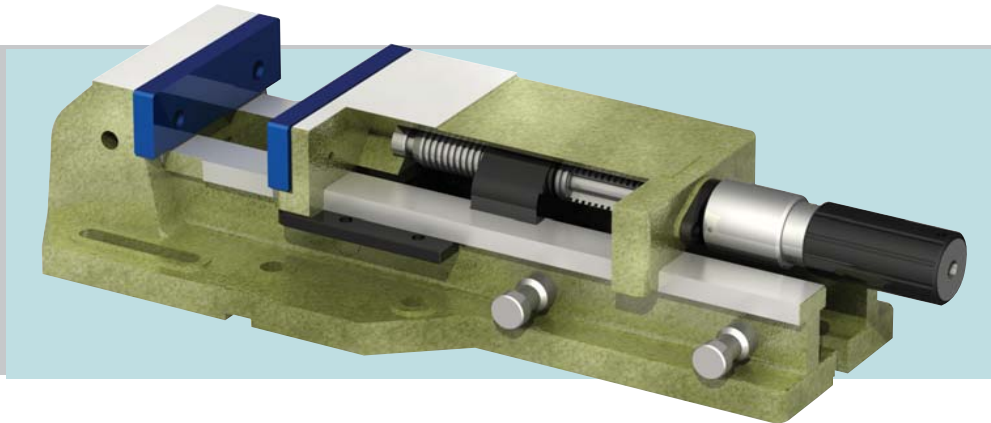


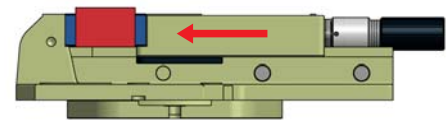
# high pressure manual vises

## Arnold Classic with Hydraulic Booster

High pressure ARNOLD Classic vises with HYDRAULIC BOOSTER achieve a clamping force of up to 8 tons (17,600 lbs) with the effortless turning of the handle. This makes them ideal for heavy duty clamping in milling, drilling and threading applications.



- 0.01mm (0.0004") clamping repeatability.
- Monoblock design avoids deformations with high pressure and offers great rigidity.
- Large opening up to 375 mm (15.76"); even more with two part body!
- Clamping force from 2.4 to 8 tons (5,250 to 17,600 lbs) depending on the size.
- Fitted with a high pressure hydraulic intensifier which does not require any external supply.
- The force applied by the high pressure spindle is transmitted to the work-piece in the exact center of the clamping jaw.
- Repeatable clamping force avoids repositioning the work-piece from one day to the next. Ideal for long production runs.
- Optional power regulator.
- Up to seven different types of standard jaws.



Optional Power Regulator



Optional Swivel Base

### Available in 3 versions

#### 1. Standard vise.

- Standard vise is mounted to the machine table through holes and slots.
- Can be supplied with a swivel base.



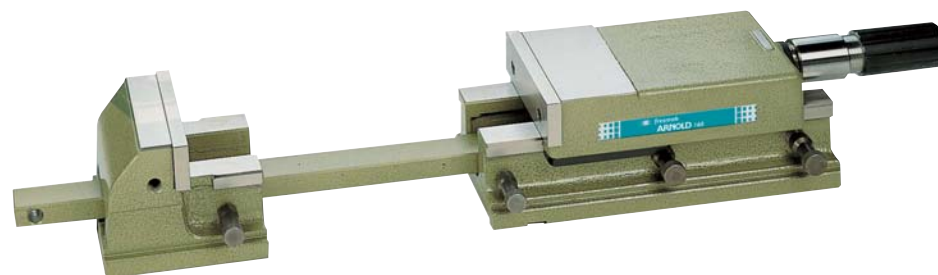
#### 2. Straight vise.

- A narrower body enables closer side-by-side mounting; ideal to hold large parts with multiple vises.

