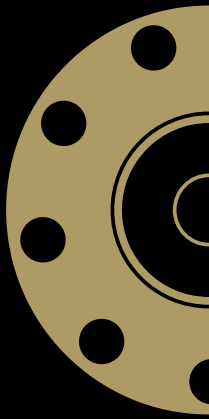


INNOVATIVE CLAMPING SYSTEM



FASTMILL.IT

FASTMILLUSA.COM

Advantages

Increased productivity, decreased production costs and flexibility in operations are concrete purposes, directly measurable by adopting a system which is able to exceed industry expectations in a short time. Thanks to its easy-to-use products, FASTMILL® ensures a rapid return on investments by standardizing machining processes of complex elements too.

CLAMPING TIME REDUCTION

During CAD or CAM programming, it is possible to choose where to mount FASTMILL® elements on the workpieces, and eventually on the machine table; this allows to arrange everything without interrupting machining processes.

HIGH CLAMPING FORCE

FASTMILL® modules are designed to tolerate extremely high axial and radial loads. Permissible loads depending on the type of application are mentioned in the user manual.

MAXIMUM ACCURACY IN REPOSITIONING

FASTMILL® is developed and manufactured in stringent temperature and humidity controlled environments to guarantee system accuracy both in dimensions and positioning repeatability.

PRECISE POSITIONING REPEATABILITY

Tolerances of all FASTMILL® parts have been defined to ensure a positioning accuracy that avoids any waste of time in moving the workpiece after clamping.

SYSTEM FOR WORKPIECE REPOSITIONING WITHOUT TENSIONING

FASTMILL® offers a patented solution to work pieces after they have been thermally processed, and ensures the repositioning and clamping without applying stress on even finer, smaller work pieces.

Setup time reduction

PLANNING - CAD/CAM

Planning and finalize the best clamping solution during your CAD/CAM process. 3D Model of the whole range available.



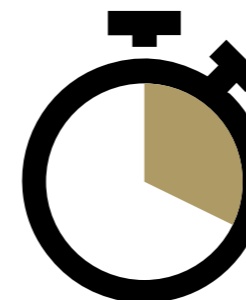
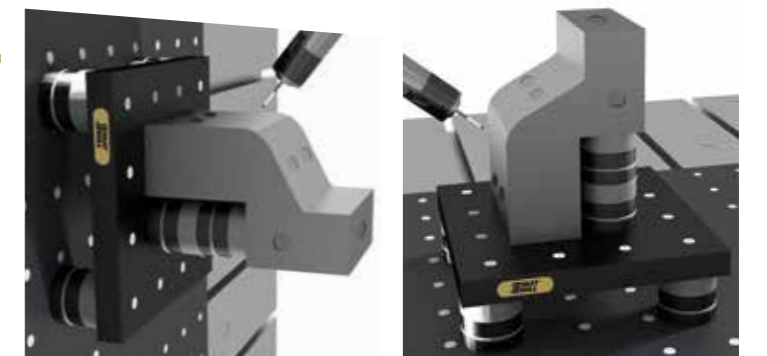
ROUGHING DEEP HOLES DRILLING FINISHING / EDM - CMM

Five free faces of the work piece can be machined without interference. Less set up needed. Easy to coupling and easy to rise up.



