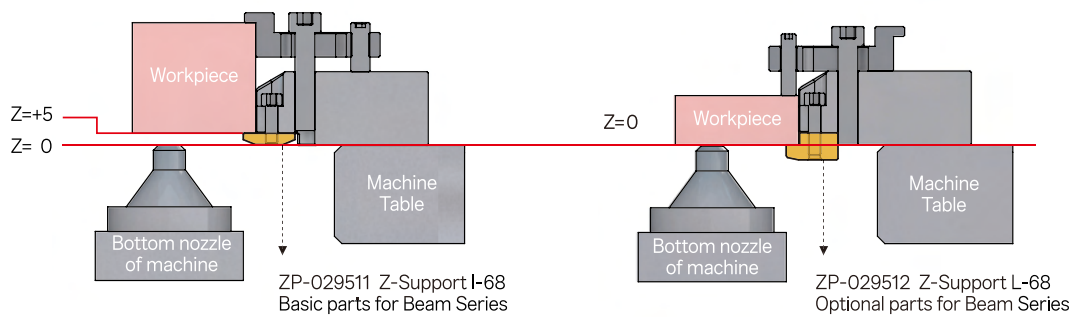
Standard Beam



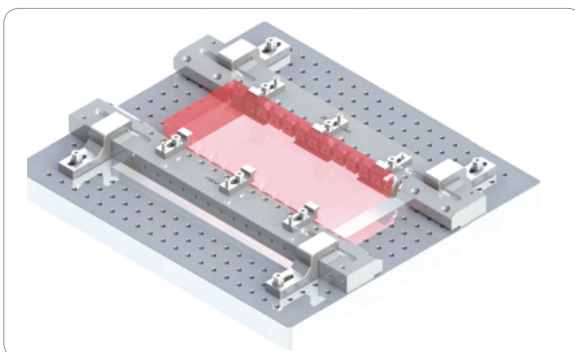
Application | Z Plane Adjustment



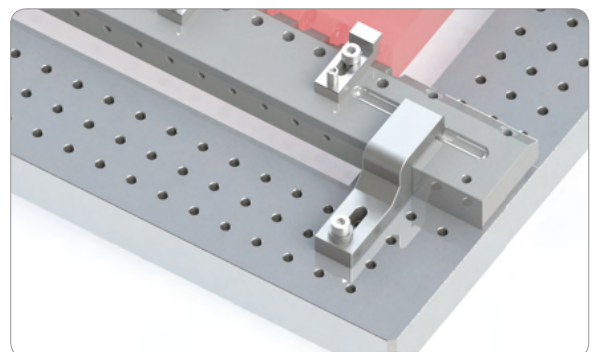
Application | Bottom level of work piece and Z-Support



Universal Beam



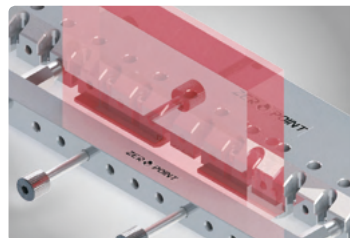
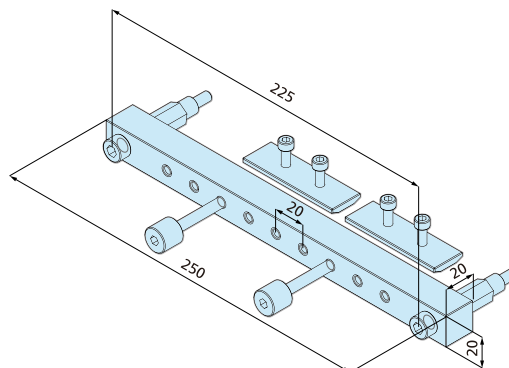
Application | Movable clamp



Model No.

