

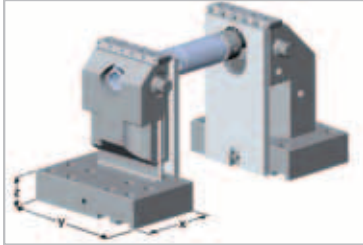


Increasing Solutions for 5-Axis Clamping

CLAMPING & HEIGHT SETTING

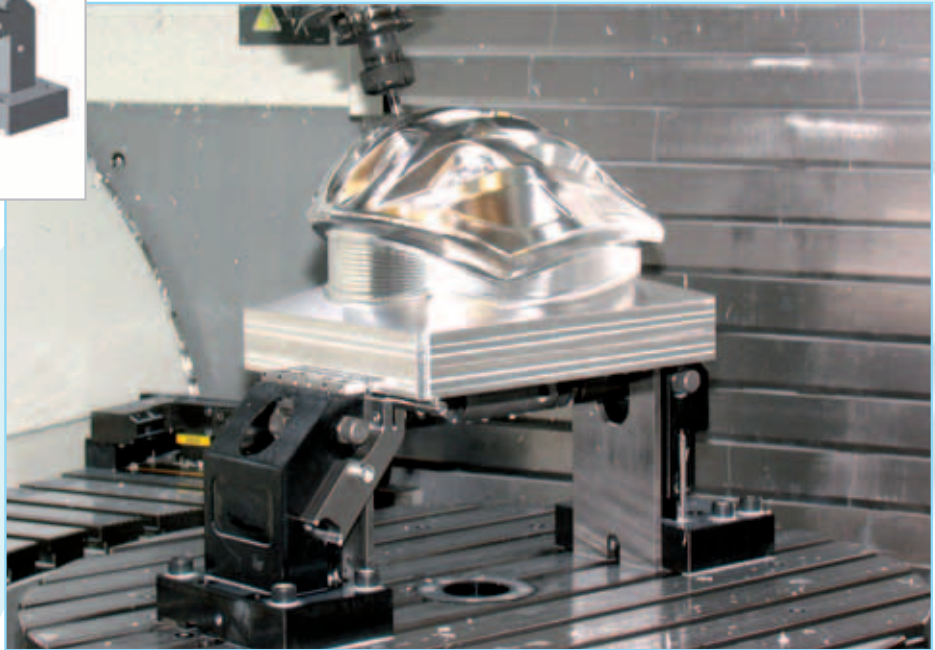
1246-47

Maximise tool access for your 5-Axis Clamping applications - Wixroyd introduce two new clamping solutions for 5-Axis machining.



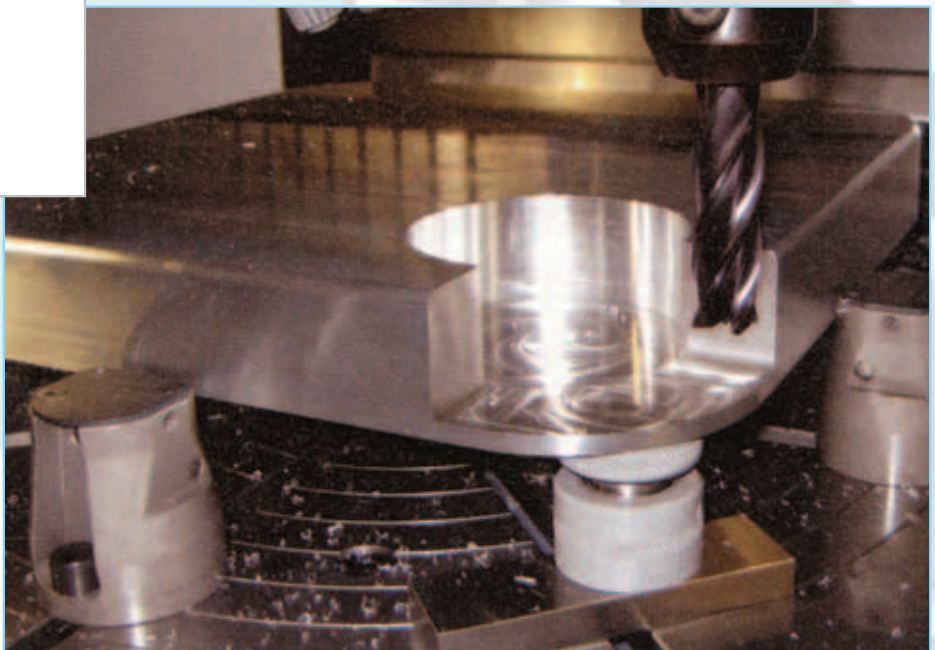
1246 5-Axis Clamping Vise

- ⊙ Max. clamping rigidity
- ⊙ Clamping force upto 40kN
- ⊙ Flexible clamping
- ⊙ Max. tool access
- ⊙ T-slot and grid based



