

# Special Use Clamps

## 5-C Collet Vise

### Single And Triple Collet

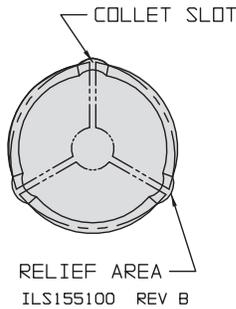
- Compact design, the smallest known footprint in hydraulic collet vises.
- Concentric piston design “pulls” the collet without the potential side loading of two cylinder styles.
- Ideal for secondary operations on “screw machine parts”.
- BHC™ (Black Hard Coated) surfaces provide long life.
- Special “lobed” design reduces the tendency of three jaw collets to stick.
- Through hole design allows you to feed material up to 1.062” diameter through the bottom of the unit by simply removing the plug.



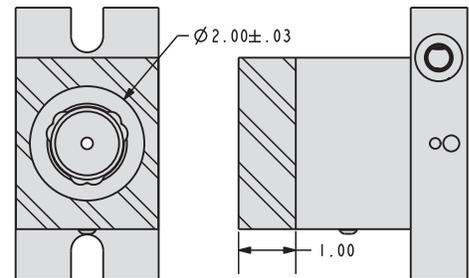
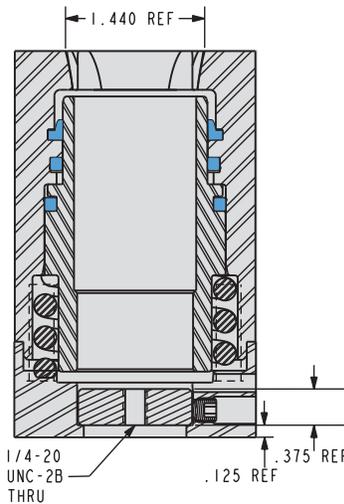
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### Looking for a way to quickly fixture a number of round parts?

Vekttek’s collet vises are an excellent solution. Designed to be flexible and conserve space, they can be ganged to fixture 3, 6, 9, 12 or more parts in a small space. Screw machine parts can be easily secured for speedy secondary operations. It is made to accept all collets designed to fit 5-C closers, even specials. The single, end located port makes plumbing a breeze.



5-C Collets are round in their “Free” or “Open” position and become lobe shaped as they are closed. To reduce point loading and the tendency for collet sticking, Vekttek Collet Vises have relief areas provided for the collet slots. These slots help distribute closing forces more uniformly.



Any locating holes machined into the body must be in the hatched area, outside the 2.00 diameter and not deeper than 1.00 inch.

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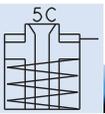
Model No.	Mounting Style	No. of Collet Stations**	Approximate Radial Clamp Force Per Station (lb)*	Approximate Downward Clamp Force Per Station (lb)*	Maximum Oil Capacity (cu. in.)
15-5111-01	Manifold	1	15,000	4950	0.18
15-5119-01	Base	1	15,000	4950	0.18
15-5119-03	Base	3	15,000	4950	0.54

\* Clamp forces are given at 5,000 PSI maximum operation pressure.

\*\* Collets not included.

