

**Kurt PFA620  
5-Axis Vise**

## FEATURES

- » Remote vise actuation with a Kurt FLR and a hand or foot switch (sold separately)
- » Connects to shop air source
- » Fast, pneumatic actuation
- » 3.5 inch rise allows easier 5-sided part access
- » Quick-change carvable jaws snap on and off without tools

**The new Kurt PFA620 Pneumatic Self-Centering Vise is shop-air actuated and setup for turn-key automation. Perfectly sized for 5-axis machines or for a multiple-vise setup in a larger machine.**

Introducing the revolutionary new air-actuated PFA620 5-Axis vise. Unlike any other pneumatic vise, the Kurt PFA620 allows manual full-stroke adjustment on parts of varying sizes combined with air opening and closing for solid and consistent part holding. Designed to be versatile and user friendly, the PFA620 lets an operator quickly manually clamp a large or small part using the hex screw and handle to set the jaws and then clamp the part with the 1/4-inch pneumatic stroke. This time-saving design speeds setups and changeovers while still allowing for the precision and power of pneumatic clamping.

## Automating a Kurt PFA620 5-Axis Pneumatic Vise



Setting up a semi-automated system operated remotely requires only shop air, a Kurt filter regulator lubricator unit, some tubing and a switch. Additional parts can be added to create a fully automated setup using additional solenoids and a machine tool controller, robot, or PLC.

[kurtworkholding.com](http://kurtworkholding.com)



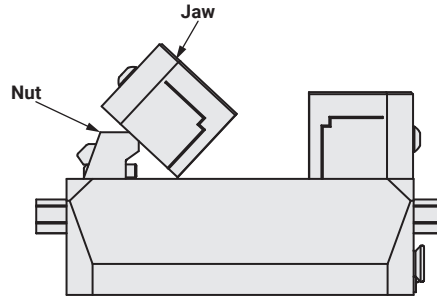
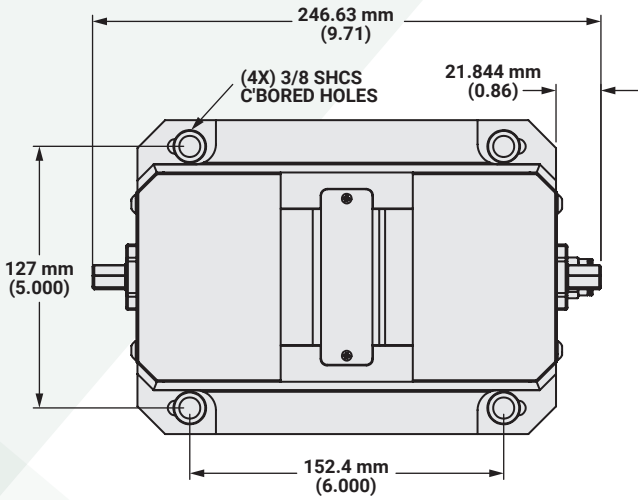
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# Kurt 5-Axis Pneumatic Vise

Pneumatic PSI	Clamp Force (lbs)
50	925
60	1,025
70	1,275
80	1,475
90	1,675
100	1,875
110	2,000

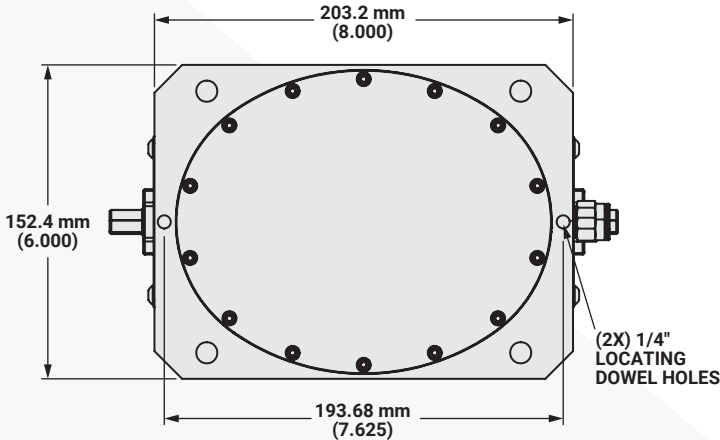
## TOP



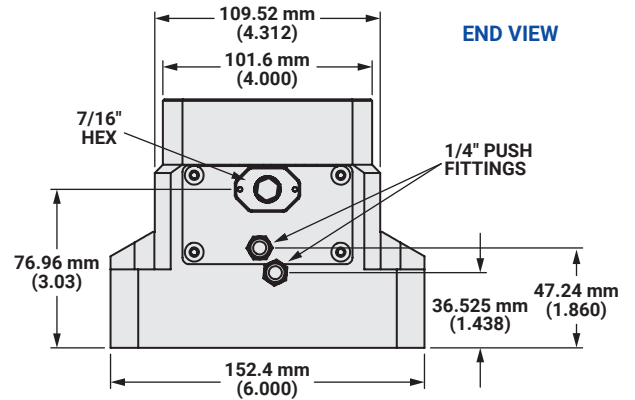
## Quick Change Jaws

The PFA620 includes two carvable quick-change jaws. Jaws easily snap on and off by hand with no tools required. Serrated and dovetail jaws are also available on request.

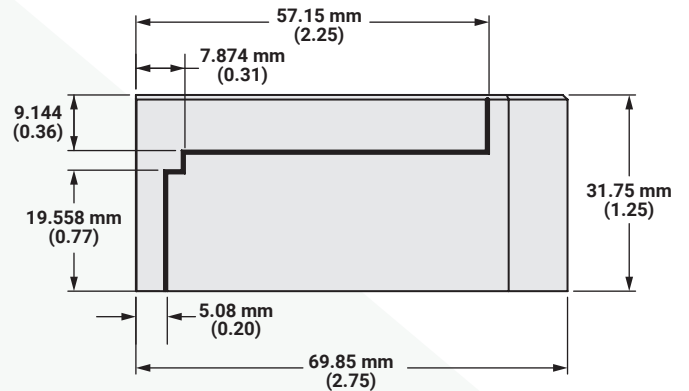
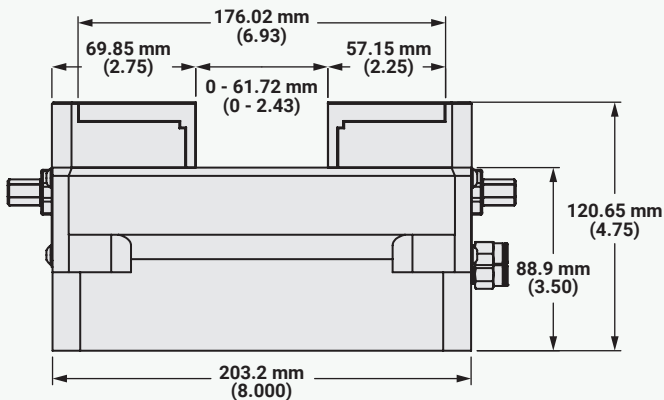
## BOTTOM



## END VIEW



## SIDE



## CARVABLE JAW DETAIL

## Installation & Mounting

The PFA620 vise is mounted using the counterbores machined into the vise body, which are sized for 3/8 SHCS. To locate the vise precisely, two 0.250" dowel holes are also located on the centerline of the bottom surface of the vise body.