

High Speed Pneumatic Vise

Description

The new, completely redesigned Speedy Air Vise now offers the most rugged, precision built, trouble-free air tool on the market. It is *the* complete ready-made jig for high speed volume production needs.

Speedy Air Vise has a jaw gripping force of 15 times air line pressure. At its maximum operating pressure of 150 pounds per square inch-derived from either an air line or individual compressor-it develops a maximum jaw pressure of 2250 pounds ($15 \times 150 = 2250$).

Any amount of force, down to a light squeeze for delicate work, may be accomplished by simply regulating the pressure of air flow to the vise by means of an air pressure regulator.

Soft steel jaws are easily fitted with cavities to hold castings, screw machine parts, etc. Once set, the maximum travel is 5/8 inch, but generally 1/16 inch or less is desirable for rapid insertion and removal of work. Fixed and movable jaws are made "extra-thick" with top surfaces ground for attaching jigs, fixtures, drill bushings, etc. Cavities can be milled right into the iron jaws for holding special shapes.

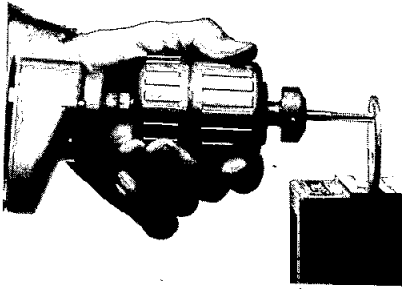
The ram of Speedy Air Vise is driven by a long-life multiple type diaphragm instead of a piston. No packing gland or cross head. No friction loss, air leakage or need for constant lubrication. New heavy duty diaphragm is rigidly clamped between precision ground surfaces of rugged aluminum head and cylinder housing castings. No piston cups or packings to leak or wear out.

Hold down lugs are provided for attachment to metal or wood bench, drill press, miller, grinder or shaper. The vise comes complete and ready for use with two, five-foot air hoses, foot-control valve with guard, and fitting. One year limited warranty.

Specifications

- | | | | |
|-------------------|--|---|------------------------|
| • Castings | Extra heavy. Meehinite iron and aluminum | • Weight - vise only..... | 24 lb.s |
| • Piston..... | Zinc alloy die cast | • Max. jaw opening (w/o jaw plates) | 3" |
| • Diaphragm..... | "Longlife" multiple type | • Max. travel..... | 5/8" |
| • Length | 12" | • Max. operating pressure | 150 lbs./sq. inch |
| • Width..... | 6" | • Gripping force..... | 15 x air line pressure |
| • Height..... | 6" | | |
| • Jaw width..... | 3" | | |
| • Jaw depth | 2" | | |

Tapping Devices



Push-Pull Portable Tapping Attachment



Push-Pull Thread Chasing Adapters

Push-Pull Portable Tapping Attachment

Model No.: 71118
71117

Description

The American Gator Push-Pull Tapper is an instant reversing speed reduction unit made expressly for tapping and thread chasing. Its lightweight design has made the Push-Pull an effective tapping attachment where hand tapping is too slow and power feed tapping is too costly. A speed reduction of 7 to 1 gives adequate power to tap all materials. Instant reversing means that the tap can be reversed without stopping the drill motor. The tap can be moved into and out of hole at operators will.

Ideal for tapping and thread chasing on a job site, assembly lines, maintenance, and automotive repair shops.

The Push-Pull Tapper handles all taps up to 5/16" diameter and thread chasing to 1/2".

Specifications

- Model No. 71118: Push-Pull no accessories
- Model No. 71117: Push-Pull with accessories (drill chuck adapter, wrench pin and bushing wrench, and #6, #8, #10)

Push-Pull Thread Chasing Adapters

Model No.: TC38-3/8" tap
TCIZ-1/2" tap
TC716-7/16" tap
PTAIH-pipe thread adapter

Description

The Push-Pull Thread Chasing Adapters can be used with most all types of tapping heads where tap size is limited by collet capacity. 5/16" thread chasing adapter shank size.

