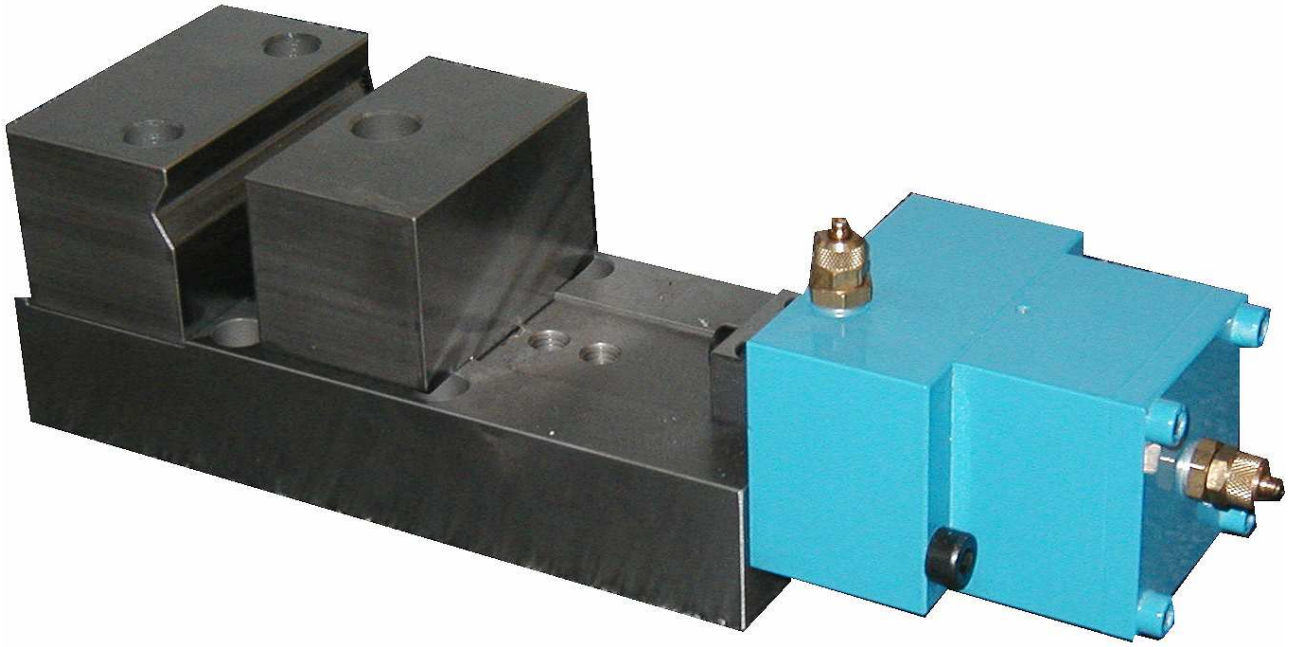
HAGEN & GOEBEL
Werkzeugmaschinen GmbH

Pneumatic machine vice
Type SO 80 + SO 100



Function:	The work pieces will be clamped pneumatically by our cylinders type „Multizylinder" M 50 (for SO80) or M 90 (for SO100) with stroke 20 mm.
Adjustment:	The range of the vice can be adjusted by displacement of moveable jaw (every 15mm). This guarantees a clamping stroke between 5mm and 20mm.
Clamping force:	By using our pneumatic cylinders the customer can adjust the force by quantity of pneumatic cells. If stronger force is needed it can be done by additional cells later.
Advantages:	Guaranteed, automatic clamping in mass production. Fast and safety parts holding by constant clamping force. Universal range for boring, milling, reaming and tapping.
Options:	Jaw in prismatic design for round materials. Hydraulic cylinder instead of pneumatic cylinder.

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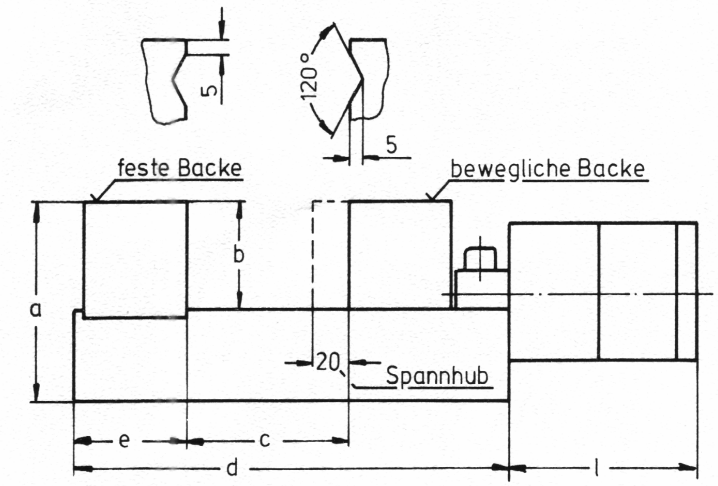
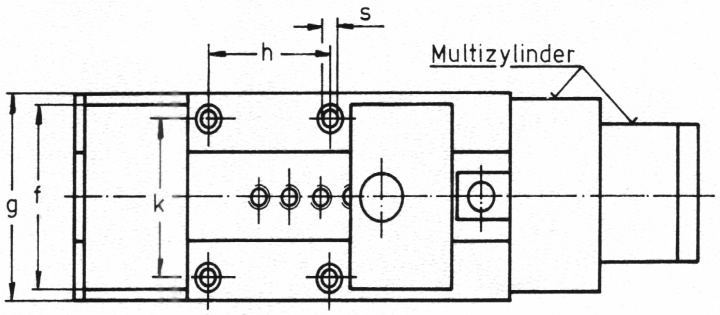
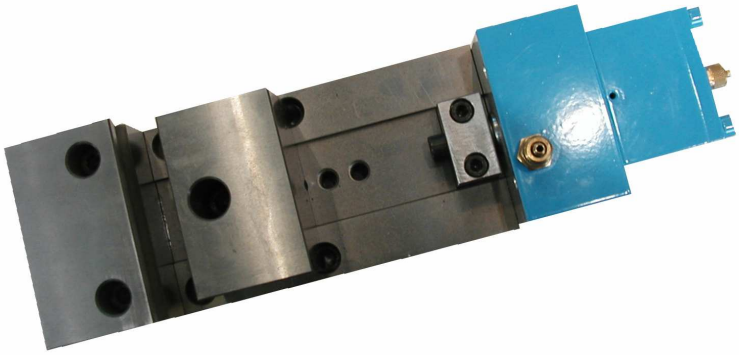
Pneumatic machine vice type SO 80 + SO 100 technical data





Maß	SO 80	SO 100
a	87	99
b	48	53
c	80	120
d	215	266
e	55	60
f	80	100
g	90	125
h	60	80
k	70	105
s	9	11

Typ Spannst.	Zylinder-bestück.	Maß l	Spannkraft in N bei 7 bar
SO 80	M 50/1	56	1100
	M 50/2	94	2200
	M 50/3	132	3300
	M 50/4	170	4400
SO 100	M 90/1	56	3500
	M 90/2	94	7000
	M 90/3	132	10500



The pneumatic control of the vices is possible by using 4/2 way valve. By selection of the control system (two hand, food switch, automatic machine control, roller switch or impulse switch) you have to take care for safety regulation's.

Optional this vices can be modified for hydraulic system.
Please ask in this case for technical details.

Technical or design changes can be possible.

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