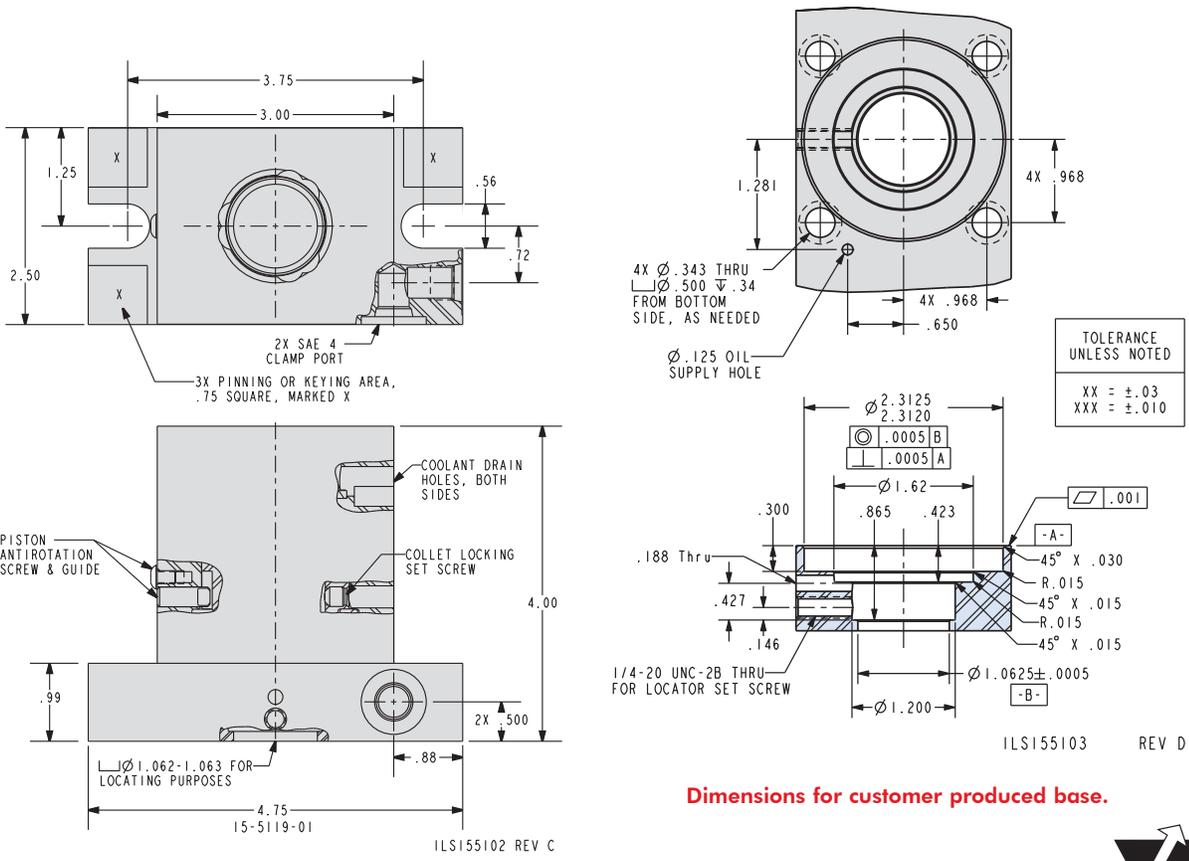
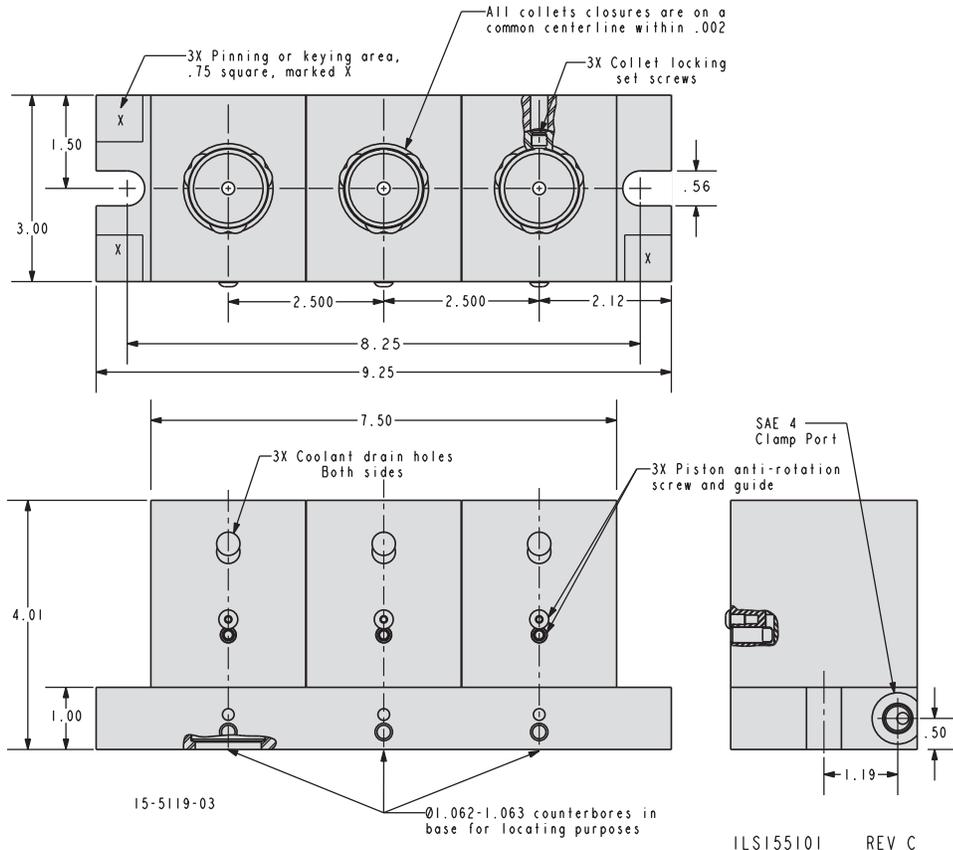


# Special Use Clamps



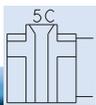
## 5-C Collet Vise

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Dimensions for customer produced base.



