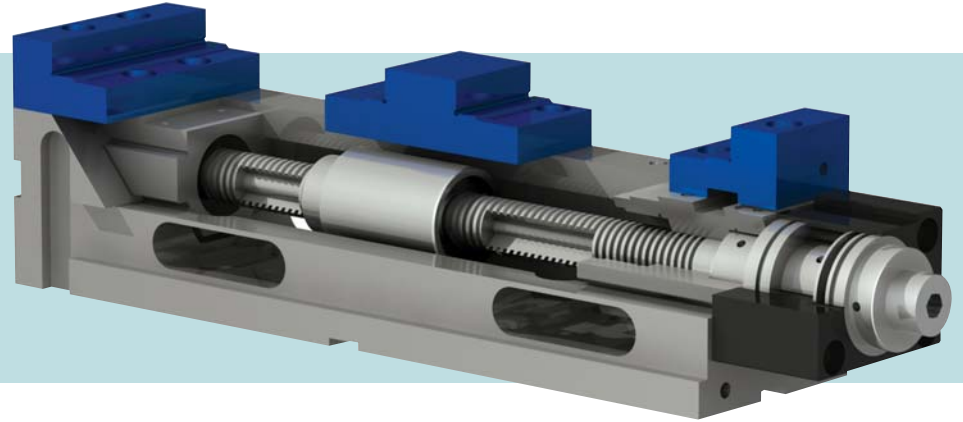


HIGH PRESSURE MANUAL vices for all

types of machines

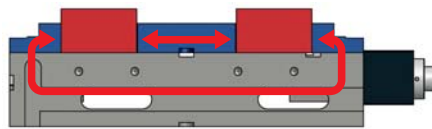
Arnold Twin HYDRAULIC

ARNOLD TWIN HYDRAULIC High Pressure vices are capable of clamping two pieces simultaneously with one single movement of the handle, keeping the total length constant. This makes it ideal for machining series of work-pieces in machining centres.



- Main components in nodular cast iron.
- Grinding of all surfaces.
- Possible working positions: supported on the base, on the side or vertically on the head.
- Suitable for working in horizontal and vertical machining centres.
- 0.01 mm clamping repeatability .
- High pressure hydraulic intensifier incorporated into the spindle, which keeps the clamping force for hours.
- 2.5/4 tons of force without stress and with manual operation. Ideal for large clamping and long clamping operations.
- Side windows for easy swarf evacuation.

Compensated clamp



- The exterior clamping system towards the centre makes the elevated forces in the clamp area to be compensated dynamically thus avoiding deformations.

3rd Hand

Function which permits first one work-piece to be clamped and then the other, enabling it to be fitted in the vertical position.

Operation of the 3rd Hand: By turning the handle bring the moveable jaw I towards the work-piece situated in station I until it is clamped.

Maintaining the turn bring moveable jaw II towards the work-piece situated in station II until it is clamped.

Continuing with the turn, jumpstart the intensifier and start to clamp with high pressure.

Clamping possibilities

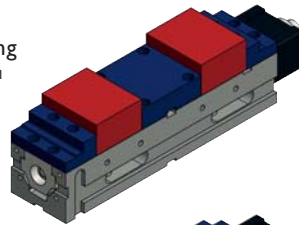
Two work-pieces can be clamped at the same time, with a difference in size between them of 3 mm, or one single work-piece. The ARNOLD TWIN vice permits six different types of clamp, interchanging the standard jaw position. This is achieved, either by rotating the side jaws and fitting the jaw staggered in the centre, or by fitting any of the central jaws on the side closest to the handle.



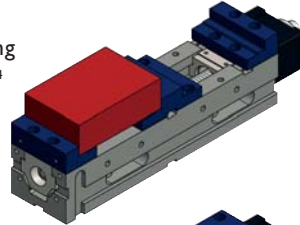
- Hard jaws suitable for fitting special Fresmak jaws.
- Possibility of working with soft jaws in accordance with the geometrical requirements of the piece.
- Angle driver for handle clearance available.
- Set of standardised soft jaws available.



