



SINCO Product Catalog

Flexible zero-point clamping systems
& workholding

Explore the key products that make SINCO clamping solutions stand out

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MultiZero Base Plates

“LEGO-like” zero-point foundation for modular clamping



MultiZero Base Plates

“LEGO-like” zero-point foundation for modular clamping

The MultiZero Base Plate is fixed onto the machine table and serves as the foundation of the MultiZero Clamping System, enabling flexible zero-point clamping by precisely aligning fixtures and pallets with an array of conical slots. Workpieces clamped on MultiZero fixtures or pallets are automatically self-centered and accurately positioned when placed onto the base plate.

With a zero-point reference at every conical cross-section (spaced at 50mm), base plates allow for easy adapting to workpiece workholding needs and workholding expansion, meeting even the most demanding clamping requirements.

Made from high-quality stainless tool steel, these base plates offer long-term durability and can be used in various machining applications, including 3- and 5-axis milling, clamping towers for 4-axis milling, sinker EDM machines, and measuring systems.

Applications

- Milling machines (5 and 3-axis),
- Sink EDM machines,
- Measuring machines

Features

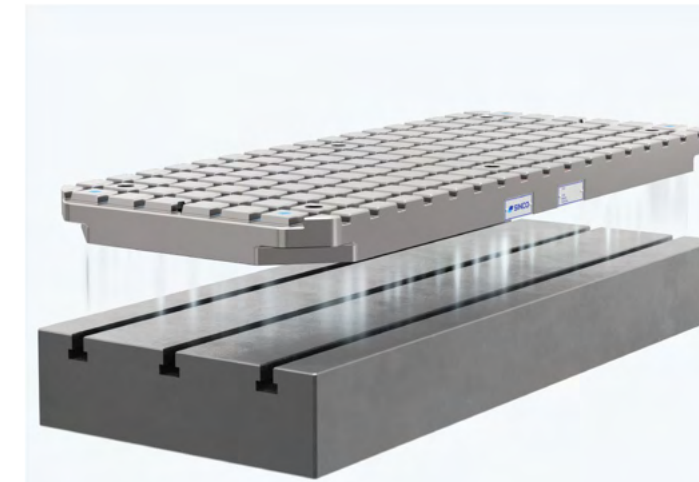
- Zero-point point at every cross section of conical slots
- Security gap - centering elements don't touch the slot bottom
- Plastic protectors for thread holes (supplied)
- Precise pallet sides used for centering
- Handling grooves on the underside
- M12 thread holes for lifting with eyebolts

Your Benefits

- ✓ Zero-point on each 50mm
- ✓ Can cover all machine table
- ✓ 5µm repeatable positioning

Benefits and Advantages

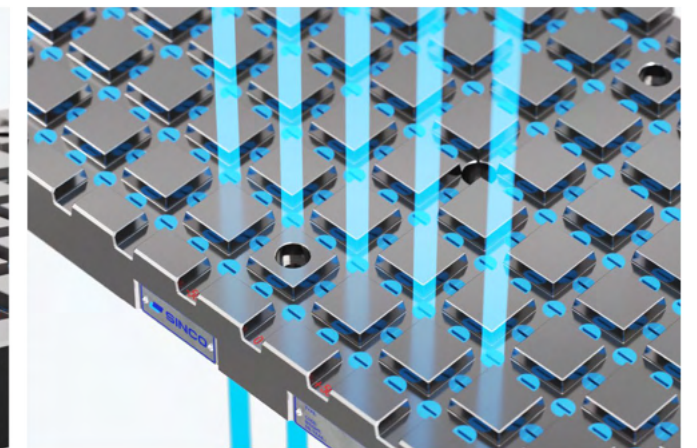
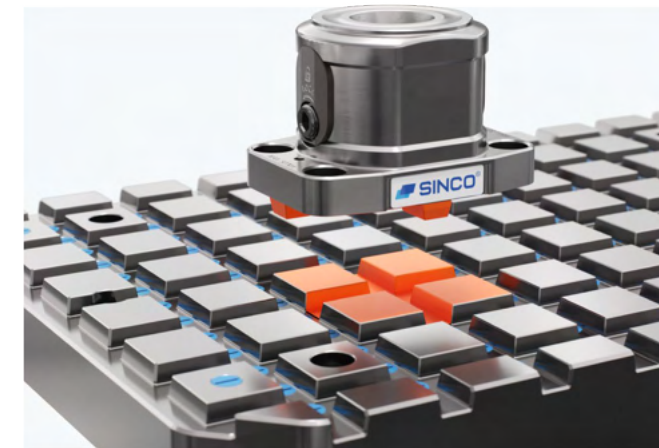
Utilize zero-point clamping across the whole machine table, and seamlessly adjust and expand workholding set-up through precise conical system



Maximum table coverage

Simple installation transforms whole table into a zero-point system

MultiZero Base Plates are manufactured according to DIN 55201 and come in various standard sizes that can be mounted to the machine table either through T-slots or by adjusting clamps on the left and right flanges. If a customer wants to cover the entire machine table (1:1), custom-sized base plates can be produced to match the exact table dimensions.



Zero-gap conical positioning

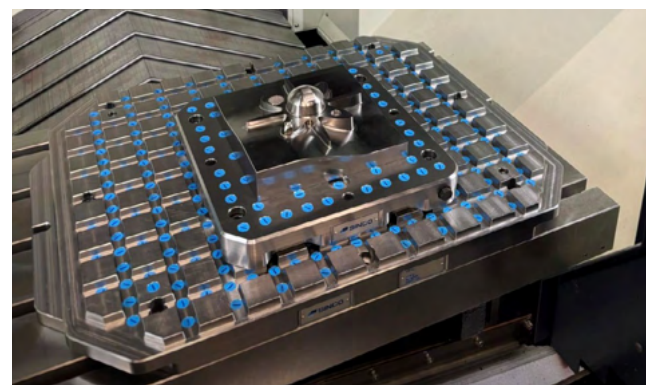
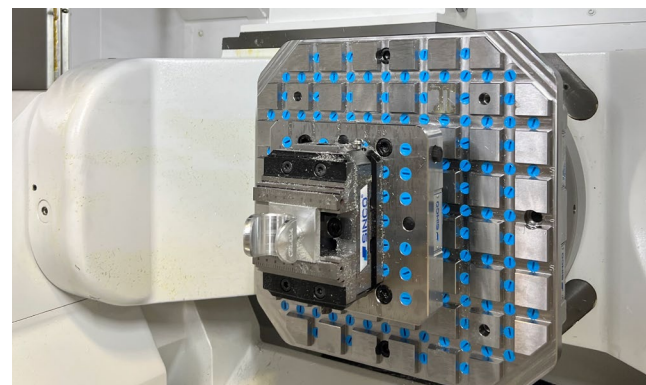
Ensures thermal stability, high repeatable positioning & reduction of vibration

Zero-point on 50 or 100mm pitch

Offers maximum flexibility for workholding set-up expansion and adaptability

All MultiZero fixtures and pallets are positioned on the base plate by aligning the slot rails beneath the element with the conical slot array on the base plate in the X and Y axes. Conical positioning allows for zero-gap locking of positional elements and the base plate, enabling excellent thermal stability, reducing vibration, and ensuring high positioning repeatability.

The MultiZero Base Plate has a zero-point reference at every cross-section of the conical slots, positioned at 50mm in the MultiZero Base Plate P50 line and 100mm in the P100 base plate line. Minimal spacing between positioning locations (cross-sections) enables seamless expansion and adaptability of the workholding setup, allowing clamping of workpieces of any shape and size in a zero-point fashion.



MultiZero Base Plate 3000 P50

MultiZero Base Plate 3000 P50 enables 5µm repeatable positioning on 50mm grid, allowing flexible zero-point clamping across the whole 3-axis machine table.

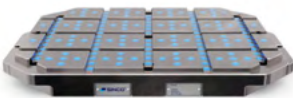
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 3300 320x400	1B1-3300-0	400.0 mm	320.0 mm	50.0 mm	31x	101x	38.9 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 3400 400x500	1B1-3400-0	500.0 mm	400.0 mm	50.0 mm	59x	188x	61.2 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 3500 500x630	1B1-3500-0	630.0 mm	500.0 mm	50.0 mm	95x	302x	97.0 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 3555 500x1000	1B1-3555-0	1000.0 mm	500.0 mm	50.0 mm	167x	521x	151.83 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 3630 630x800	1B1-3630-0	800.0 mm	630.0 mm	50.0 mm	161x	500x	155.9 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 3650 630x1000	1B1-3650-0	1000.0 mm	630.0 mm	50.0 mm	205x	636x	195.3 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 3660 630x1200	1B1-3660-0	1200.0 mm	630.0 mm	50.0 mm	249x	773x	234.7 kg
Drawing							

Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 3670 630x1400	1B1-3670-0	1400.0 mm	630.0 mm	50.0 mm	293x	909x	274.2 kg
Drawing							

MultiZero Base Plate 5000 P50








MultiZero Base Plate 5000 P50 enables 5µm repeatable positioning on 50mm grid, allowing flexible zero-point clamping across the whole 5-axis machine table.

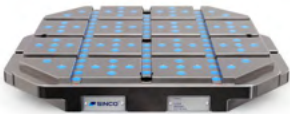
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 5300 240x240	1B1-5300-0	240.0 mm	240.0 mm	50.0 mm	21x	56x	17.8 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 5400 320x320	1B1-5400-0	320.0 mm	320.0 mm	50.0 mm	25x	80x	31.0 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 5500 400x400	1B1-5500-0	400.0 mm	400.0 mm	50.0 mm	45x	148x	48.8 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 5630 500x500	1B1-5630-0	500.0 mm	500.0 mm	50.0 mm	77x	140x	76.7 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P50 5800 630x630	1B1-5800-0	630.0 mm	630.0 mm	50.0 mm	117x	368x	122.7 kg
Drawing							



MultiZero Base Plate 3000 P100

MultiZero Base Plate 3000 P100 enables 5µm repeatable positioning on 100mm grid, allowing flexible zero-point clamping across the whole 3-axis machine table.






Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 3310 320x400	1B1-3310-0	400.0 mm	320.0 mm	50.0 mm	9x	48x (Slot Bottom) / 74x (Plate Top)	39.9 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 3410 400x500	1B1-3410-0	500.0 mm	400.0 mm	50.0 mm	15x	104x (Slot Bottom) / 84x (Plate Top)	63.4 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 3510 500x630	1B1-3510-0	630.0 mm	500.0 mm	50.0 mm	25x	172x (Slot Bottom) / 128x (Plate Top)	100.4 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 3551 500x1000	1B1-3551-0	1000.0 mm	500.0 mm	50.0 mm	45x	272x (Slot Bottom) / 224x (Plate Top)	157.0 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 3631 630x800	1B1-3631-0	800.0 mm	630.0 mm	50.0 mm	35x	272x (Slot Bottom) / 224x (Plate Top)	161.7 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 3651 630x1000	1B1-3651-0	1000.0 mm	630.0 mm	50.0 mm	45x	640x (Slot Bottom) / 292x (Plate Top)	202.4 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 3661 630x1200	1B1-3661-0	1200.0 mm	630.0 mm	50.0 mm	55x	799x (Slot Bottom) / 352x (Plate Top)	243.3 kg
Drawing							



Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 3671 630x1400	1B1-3671-0	1400.0 mm	630.0 mm	50.0 mm	65x	933x (Slot Bottom) / 412x (Plate Top)	284.1 kg
Drawing							








MultiZero Base Plate 5000 P100

MultiZero Base Plate 5000 P100 enables 5µm repeatable positioning on 100mm grid, allowing flexible zero-point clamping across the whole 5-axis machine table.



Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 5310 240x240	1B1-5310-0	240.0 mm	240.0 mm	50.0 mm	5x	46x (Slot Bottom) / 20x (Plate Top)	18.6 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 5410 320x320	1B1-5410-0	320.0 mm	320.0 mm	50.0 mm	9x	52x (Slot Bottom) / 44x (Plate Top)	31.2 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 5510 400x400	1B1-5510-0	400.0 mm	400.0 mm	50.0 mm	9x	76x (Slot Bottom) / 68x (Plate Top)	50.9 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 5631 500x500	1B1-5631-0	500.0 mm	500.0 mm	50.0 mm	21x	144x (Slot Bottom) / 96x (Plate Top)	79.2 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes (M12)	Weight (kg)
MultiZero Plate P100 5810 630x630	1B1-5810-0	630.0 mm	630.0 mm	50.0 mm	25x	196x (Slot Bottom) / 168x (Plate Top)	127.3 kg
Drawing							

MultiZero Pneumatic Base Plate 3000

MultiZero Base Plate 3000 P100 enables 5µm repeatable positioning on 100mm grid, allowing flexible zero-point clamping across the whole 3-axis machine table.






Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 3320 320×400	1B1-3320-0	400.0 mm	320.0 mm	50.0 mm	2x	13x	42.2 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 3321 320×400	1B1-3321-0	400.0 mm	320.0 mm	50.0 mm	1x	22x	40.1 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 3420 400×500	1B1-3420-0	500.0 mm	400.0 mm	50.0 mm	4x	23x	67.9 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 3421 400×500	1B1-3421-0	500.0 mm	400.0 mm	50.0 mm	2x	41x	64.5 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 3520 500×630	1B1-3520-0	630.0 mm	500.0 mm	50.0 mm	6x	93x	106.9 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	Thread holes (M12)	Weight (kg)
MultiZero Pneumatic Plate 3521 500×630	1B1-3521-0	630.0 mm	500.0 mm	50.0 mm	2x	77x	101.1 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 3632 630×800	1B1-3632-0	800.0 mm	630.0 mm	50.0 mm	9x	80x	170.5 kg
Drawing							





Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 3652 630×1000	1B1-3652-0	1000.0 mm	630.0 mm	50.0 mm	12x	83x	214.6 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 3653 630×1000	1B1-3653-0	1000.0 mm	630.0 mm	50.0 mm	8x	133x	208.0 kg
Drawing							

MultiZero Pneumatic Base Plate 5000

MultiZero Base Plate 5000 P100 enables 5µm repeatable positioning on 100mm grid, allowing flexible zero-point clamping across the whole 5-axis machine table.

Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 5320 240x240	1B1-5320-0	240.0 mm	240.0 mm	50.0 mm	1x	12x	18.4 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 5420 320x320	1B1-5420-0	320.0 mm	320.0 mm	50.0 mm	1x	16x	31.5 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 5520 400x400	1B1-5520-0	400.0 mm	400.0 mm	50.0 mm	4x	13x	50.9 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 5521 400x400	1B1-5521-0	400.0 mm	400.0 mm	50.0 mm	2x	27x	49.8 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 5632 500x500	1B1-5632-0	500.0 mm	500.0 mm	50.0 mm	4x	41x	81.0 kg
Drawing							

Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 5633 500x500	1B1-5633-0	500.0 mm	500.0 mm	50.0 mm	2x	59x	79.9 kg
Drawing							
							
Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Plate 5820 630x630	1B1-5820-0	630.0 mm	630.0 mm	50.0 mm	6x	63x	125.4 kg
Drawing							
							



MultiZero Workholding

Adaptable and expandable workholding equipment for any shape & size workpieces



MultiZero Modular Vises

Adaptable and expandable vise system for any shape & size workpieces

The MultiZero Modular Vise System is a highly adaptable workholding solution designed to expand across the MultiZero Base Plate and accommodate any workpiece size or shape. With standardized support and clamping heights, the vises make clamping seamless even for less skilled operators and enable the planning of the clamping process in advance during CAD/CAM operations using 3D models of each component. MultiZero Modular Vises are precisely positioned and self-centered when placed on the base plate, ensuring repeatable clamping, fast setup, and efficient multi-workpiece arrangements.

At the core of the system are modular vise wedges, rails, stoppers, and sliders, which allow for fully customizable workholding configurations. Workpieces can be securely positioned and clamped with adjustable increments, ensuring precise alignment and stability. The system accommodates various jaw options to suit different machining processes, from rough milling to finishing operations, and supports clamping of rectangular and round parts.

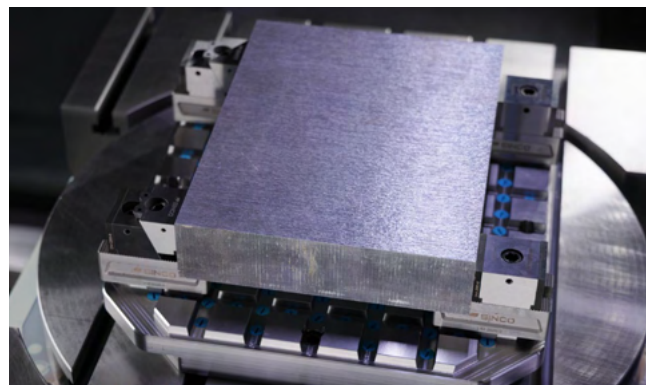
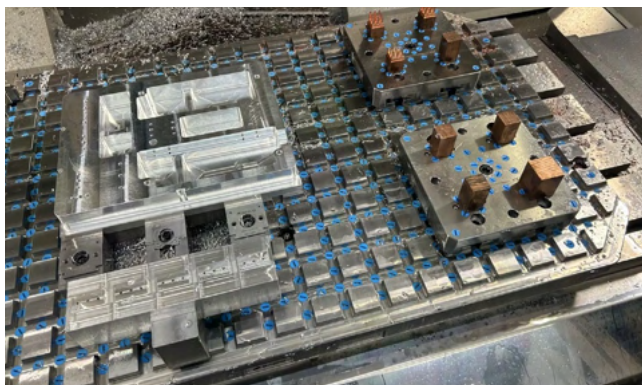
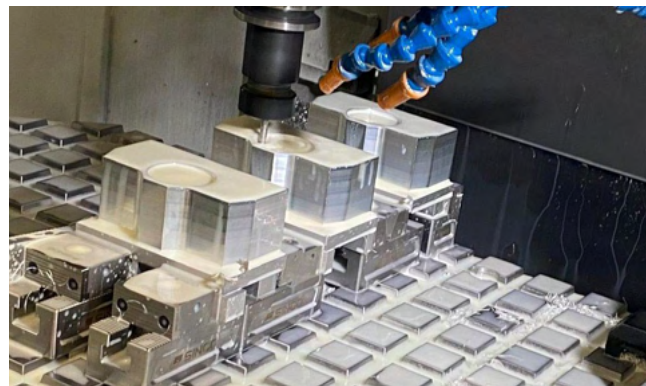
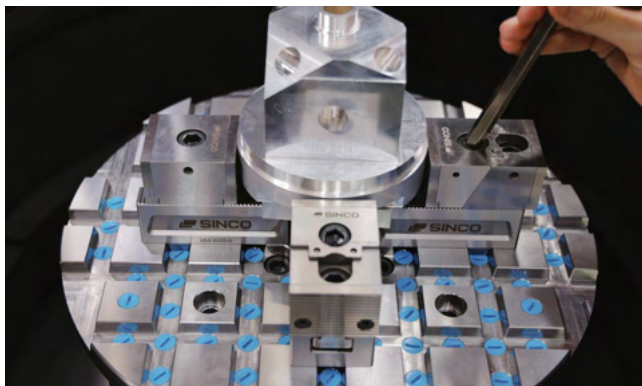
Applications

- Milling machines (5 and 3-axis),
- Sink EDM machines,
- Measuring machines

Features

- Two jaw height options - 23mm and 35mm,
- Vise Wedge positioning adjustment, pitch 2.5 mm,
- Replaceable jaws with positive down force,
- Special design protects jaws from dirt
- Workpiece support (Rail) height 35mm

Applications

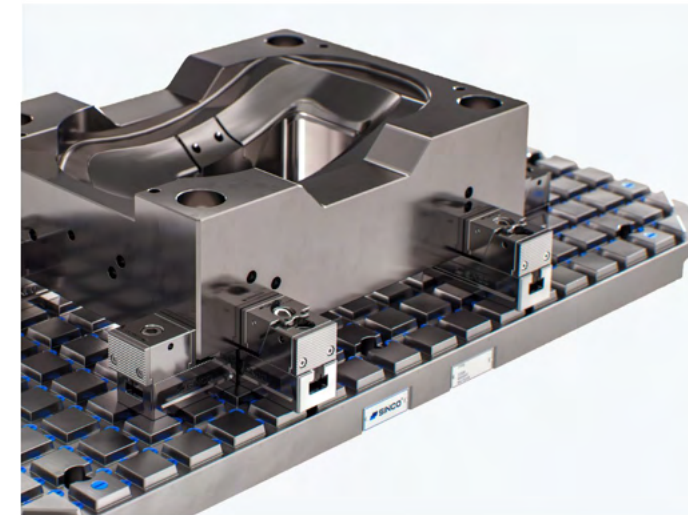


Your Benefits

- ✓ **Clamp any size & shape**
- ✓ **Rigid & Adjustable Clamping**
- ✓ **Versatile Jaw Options**

Benefits and Advantages

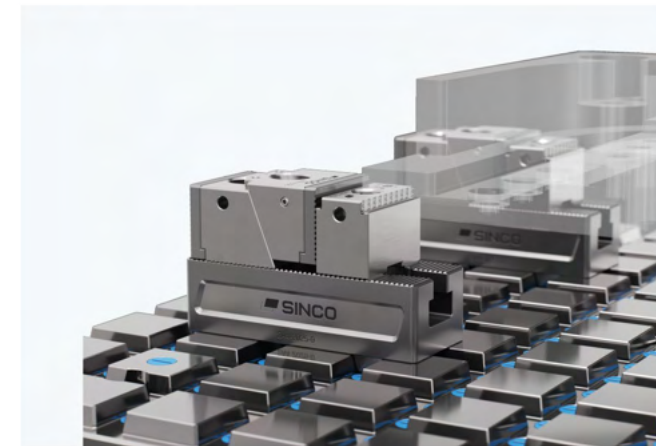
Replace limitations of standard vise and adapt, expand and clamp with MultiZero Modular Vises



Clamp any size & shape

Modular and scalable design for single or multi-workpiece clamping

MultiZero Modular Vises are designed to easily expand across the base plate area and adapt to any workpiece size. Additionally, with the range of different clamping jaws and support elements, these modular vises can easily adapt to different workpiece shapes, from parallel to round, and from perfectly formed to irregular geometries.



Rigid & Adjustable Clamping

Customizable workholding configurations

MultiZero Modular Vises deliver exceptionally high clamping forces, providing 15 kN on a 23 mm wedge vise height and 30 kN on a 35 mm vise height per unit. When additional clamping force is required, multiple vises can be combined to securely accommodate the workpiece. With a fine clamping adjustment pitch of 2.5 mm, along with additional jaw and slider elements, workpieces can be precisely tuned to meet exact machining requirements.

Versatile Jaw Options



Adaptability for different machining applications

Choose from seven (7) different jaw options, that are covering a full range of general workholding needs. Beside fine jaws for precision applications to rough jaws for heavy-duty clamping, the MultiZero Modular Vises product line also includes specialized jaws for securing round workpieces. Additionally, the system offers jaws designed for clamping workpieces at 3 mm for rough milling or 5 mm for fine milling, ensuring optimal machining performance.