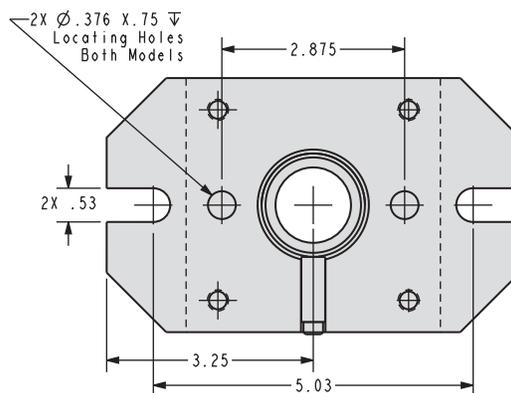
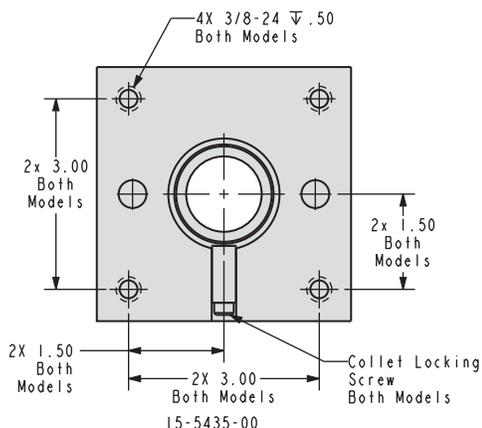
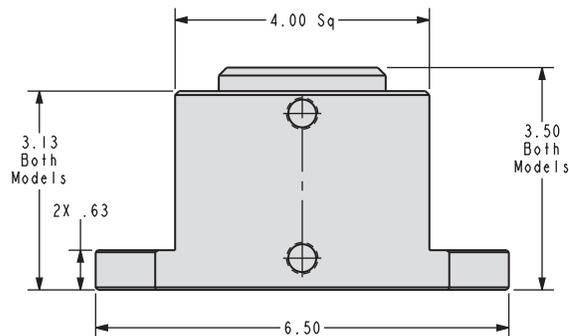
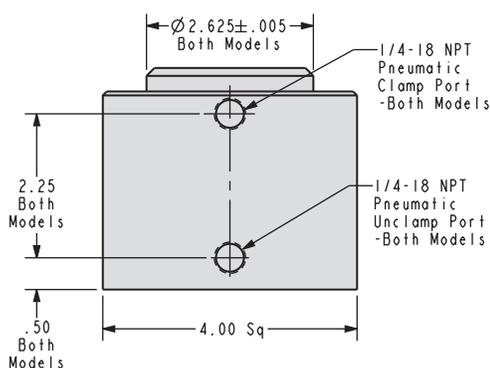


# Special Use Clamps

## Air Powered Collet Vise

### Double Acting Single Collet Styles Only

- Compact design yields 750 lb. collet closing force at 100 psi air line pressure.
- Concentric piston pulls the standard 5-C collet on centerline.
- Available with or without mounting flange for easy fastening from either top or bottom.
- Through hole design allows you to feed bar stock (1.062" maximum diameter) from the bottom of the collet for high production applications.
- Lightweight, only 5 lbs.



15-5435-00

15-5435-01

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Model No.	Base Style	Approximate Radial Clamp Force Per Station (lb)*	Approximate Downward Clamp Force Per Station (lb)*	Weight
<b>Double Acting (D/A) Collet Closer, actuated pneumatically both directions.</b>				
15-5435-00	Square	2250	750	4.5
15-5435-01	Flange Mount	2250	750	5.0

\* 100 psi air pressure with a  $\varnothing$  0.500 collet



NOTE: Do not exceed 150 psi maximum inlet pressure