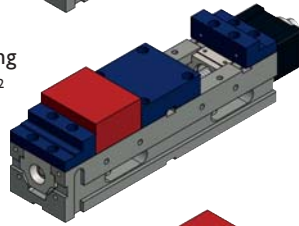
Clamping field 0₁



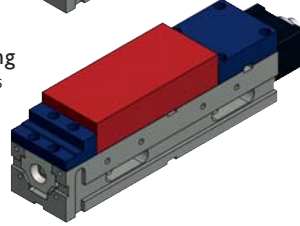
Clamping field 0₄



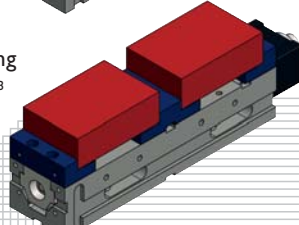
Clamping field 0₂



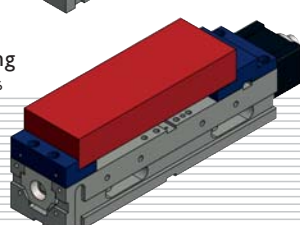
Clamping field 0₅



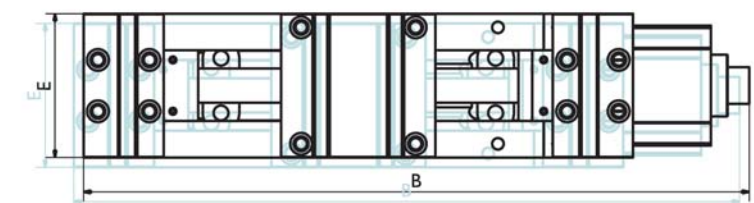
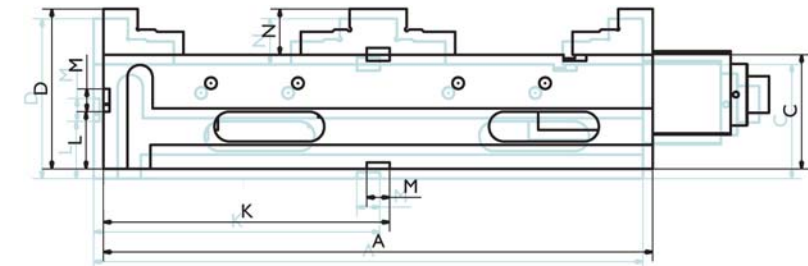
Clamping field 0₃



Clamping field 0₆



Size	090	125		
Arnold Twin Hydraulic	040 410 090	040 410 125		
A	400	480		
B	489	656		
C	75	100		
D	115	140		
E	91	126		
K	210	250		
M H7	20	20		
N	40	40		
Clamping force (kg)	2.500 x 2	4.000 x 2		
Weight (kg)	25	45		
Position	horizontal	vertical	horizontal	vertical
Clamping field 0 ₁	0 - 80	0 - 68	0 - 99	0 - 87
Clamping field 0 ₂	0 - 92	0 - 80	0 - 114	0 - 102
Clamping field 0 ₃	66 - 145	66 - 133	83 - 181	83 - 169
Clamping field 0 ₄	66 - 157	66 - 133	83 - 196	83 - 184
Clamping field 0 ₅	140 - 221	140 - 209	180 - 286	180 - 274
Clamping field 0 ₆	198 - 286	198 - 274	262 - 368	262 - 356



Set supplied

- base body
- hydraulic spindle
- 1 set of plain jaws
 - 2 x side jaws
 - 1 central jaw I (staggered)
 - 1 central jaw II (block)
- 1 handle
- 4 end clamps
- instruction manual

(no tenemos la traducción de esta frase)

El modelo Twin -125 lleva un regulador de presión incorporado.