MultiZero Vise Wedge

MultiZero Vise Single Wedge

MultiZero Vise Single Wedge provides precise 2.5 mm adjustment and durable, dirt-resistant jaws for secure, reliable clamping.

Product	Product no.	Jaw height (h)	Clamping force (kN)	Width (w)	Weight (kg)
MultiZero Vise Single Wedge W50 H23	2B4-1110-0	23.0 mm	15 kN	50.0 mm	0.72 kg
Drawing					
Product	Product no.	Jaw height (h)	Clamping force (kN)	Width (w)	Weight (kg)
MultiZero Vise Single Wedge W50 H35	2B4-1150-0	35.0 mm	30 kN	50.0 mm	1.05 kg
Drawing					

MultiZero Vise Double Wedge



The MultiZero Double Vise Wedge offers dual-sided, precise 2.5 mm adjustable clamping for two workpieces at once.

Product	Product no.	Jaw height (h)	Clamping force (kN)	Width (w)	Weight (kg)
MultiZero Vise Double Wedge W50 H23	2B4-1210-0	23.0 mm	15 kN per side	50.0 mm	0.56 kg
Drawing					
Product	Product no.	Jaw height (h)	Clamping force (kN)	Width (w)	Weight (kg)
MultiZero Vise Double Wedge W50 H35	2B4-1230-0	35.0 mm	30 kN per side	50.0 mm	1.03 kg
Drawing					

MultiZero Stoppers

MultiZero Vise Stopper







MultiZero Vise Single Wedge provides precise 2.5 mm adjustment and durable, dirt-resistant jaws for secure, reliable clamping.

Product	Product no.	Jaw height (h)	Width (w)	Weight (kg)
MultiZero Vise Stopper W50 H23	2B4-1310-0	23.0 mm	50.0 mm	0.14 kg
Drawing				
Product	Product no.	Jaw height (h)	Width (w)	Weight (kg)
MultiZero Vise Stopper W50 H35	2B4-1320-0	35.0 mm	50.0 mm	0.54 kg
Drawing				



MultiZero Single Stopper

The MultiZero Single Stopper provides a stable point for workpieces to be pushed against in the MultiZero Modular Vise system.

Product	Product no.	Jaw height (h)	Stopper height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Single Stopper W50 L50 H23	2B3-1360-0	23.0 mm	58.0 mm	50.0 mm	50.0 mm	0.85 kg
Drawing						
Product	Product no.	Jaw height (h)	Stopper height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Single Stopper W50 L50 H35	2B3-1361-0	35.0 mm	70.0 mm	50.0 mm	50.0 mm	0.98 kg
Drawing						
Product	Product no.	Jaw height (h)	Stopper height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Single Stopper W50 L75 H23	2B3-1365-0	23.0 mm	58.0 mm	75.0 mm	50.0 mm	0.98 kg
Drawing						
Product	Product no.	Jaw height (h)	Stopper height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Single Stopper W50 L75 H35	2B3-1366-0	35.0 mm	70.0 mm	75.0 mm	50.0 mm	0.98 kg
Drawing						
Product	Product no.	Jaw height (h)	Stopper height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Single Stopper W50 L100 H23	2B3-1340-0	23.0 mm	58.0 mm	100.0 mm	50.0 mm	0.98 kg
Drawing						
Product	Product no.	Jaw height (h)	Stopper height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Single Stopper W50 L100 H35	2B3-1341-0	35.0 mm	70.0 mm	100.0 mm	50.0 mm	1.73 kg
Drawing						

MultiZero Rail

MultiZero Rail

MultiZero Rail is a key part of the MultiZero Modular Vises system, compatible with the MultiZero Single and Double Vise Wedges.

Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Rail W50 L75E (E-centric)	2A4-2015-0	35.0 mm	75.0 mm	50.0 mm	0.72 kg

Drawing



Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Rail W50 L75C (Centric)	2A4-2016-0	35.0 mm	75.0 mm	50.0 mm	0.72 kg

Drawing



Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Rail W50 L100E (E-centric)	2A4-2020-0	35.0 mm	100.0 mm	50.0 mm	0.94 kg

Drawing



Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Rail W50 L100C (Centric)	2A4-2021-0	35.0 mm	100.0 mm	50.0 mm	0.94 kg

Drawing



Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Rail W50 L125E (E-centric)	2A4-2025-0	35.0 mm	125.0 mm	50.0 mm	1.17 kg

Drawing



Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Rail W50 L200 (Centric)	2A4-2035-0	35.0 mm	200.0 mm	50.0 mm	1.86 kg

Drawing



Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Rail W50 L300 (Centric)	2A4-2040-0	35.0 mm	300.0 mm	50.0 mm	2.00 kg

Drawing



MultiZero Vise Wedge Jaws

MultiZero Jaw Type A

The MultiZero Jaw Type A is a blank clamping jaw, ideal for finishing operations.

Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H23 Type A	2A4-2210-0	23.0 mm	50.0 mm	53 g

Drawing



Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H35 Type A	2A4-2260-0	35.0 mm	50.0 mm	80,5 g

Drawing



MultiZero Jaw Type B

The MultiZero Jaw Type B with array of slots on the surface, made for general / universal machining tasks.

Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H23 Type B	2A4-2215-0	23.0 mm	50.0 mm	52 g

Drawing



Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H35 Type B	2A4-2265-0	35.0 mm	50.0 mm	79 g

Drawing



MultiZero Jaw Type C

The MultiZero Jaw Type C features a 5mm clamping depth and a smooth grip, ideal for lifting the workpiece and performing precise finishing operations.

Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H23 Type C	2A4-2220-0	23.0 mm	50.0 mm	71 g

Drawing





Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H35 Type C	2A4-2270-0	35.0 mm	50.0 mm	113 g

Drawing





MultiZero Jaw Type D

The MultiZero Jaw Type D features a 3mm clamping depth with a rough grip, ideal for lifting of the raw workpiece.

Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H23 Type D	2A4-2225-0	23.0 mm	50.0 mm	68 g
Drawing				
Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H35 Type D	2A4-2275-0	35.0 mm	50.0 mm	110 g
Drawing				



MultiZero Jaw Type E

The MultiZero Jaw Type E enables clamping of the round parts that perfectly align with the jaw surface.

Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H23 Type E	2A4-2230-0	23.0 mm	50.0 mm	84 g
Drawing				
Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H35 Type E	2A4-2280-0	35.0 mm	50.0 mm	131 g
Drawing				



MultiZero Jaw Type F

The MultiZero Jaw Type F offers a rough grip across the whole surface of the jaw, perfect for rough clamping of harder materials.

Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H23 Type F	2A4-2235-0	23.0 mm	50.0 mm	51 g
Drawing				
Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H35 Type F	2A4-2285-0	35.0 mm	50.0 mm	78 g
Drawing				

MultiZero Jaw Type G

The MultiZero Jaw Type G offers a rough grip with sharp edges across the whole surface of the jaw, perfect for rough clamping of softer materials.

Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H23 Type G	2A4-2240-0	23.0 mm	50.0 mm	61 g
Drawing				
Product	Product no.	Height (h)	Width (w)	Weight (kg)
MultiZero Jaw W50 H35 Type G	2A4-2290-0	35.0 mm	50.0 mm	93 g
Drawing				

MultiZero Vise Sliders


MultiZero Vise Slider M8

The MultiZero Vise Slider M8 adds 3mm (rough) and 5mm (smooth) minimal surface clamping to the MultiZero Single Wedge Vise.

Product	Product no.	Smooth jaw height (h)	Rough jaw height (h)	Width (w)	Weight (g)
MultiZero Vise Slider M8 W50 H23		5.0 mm	3.0 mm	50.0 mm	
Drawing					
Product	Product no.	Smooth jaw height (h)	Rough jaw height (h)	Width (w)	Weight (g)
MultiZero Vise Slider M8 W50 H35	4B4-1380-0	5.0 mm	3.0 mm	50.0 mm	337 g
Drawing					

MultiZero Vise Slider M12

The MultiZero Vise Slider M12 offers 5mm minimal clamping and enhanced pull-down force, ideal for larger workpieces.

Product	Product no.	Smooth jaw height (h)	Rough jaw height (h)	Width (w)	Weight (g)
MultiZero Vise Slider M12 W50 H35	4B4-1360-0	5.0 mm	5.0 mm	50.0 mm	552 g
Drawing					

MultiZero Risers

Five sided machining with full tool accessibility & height adjustability

The MultiZero Riser W80 product family is engineered for precise and repeatable clamping in 5-axis machining applications or for general standardizing of workpiece clamping by strategically planning clamping holes on the underside of the workpiece in CAD/CAM operations under the SINCO standard.

MultiZero Risers are also an excellent workholding solution for large workpieces, significantly simplifying manipulation compared to standard clamping methods. By elevating the workpiece, they provide unrestricted access for five-sided machining while ensuring stable and secure positioning. The product family includes risers, extensions, adapters, and positioning elements, offering a modular and flexible setup to accommodate various workpiece sizes and geometries.

Your Benefits

- ✓ **Five-sided machining**
- ✓ **Height Adjustability**
- ✓ **Precision & Repeatability**

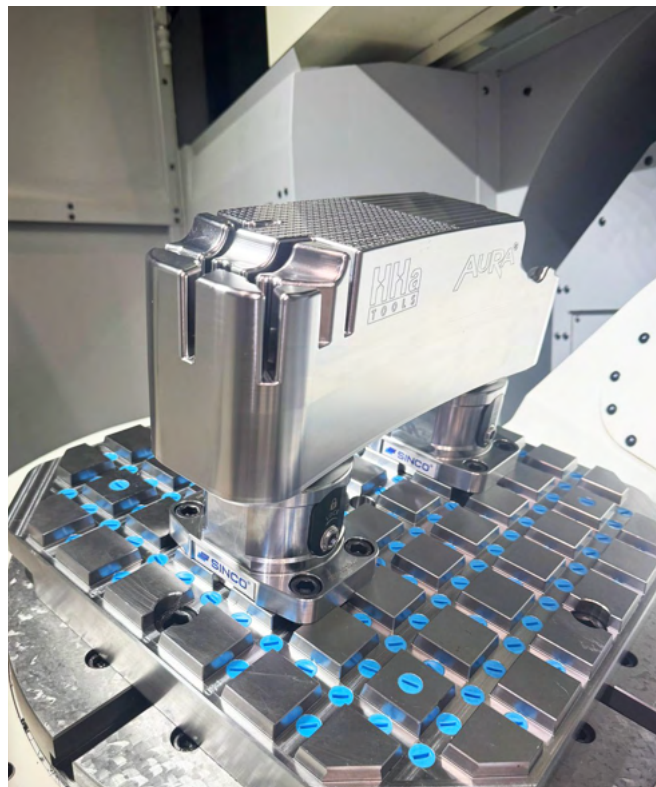
Applications

- Milling machines (5 and 3-axis),
- Sink EDM machines,
- Measuring machines

Features

- 5µm repeatable fixture positioning,
- Fixing screw M12 - 65kN fixing force per (1x) M12 screw (4x screw = 260kN),
- Corrosion-free stainless steel design

Applications



Benefits and Advantages

Plan your clamping ahead, easily adjust height, enhance precision, and ensure repeatability in 5-axis workholding or general standardized clamping.

Height Adjustability

Optimizing tool access and reducing the risk of collision

MultiZero Risers and Extensions allow workpieces to be raised as needed, optimizing tool access and reducing the risk of collision. Additionally the adjustable adapters enable vertical movement of +20mm, making it possible to push the height and align the workpiece—something that particularly useful for clamping workpieces with uneven undersides.