ZP-028100 | Side Clamp for Beam

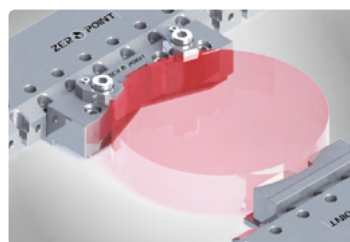
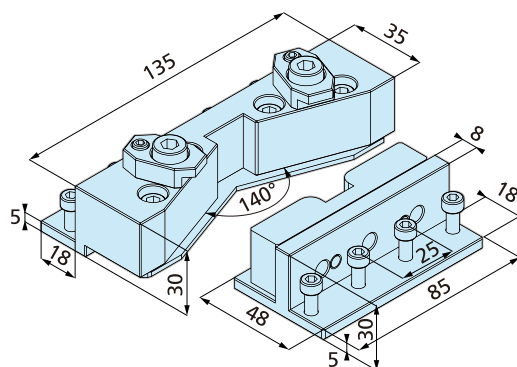
- **Features** Support for the lateral mounting of workpieces.
- **Application** Lateral clamping of workpieces with detachable Z-supports
- **Assembly** To be fitted to standard or universal type of Beams.



Model No.

ZP-028500 | Prism head for Beam

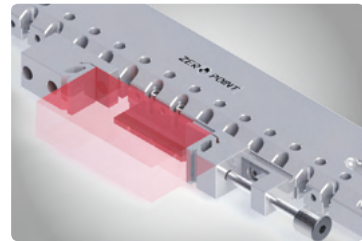
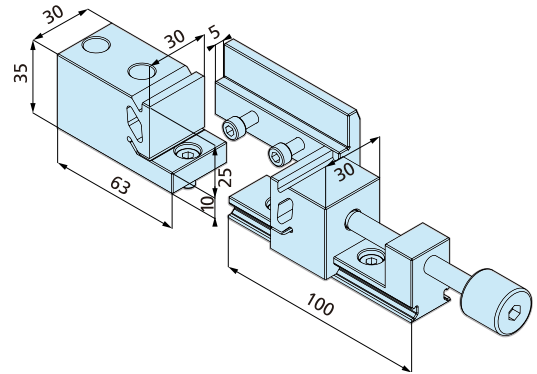
- **Application** For clamping round workpiece
- **Assembly** To be fitted to standard or universal type of Beams.
- **Range** Ø50 ~ Ø200mm
- **Weight** 1.3kg



Model No.

ZP-028600 | Beam Vise single

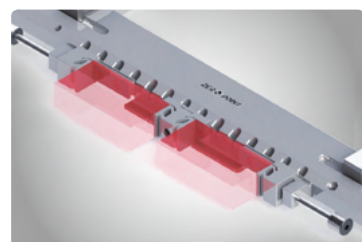
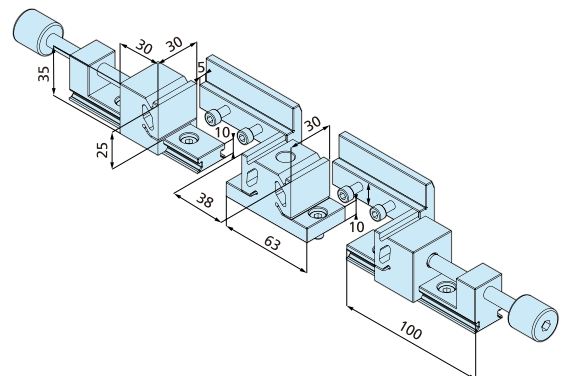
- **Features** One movable and one fixed stop jaw, Hardened, ground and corrosion-resistant Variable vise laterally on Zero Point clamping beams.
- **Application** Detachable Z-support tabs ensure simple setting-up.
- **Assembly** To be fitted to standard or universal type of beams.
- **Max. Load** 10kg
- **Weight** 0.7Kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws on the Beams
Maximum tightening torque : 8Nm



Model No.

ZP-028650 | Beam Vise Double

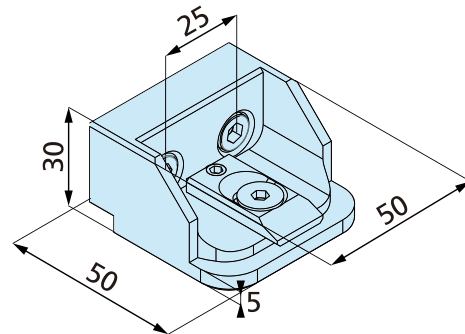
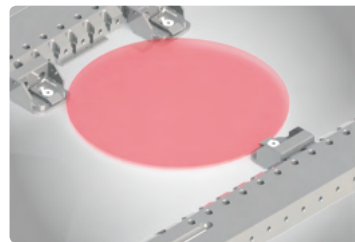
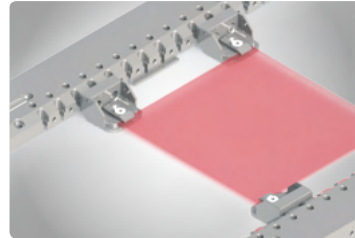
- **Features** Two movable stop jaws and one fixed stop jaw, Hardened, ground and corrosion-resistant.
- **Application** Variable vise laterally on Zero Point clamping beams.
- **Assembly** To be fitted to standard or universal type of beams.
- **Max. Load** 10kg
- **Weight** 1Kg
- **Note** Adjustable in the ZX and ZY plane using six pieces of screws on the Beams.
Maximum tightening torque : 8Nm



