



The pinscreen with its contour-accurate molding. It was the inspiration for the MATRIX clamping systems.

Flexible clamping systems for CT scans independent of the geometry

For absolute testing accuracy

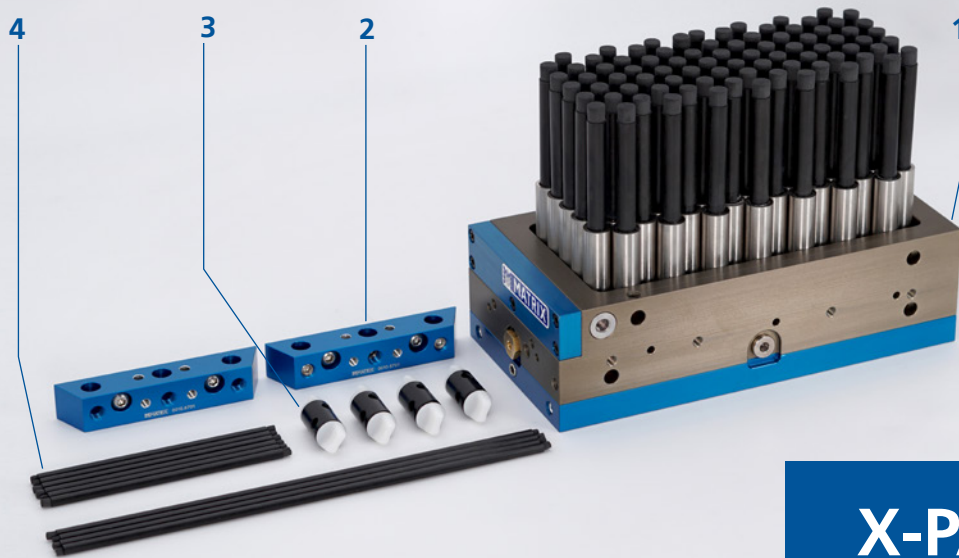
THE IDEAL COMPLEMENT: MATRIX CT SYSTEMS

Increasingly, computed tomography (CT) is being integrated into various production processes because of its precision and speed. Completely contactless, the CT is measuring the workpieces in a short amount of time and provides further important information. The MATRIX CT systems are perfectly matched to this. With their flexible pins, they can adapt precisely to any individual shape in a matter of seconds, in order to mount the most diverse workpieces form-fittingly and securely. Without time-consuming and cost-intensive retooling of the devices.

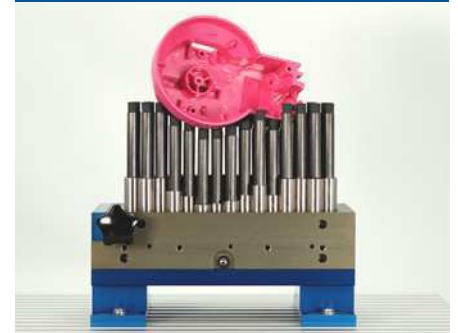
- Set-up within seconds, perfect fixation
- Maximum hold with a minimum force
- No need to produce certain fixtures and their storage
- Ideal for serial and individual production
- Completely maintenance-free



