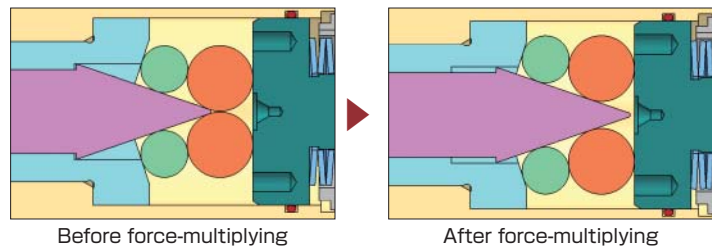


MACHINE VISES [FEATURES]

TSUDAKOMA'S INNOVATIVE MECHANISM AND FULL LINEUP GUARANTEE HIGH RIGIDITY AND HIGH ACCURACY

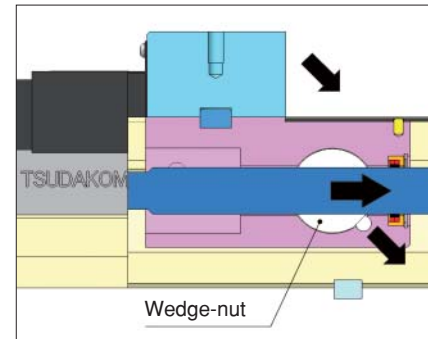
Easy to Operate Force-Multiplier Mechanism (Vi, Vis)

The center rod moves by turning the handle. The pushing force is multiplied through the small and large rollers, and is transmitted to the movable jaw, then stable and strong clamping torque is achieved. The turning torque of handle can be low, so a small handle is sufficient. The simple mechanical force-multiplier mechanism assures maintenance-free operation.



Wedge-nut Mechanism to Prevent Float of Workpiece (Vi, Vis, VP)

The wedge-nut assembled in vise screw pulls the movable jaw to downward direction in proportion to the clamping torque to prevent the workpiece from floating.

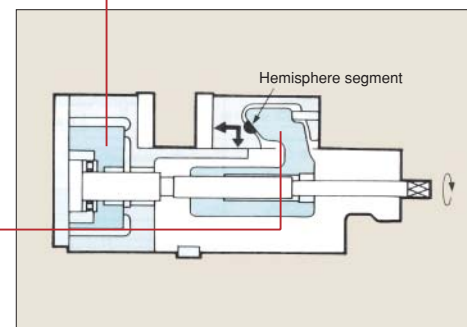


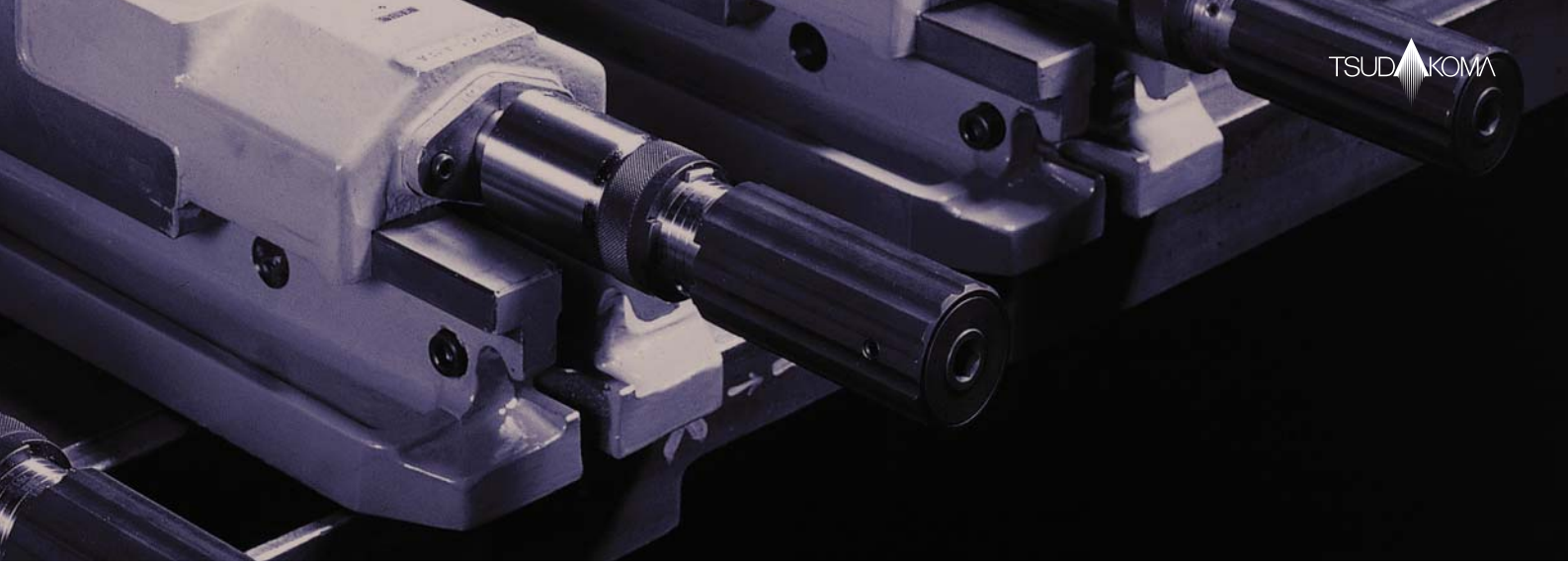
New Back-up Mechanism to Prevent Slant of Fixed Jaw [Patented] (VF, VJ)

