

ALLMATIC NC – MECHANICAL NC 70 VERSION

Scope of application:

- Horizontal installation – suitable for vertical CNC-controlled milling machines
- Lateral installation is also possible

Product features:

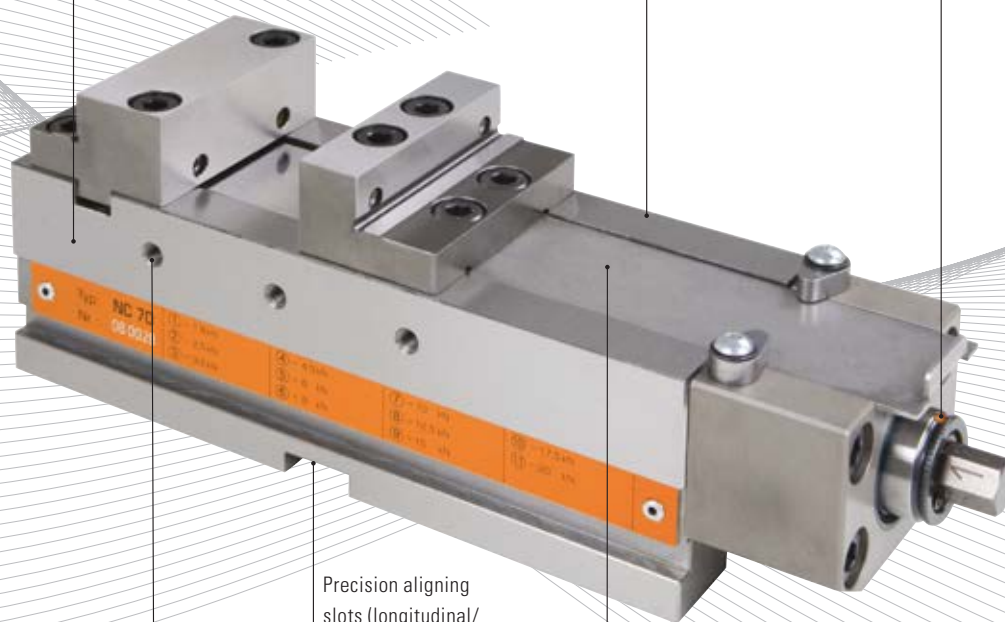
- Extreme accuracy for your machining
- Clamping force can be preset in 11 increments; fine gradations for delicate workpieces. At most, 1 revolution is required max. to reach the max. clamping force
- Preselectable and reproducible clamping forces enable the workpiece position to be repeated within a tolerance of less than 0.01 mm



Robust base
made of GGG 60

Hardened, ground and
polished guideway

Clamping force
presetting



M6 thread

Precision aligning
slots (longitudinal/
transverse) in the
bottom surface for
optimal alignment on
the machine table

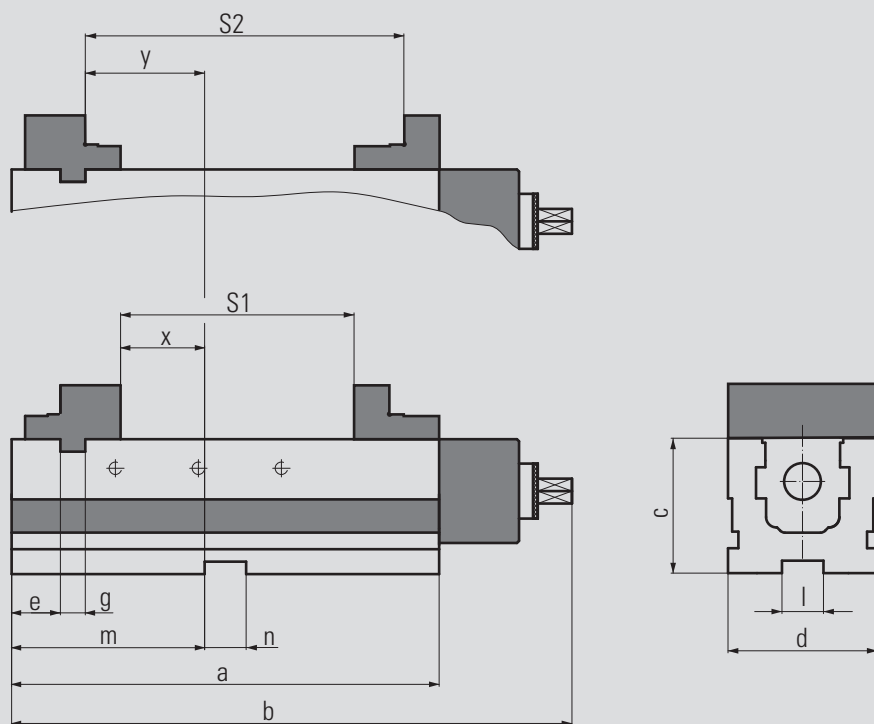
Spindle chamber cover

Order no. jaw width 70: 6921268000055

Scope of supply:

- 1 high-pressure vice with step jaws
- 1 hand crank
- 4 side clamps
- 1 socket screw wrench

An overview of the clamping jaws and other accessories is given on the following pages.