NO CLAMPING LIMITS

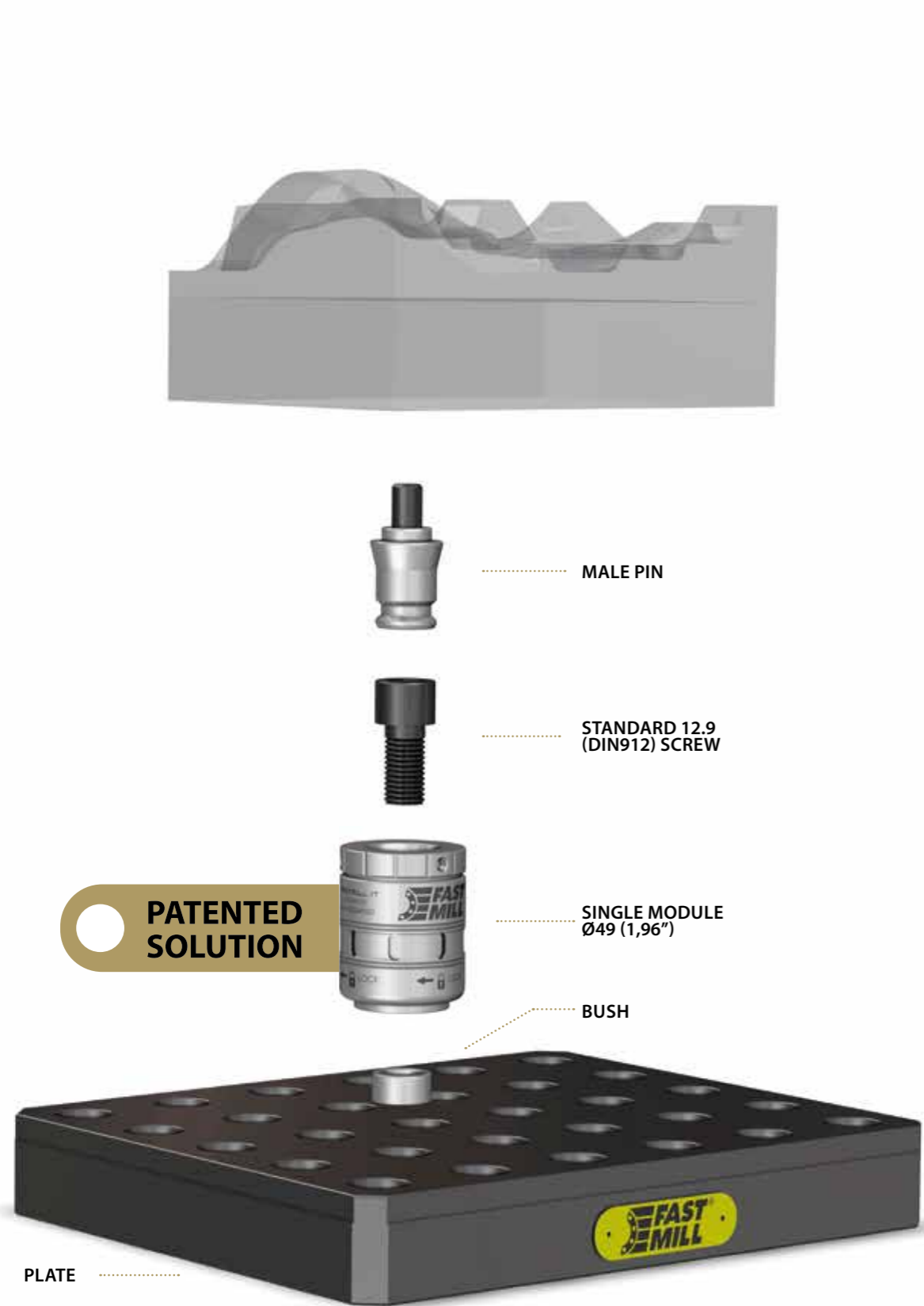
Workpieces free positioning from vertical to horizontal (0°-180°).