1247 Edge Clamp

- ⊙ Compact
- ⊙ Easy to use
- ⊙ Clamping force upto 12 kN
- ⊙ T-slot and grid based



Wixroyd 5-Axis Clamping Vise



1246



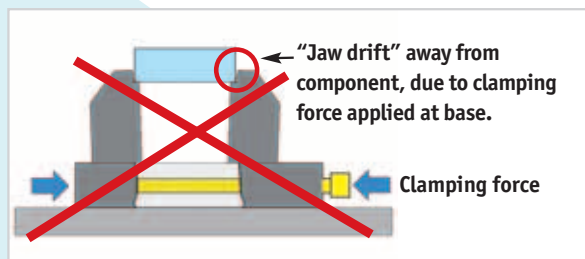
CLAMPING & HEIGHT SETTING

INCREASING SOLUTIONS FOR 5-AXIS MACHINING

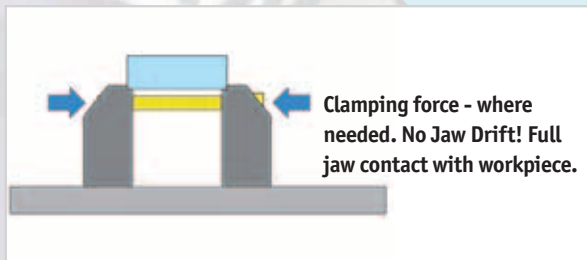
The growing popularity of 5-Axis Machining has made increasing demands on the suitability and flexibility of clamping and workholding solutions. Wixroyd introduces a new 5-Axis Clamping Vise designed to address and overcome the issues surrounding the clamping of components for 5-Axis machining.

THE OLD WAY ...

One of the key issues for 5-Axis clamping is to maximise tool access around and underneath the workpiece, while maintaining clamping force at its maximum. Many so called 5-Axis solutions have to date relied upon applying the clamping force at the base of workpiece. This unfortunately results in a "drift of the jaws" away from the workpiece, as the clamping jaws are pulled away from the clamping contact point - hence clamping force is greatly reduced.

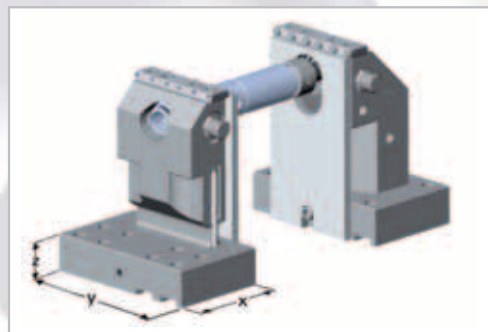


THE NEW WAY ... CLAMPING FORCE RIGHT WHERE IT'S NEEDED - AT THE WORKPIECE!



The new Wixroyd 5-Axis Clamping Vise solves the problems of "jaw drift" and still provides maximum tool access around and underneath the workpiece.

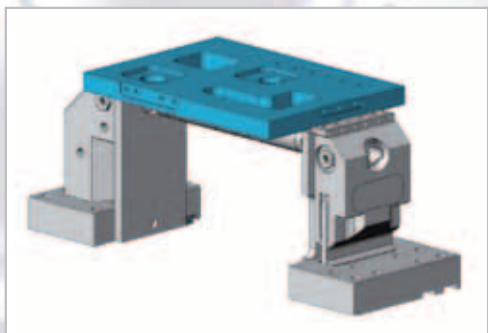
The modular design of the 5-Axis Clamping Vise enables clamping at varying heights, and clamping of components of varying widths. In addition the vise has inter-changeable mounting blocks so it can be used on T-slot machines and grid plates of varying sizes. Please refer to product table for details.



1246 - 5-Axis Clamp System

WIXROYD'S 5-AXIS CLAMPING VISE - ADVANTAGES:

- ⊗ Clamps at the workpiece, not the machine bed - hence no pulling of clamping jaws away from the work piece. Full contact & maximum clamping force maintained through out machining.
- ⊗ Maximum clamping rigidity, especially on larger components
- ⊗ Maximum clamping force, upto 40kN
- ⊗ Flexible clamping range of 20 to 230mm width
- ⊗ Maximum tool access to component surface for machine head
- ⊗ Reduce necessity for 2nd, 3rd or 4th operation clamping
- ⊗ Flexible clamping system, for use on a range of components
- ⊗ Easy to operate and durable



1246 - Machining on 5 sides with one single clamping operation