Precision & Repeatability

Scope-free nipple centering between components

Integrated positioning elements ensure accurate alignment and reliable repeatability of riser mounting to the baseplate, while scope-free nipple centering between components ensures accurate positioning and centricity at the touch point.

Five-sided machining

Wide workpiece accessibility with clamping from the underside

With the workpiece clamped from the underside, all five sides remain completely accessible for machining. Clamping holes can be precisely predefined in CAD operations and simulated in CAM using 3D models of each clamping component, ensuring seamless integration under the SINCO standard.

MultiZero Risers

MultiZero Riser W80

Workpiece clamping fixture that enables five-sided machining. Perfect for general 5-axis machining or clamping of large workpieces.

Product	Product no.	Height (h)	Clamping force (kN)	Ø (A)	Ø (B)	Weight (kg)
MultiZero Riser W80	3B6-1010-0	80.0 mm	25 kN	75.0 mm	90.0 mm	4.00 kg

Drawing



MultiZero Riser W80 Extensions

MultiZero Riser W80 Extension

MultiZero Riser W80 Extensions provide added height for 5-axis machining, improving tool access and preventing collisions.

Product	Product no.	Height (h)	Clamping force (kN)	Ø (A)	Ø (B)	Weight (kg)
MultiZero Riser W80 Extension H80	3B6-1045-0	80.0 mm	25 kN	90.0 mm	75.0 mm	4.16 kg

Drawing



Product	Product no.	Height (h)	Clamping force (kN)	Ø (A)	Ø (B)	Weight (kg)
MultiZero Riser W80 Extension H100	3B6-1050-0	100.0 mm	25 kN	90.0 mm	75.0 mm	4.59 kg

Drawing



Product	Product no.	Height (h)	Clamping force (kN)	Ø (A)	Ø (B)	Weight (kg)
MultiZero Riser W80 Extension H120	3B6-1040-0	120.0 mm	25 kN	90.0 mm	75.0 mm	5.20 kg

Drawing



MultiZero Riser W80 Adapters

MultiZero Riser W80 Adapter H20 D45

Height adapters for precise height adjustment and (workpiece) point of contact surface area reduction, enhancing height adjustment and accessibility in 5-axis machining.

Product no.	Height (h)	Ø (A)	Ø (B)	Weight (kg)
3A6-1110-0	20.0 mm	75.0 mm	45.0 mm	0.45 kg

Drawing



MultiZero Riser W80 Adapter H40 D45

Height adapters for precise height adjustment and (workpiece) point of contact surface area reduction, enhancing height adjustment and accessibility in 5-axis machining.

Product no.	Height (h)	Ø (A)	Ø (B)	Weight (kg)
3A6-1115-0	40.0 mm	75.0 mm	45.0 mm	0.71 kg

Drawing



MultiZero Riser W80 Adapter H50 D45

Height adapters for precise height adjustment and (workpiece) point of contact surface area reduction, enhancing height adjustment and accessibility in 5-axis machining.

Product no.	Height (h)	Ø (A)	Ø (B)	Weight (kg)
3A6-1120-0	50.0 mm	75.0 mm	45.0 mm	0.82 kg

Drawing



MultiZero Riser W80 Adapter H60 D45

Height adapters for precise height adjustment and (workpiece) point of contact surface area reduction, enhancing height adjustment and accessibility in 5-axis machining.

Product no.	Height (h)	Ø (A)	Ø (B)	Weight (kg)
3A6-1125-0	60.0 mm	75.0 mm	45.0 mm	0.93 kg

Drawing



MultiZero Riser W80 Adapter H70 D30

Height adapters for precise height adjustment and (workpiece) point of contact surface area reduction, enhancing height adjustment and accessibility in 5-axis machining.

Product no.	Height (h)	Ø (A)	Ø (B)	Weight (kg)
3A6-1150-0	70.0 mm	75.0 mm	30.0 mm	0.90 kg

Drawing





MultiZero Riser W80 Adapter H70 D45

Height adapters for precise height adjustment and (workpiece) point of contact surface area reduction, enhancing height adjustment and accessibility in 5-axis machining.

Product no.	Height (h)	Ø (A)	Ø (B)	Weight (kg)
3A6-1130-0	70.0 mm	75.0 mm	45.0 mm	1.17 kg
<div><div>Drawing</div><div></div></div>				



MultiZero Riser W80 Adapter H80 D45

Height adapters for precise height adjustment and (workpiece) point of contact surface area reduction, enhancing height adjustment and accessibility in 5-axis machining.

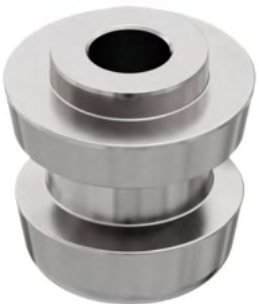
Product no.	Height (h)	Ø (A)	Ø (B)	Weight (kg)
3A6-1135-0	70.0 mm	75.0 mm	45.0 mm	1.15 kg
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MultiZero Riser W80 Adjusting Adapter

MultiZero Riser W80 Adjusting Adapter

The MultiZero Riser W80 Adjusting Adapter enables +20mm height adjustment for precise workpiece alignment and secure clamping.

Product	Product no.	Height (h)	Adjustable height (h)	Ø (A)	Weight (kg)
MultiZero Riser W80 Adjusting Adapter	3B6-1195-0	80.0 mm	+20.0 mm (100.0 mm)	75.0 mm	1.47 kg
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MultiZero Riser W80 Nipple

MultiZero Riser Nipple

MultiZero Riser Nipple, positions workpieces on MultiZero Risers by fitting into a premachined H holes for precise and stable alignmer

Product	Product no.	Ø (A)	Ø (B)	Mounting bolt	Weight (kg)
MultiZero Riser Nipple D22	3A6-1166-0	22.0 mm	40.0 mm	M12	0.20 kg
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Product	Product no.	Ø (A)	Ø (B)	Mounting bolt	Weight (kg)
MultiZero Riser Nipple D24	3A6-1165-0	24.0 mm	40.0 mm	M12	0.20 kg
<div><div>Drawing</div><div></div></div>					

Product	Product no.	Ø (A)	Ø (B)	Mounting bolt	Weight (kg)
MultiZero Riser Nipple D25	3A6-1130-0	25.0 mm	40.0 mm	M12	0.20 kg
<div><div>Drawing</div><div></div></div>					

MultiZero Riser W80 Cover

MultiZero Riser W80 Cover

The MultiZero Riser W80 Cover protects the riser from dirt, chips and damage when not in use, ensuring long product life.

Product	Product no.	Ø (A)	Weight (g)
MultiZero Riser W80 Cover	3A6-1035-0	41.0 mm	62.5 g
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MultiZero Support Elements

“LEGO-like” zero-point foundation for modular clamping

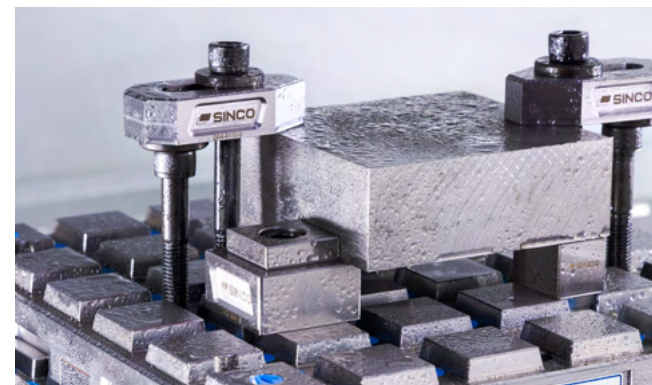
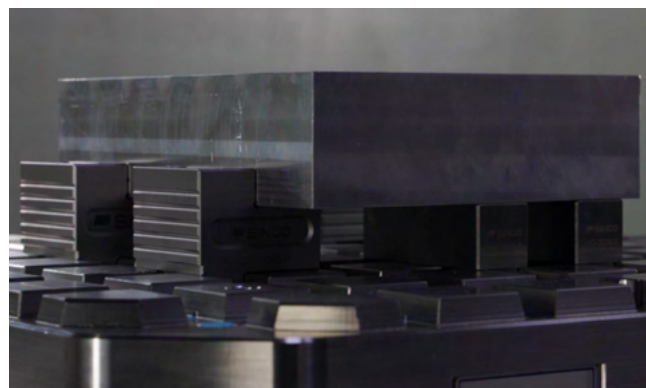
The MultiZero Support Elements product family is designed to enhance workpiece stability, vibration reduction, and precise positioning during machining operations. These modular support components are engineered to accommodate a wide range of workpiece geometries, ensuring optimal clamping conditions for the:

1. Production process, where workpieces tend to change, and the adaptability of workholding equipment is crucial,
2. Machining of larger workpiece that need support to reduce vibration and improve set-up rigidity,
3. Self positioning and centering of the workpieces,
4. Support of the geometrically challenging workpieces,
5. Support and centering of the workpieces that need to be clamped with standard clamps.

Applications

- Milling machines (5 and 3-axis),
- Sink EDM machines,
- Measuring machines

Applications



Your Benefits

- ✓ **Workpiece support**
- ✓ **Workpiece self centering**
- ✓ **Modular positioning**

Features

- Two jaw height options - 23mm and 35mm,
- Vise Wedge positioning adjustment, pitch 2.5 mm,
- Replaceable jaws with positive down force,
- Special design protects jaws from dirt
- Workpiece support (Rail) height 35mm

Benefits and Advantages

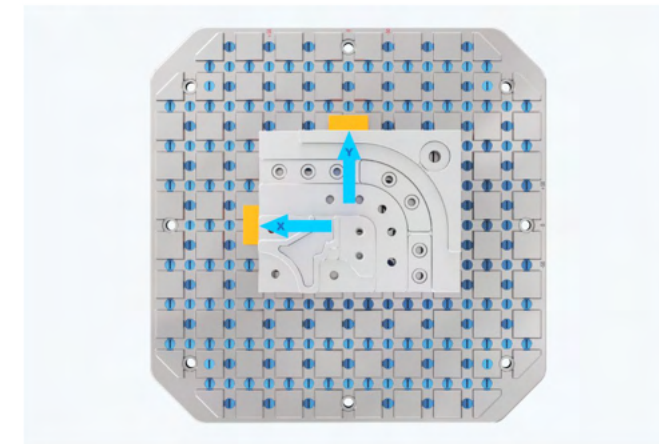
Adapt, expand and clamp any size or shape of the workpiece



Modular positioning

Simple rotation of support elements in 90°, 180°, or 270° degree angles

All support elements have a conical slot rail at the bottom of the fixture, which enables it to move precisely in a 50mm array across the base plate and be easily rotated by 90°, 180°, or 270° to support the workpiece in the required direction.



Workpiece self-centering

Locking of X and Y axes for workpiece positioning and repeatability

By positioning two support elements on the base plate, one locking the X-axis and the other locking the Y-axis—the workpiece can be placed on the base plate and automatically self-centered. This allows the customer to save time on centering the workpiece and enables the repeatable positioning of multiple workpieces in the same location, eliminating the need to repeatedly take a zero-point reference for each newly clamped workpiece.

Workpiece support

Standardized support heights at 25, 35 and 50mm for both rectangular and round parts

The extensive portfolio of MultiZero Support Elements enables workpiece support for rectangular and round workpiece shapes. With three standardized heights—25, 35, and 50mm—support can be placed either below the workpiece to improve stability and reduce vibration or on the side of the workpiece for additional stability and centering.

MultiZero Cylindrical Supports

MultiZero Cylindrical Support D50 H50

MultiZero Cylindrical Supports provide support and centering for workpieces, especially round ones, during machining.