Saw Blades and Abrasives

Superior quality, service and pricing will make American Gator Tool your only source for saw blades and abrasives. Call today for special pricing.

Our Manufacturers include:

Blades

- M.K. Morse

Abrasives

- M.K. Morse
- United

Order Information

American Gator Tool is pleased to accept orders via:

Phone: 231-347-3222

Toll Free: 800-AM-GATOR, (800-264-2867),

Fax: 231-347-2007,

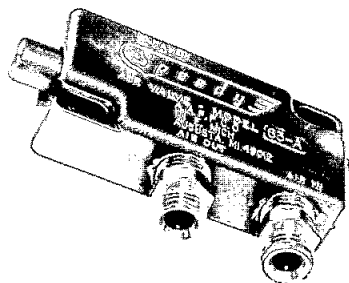
or by mail: 1211 W Conway Rd, Harbor Springs, MI 49740
email: sales@cimnfg.com
website: www.americangator.com

Minimum order is \$25.00

All prices are FOB Harbor Springs, Michigan. Credit privileges are available to qualified customers. Terms are 1/2% 10/net 30. Other shipments are cash in advance, credit card or COD. Prices subject to change without notice.

Speedy Air Valve

Model No.: AR63-3
AR63-4



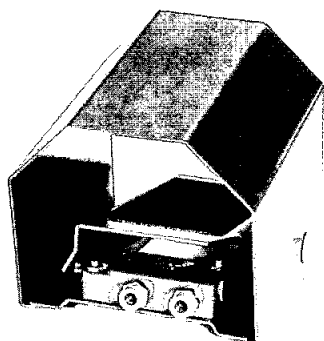
Speedy Air Valve

Description

This two-way and three-way air valve comes without foot or hand operating mechanisms, making it ideal for mounting on special installations for various air controlled equipment applications. The Speedy Air Valve has a hardened steel operating valve plunger and a spring return for cam operation.

Specifications

- 1/4" NPT
 - Female ports equipped with 1/4" male hose fitting connectors
- Note: AR63-3: 1 port air in & 1 port air out
AR63-4: 1 port air in & 2 ports air out



Foot Control Valve and Guard

Foot Control Valve and Guard

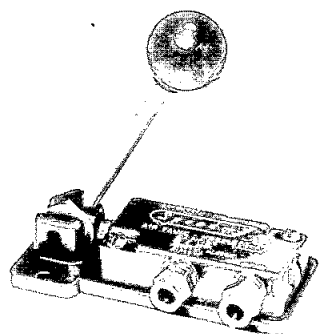
Model No.: AR62

Description

Our rugged, foot operated, two-way air valve allows for instant hand-free operation of innumerable air devices. Its easy action pedal remains in an open or closed position without constant foot pressure.

Specifications

- 1/4" NPT
- Female ports equipped with 1/4" male hose fitting connectors



Speedy Hand Valve

Speedy Hand Valve

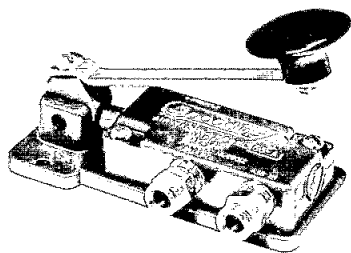
Model No.: AR75

Description

This "quick action" hand operated two-way air valve for fast hand operation of hand tools, air presses, pneumatic vises and air cylinders. The air valve will remain in an open or a closed position without constant hand pressure. Base plate has mounting bosses for easy attachment to bench top or machine.

Specifications

- 1/4" NPT
- Female ports equipped with 1/4" male hose fitting connectors



Speedy "Fingertip" Valve

Speedy "Fingertip" Valve

Model No.: AR74

Description

The rapid "fingertip" action, two-way air valve, which provides fast action for hand tools, air presses, pneumatic vises and air cylinders. Base plate has mounting bosses for easy attachment to bench top or machine. Must be mounted in a series for "safety" setups.

Specifications

- 1/4" NPT
- Female ports equipped with 1/4" male hose fitting connectors