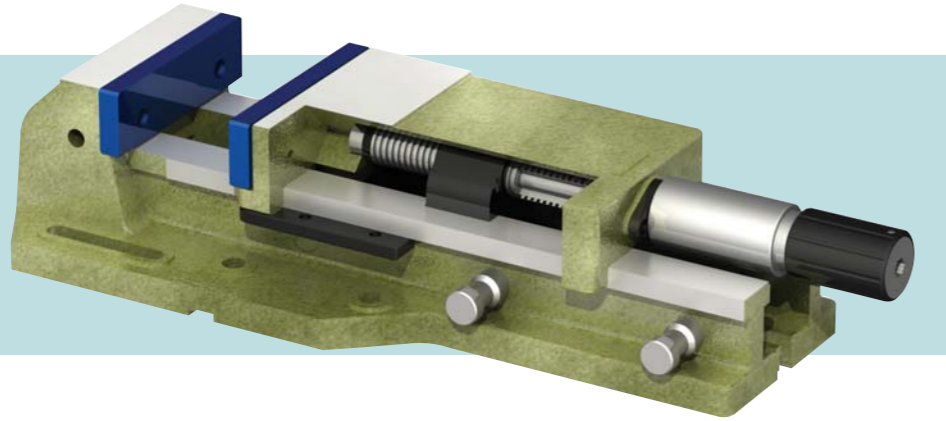


# HIGH PRESSURE MANUAL vices for milling machine and drilling machine

## Arnold MECHANICAL

High Pressure ARNOLD MECHANICAL vices achieve a clamping force of up to 8 tons using the simple turn of the handle without any effort. This advantage makes them ideal for heavy duty clamping in milling machines, drilling machines and threading machines.



- 0.01 mm clamping repeatability.
- Monoblock design to avoid deformation due to high pressure and great rigidity.
- Large opening, up to 375 mm and 845 mm if the body is in two parts.
- Clamping force is 2.5/4/5/8 tons according to size.
- Fitted with high pressure mechanical intensifier.
- The force applied by the high pressure spindle is transmitted to the work-piece in the exact centre of the clamping jaw.
- Permanent clamping force avoids repositioning the work-piece one day to the next.
- Ideal for long lasting machining.
- Optional power regulator.
- Up to seven different types of standard jaws.

### VERSIONS

#### 1. Standard vice.

- Standard shape highly valued for decades.
- Clamping to the machine table is carried out through the lengthwise orifices and slots of the vice.
- Can be supplied with a rotary base.



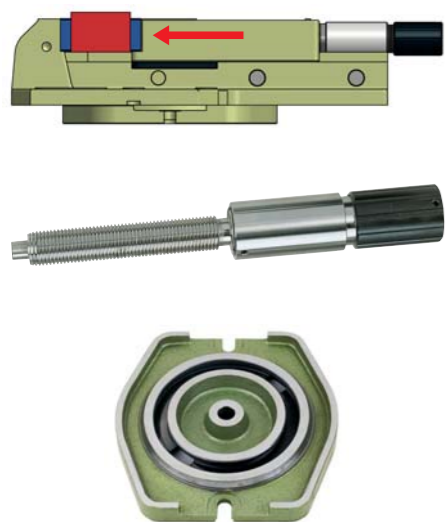
#### 2. Straight vice.

- The narrow figure enables one to be placed alongside the other, making up a large clamping unit for large work-pieces.

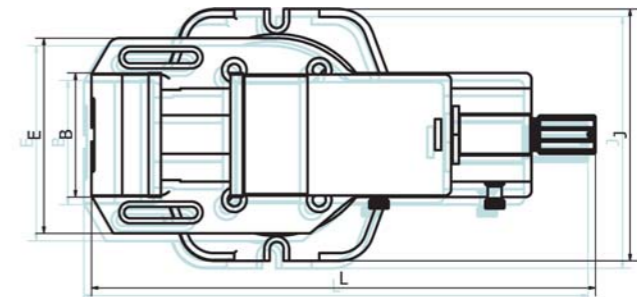
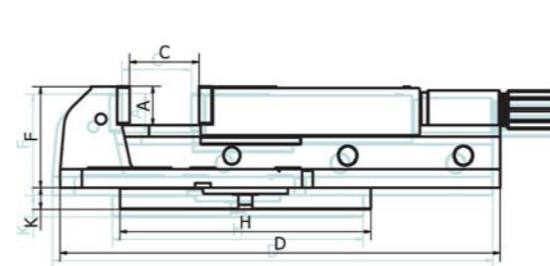


#### 3. Two part straight vice

- Able to clamp any work-piece however large it is.
- Clamp the work-pieces on top of the guides or on top of the table.
- An inner tie-rod joins one of the two work-pieces of the vice.



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	
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	
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	
Two part Arnold Mechanical			010 203 160	010 203 200
Clamping force (kg)	2.500	4.000	5.000	8.000
A	40	42	50	63
B	90	125	160	200
C	Clamping field 1	0 - 80	0 - 105	0 - 155
	Clamping field 2	75 - 155	100 - 205	150 - 305
D	355	425	570	680
E	160	195	250	300
F	92	107	130	160
F (Straight vice)	92	150	150	150
L	395 - 550	485 - 690	570 - 875	720 - 1.100
Vice weight (kg)	13	26	51	94
Base	800 450 090	800 450 125	800 450 160	800 450 200
H	220	264	325	400
J	230	270	325	400
K	25	28	32	45
Base weight (kg)	5	8	15	32



#### Set supplied

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