Product no.	Lower support height (h)	Upper support height (h)	Ø (A)	Ø (B)	Weight (kg)
1A3-2035-0	35.0 mm	50.0 mm	49.0 mm	35.0 mm	0.56 kg

Drawing



MultiZero Cylindrical Support D50 H35

MultiZero Cylindrical Supports provide support and centering for workpieces, especially round ones, during machining.

Product no.	Lower support height (h)	Upper support height (h)	Ø (A)	Ø (B)	Weight (kg)
1A3-2040-0	25.0 mm	35.0 mm	49.0 mm	35.0 mm	0.40 kg

Drawing



MultiZero Cylindrical Support D40 H50 D20

MultiZero Cylindrical Supports provide support and centering for workpieces, especially round ones, during machining.

Product no.	Support height (h)	Ø (A)	Ø (B)	Weight (kg)
1A3-2045-0	50.0 mm	40.0 mm	20.0 mm	0.41 kg

Drawing



MultiZero Supports

MultiZero Support W50 L50C H35 (Centric)

MultiZero Supports provide workpiece centering and vibration support, suitable for various workpiece sizes and shapes.

Product no.	Lower support height (h)	Upper support height (h)	Weight (kg)
2A3-1370-0	25.0 mm	35.0 mm	0.52 kg

Drawing



MultiZero Support W50 L50E H35 (E-centric)

MultiZero Supports provide workpiece centering and vibration support, suitable for various workpiece sizes and shapes.

Product no.	Lower support height (h)	Upper support height (h)	Weight (kg)
2A3-1380-0	25.0 mm	35.0 mm	0.51 kg

Drawing



MultiZero Support W50 L50C H25 (Centric)

MultiZero Supports provide workpiece centering and vibration support, suitable for various workpiece sizes and shapes.

Product no.	Support height (h)	Weight (kg)
2A3-1390-0	25.0 mm	0.44 kg

Drawing



MultiZero Support W50 L50C H50 (Centric)

MultiZero Supports provide workpiece centering and vibration support, suitable for various workpiece sizes and shapes.


Product no.	Lower support height (h)	Upper support height (h)	Weight (kg)
2A3-1400-0	30.0 mm	50.0 mm	0.74 kg

Drawing




MultiZero Support W50 L50E H50 (E-centric)

MultiZero Supports provide workpiece centering and vibration support, suitable for various workpiece sizes and shapes.

Product no.	Lower support height (h)	Upper support height (h)	Weight (kg)
2A3-1410-0	35.0 mm	50.0 mm	0.73 kg
<div><div>Drawing</div><div></div></div>			


MultiZero Support W50 L75C H35 (Centric)

MultiZero Supports provide workpiece centering and vibration support, suitable for various workpiece sizes and shapes.

Product no.	Lower support height (h)	Upper support height (h)	Weight (kg)
2A3-1420-0	25.0 mm	35.0 mm	0.83 kg
<div><div>Drawing</div><div></div></div>			

MultiZero Support W50 L75C H50 (Centric)


MultiZero Supports provide workpiece centering and vibration support, suitable for various workpiece sizes and shapes.

Product no.	Lower support height (h)	Upper support height (h)	Weight (kg)
2A3-1430-0	35.0 mm	50.0 mm	1.17 kg
<div><div>Drawing</div><div></div></div>			

MultiZero Holders


MultiZero Holder W50 H35

MultiZero Holders provide workpiece centering and vibration support from all four (4) sides of the holder element.

Product no.	Lower support height (h)	Upper support height (h)	Weight (kg)
2A3-3041-0	25.0 mm	35.0 mm	0.54 kg
<div><div>Drawing</div><div></div></div>			

MultiZero Holder W50 H50

MultiZero Holders provide workpiece centering and vibration support from all four (4) sides of the holder element.

Product no.	Lower support height (h)	Upper support height (h)	Weight (kg)
2A3-3045-0	35.0 mm	50.0 mm	0.75 kg
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MultiZero Prismatic Supports

MultiZero Prismatic Support H W50 H50 90

MultiZero Prismatic Supports stabilize round workpieces during machining and prevent vibration with upper, side, or diagonal support option.

Product	Product no.	Support sides (s)	Width (w)	Support position (p)	Weight (kg)
MultiZero Prismatic Support H W50 H50 90	1A3-2530-0	2x	50.0 mm	Side	0.66 kg
<div><div>Drawing</div><div></div></div>					


MultiZero Prismatic Support H W50 H35 120

MultiZero Prismatic Supports stabilize round workpieces during machining and prevent vibration with upper, side, or diagonal support option.

Product	Product no.	Support sides (s)	Width (w)	Support position (p)	Weight (kg)
MultiZero Prismatic Support H W50 H35 120	1A3-2540-0	2x	50.0 mm	Side	0.47 kg
<div><div>Drawing</div><div></div></div>					

MultiZero Prismatic Support V W50 H35 120

MultiZero Prismatic Supports stabilize round workpieces during machining and prevent vibration with upper, side, or diagonal support option.

Product	Product no.	Support height (h)	Width (w)	Support position (p)	Weight (kg)
MultiZero Prismatic Support V W50 H35 120	1A3-2520-0	35.0 mm	50.0 mm	Up	0.51 kg
<div><div>Drawing</div><div></div></div>					



MultiZero Prismatic Support V W25 H35 90

MultiZero Prismatic Supports stabilize round workpieces during machining and prevent vibration with upper, side, or diagonal support option.

Product	Product no.	Support height (h)	Width (w)	Support position (p)	Weight (kg)
MultiZero Prismatic Support V W25 H35 90	1A3-2505-0	35.0 mm	25.0 mm	Up	0.25 kg

Drawing



MultiZero Prismatic Support V W50 H50 90

MultiZero Prismatic Supports stabilize round workpieces during machining and prevent vibration with upper, side, or diagonal support option.

Product	Product no.	Support height (h)	Width (w)	Support position (p)	Weight (kg)
MultiZero Prismatic Support V W50 H50 90	1A3-2510-0	50.0 mm	50.0 mm	Up	0.65 kg

Drawing



MultiZero Prismatic Support V W30 H50 90

MultiZero Prismatic Supports stabilize round workpieces during machining and prevent vibration with upper, side, or diagonal support option.

Product	Product no.	Support height (h)	Width (w)	Support position (p)	Weight (kg)
MultiZero Prismatic Support V W30 H50 90	1A3-2550-0	30.0 mm	50.0 mm	Up	0.39 kg

Drawing

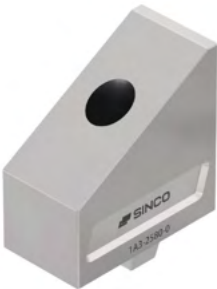


MultiZero Prismatic Support V W30 L50 120

MultiZero Prismatic Supports stabilize round workpieces during machining and prevent vibration with upper, side, or diagonal support option.

Product	Product no.	Support length (l)	Width (w)	Support position (p)	Weight (kg)
MultiZero Prismatic Support V W30 L50 120	1A3-2570-0	50.0 mm	30.0 mm	Diagonal	0.40 kg

Drawing



MultiZero Prismatic Support V W40 L75 120

MultiZero Prismatic Supports stabilize round workpieces during machining and prevent vibration with upper, side, or diagonal support option.

Product	Product no.	Support length (l)	Width (w)	Support position (p)	Weight (kg)
MultiZero Prismatic Support V W40 L75 120	1A3-2580-0	75.0 mm	40.0 mm	Diagonal	0.62 kg

Drawing



MultiZero Prismatic Support H W50 H35

MultiZero Prismatic Supports stabilize round workpieces during machining and prevent vibration with upper, side, or diagonal support option.

Product	Product no.	support sides (s)	Width (w)	Support position (p)	Weight (kg)
MultiZero Prismatic Support H W50 H35	1A3-2590-0	7x	50.0 mm	Side	0.36 kg

Drawing



MultiZero Dowel Pins

MultiZero Dowel Pin

The MultiZero Dowel Pin is used for precise workpiece positioning or orientation in various MultiZero Applications.

Product	Product no.	Ø (A)	Length (mm)	Weight (g)
MultiZero Dowel Pin D12,5 L30	2A7-5051-0	12,50 h5	30.00 mm	25 g

Drawing



Product	Product no.	Ø (A)	Length (mm)	Weight (g)
MultiZero Dowel Pin D12 D12,5 L30	2A7-5520-0	12,50 g6	30.00 mm	25 g






Drawing



MultiZero Stopper Rails

MultiZero Stopper Rail

The MultiZero Stopper Rail reduces vibration and prevents workpiece deflection during machining.



Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Stopper Rail L25 H25	1A3-3000-0	25.0 mm	25.0 mm	25.0 mm	0.10 kg
Drawing					
Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Stopper Rail L35 H25	1A3-3005-0	25.0 mm	35.0 mm	25.0 mm	0.15 kg
Drawing					
Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Stopper Rail L50 H25	1A3-3010-0	25.0 mm	50.0 mm	25.0 mm	0.24 kg
Drawing					
Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Stopper Rail L75 H25	1A3-3015-0	25.0 mm	75.0 mm	25.0 mm	0.38 kg
Drawing					
Product	Product no.	Height (h)	Length (l)	Width (w)	Weight (kg)
MultiZero Stopper Rail L100 H25	1A3-3020-0	25.0 mm	100.0 mm	25.0 mm	0.47 kg
Drawing					



MultiZero Clamp Supports

MultiZero Clamp Support

The MultiZero Double Vise Wedge offers dual-sided, precise 2.5 mm adjustable clamping for two workpieces at once.

Product	Product no.	Height (h)	Ø (A)	Weight (kg)
MultiZero Clamp Support D40 H50	1A3-3031-0	50.0 mm	40.0 mm	0.40 kg
Drawing				
Product	Product no.	Height (h)	Ø (A)	Weight (kg)
MultiZero Clamp Support Threaded D40 H50	1A3-3032-0	50.0 mm	40.0 mm	0.40 kg
Drawing				



Centric Clamping Vises

Clamping of smaller parts with unrestricted tool accessibility

The 5XGrip Centering Vise is a great addition to any MultiZero setup, enabling simple and straightforward workholding for smaller parts. With reversible jaws, it can clamp workpieces up to 149mm and provides clamping forces of up to 25kN. The 5XGrip comes with fine jaws for clamping at a 5mm jaw depth, while jaws for rough clamping at a 3mm jaw depth can be purchased separately.