Two strong types – one fits all: X-Support XL 100 CT and X-PAD CT



X-PAD CT



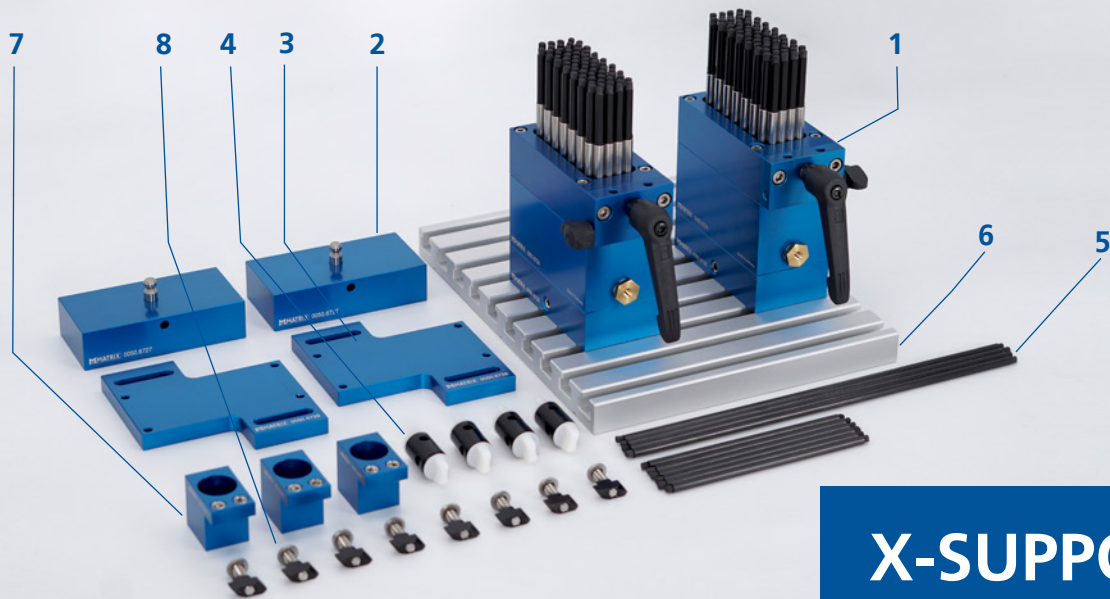
GUARANTEED FLAWLESSLY SCANNING OF EVEN THE MOST DEMANDING WORKPIECES

Even large and heavy components can be fixed securely with the X-PAD CT. You are being provided with a clamping system that enables perfect scanning results and meets the professionalism of your equipment as well as the diversity of the measuring tasks. Above all, it saves you certain expenses for fixtures and their storage.

X-PAD CT Set

Order No. (complete set) 0060.8840

Img.	Article number	Amount	Description
1	0060.8835	1	Self-shaping workpiece carrier with pins for CT: Carbon fiber pin extension with foam tip Number of pins: 82 Diameter of pins: 15 mm Pin stroke: 30 mm Pin field: 90 x 197 mm Dimension: 120 x 240 x 166 mm (with pins extended)
2	0010.6701	2	Adapter for hold-down clamps
3	0050.3110	4	Fixing elbow for hold-down clamps
4	0050.3111	2	Hold-down set (carbon fiber) 3 x 120mm length 2 x 300mm length
	Optional complement to the set:		
	0050.6727	2	X-Support connecting element, base plate 50 x 100 mm
	0050.7150	2	Base plate
	0900.0200	1	T-slot profile plate 250 x 200 mm



X-SUPPORT XL100 CT



COMPLETE SYSTEM SOLUTIONS FOR SMALL AND LARGE CT TASKS

The MATRIX clamping system X-Support XL 100 CT is a modular construction kit with which workpieces of the most different geometries can be fixed precisely and securely. The high-resolution quality of the thin pins ensures that even the finest contours can be modeled precisely.

This compact system with two MATRIX modules is ideal for CT scans of smaller and longer components.

X-SUPPORT XL100 CT Set

Order No. (complete set) 0050.6760

Img.	Article number	Amount	Description
1	0050.6757	2	Pin extension made from carbon fiber with foam tip Pins: 67 pieces Diameter of the pins: 6,0 mm Pin stroke: 21mm 0050.6726 included
2	0050.6727	2	X-Support connecting element, base plate 50 x 100 mm
3	0050.6728	2	X-Support, base plate for X-Support 50 x 100 mm
4	0050.3110	4	Fixing elbow for hold-down clamps
5	0050.3111	2	Hold-down set (carbon fiber) 3 x 120mm length 2 x 250mm length
6	0900.0200	1	T-slot profile plate 250 x 200 mm
7	0900.0501	1	Clamping brackets for T-slot section plate (1 set = 3 pieces)
8	0900.2501	1	Fastening set (1 set = 8 pieces)



PERFECTLY MATCHED TO A WIDE VARIETY OF CT APPLICATIONS

It doesn't matter if you are having metal components or workpieces made from technological plastics: Thanks to their flexibility, the MATRIX CT systems are suitable for workpieces of the most different composition and shape. This advantage helps you to save time for constantly finding new and special solutions.

- The carbon pins have PE foam tips that are gentle on sensitive surfaces. They are radiable and enable absolutely trouble-free scans even with problematic technological plastics.
- As the only contact between workpiece and MATRIX module is being made through the PE foam tips with very low attenuation coefficient, they can be easily separated from each other throughout the program.
- Reliable repeatability!
Also for serial measurements, MATRIX CT systems guarantee an exact and stable positioning before and during the scan. Every piece will always be fixed in the exact same position. It's not necessary to readjust, as it's common with classic clamping systems. Therefore, the process and the evaluation of the results are sped up and simplified.
- Optionally, hold-down devices for additional fixation of the workpiece can be applied.



The complete MATRIX CT system is available clearly organized in a practical set case. Everything inside. Quickly at hand.