Model No.

ZP-028200 | Set of Mini clamp 50

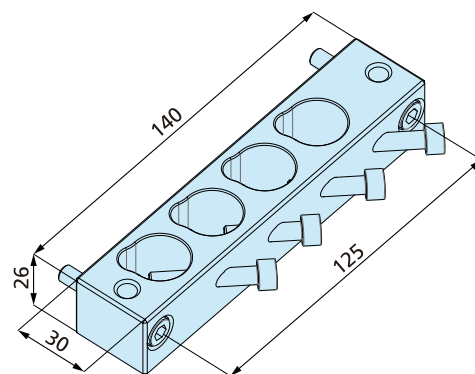
- **Features** Mini clamp can be mounted to the beams to hold especially rectangular and round workpieces. Work pieces are adjusted with leveling adjust screw of beams.
- **Application** As side support for workpieces, or for clamping small, flat single parts.
- **Assembly** To be fitted to standard or universal type of beams.
- **Weight** 1.2kg
- **Note** 4pcs / set



Model No.

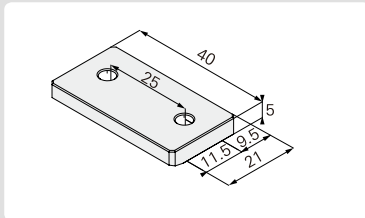
ZP-028550 | Prism holder 4-20

- **Features** For clamping cylindrical or rectangular workpieces Ø5~20mm
- **Application** The holder can be mounted in horizontal or vertical position on all of zeropoint beams.
- **Assembly** To be fitted to standard or universal type of beams.
- **Weight** 0.6kg



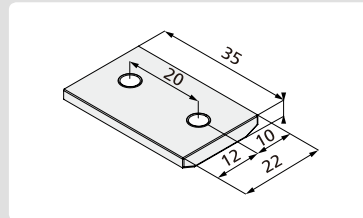
ZERO POINT Auxiliary parts

• ZP-029503 | Z-Support 40



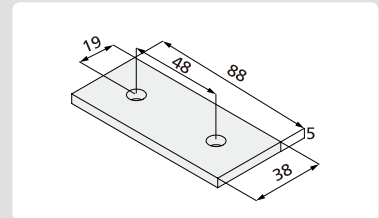
Assembly
ZP-024201, ZP-024301

• ZP-035157 | Z-Support 35



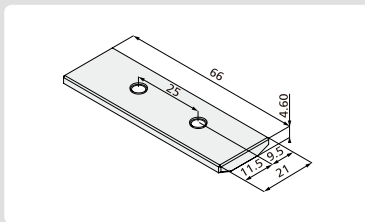
Assembly
ZP-035151

• ZP-029303 | Spacer C



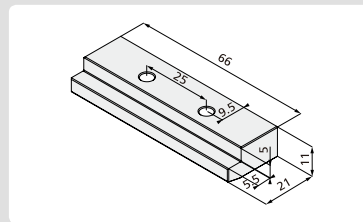
Assembly
ZP-024151, ZP-035151, ZP-024121,
ZP-024201