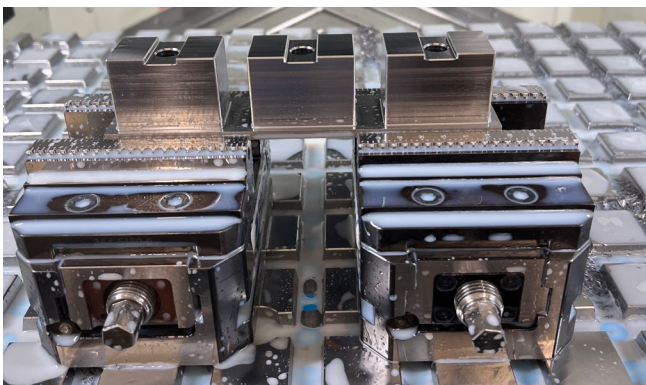
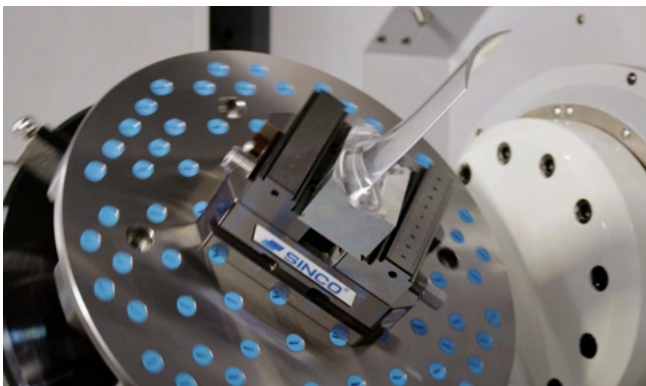
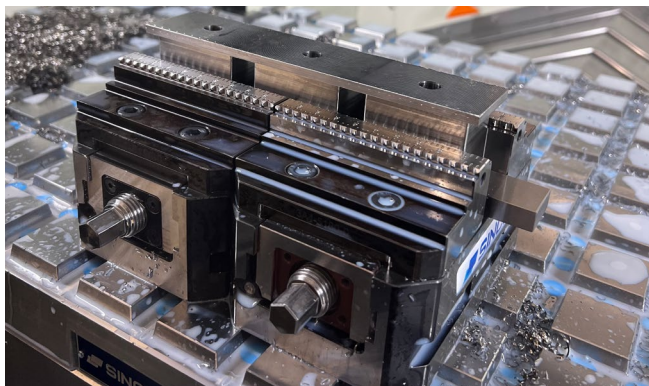
The 5XGrip Centering Vise is designed for long-term durability, as it is made from high-quality, hardened tool steel and features a completely sealed center spindle, preventing chips from entering the vise mechanism.

Note: The 5XGrip Centering Vise can be used on the MultiZero Clamping System or separately, mounted directly onto the machine table.

Applications

- 5-axis milling machines,
- 3-axis milling requiring workpiece accessibility
- Sink EDM machines,
- Measuring machines

Applications



Your Benefits

- ✓ **Consistent jaw alignment**
- ✓ **Completely sealed spindle**
- ✓ **Durable & Built to Last**

Features

- Four M10 thread holes with recess $\phi 12.50$ for centering on the underside in pattern 50x50mm,
- Two holes $\phi 12.50$ for dowel pins on the underside, at the longitudinal axis, 100.00mm over the center,
- Special spindle encapsulation system with numerous seals,
- Two types of jaws: raw grip (3mm) for the setup of raw material and smooth jaws (5mm) for the second setup.

MultiZero 5XGrip Centering Vise

5XGrip Centering Vise 149

The 5XGrip Centering Vise, with 100mm jaws and a 144mm clamping range, provides stable, versatile 5-axis clamping with adjustable jaws and a robust spindle system.

Product	Product no.	Length (l)	Width (w)	Height (h)	Clamping range (mm)	Clamping force (kN)	Weight (kg)
5XGrip Centering Vise	3B4-5100-0	150.0 mm	90.0 mm	85.0 mm	1-149 mm	25	6.55 kg
Drawing							



5XGrip Jaw Pad Type A

The 5XGrip comes with clamping step 5mm Type A fine jaws; and step 3mm Type B jaws for rough milling to be added optionally.

Product	Product no.	Height (h)	Width (w)	Clamping step (h)	Weight (kg)
5XGrip Jaw Pad Type A	3A4-5180-0	35.0 mm	99.0 mm	5.0 mm	555,5 g
Drawing					



5XGrip Jaw Pad Type B

The 5XGrip comes with clamping step 5mm Type A fine jaws; and step 3mm Type B jaws for rough milling to be added optionally.

Product	Product no.	Height (h)	Width (w)	Clamping step (h)	Weight (kg)
5XGrip Jaw Pad Type B	3A4-5185-0	35.0 mm	99.0 mm	3.0 mm	560,0 g
Drawing					



MultiZero Clamps

Standard clamping options and workholding of challenging to clamp parts

MultiZero Clamps come in various shapes, dimensions, and functions, designed to securely hold challenging workpieces on the MultiZero Clamping System. They can be easily combined with other MultiZero workholding elements for support of the workpiece, such as MultiZero Supports, Holders, and Stopper Rails, to provide comprehensive and stable clamping solutions for a wide range of workpieces.

All clamps are mounted to the base plate or pallet with the M12 bolt.

Your Benefits

- ✓ **Standard workholding option**
- ✓ **Clamp challenging parts**
- ✓ **Great compatibility with support elements**

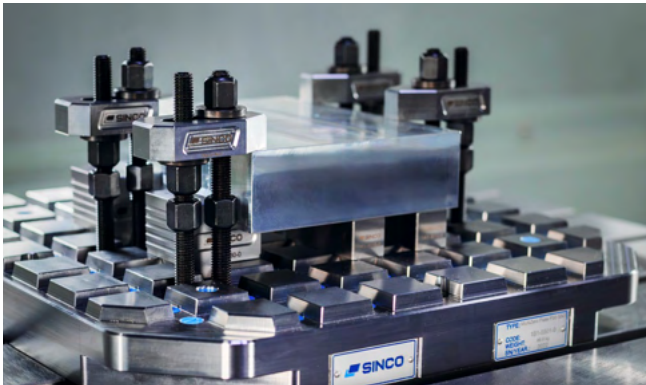
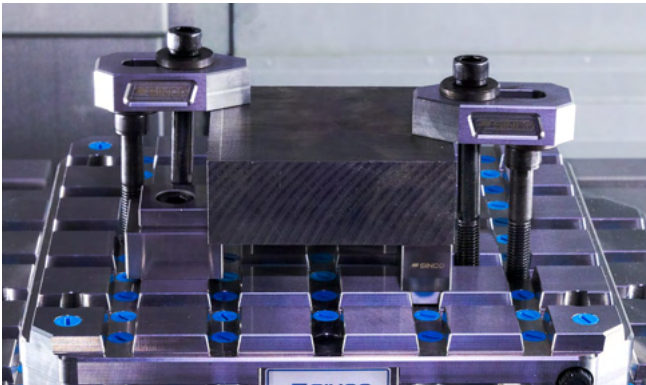
Applications

- Milling machines (5 and 3-axis),
- Sink EDM machines,
- Measuring machines

Features

- Material: high quality hardened corrosion resistant steel,
- All clamps designed for clamping with bolt M12,
- Designed to best suite clamping within MultiZero System and MultiZero Clamp Pallets


Applications



MultiZero Clamps

MultiZero Clamp Type 1


MultiZero Clamps are presented in many shapes, dimensions and functions to clamp challenging to hold parts.

Product no.	Clamping width at the clamp tip (mm)	Bolt hole opening center to center (mm)	Weight (kg)
2A4-4110-0	14 mm	36 mm	0.34 kg
Drawing			



MultiZero Clamp Type 2


MultiZero Clamps are presented in many shapes, dimensions and functions to clamp challenging to hold parts.

Product no.	Clamping width at the clamp tip (mm)	Bolt hole opening center to center (mm)	Weight (kg)
2A4-4100-0	14 mm	36 mm	0.38 kg
Drawing			



MultiZero Clamp Type 3


MultiZero Clamps are presented in many shapes, dimensions and functions to clamp challenging to hold parts.

Product no.	Clamping width at the clamp tip (mm)	Bolt hole opening center to center (mm)	Weight (kg)
2A4-4120-0	13 mm	36 mm	0.23 kg
Drawing			

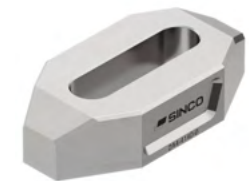


MultiZero Clamp Type 4

MultiZero Clamps are presented in many shapes, dimensions and functions to clamp challenging to hold parts.

Product no.	Clamping width at the clamp tip (mm)	Bolt hole opening center to center (mm)	Weight (kg)
2A4-4130-0	20 mm	36 mm	0.56 kg
Drawing			







MultiZero Clamp Type 5

MultiZero Clamps are presented in many shapes, dimmensions and functions to clamp challenging to hold parts.

Product no.	Clamping width at the clamp tip (mm)	Bolt hole opening center to center (mm)	Weight (kg)
2A4-4140-0	14 mm	36 mm	0.29 kg

Drawing






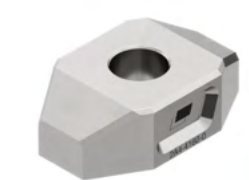
MultiZero Clamp Type 6

MultiZero Clamps are presented in many shapes, dimmensions and functions to clamp challenging to hold parts.

Product no.	Clamping width at the clamp tip (mm)	Bolt hole opening center to center (mm)	Weight (kg)
2A4-4150-0	14 mm	14 mm	0.18 kg

Drawing






MultiZero Clamp Type 7

MultiZero Clamps are presented in many shapes, dimmensions and functions to clamp challenging to hold parts.

Product no.	Clamping width at the clamp tip (mm)	Bolt hole opening center to center (mm)	Weight (kg)
2A4-4160-0	14 mm	Ø13	0.13 kg

Drawing



MultiZero Adapter Plates

Adapting any workpiece to SINCO standard & wire EDM workpiece transfer

The MultiZero Adapter Plate is a versatile add-on for the MultiZero Pallet and MultiZero Clamp Pallet that enables:

1. Workpiece to system standard integration: In cases where SINCO-standard holes (50mm pitch) cannot be implemented—such as subcontracting jobs where holes are prohibited or interfere with subsequent processes—the Adapter Plate allows for customized positioning holes. Once mounted on the Adapter Plate, the workpiece and plate can be positioned seamlessly on a MultiZero Pallet using H7 centering pins.

2. Wire EDM Compatibility: For applications requiring Wire EDM processing, the Adapter Plate protects the MultiZero / Clamp Pallet from damage during cutting operations. The workpiece is mounted on the Adapter Plate, which is then mounted onto the pallet. The Adapter Plate can be transferred from the pallet along with the workpiece to the Wire EDM machine, where it undergoes processing. The adapter protects the pallet from wire damage while maintaining zero-point repeatability for repositioning on the pallet afterward.

Your Benefits

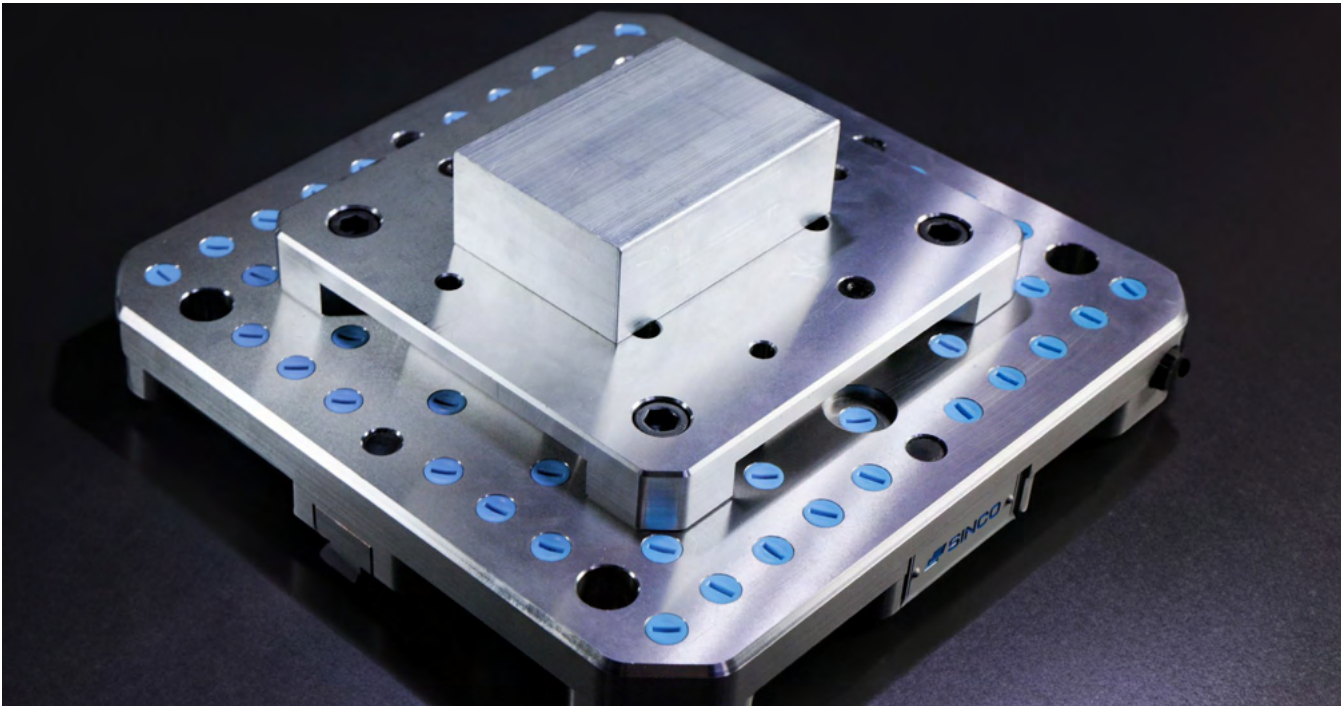
- ✓ **System standard adaptability**
- ✓ **Wire EDM compatibility**
- ✓ **Enables full zero-point offset mold production process**