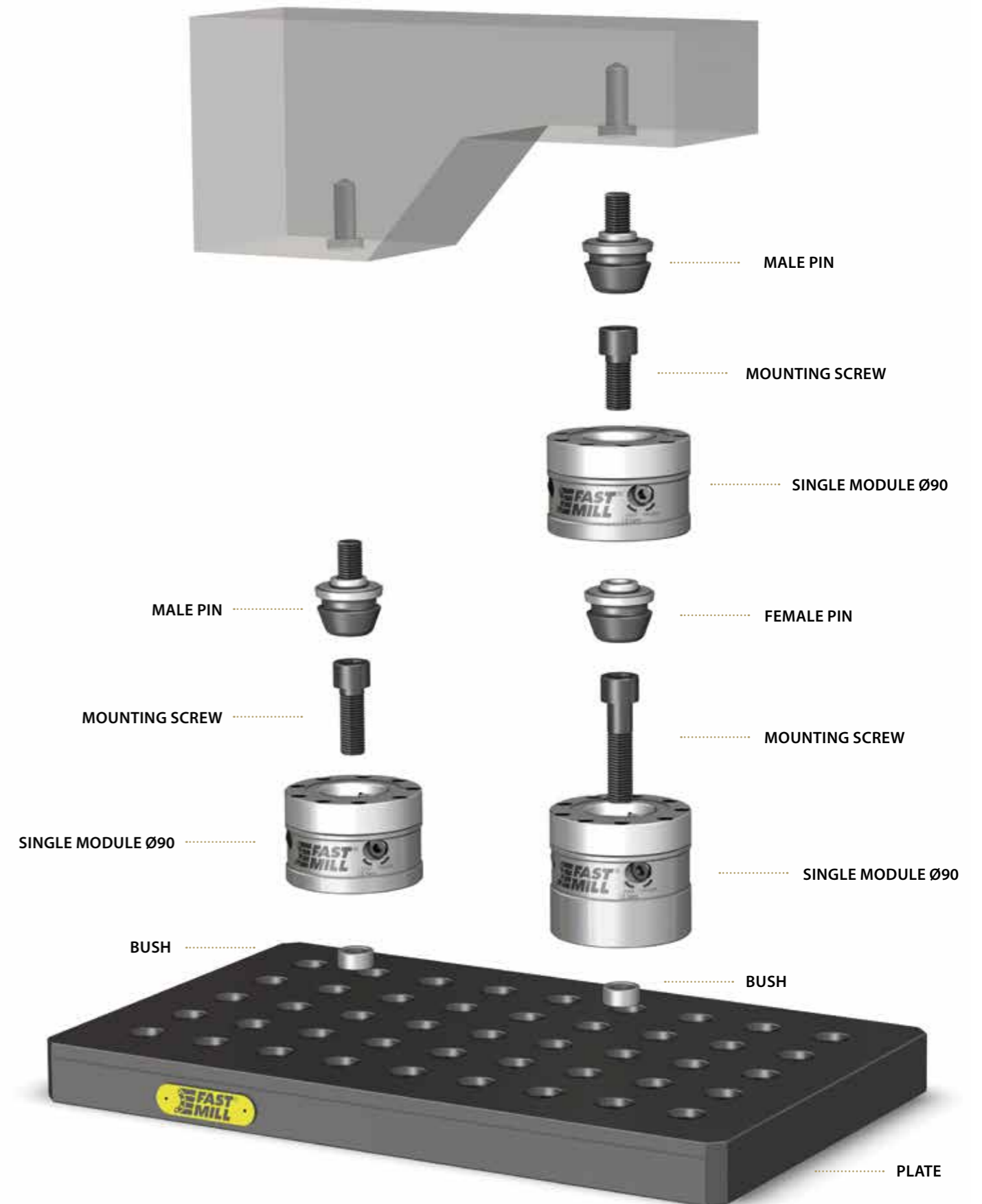
PRODUCTIVITY INCREASE

≥ 30%

Single modules Ø49 combination example



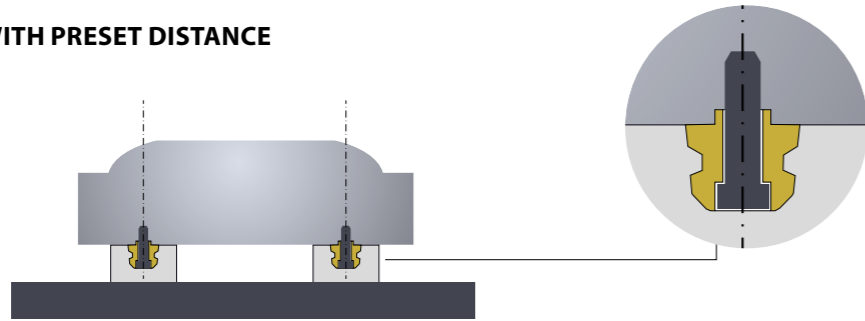
Single module combination example



