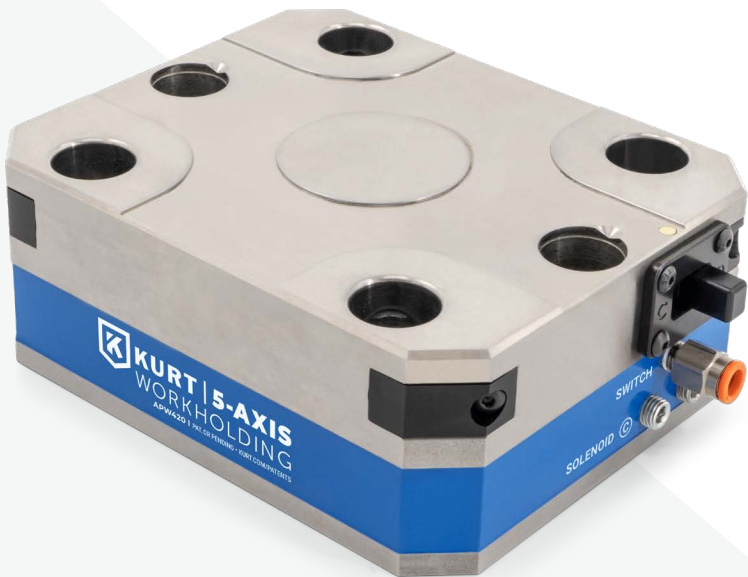




KURT WORKHOLDING

APW420 AIR PALLET

Operating Instruction Manual



ENGLISH

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New Kurt PFW420 5-Axis Vise mounted on an APW420 Air Pallet

PNEUMATIC OPERATING INSTRUCTIONS

To plumb unit to run with manual operated switch: plumb shop air to switch using 1/4" tube in push to connect fittings. Assure the solenoid ports labeled C and O are plugged with pipe plugs.

To plumb unit to run with air solenoid: plumb clamp port "C" with 1/4" tube from solenoid, plumb open/unclamp port "O" with 1/4" tube from solenoid. Assure the switch port "SWITCH" is plugged with pipe plug.

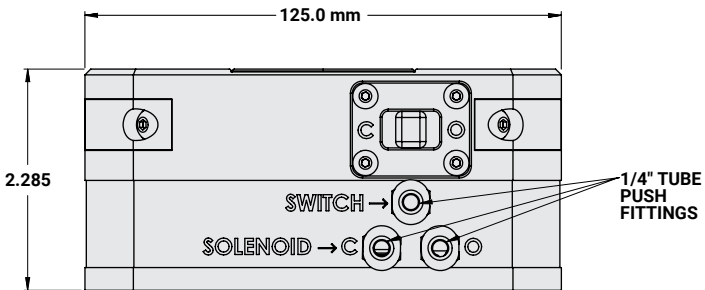
Note: The unit comes ready to run with the manual switch. In the event you want to use solenoid valves the manual switch must be set to the center position as seen in Fig.1 below.



CAUTION

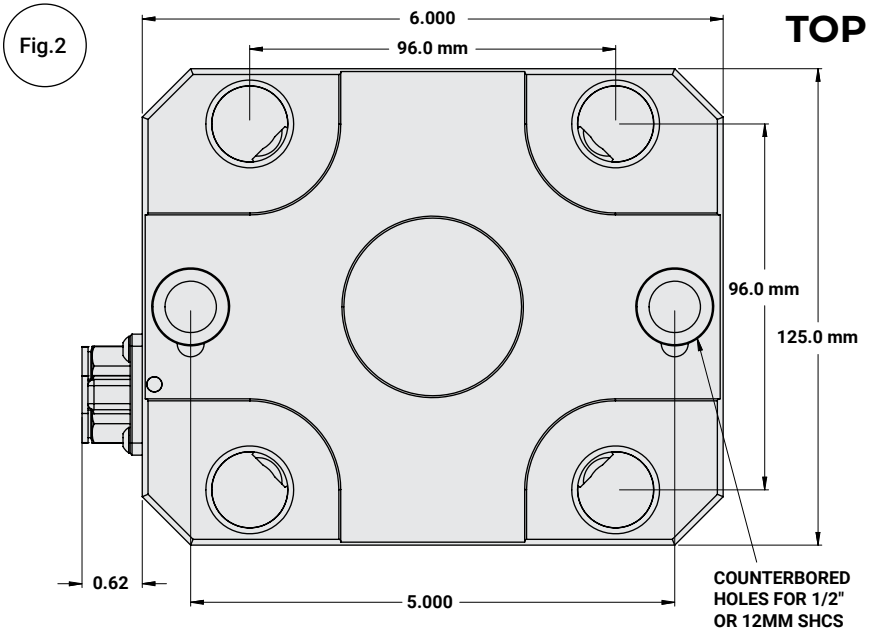
All NPT connections in pneumatic system must utilize pipe dope, not Teflon tape. Teflon tape can get dislodged and end up in unit, possibly voiding warranty.