The slant and slide of the workpiece in clamping direction can be minimized, and high clamping accuracy is achieved.

Hemisphere Segment to Prevent Float of Movable Jaw (VF, VJ)

The floating of the slide block can be solved.





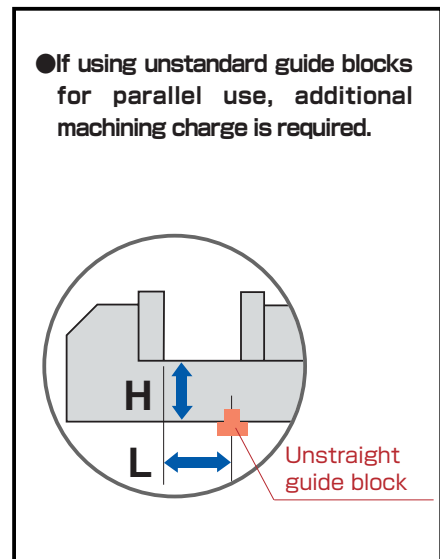
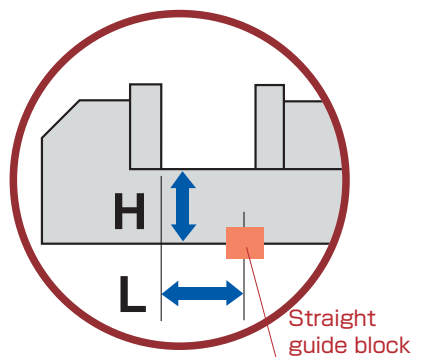
Strong Frame and Tempered Sliding Surface Guarantee High Rigidity and High Accuracy (Vi, Vis, VF, VH, VJ, VB-400, VP)

The tempered frame minimizes the arching when clamping.

High Accuracy [Parallel Vise System] (Vi, Vis, VF, VH, VR, VG, VJ, VP)

In case of same models with same marks ("R" or "S"), parallel use is possible.

TSUDAKOMA machine vises are adopting "Parallel Vise System" to maintain each tolerance of H-dimension and L-dimension within 0.01 mm. The H-dimension and the L-dimension are two important dimensions of a machine vise. The H-dimension is the height to the sliding surface where workpiece is set, and the L-dimension is the distance to the guide block which is the reference when a machine vise is installed on a machine tool.



Tolerance of H-dimension and L-dimension are within 0.01 mm.

※In case of parallel use with your existing vises, please contact TSUDAKOMA.

Market Leader TSUDAKOMA Guarantees High Accuracy (All Models)

TSUDAKOMA guarantees high accuracy of its machine vises for all models.