Applications

- Wire EDM machine,
- Milling machines (5 and 3-axis),
- Sink EDM machines,
- Measuring machines

Features




- Positioned with two dowel pins $\phi 12,50$ to the MultiZero and MultiZero Clamp Pallet,
- M10 threads used for lifting eyebolts,
- Clamped with M12 to the MultiZero or MultiZero Clamp Pallet, with up to 65kN at each M12 bolt



MultiZero Adapter Plates





MultiZero Adapter Plate AxB

The MultiZero Adapter Plate enables custom positioning holes for workpiece positioning and zero-point transfer to wire EDM.

Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Adapter Plate 150x250	1A2-1560-0	249.5 mm	149.5 mm	25.0 mm	
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Adapter Plate 150x350	1A2-1570-0	349.5 mm	149.5 mm	25.0 mm	
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Adapter Plate 200x400	1A2-1580-0	399.5 mm	199.5 mm	25.0 mm	
Drawing					

MultiZero Adapter Plate AxA

The MultiZero Adapter Plate enables custom positioning holes for workpiece positioning and zero-point transfer to wire EDM.

Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Adapter Plate 150x150	1A2-1510-0	149.5 mm	149.5 mm	25.0 mm	
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Adapter Plate 200x200	1A2-1520-0	199.5 mm	199.5 mm	25.0 mm	
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Adapter Plate 250x250	1A2-1530-0	249.5 mm	249.5 mm	25.0 mm	
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Adapter Plate 300x300	1A2-1540-0	299.5 mm	299.5 mm	25.0 mm	
Drawing					

Fixture Integration Elements

Simple integration of vises and special fixtures to MultiZero Clamping System

MultiZero Slot Rails are designed to be installed on the bottom surface of existing vises and special fixtures that customers may already own. This approach prevents waste of old equipment, as MultiZero Slot Rails enable easy adaptation to the MultiZero Clamping System.

By milling four conical slots underneath the device, the MultiZero Slot Rail can be installed, transforming traditional clamping tools into zero-point clamping vises/fixtures within seconds, enhancing precision, repeatability, and efficiency.

Note: Vises and fixtures equipped and positioned with MultiZero Slot Rails still need to be clamped to the base plate, either with clamps or any other suitable workholding solution for the given application. If this approach is not suitable, vises and fixtures can be placed on a MultiZero Blank or Clamp Pallet, which feature predetermined holes for clamping within the system.

Your Benefits





- ✓ Vises & Fixtures integration
- ✓ Simple installation
- ✓ No waste of equipment



MultiZero Slot Rails

MultiZero Slot Rail

The MultiZero Slot Rail adapts existing clamping devices (vises, fixtures,...) to the MultiZero Clamping System.

Product	Product no.	Length (l)	Width (w)	Positioning width (mm)	Positioning height (mm)	Weight (g)
MultiZero Slot Rail W16 L30	1A3-3405-0	30.0 mm	16.0 mm	16,00 g6	7,00	34 g
Drawing						
Product	Product no.	Length (l)	Width (w)	Positioning width (mm)	Positioning height (mm)	Weight (g)
MultiZero Slot Rail W16 L40	1A3-3410-0	40.0 mm	16.0 mm	16,00 g6	7,00	58 g
Drawing						
Product	Product no.	Length (l)	Width (w)	Positioning width (mm)	Positioning height (mm)	Weight (g)
MultiZero Slot Rail W20 L30	1A3-3505-0	30.0 mm	20.0 mm	20,00 g6	7,00	47 g
Drawing						
Product	Product no.	Length (l)	Width (w)	Positioning width (mm)	Positioning height (mm)	Weight (g)
MultiZero Slot Rail W20 L40	1A3-3515-0	40.0 mm	20.0 mm	16,00 g6	7,00	67 g
Drawing						

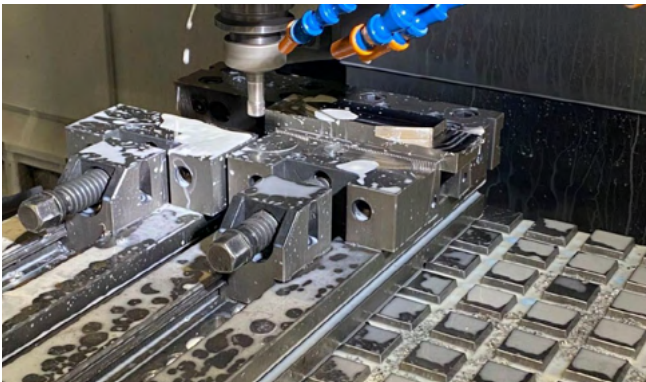
Applications

- Installation to existing vises
- Installation to special fixtures

Features

- Material - high quality hardened corrosion resistant steel
- Tightened with M6 screw from the underside,
- Two widths available - 16,00 mm / 20,00 mm

Applications



MultiZero Pallets

Clamping pallets for off-machine clamping
and workpiece transfer



MultiZero Pallets

Clamping pallets for off-machine clamping and workpiece transfer

MultiZero Pallets are a great addition to any MultiZero setup, as they enable seamless workpiece transitions while maintaining 5µm repeatability in two ways:

1. Clamping off-machine – Clamping outside the machine allows for preparation of the workpiece while the machine is running, minimizing downtime and boosting machining productivity.

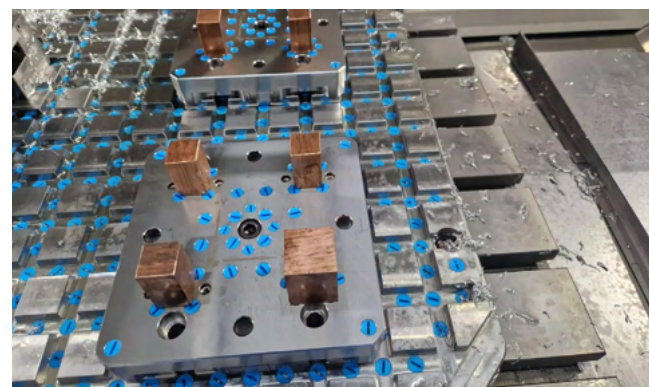
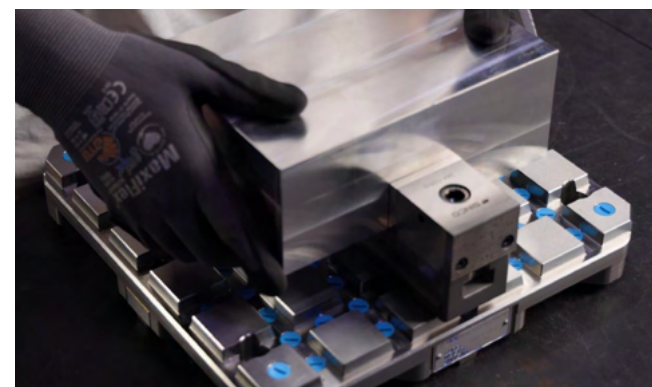
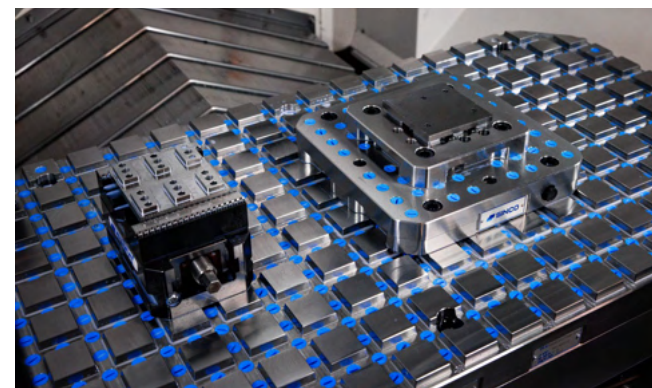
2. Zero-point offset – Enables the transfer of the workpiece between machining operations (e.g., milling – EDM – measuring) without losing the initial zero-point positioning. If any mistakes are identified in the final machining stage, the workpiece on the pallet can be easily returned to any previous stage in its original position within minutes.

With five (5) types of MultiZero Pallets available in various sizes, users can clamp workpieces in multiple ways and significantly increase the productivity of their machining process.

Applications

- Milling machines (5 and 3-axis),
- Sink EDM machines,
- Measuring machines

Applications



Your Benefits

- ✓ Off-machine clamping
- ✓ Zero-point offset
- ✓ 5µm repeatable positioning
- ✓ 5 different pallet options

Features

- 5µm repeatable positioning,
- Positioning holes for MultiZero Cylindrical Supports made underneath clamping bolts
- Handling grooves on the underside
- M12 thread holes on the top made for lifting Eyebolts and clamping
- RFID Identification and data chip installed (optionally)

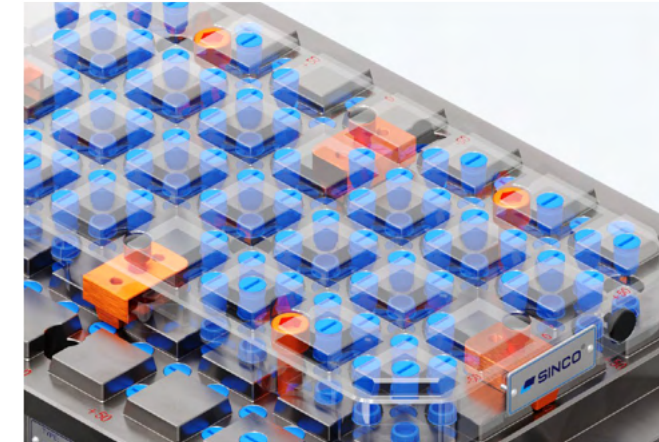
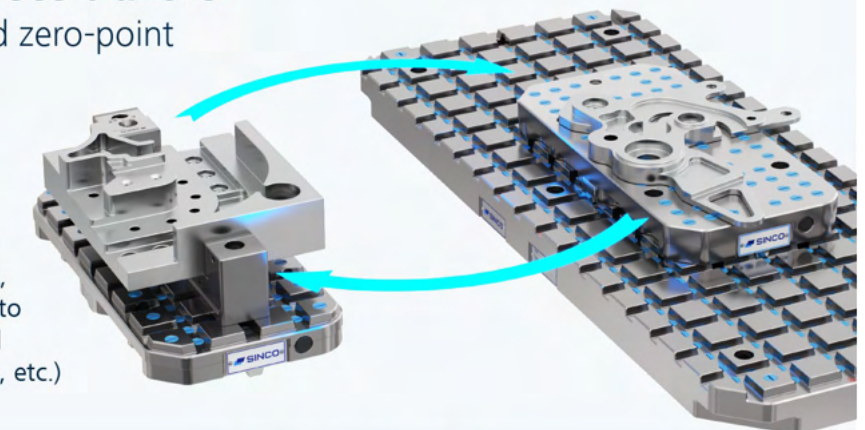
Benefits and Advantages

Clamp off-machine to maximize spindle time & transfer workpieces across multiple machining operations in the initial zero-point position

Quick switch & workpiece transfer

Extended spindle runtime and zero-point offset across process

MultiZero Pallets enable off-machine clamping and quick pallet switching, resulting in minimal machine downtime and maximum productivity. Besides that, these pallets enable workpiece transfer to other machining operations in the initial zero-point position (EDM, CMM, milling, etc.)



