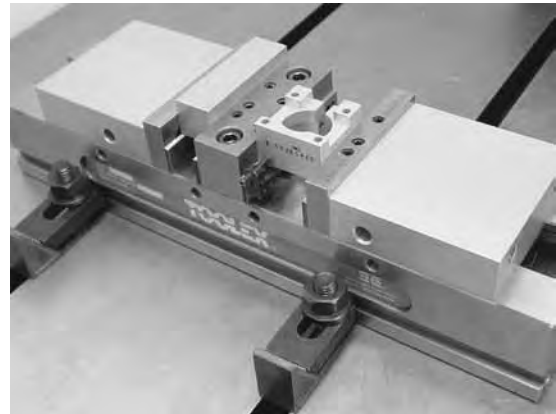


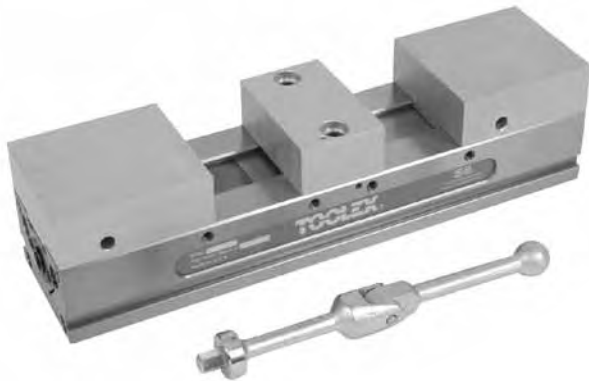
ReLock® Modular Workholding System

The ReLock Vise System combines high manufactured tolerances with unequalled versatility in providing two-station and eight-station production vises. ReLock CNC vises, available with machinable soft jaws, hard jaws, master jaws and parallels, or fixture plates, allow the machinist a variety of configurations with the same vise. Bodies are manufactured from 80,000 PSI ductile cast iron, and ways are flame hardened and ground to accuracies of $\pm .0005$. Manual and hydraulic two-station and eight-station vises are available in widths of 4", 6" and 8".

- **Reduce setup times:** The system's SnapLock feature allows you to change or index jaws in a matter of seconds.
- **Extremely versatile:** Offers the most comprehensive array of jaws and accessories available for vertical or horizontal machining applications.
- **Accurate and durable:** Designed and precision manufactured from high grade materials to meet today's extreme accuracy and durability requirements.



TOOLEX®



Features and Benefits

Optimized Table Space

Compact modular design allows a multitude of mounting configurations. Vises can be mounted close together without hindering removal or attachment of jaws. The ReLock 8-station (shown) is ideal for horizontal machining centers, as well as with rotary indexers on vertical machining centers. The unibody design makes it lightweight, compact and extremely rigid.



Auto Offset Mechanism

Exclusive automatic offset mechanism allows non-simultaneous work piece clamping and unclamping to one of three optional offset settings: 4" and 6": .030", .125", or .250"; 8": .125", .250", or .375." The offset setting is the distance the rear jaw backs away from the work piece before the front jaw begins to back away from the work piece.



Locating and Mounting

Locating and mounting options are simple and accurate. The bottom surface of the system has four precision dowel pin holes for locating and four drilled and counter bored holes drilled through from the top surface for rugged mounting. Side toe clamp slots are also incorporated for mounting. See page 193 for mounting and locating information for 8-station vises.



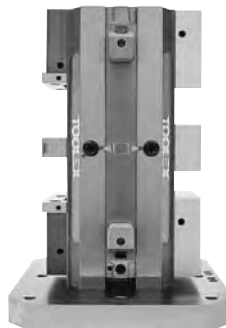
SnapLock Knuckle

Exclusive SnapLock Knuckle allows SnapLock soft jaws and SnapLock carrier jaws to be attached and removed in seconds. The knuckle's angle notch engages with the jaw's pressure pin, eliminating jaw deflection.



ReLock Chip Shields

ReLock's unique three-piece telescoping chip shield wraps completely around the SnapLock knuckles, keeping chips from getting into the vise's clamping mechanism. Shields can be quickly and easily removed for maintenance purposes.



Center Jaw Location

The ReLock's center jaw locating studs allow quick jaw mounting and indexing to accuracies of $\pm .0005$ ". Fool-proof pin eliminates the possibility of the jaws being accidentally mounted in reverse.



Single Station Conversion Plate

Used in conjunction with SnapLock carrier jaws, the conversion plate allows the ReLock system to be converted from a double to a single station vise – ideal for larger work pieces. See page 167 for the 2-station version. For 8-station version, see page 170.

