



TriLock with CARVESMART, now available in 6-inch, 4-inch and Cluster Tower designs

TriLock Vise Features

- » 3-in-1 vise design saves time and money.
- » TriLock vises can be torn down for cleaning in minutes.
- » Choose the CARVESMART jaws you need including: hard jaws, soft jaws, edge-gripping jaws and more.
- » CARVESMART jaws come in multiple sizes and can be ordered in bulk lengths.
- » Existing Kurt bolt-on jaws can still be used by reversing the movable jaws and using cap screws.
- » TriLock vise is also available in a 4-inch model.

Introducing the Kurt TriLock Vise with CARVESMART™

Kurt has a new double-station vise with 3-in-1 TriLock design—allowing two additional single station vise sizes—and quick-change jaws.

The TL6CS TriLock with CARVESMART™ 6-inch vise has a revolutionary design that transforms into three different vise sizes in minutes and can be completely disassembled for cleaning or setup in under 3 minutes. Patented CARVESMART jaws mount using a dovetail system that locates precisely with every jaw change and hold parts as solid as any bolt-on jaw. New for 2024, the TriLock with CARVESMART design is now available in Cluster Towers and 6-inch and 4-inch vise models to fit more machines and applications.

TL6CS 3-in-1 TriLock Design

The TriLock design does the work of three vises in a single vise model and converts quickly between a double-station vise with as much as 4-inches of part capacity on each side, a single-station vise large enough for a 4-inch part or a large single-station vise that can hold parts as large as 11 inches wide with stock hard jaws. The friction block or “Third Hand” feature allows the nut and screw assembly to move freely within the base of the vise while making vise-size changes or cleaning. A special friction block setting allows operators to change vise configurations while mounted in horizontal machines.

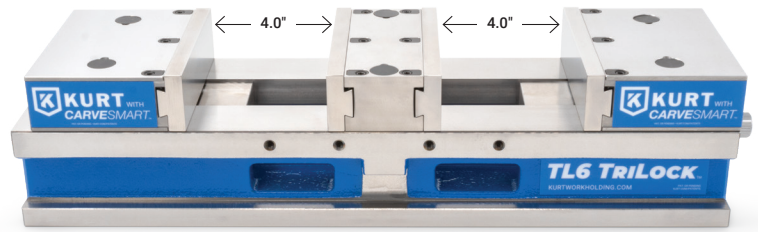
Tear down and clean up in a snap

Remove a few screws, unbolt the stationary jaw, snap off the movable jaws and the nut and screw assembly slides out of the vise body for fast setups or cleaning. Easy disassembly makes regular cleaning and maintenance a snap—the disassembled vise is also a lot lighter—a single operator can place it in a machine, move it and mount it, then reassemble it in place.

Multiple jaw options and profiles

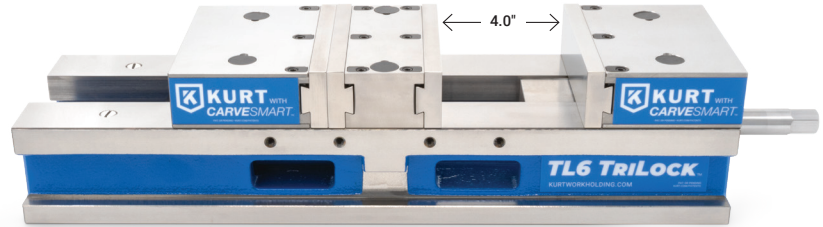
TL6CS TriLock models come stock with CARVESMART movable and stationary jaws. Three right-hand left-hand differential screws on the top of each jaw surface quickly clamp or release the dovetail jaw plates. The TL6CS ships with aluminum machinable soft jaw plates. Additional jaw plates can be purchased separately. Choose from hard jaws, machinable soft jaws in aluminum and steel options, and edge-gripping jaws—including our popular flippable CARVESMART Grip-N-Rip jaws. CARVESMART jaws are available in a range of material options and sizes, including: 4-inch, 6-inch and 8-inch pre-cut widths with 5 profile options. Jaw extrusions can also be purchased in 31" and 94" bulk lengths.

Standard Double Station



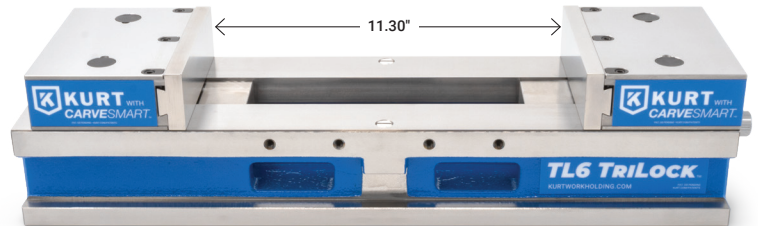
(shown with optional .5" hard jaws)

Small Single Station



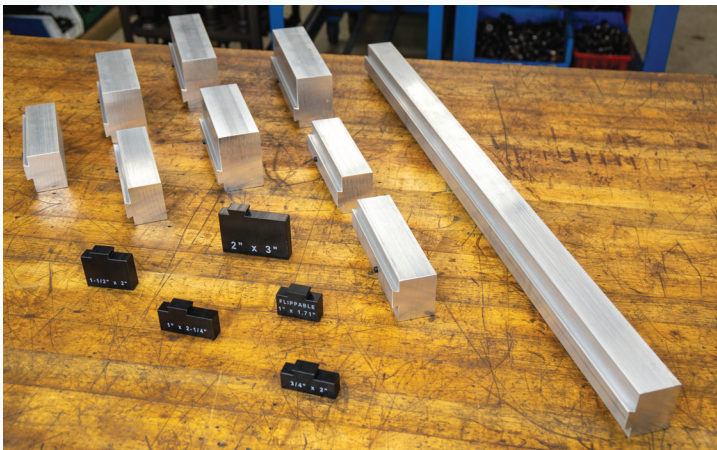
(shown with optional .5" hard jaws)

Large Single Station



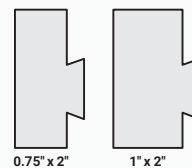
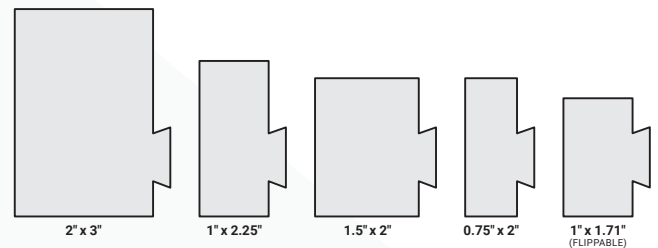
(shown with optional .5" hard jaws)

CARVESMART QUICK-CHANGE JAW OPTIONS




6061 Extruded Aluminum Jaws

Aluminum jaws are available in five profiles and several pre-cut lengths with SmartStops including: 4", 6", and 8" sizes. Also available in 31" and 94" lengths for custom sizing.



1018 Steel Jaws

1018 cold rolled steel jaws are available in two profiles and several pre-cut lengths with SmartStops including: 4", 6", and 8" sizes. Also available in 31" lengths to cut to any size. 



Kurt Manufacturing // A Full-Service Multi-Divisional Manufacturer since 1946

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