5µm repeatable positioning

Zero-gap conical locking in X and Y enables pallet 5µm repeatable positioning

Five different pallet options

Different pallet options enable transfer of all small to medium-sized workpieces










MultiZero Pallets are precisely positioned on the base plate by aligning four (4x) slot rails beneath the pallet with the conical slot array in the X and Y axes. Conical positioning allows for zero-gap locking of positional elements and the base plate, which enables excellent thermal stability, reduces vibration, and ensures 5µm pallet positioning repeatability.

The MultiZero Pallet portfolio offers five different pallet types that enable various user-focused applications in machining operations. From the MultiZero Pallet line, which provides the same degree of workholding flexibility as the base plate, to the EDM pallet for multiple electrode production—these pallets enhance machining productivity and standardization for all small- to medium-sized workpieces.




MultiZero Pallet

MultiZero Pallet AxB

The MultiZero Pallet, enables clamping outside of the machine, seamless transfers between operations, and precise zero-point repeatability of 5µm.

Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 100x350	1B2-1010-0	349.5 mm	99.5 mm	40.0 mm	7x	16x	7.8 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 150x320	1B2-1020-0	319.5 mm	149.5 mm	40.0 mm	15x	33x	11.2 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 150x400	1B2-1030-0	399.5 mm	149.5 mm	40.0 mm	21x	50x	13.7 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 200x400	1B2-1040-0	399.5 mm	199.5 mm	40.0 mm	21x	61x	18.4 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 200x500	1B2-1050-0	499.5 mm	199.5 mm	40.0 mm	27x	87x	23.1 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 200x600	1B2-1060-0	599.5 mm	199.5 mm	40.0 mm	33x	101x	27.6 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 250x500	1B2-1070-0	499.5 mm	249.5 mm	40.0 mm	41x	115x	28.4 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 300x630	1B2-1080-0	629.5 mm	299.5 mm	40.0 mm	51x	174x	43.1 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 300x800	1B2-1090-0	799.5 mm	299.5 mm	40.0 mm	75x	233x	56.5 kg
Drawing							





Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 400x500	1B2-1180-0	499.5 mm	399.5 mm	40.0 mm	59x	195x	46.0 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 500x600	1B2-1190-0	599.5 mm	499.5 mm	40.0 mm	95x	305x	69.8 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 600x800	1B2-1200-0	799.5 mm	599.5 mm	40.0 mm	161x	504x	112.0 kg
Drawing							

MultiZero Pallet AxA

The MultiZero Pallet, enables clamping outside of the machine, seamless transfers between operations, and precise zero-point repeatability of 5µm.







Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 150x150	1B2-1100-0	149.5 mm	149.5 mm	40.0 mm	9x	12x	5.2 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 200x200	1B2-1110-0	199.5 mm	199.5 mm	40.0 mm	9x	24x	9.4 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 240x240	1B2-1120-0	239.5 mm	239.5 mm	40.0 mm	21x	53x	13.4 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 300x300	1B2-1130-0	299.5 mm	299.5 mm	40.0 mm	25x	77x	23.0 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 400x400	1B2-1140-0	399.5 mm	399.5 mm	40.0 mm	45x	150x	36.6 kg
Drawing							








Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 500x500	1B2-1150-0	499.5 mm	499.5 mm	40.0 mm	77x	249x	57.9 kg
Drawing							
Product	Product no.	Length (l)	Width (w)	Height (h)	Zero points	Thread holes M12	Weight (kg)
MultiZero Pallet 630x630	1B2-1160-0	629.5 mm	629.5 mm	40.0 mm	117x	375x	91.2 kg
Drawing							

MultiZero Clamp Pallet

MultiZero Clamp Pallet AxB








The MultiZero Clamp Pallet features M12 thread holes for versatile clamping and allows bottom-side clamping to enable full 5-sided machining access.

Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 100x350	1B2-1011-0	349.5 mm	99.5 mm	40.0 mm	29x	8.2 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 150x320	1B2-1021-0	319.5 mm	149.5 mm	40.0 mm	39x	11.6 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 150x400	1B2-1031-0	399.5 mm	149.5 mm	40.0 mm	48x	14.9 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 200x400	1B2-1041-0	399.5 mm	199.5 mm	40.0 mm	72x	19.8 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 200x500	1B2-1051-0	499.5 mm	199.5 mm	40.0 mm	87x	24.9 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 200x600	1B2-1061-0	599.5 mm	199.5 mm	40.0 mm	109x	29.7 kg
Drawing						

Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 200x600	1B2-1061-0	599.5 mm	199.5 mm	40.0 mm	109x	29.7 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 250x500	1B2-1071-0	499.5 mm	249.5 mm	40.0 mm	88x	31.7 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 300x630	1B2-1081-0	629.5 mm	299.5 mm	40.0 mm	130x	48.8 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 300x800	1B2-1091-0	799.5 mm	299.5 mm	40.0 mm	166x	63.9 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 400x500	1B2-1181-0	499.5 mm	399.5 mm	40.0 mm	160x	50.9 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 500x600	1B2-1191-0	599.5 mm	499.5 mm	40.0 mm	244x	77.3 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 600x800	1B2-1201-0	799.5 mm	599.5 mm	40.0 mm	338x	126.4 kg
Drawing						

MultiZero Clamp Pallet AxA









The MultiZero Clamp Pallet features M12 thread holes for versatile clamping and allows bottom-side clamping to enable full 5-sided machining access.

Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 150×150	1B2-1101-0	149.5 mm	149.5 mm	40.0 mm	16x	5.6 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 200×200	1B2-1111-0	199.5 mm	199.5 mm	40.0 mm	41x	10.0 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 240×240	1B2-1121-0	239.5 mm	239.5 mm	40.0 mm	69x	14.0 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 300×300	1B2-1131-0	299.5 mm	299.5 mm	40.0 mm	74x	25.5 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 400×400	1B2-1141-0	399.5 mm	399.5 mm	40.0 mm	121x	40.9 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 500×500	1B2-1151-0	499.5 mm	499.5 mm	40.0 mm	197x	64.6 kg
Drawing						
Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M12	Weight (kg)
MultiZero Clamp Pallet 630×630	1B2-1161-0	629.5 mm	629.5 mm	40.0 mm	262x	104.3 kg
Drawing						

MultiZero Blank Pallet

MultiZero Blank Pallet AxB

The MultiZero Blank Pallet features a customizable surface, allowing users to machine a clamping bed tailored to securely position specific workpieces.

Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 100×350	1B2-1013-0	349.5 mm	99.5 mm	40.0 mm	9.4 kg
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 150×320	1B2-1023-0	319.5 mm	149.5 mm	40.0 mm	13.7 kg
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 150×400	1B2-1033-0	399.5 mm	149.5 mm	40.0 mm	16.9 kg
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 200×400	1B2-1043-0	399.5 mm	199.5 mm	40.0 mm	22.8 kg
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 200×500	1B2-1053-0	499.5 mm	199.5 mm	40.0 mm	28.6 kg
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 200×600	1B2-1063-0	599.5 mm	199.5 mm	40.0 mm	34.3 kg
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 250×500	1B2-1073-0	499.5 mm	249.5 mm	40.0 mm	35.5 kg
Drawing					
Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 300×630	1B2-1083-0	629.5 mm	299.5 mm	40.0 mm	54.4 kg
Drawing					

Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 300x800	1B2-1093-0	799.5 mm	299.5 mm	40.0 mm	71.2 kg

Drawing



Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 400x500	1B2-1183-0	499.5 mm	399.5 mm	40.0 mm	58.0 kg

Drawing



Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 500x600	1B2-1193-0	599.5 mm	499.5 mm	40.0 mm	88.1 kg

Drawing



Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 600x800	1B2-1203-0	799.5 mm	599.5 mm	40.0 mm	142.1 kg

Drawing



MultiZero Blank Pallet AxA

The MultiZero Blank Pallet features a customizable surface, allowing users to machine a clamping bed tailored to securely position specific workpieces.

Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 150x150	1B2-1103-0	149.5 mm	149.5 mm	40.0 mm	6.4 kg

Drawing



Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 200x200	1B2-1113-0	199.5 mm	199.5 mm	40.0 mm	11.6 kg

Drawing



Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 240x240	1B2-1123-0	239.5 mm	239.5 mm	40.0 mm	16.8 kg

Drawing



Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 300x300	1B2-1133-0	299.5 mm	299.5 mm	40.0 mm	28.5 kg

Drawing



Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 400x400	1B2-1143-0	399.5 mm	399.5 mm	40.0 mm	46.1 kg

Drawing



Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 500x500	1B2-1153-0	499.5 mm	499.5 mm	40.0 mm	73.1 kg

Drawing



Product	Product no.	Length (l)	Width (w)	Height (h)	Weight (kg)
MultiZero Blank Pallet 630x630	1B2-1163-0	629.5 mm	629.5 mm	40.0 mm	116.0 kg

Drawing



MultiZero EDM Pallet

MultiZero EDM Pallet

The MultiZero EDM Pallet allows machining multiple electrodes simultaneously and enables quick pallet changes for enhanced productivity.

Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M8	Thread holes M10	Weight (kg)
MultiZero EDM Pallet 200x200	1A2-1114-0	199.5 mm	199.5 mm	40.0 mm	16x	18x	10.5 kg

Drawing



Product	Product no.	Length (l)	Width (w)	Height (h)	Thread holes M8	Thread holes M10	Weight (kg)
MultiZero EDM Pallet 400x400	1B2-1144-0	399.5 mm	399.5 mm	40.0 mm	60x	48x	43.5 kg

Drawing



MultiZero Pneumatic Pallet

MultiZero Pneumatic Pallet AxB

The MultiZero Pneumatic Pallet replicates the MultiZero Base Plate while integrating pneumatic zero-point modules for automatic clamping and full workholding flexibility.

Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Pallet 200x400	1B2-1042-0	399.5 mm	199.5 mm	50.0 mm	2x	3x	26.5 kg
Drawing							

MultiZero Pneumatic Pallet AxA

The MultiZero Pneumatic Pallet replicates the MultiZero Base Plate while integrating pneumatic zero-point modules for automatic clamping and full workholding flexibility.

Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Pallet 150x150	1B2-1102-0	149.5 mm	149.5 mm	50.0 mm	1x	0x	8.3 kg
Drawing							

Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Pallet 200x200	1B2-1112-0	199.5 mm	199.5 mm	50.0 mm	1x	0x	14.1 kg
Drawing							

Product	Product no.	Length (l)	Width (w)	Height (h)	Pneumatic zero points	MultiZero zero points	Weight (kg)
MultiZero Pneumatic Pallet 400x400	1B2-1142-0	399.5 mm	399.5 mm	50.0 mm	4x	13x	48.8 kg
Drawing							

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