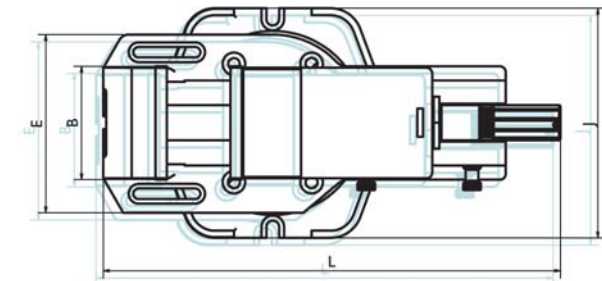
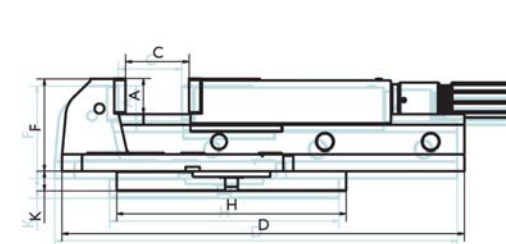


#### 3. Two part straight vise.

- Able to clamp any work-piece that will fit on your machine.
- Clamps the work-pieces on top of the guides or on top of the table.



| Size   | 090                   | 125                   | 160                   | 200                     |
|--|-----------------------|-----------------------|-----------------------|-------------------------|
| Arnold Classic vise                              | 010 010 090           | 010 010 125           | 010 010 160           | 010 010 200             |
| Arnold Classic vise with regulator               |                       | 010 110 125           | 010 110 160           | 010 110 200             |
| Arnold Classic vise with swivel base             | 010 011 090           | 010 011 125           | 010 011 160           | 010 011 200             |
| Arnold Classic vise with swivel base + regulator |                       | 010 111 125           | 010 111 160           | 010 111 200             |
| Arnold Classic straight body vise                | 010 012 090           | 010 012 125           | 010 012 160           | 010 012 200             |
| Arnold Classic straight body vise with regulator |                       | 010 112 125           | 010 112 160           | 010 112200              |
| Two part Arnold Classic vise                     |                       |                       | 010 013 160           | 010 013 200             |
| Clamping force (kg / lbs)                        | 2.500 / 5,500         | 4.000 / 8,800         | 5.000 / 11,000        | 8.000 / 17,600          |
| A (mm / inches)                                  | 40 / 1.57             | 40 / 1.57             | 50 / 1.97             | 63 / 2.48               |
| B (mm / inches)                                  | 90 / 3.54             | 125 / 4.92            | 160 / 6.30            | 200 / 7.87              |
| C - Clamping range 1 (mm / inches)               | 0-80 / 0-3.15         | 0-105 / 0-4.13        | 0-155 / 0-6.10        | 0-210 / 0-8.27          |
| C - Clamping range 2 (mm / inches)               | 75-155 / 2.95-6.10    | 100-205 / 3.94-8.07   | 150-305 / 5.91-12.01  | 165-375 / 6.50-14.76    |
| D (mm / inches)                                  | 355 / 13.98           | 425 / 16.73           | 570 / 22.44           | 680 / 26.77             |
| E (mm / inches)                                  | 160 / 6.30            | 195 / 7.68            | 250 / 9.84            | 300 / 11.81             |
| F - Standard base (mm / inches)                  | 92 / 3.62             | 107 / 4.21            | 130 / 5.12            | 160 / 6.30              |
| F - Straight vise (mm / inches)                  | 92 / 3.62             | 112 / 4.41            | 139 / 5.47            | 164 / 6.46              |
| L (mm / inches)                                  | 415-570 / 16.34-22.44 | 480-685 / 18.90-26.97 | 565-870 / 22.24-34.25 | 720-1.095 / 28.35-43.11 |
| Vise weight (kg / lbs)                           | 13 / 29               | 26 / 57               | 51 / 112              | 94 / 207                |
| Optional swivel base                             | 800 450 090           | 800 450 125           | 800 450 160           | 800 450 200             |
| H (mm / inches)                                  | 220 / 8.66            | 264 / 10.39           | 325 / 12.79           | 400 / 15.75             |
| J (mm / inches)                                  | 230 / 9.06            | 270 / 10.63           | 325 / 12.79           | 400 / 15.75             |
| K (mm / inches)                                  | 25 / 0.98             | 28 / 1.10             | 32 / 1.26             | 45 / 1.77               |
| Swivel base weight (kg)                          | 5 / 11                | 8 / 18                | 15 / 33               | 32 / 70                 |



### Supplied with

- base body
- hydraulic spindle
- 1 set of plain jaws
- 1 handle
- instruction manual

