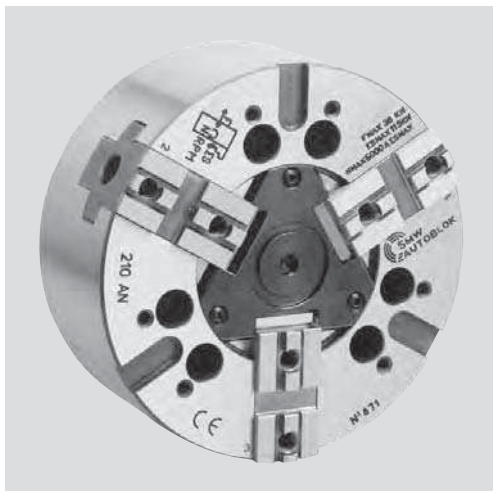


# AN-C

Tongue & groove

## High precision power chucks Ø 165 - 400 mm

- closed center
- 2 and 3 jaws (4 jaws only Ø 400 mm)



### Application/customer benefits

- For chucking parts
- Suitable for vertical machines
- Tongue & groove master jaws for heavy or very high profile special top jaws

**AN-C:** Tongue & groove master jaws (American Standard)

### Technical features

- Gripping force transmission via wedge hook
- Case hardened body to assure greatest precision and long chuck life

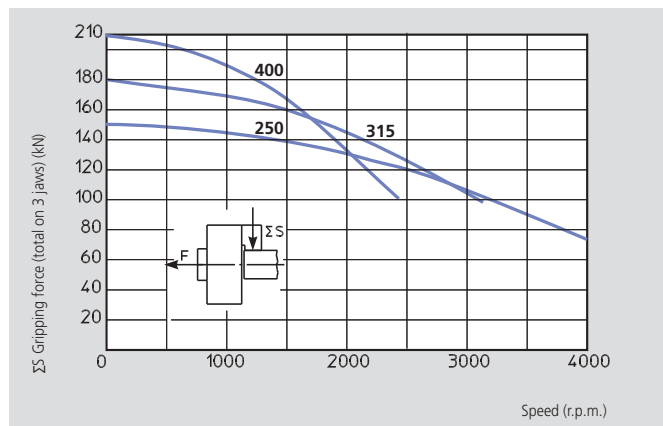
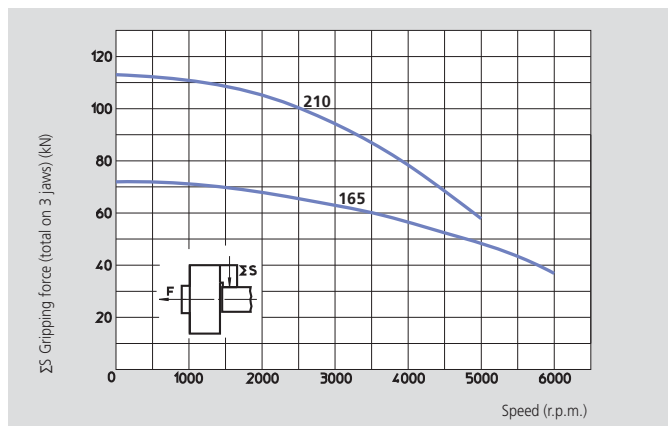
### Standard equipment

2, 3 or 4 jaw chuck  
Mounting bolts  
Grease gun

### Ordering example

3 jaw chuck AN-C 250/Z220  
or  
2 jaw chuck AN-C 315/A8

## Actual gripping force diagrams



The data in the diagrams refer to 3-jaw-chucks, newly maintained according to their service manuals using SMW-AUTOBLOK K05 grease. The static and dynamic gripping forces have been measured using standard soft top jaws, placed in a position not exceeding the outer diameter of the chuck.

### ⚠ Safety advice/danger of damage:

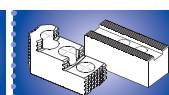
When using taller/heavier jaws and/or clamping on a bigger diameter reduce draw pull/rotating speed accordingly.

## Technical data

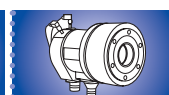
SMW-AUTOBLOK Type	AN-C 165		AN-C 210		AN-C 250		AN-C 315		AN-C 400		
	2	3	2	3	2	3	2	3	2	3	4
Number of jaws											
Radial jaw stroke	mm	3.6	4.4		5		6.3		7		
Axial piston stroke	mm	17	21		24		30		33		
Max. draw pull	kN	17	25	25	38	33	50	40	60	50	70
Max. gripping force	kN	50	72	75	115	100	150	120	180	150	210
Max. speed	r.p.m.	6000		5000		4000		3200		2400	
Mass (without top jaws)	kg	10		19.5		33		57		84	
Moment of inertia	kg·m <sup>2</sup>	0.034		0.11		0.27		0.70		1.6	
Recommended actuating cylinders		SIN-S 100		SIN-S 100/125		SIN-S 125/150		SIN-S 125/150		SIN-S 150/175	



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