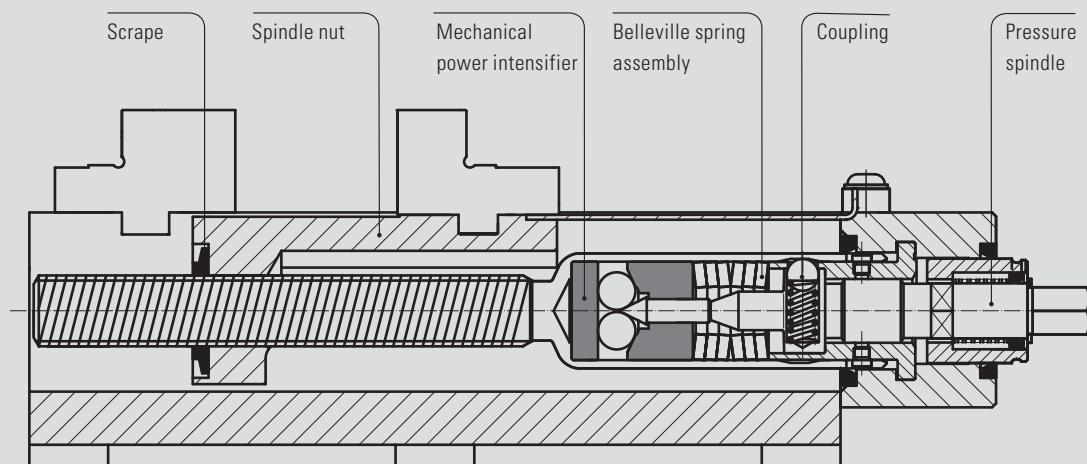


Technical data

Jaw width	70	
Dimensions / tolerances in mm	a	206
	b	270
	c	65
	d	72
	e	23.5
	g	12
	l	20
	m	93
	n	20
	x	40.5
y	57.5	

Jaw width	70
Clamping range S1 in mm	0 – 112
Clamping range S2 in mm	41 – 152
Clamping force increments	11
Max. clamping force in kN	20
Weight in kg	10

Spindle cross-section

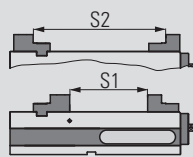


ALLMATIC NC – mechanical / NC 70 version (accessories)

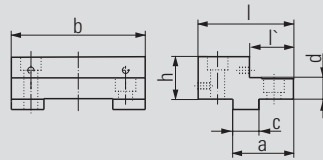
Step jaws



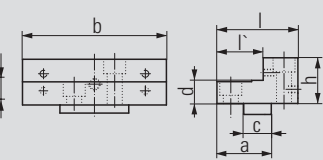
- Material: hardened steel
- Ground and polished clamping surfaces
- High and step sides with M5 thread for parallels



Order no. fixed:
6921264006031



Order no. movable:
6921264002031

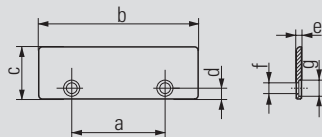


Jaw width		70
Dimensions in mm	a	29
	b	69.4
	c	12
	d	12
	h	26
	l	46
	l'	17

Jaw width		70
Dimensions in mm	a	25.5
	b	69.4
	c	10
	d	12
	h	26
	l	41
	l'	23.5

Clamping range S1	0 – 112
Clamping range S2	41 – 152

Parallels (pair)

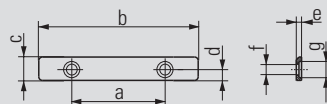


- For parallel raising of workpieces
- Hardened, ground and polished parallels
- Bolt-on parallels
- For the high side of the jaws

Order no. 6921265022031

Jaw width		70
Dimensions in mm	a	37
	b	69.6
	c	22
	d	6
	e	2.5
	f	Ø 6
	g	Ø 9

Parallels (pair)



- For parallel raising of workpieces
- Hardened, ground and polished parallels
- Bolt-on parallels
- For the step side of the jaws

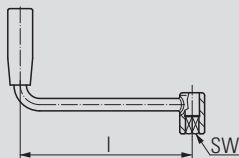
Order no. 6921265010031

Jaw width		70
Dimensions in mm	a	52
	b	69.6
	c	10
	d	4.5
	e	2.5
	f	Ø 6
	g	Ø 9

ALLMATIC NC – mechanical / NC 70 version (accessories)

Hand crank

Order no. 6921675508031



Jaw width	70	
Dimensions in mm	l	150
	SW	12

Aligning and fixing set

Order no. – see table



T-slot/ thread	Order no.
12/M10	6921285600031
14/M12	6921285601031
16/M14	6921285602031
18/M16	6921285603031
20/M16	6921285606031
22/M16	6921285607031

- For aligning (positioning) and securing the vice on pallet and machine table
- Size according to T-slot or thread in the machine table