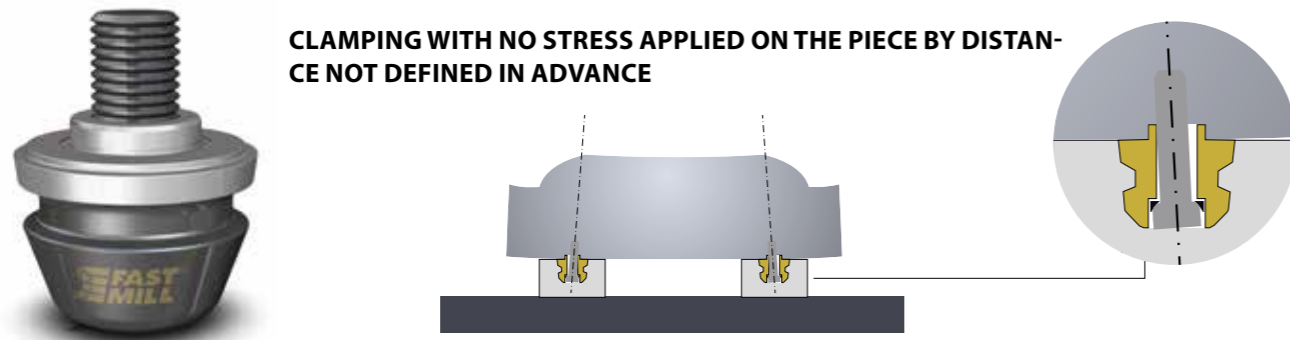
FLOATING PIN (H PIN) : PATENTED SOLUTION

Innovative solution for workpiece re-positioning with no stress applied on the piece.

