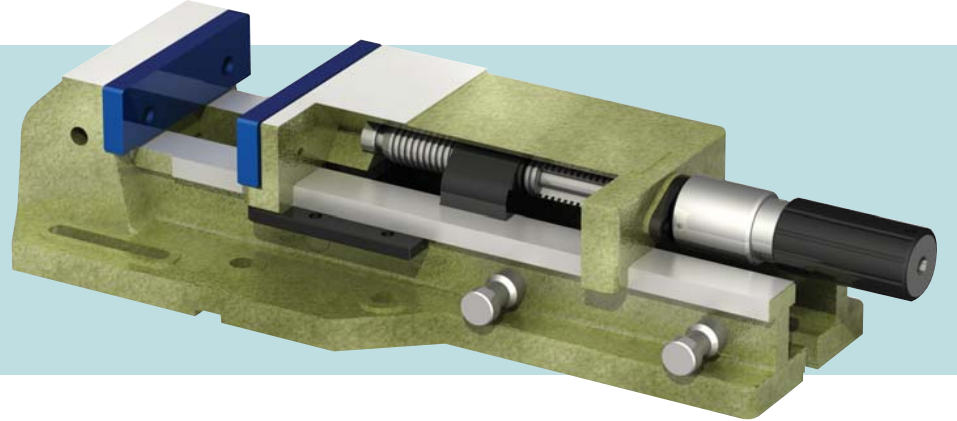


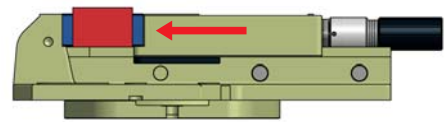
HIGH PRESSURE MANUAL vices for milling machine and drilling machine

Arnold HYDRAULIC

High Pressure ARNOLD HYDRAULIC 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 avoids deformations with high pressure and offers great rigidity.
- Large opening up to 375 mm and 845 mm if the body is in two parts.
- The clamping force is 2.4/5/8 tons 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 centre of the clamping jaw.
- Permanent clamping force avoids repositioning the work-piece from one day to the next. This advantage makes it ideal for long term machining.
- Optional power regulator.
- Upto 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 another, making up a large clamping unit for large work-pieces.

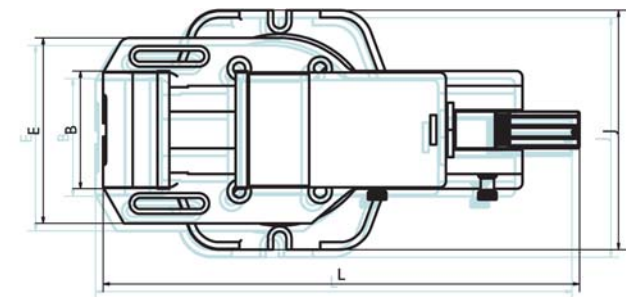
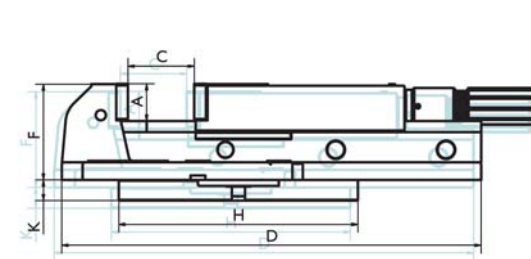


3. Two part straight vice.

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



Size	090	125	160	200
Arnold Hydraulic	010 010 090	010 010 125	010 010 160	010 010 200
Arnold Hydraulic with regulator		010 110 125	010 110 160	010 110 200
Arnold Hydraulic with base	010 011 090	010 011 125	010 011 160	010 011 200
Arnold Hydraulic with base + regulator		010 111 125	010 111 160	010 111 200
Arnold straight Hydraulic	010 012 090	010 012 125	010 012 160	010 012 200
Arnold straight Hydraulic with regulator		010 112 125	010 112 160	010 112 200
Two part Arnold hydraulic			010 013 160	010 013 200
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	112	139	164
L	415 - 570	480 - 685	565 - 870	720 - 1.095
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
- hydraulic spindle
- 1 set of plain jaws
- 1 handle
- 4 end clamps
- instruction manual

