



**PROCESS RELIABLE AND  
FLEXIBLE CLAMPING**  
OF COMPLEX FREE-FORM  
COMPONENTS

## FINALLY, FREE IN FORM AND FUNCTION

You all know this situation: You have a small or medium-sized series of intelligently designed 3D-printed or casting parts in free form without straight surfaces and want to do final machining on them in a processing centre. Perhaps holes or threads still need to be made. Maybe the final contour or functional surfaces need to be created, or the surface just needs to shine more.

### BUT HOW CAN THE PARTS BE CLAMPED?

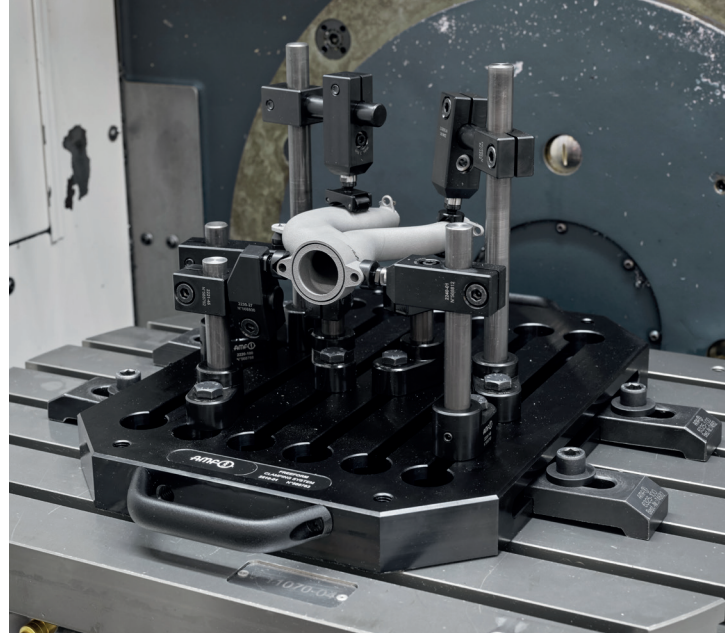
The new construction kit of modular clamping equipment for free-form clamping from AMF is convincing in all matters related to the clamping of small and medium-sized series of freely formed workpieces. It plays no role whether it's used for castings, additively manufactured parts or plastic parts.

Through the endless combination possibilities, all conceivable shapes can be clamped for further processing or finishing on a 5-axis machining centre. Through automatic pre-fixing in every position, handling is simple and practical.

### YOUR BENEFITS AT A GLANCE

- > Simple clamping of any workpiece contour
- > Construction kit system for clamping in a repetition accurate and process reliable way
- > Guaranteed reduction of set-up times, increase in machine run-time and boost your productivity

**PLEASE GET IN TOUCH WITH US!  
WE WILL BE HAPPY TO ADVISE YOU!**



## WITH A SET-UP PLAN AND CAD DATA, CLAMPING IN A SET-UP-TIME OPTIMISED, REPETITION ACCURATE AND PROCESS RELIABLE WAY

The system permits clamping in different axial directions. To achieve this, users have linear sliders and cross sliders as clamping elements. These can be optimally combined with all support and compression pieces. All elements are made of nitrided tool steel and have a black oxide finish.

The revolutionary and globally unique clamping equipment kit of more than 60 parts is supplied in a convenient case which can be ideally integrated into production workplaces.

Besides free, manual set-up, the clamping fixtures can also be designed in advance together with a set-up plan and the corresponding CAD system.

All individual components are available as CAD data for digital work preparation via CAD/CAM programming.

AMF provides the corresponding data for the individual components for downloading and entering into the system.

**YOUR SPECIALIST IN CLAMPING  
AND AUTOMATION TECHNOLOGIES  
BENEFIT FROM OUR EXPERIENCE!**



ZERO-POINT-SYSTEMS



HYDRAULIC  
CLAMPING SYSTEMS



VACUUM  
CLAMPING SYSTEMS



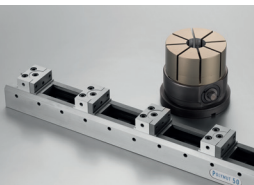
MAGNETIC  
CLAMPING SYSTEMS



WIRELESS SENSING  
SYSTEMS



GRIPPER



SINGLE AND MULTIPLE  
CLAMPING SYSTEMS



STANDARD  
CLAMPING ELEMENTS



MARKING AND  
CLEANING TOOLS

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CLAMPING**



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