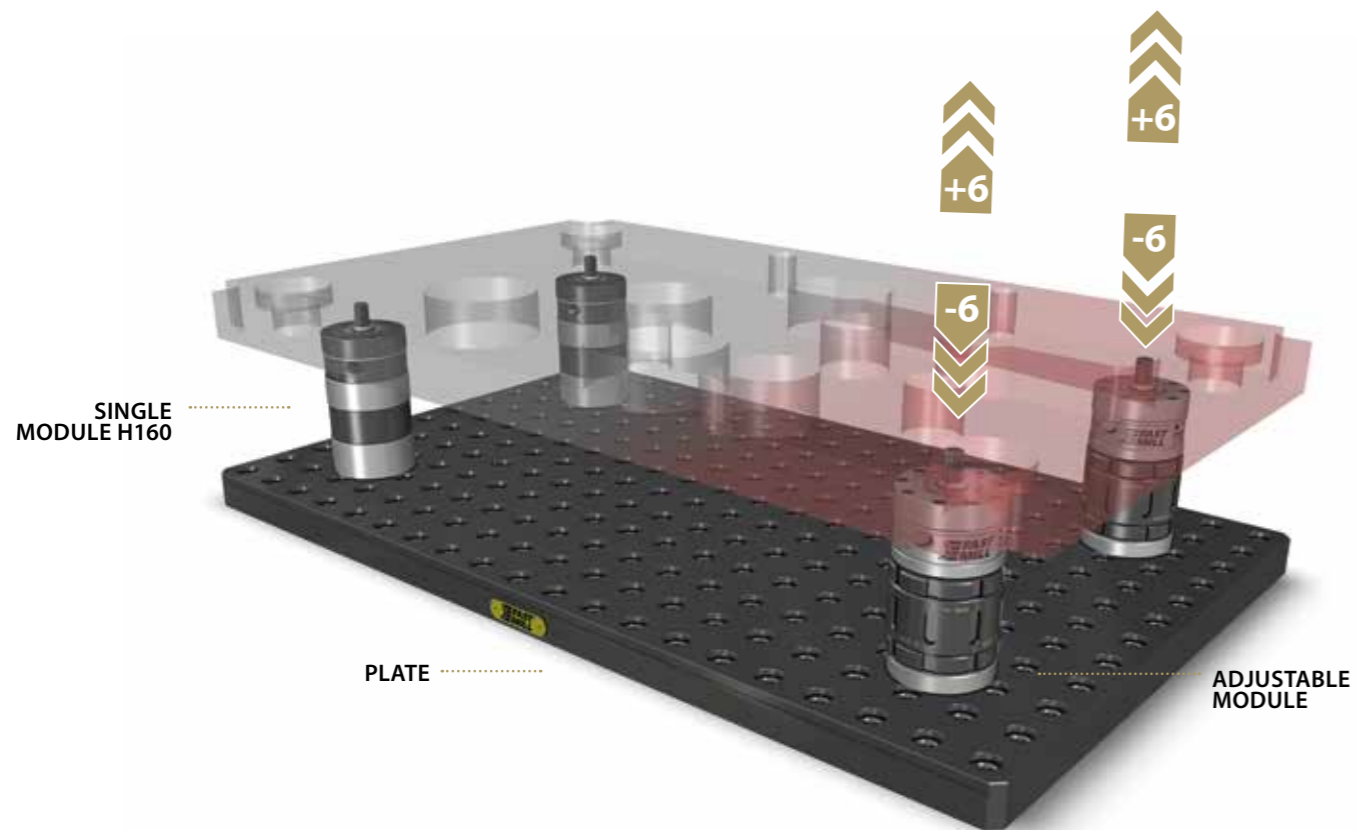
CLAMPING WITH PRESET DISTANCE



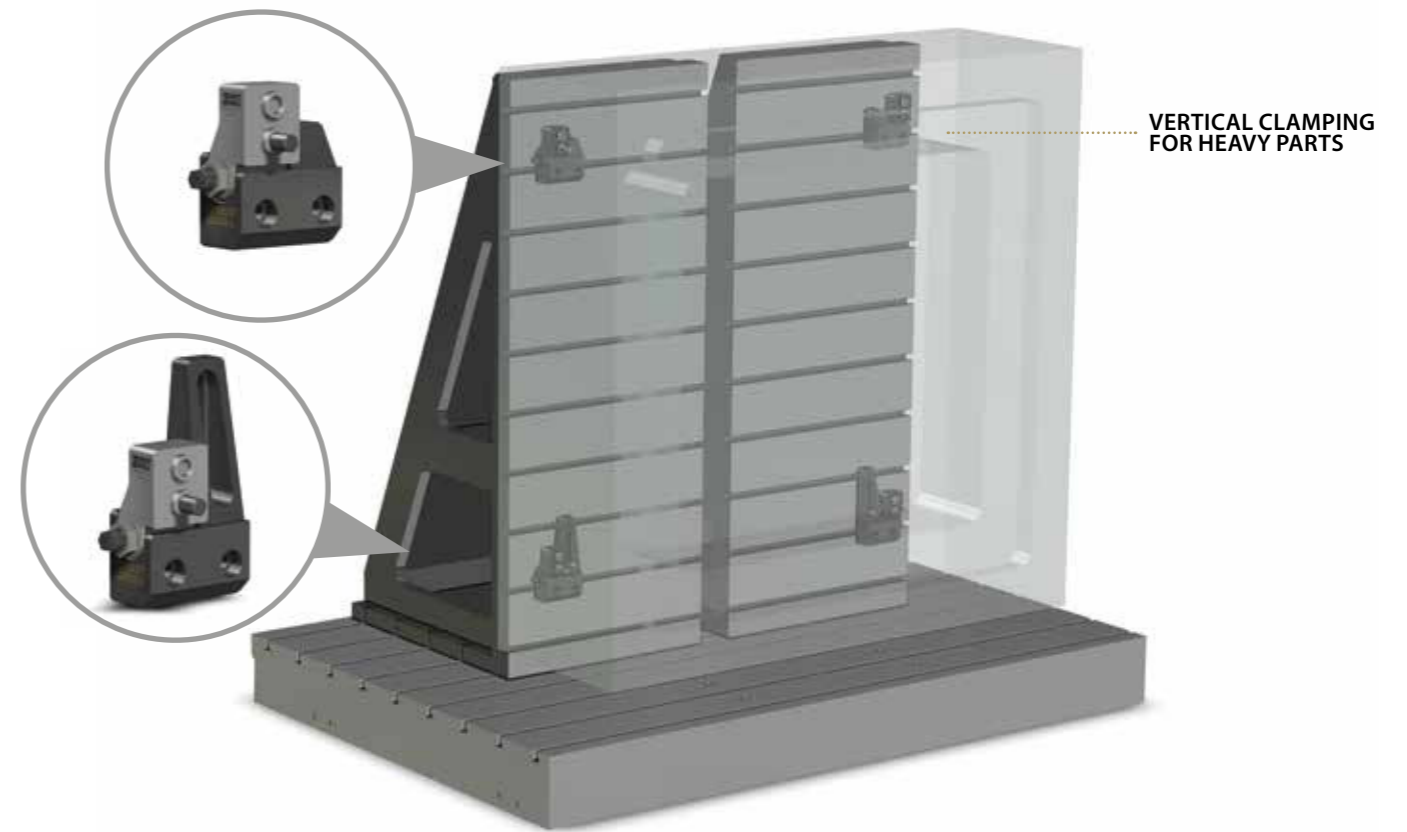
CLAMPING WITH NO STRESS APPLIED ON THE PIECE BY DISTANCE NOT DEFINED IN ADVANCE



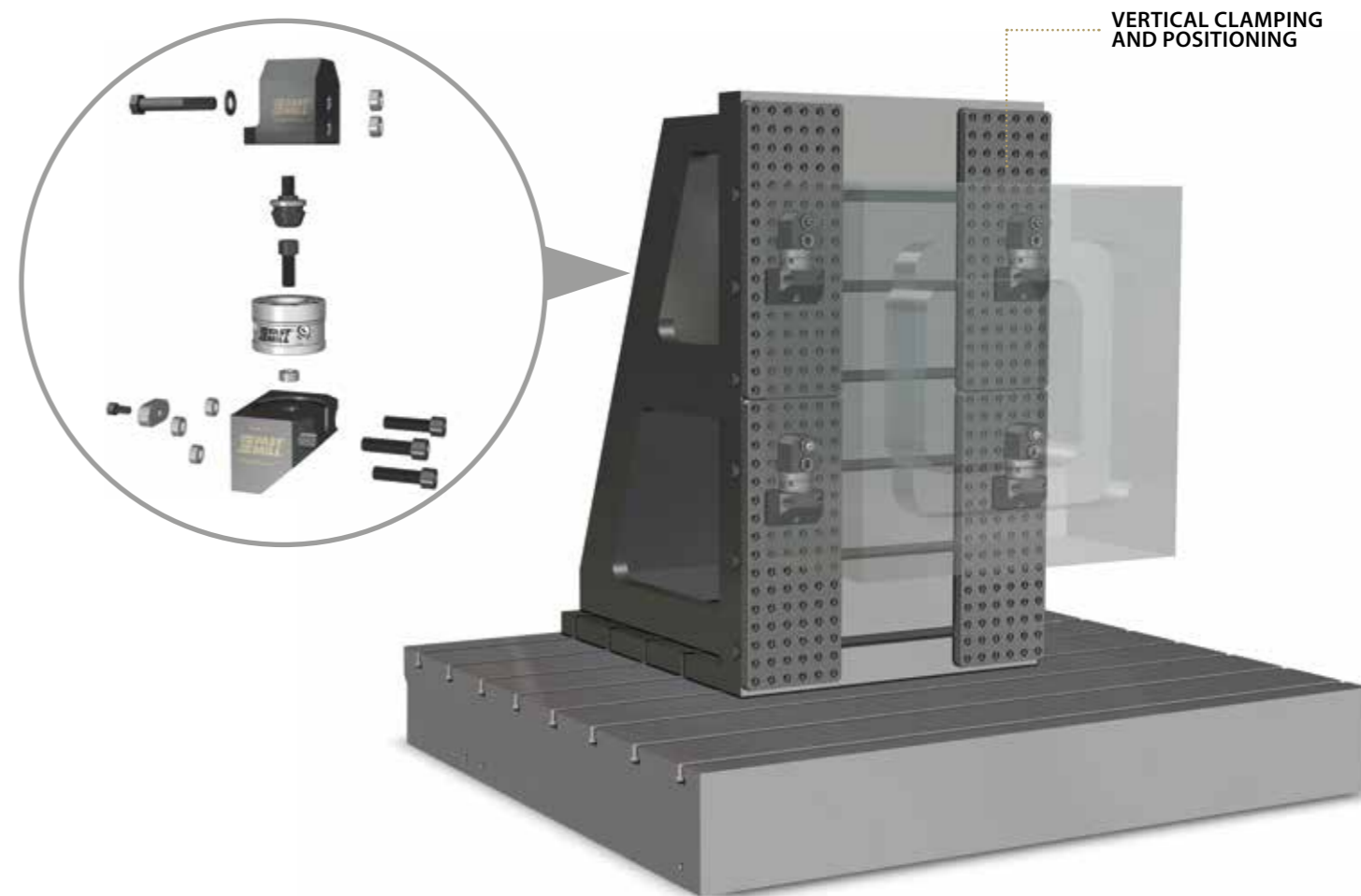
