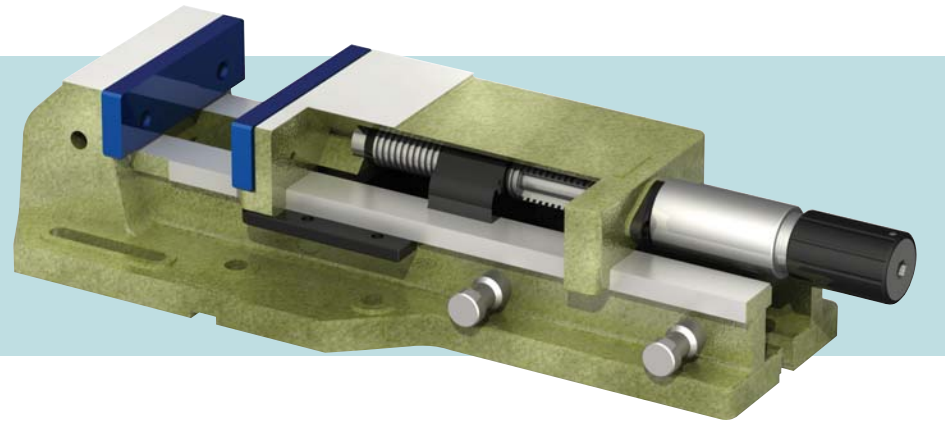


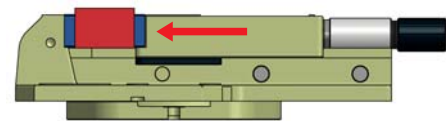
high pressure manual vises

Arnold Classic with Mechanical Booster

High pressure ARNOLD Classic vises with MECHANICAL 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 high pressure mechanical intensifier.
- 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.

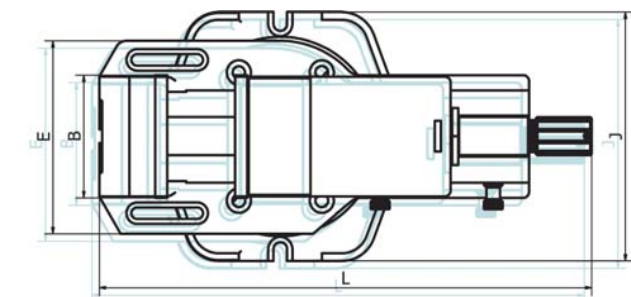
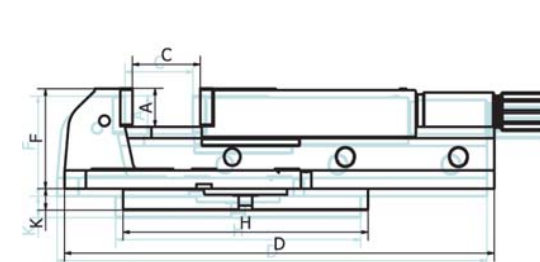


3. Two part straight vise.

- 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 Mechanical	010 200 090	010 200 125	010 200 160	010 200 200	
Arnold Mechanical with regulator		010 210 125	010 210 160	010 210 200	
Arnold Mechanical with base	010 201 090	010 201 125	010 201 160	010 201 200	
Arnold Mechanical with base and regulator		010 211 125	010 211 160	010 211 200	
Straight Arnold Mechanical	010 202 090	010 202 125	010 202 160	010 202 200	
Straight Arnold Mechanical with regulator		010 212 125	010 212 160	010 212 200	
Two part Arnold hydraulic			010 203 160	010 203 200	
Clamping force (kg / lbs)	2500 / 5500	4000 / 8800	5000 / 11000	8000 / 17600	
A	40 / 1.57	40 / 1.57	50 / 1.97	63 / 2.48	
B	90 / 3.54	125 / 4.92	160 / 6.30	200 / 7.87	
C	Clamping field 1	0-80 / \pm 0.3-1.5	0-105 / 0-4.13	0-155 / 0-6.10	0-210 / 0-8.27
	Clamping field 2	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	355 / 13.98	425 / 16.73	570 / 22.44	680 / 26.77	
E	160 / 6.30	195 / 7.68	250 / 9.84	300 / 11.81	
F	92 / 3.62	107 / 4.21	130 / 5.12	160 / 6.30	
F (Straight vice)	92 / 3.62	150 / 5.91	150 / 5.91	150 / 5.91	
L	395-550 / 15.55-21.65	485-690 / 19.09-27.17	570-875 / 22.44-34.45	720-1100 / 28.35-73.31	
Vise weight (kg / lbs)	13 / 28.6	26 / 57.2	51 / 112.2	94 / 206.8	
Base	800 450 090	800 450 125	800 450 160	800 450 200	
H	220 / 8.66	264 / 10.39	325 / 12.80	400 / 15.75	
J	230 / 9.06	270 / 10.63	325 / 12.80	400 / 15.75	
K	25 / 0.98	28 / 1.10	32 / 1.26	45 / 1.77	
Base weight (kg / lbs)	5 / 11	8 / 17.6	15 / 33	32 / 70.4	



Supplied with

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