• ZP-029511 | Z-Support I-68



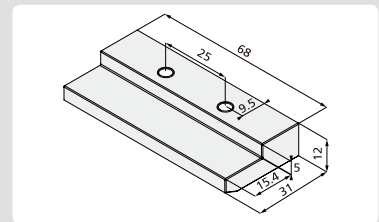
Assembly Standard Beam
Universal Beam

• ZP-029512 | Z-Support L-68



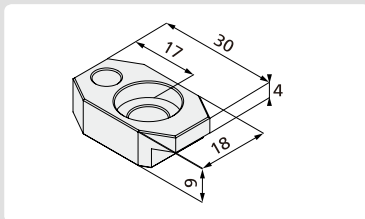
Assembly Standard Beam
Universal Beam

• ZP-028604 | Z-Guide



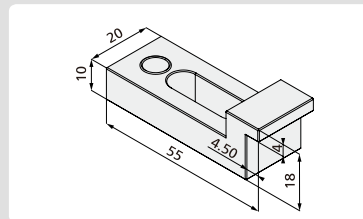
Assembly
ZP-028600
ZP-028650

• ZP-029103 | Clamp A



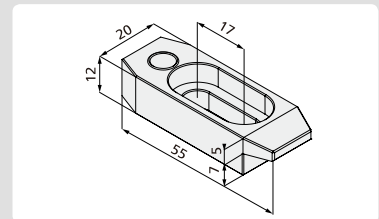
Assembly
ZP-022051, ZP-022052, ZP-022061,
ZP-023051, ZP-023071, ZP-023081,
ZP-023091, ZP-024121, ZP-024201,
ZP-033051

• ZP-029502 | Clamp B



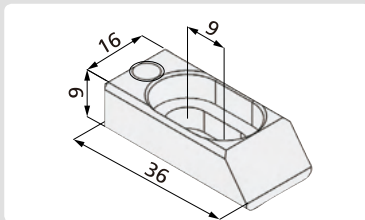
Assembly Standard Beam
Universal Beam

• ZP-029501 | Clamp C



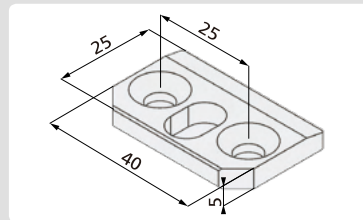
Assembly Standard Beam
Universal Beam

• ZP-024163 | Clamp D



Assembly ZP-024161
ZP-024301

• ZP-029505 | Z-Support-40



Assembly ZP-024180, ZP-026061,
ZP-036121, ZP-024501

Set of clamping elements for Beam

This clamping elements set is included with order of Beam set,
Please refer to order no. below when ordering separately.



Order no.	Description	ZP-021101 Standard Single Beam set	ZP-021102 Standard Double Beam set	ZP-020101 Universal Single Beam set	ZP-020102 Universal Double Beam set
ZP-020201 30/35/40	Clamp for universal beam set	-	-	2	4
ZP-029501	Clamp B	5	6	5	6
ZP-029511	Z support I-68	3	6	3	6
ZP-029512	Z support L-68	3	-	3	-
ZP-029519	Plane washer	2	4	2	4
ZP-029508	Extension bolt 30	5	6	5	6
ZP-029509	Extension bolt 45	5	6	5	6
ZP-029610	Jack screw L : 25~40	2	-	2	-
ZP-029620	Jack screw L : 37~63	2	-	2	-
ZP-029630	Jack screw L : 61~110	2	-	2	-
SH-M5x15	Socket head bolt M5x15	9	18	9	18
SH-M5x20	Socket head bolt M5x20	9	-	9	-
SH-M8x25	Socket head bolt M8x25	6	6	6	6
SH-M8x35	Socket head bolt M8x35	6	6	8	10
SH-M8x45	Socket head bolt M8x45	8	10	6	6
SH-M8x50	Socket head bolt M8x50	2	4	-	-
SH-M8x55	Socket head bolt M8x55	6	10	6	6
SH-M8x65	Socket head bolt M8x65	6	6	6	6
SS-M8x20	Socket set screw M8x20	6	6	6	6
SS-M8x30	Socket set screw M8x30	6	6	6	6
SS-M8x40	Socket set screw M8x40	6	6	6	6
SS-M8x50	Socket set screw M8x50	6	6	6	6
SS-M8x60	Socket set screw M8x60	6	6	6	6
L-wrench 6.0	L-wrench 6.0	1	1	1	1
L-wrench 6.0	L-wrench 6.0	1	1	1	1
L-wrench 6.0	L-wrench 6.0	1	1	1	1

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ZP-020201-35	Clamp for Universal beam -35t	42
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ZP-022020	Fix Base A	7
ZP-022045	Clamping Head A-45	7
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