Adjustable module Ø90



Vertical clamping for HEAVY PARTS set



Vertical clamping and POSITIONING set



Third clamping point set + Magnetic System



Third clamping point set + Magnetic System



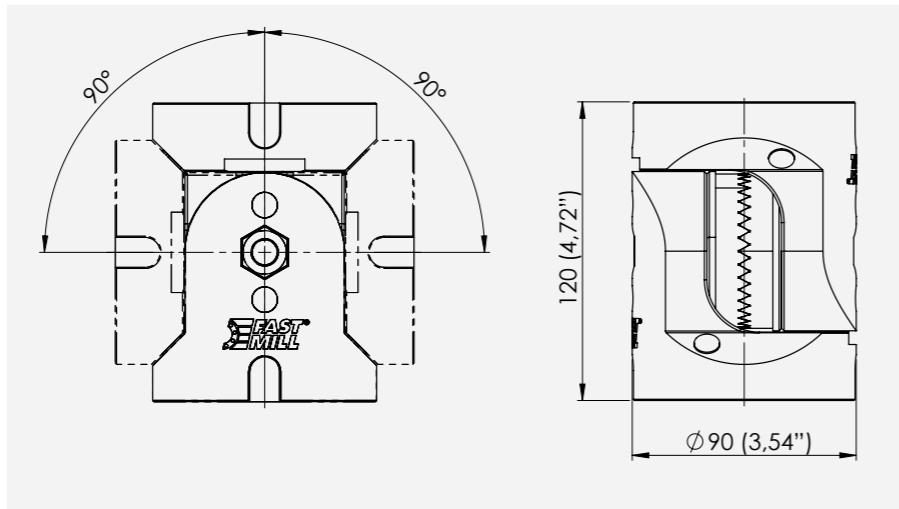
ADVANTAGES

- Can be positioned in all directions
- Push & Pull micro regulations
- Quick Set Up
- Strong & Stiff
- No vibration
- Extendable
- Clamping force 1 ton
- For all types of magnetic surfaces