Fig.1



INSTALLATION & MOUNTING

All of the vises in the PFW Series can be mounted with 1/2 inch SHCS using the counter-bored through holes in the center of the rails of the vise. Additional hole locations are shown below.



BOTTOM

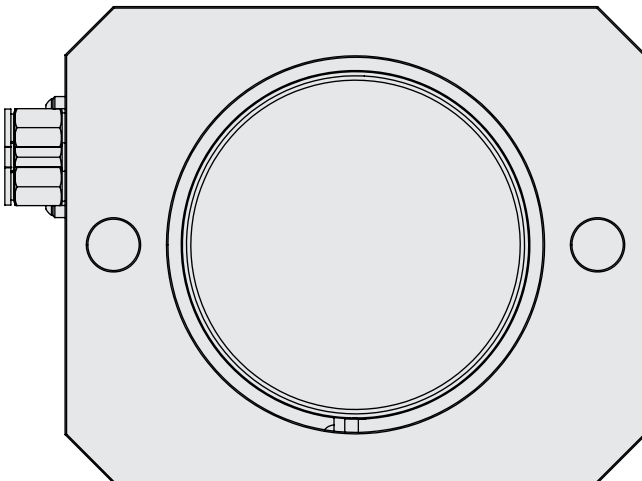
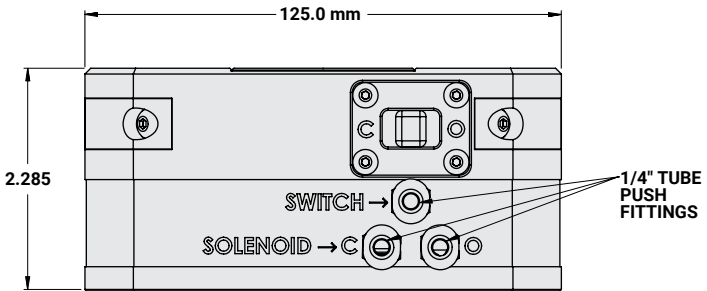
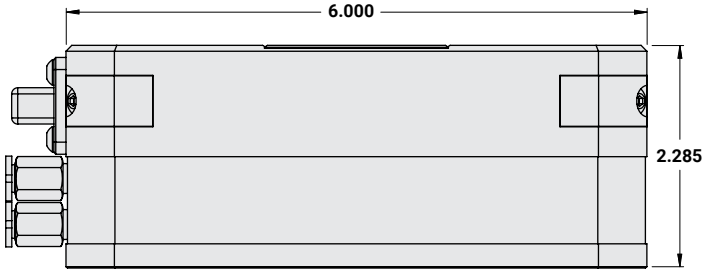


Fig.3

SIDE & END VIEW

Note: Dimensions below are in inches unless specified.



MAINTENANCE SCHEDULE

It is very important to perform regular maintenance on your Kurt vise to assure proper operation. Improper maintenance will result in poor vise performance and may void your warranty.

Daily/Weekly

1. Remove chips from surface of vise.
2. Visually inspect for chips and damage to the unit.
3. Air-dry and apply rust inhibiting oil to the machined surface of the vise.

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