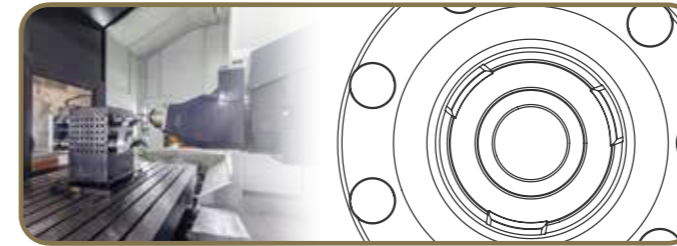
Adapter M24 > M64



Tilting module Ø90 with 10° hirth



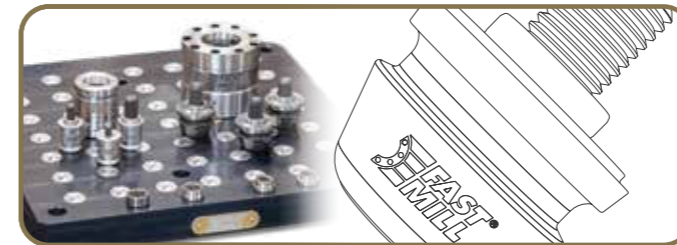
Products



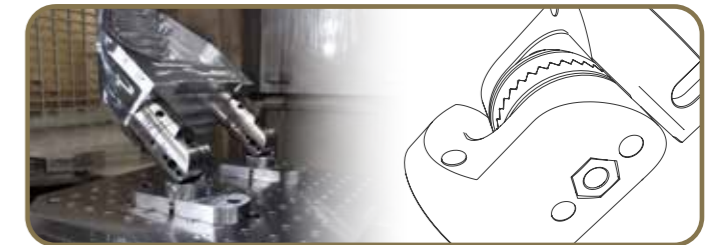
MODULES



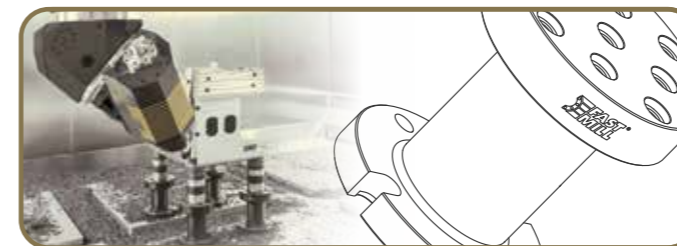
MINI RANGE



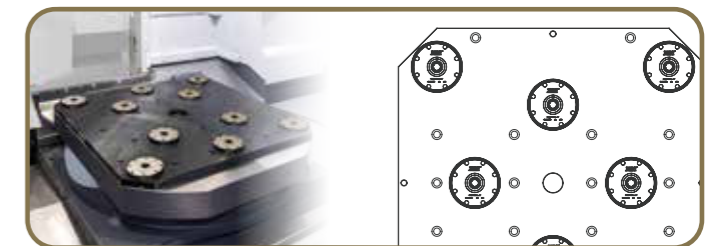
PINS AND BUSHES



TILTING



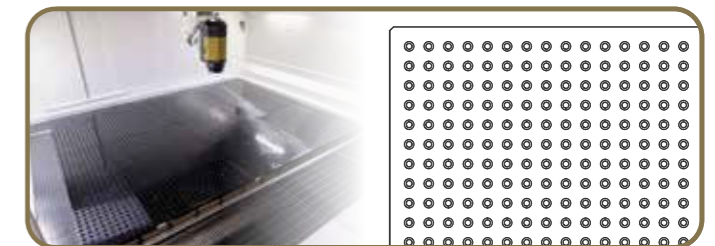
RISERS



FAST MILL ZERO



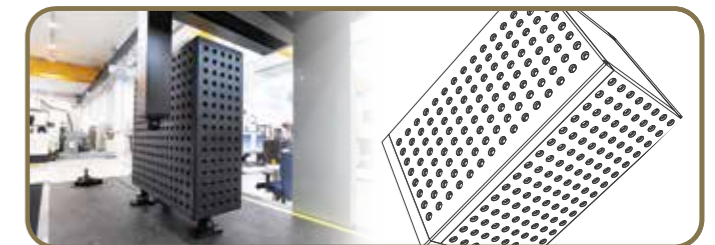
SPACERS



PLATES



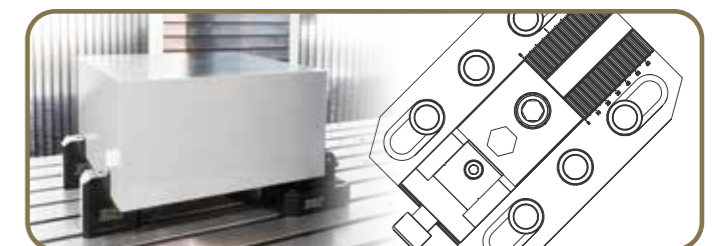
THIRD CLAMPING POINT



CUBES



VERTICAL CLAMPING






CLAMPS



FASTMILL WORKS IN A VARIETY OF INDUSTRIAL SEGMENTS THANKS TO THE GREAT VERSATILITY OF ITS **PHILOSOPHY**. DESIGNED TO MEET THE NEEDS OF EVERY CUSTOMER BY MODULAR AND SMART **CLAMPING IDEAS**.



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