SMW AUTOBLOK

NEW

SCG

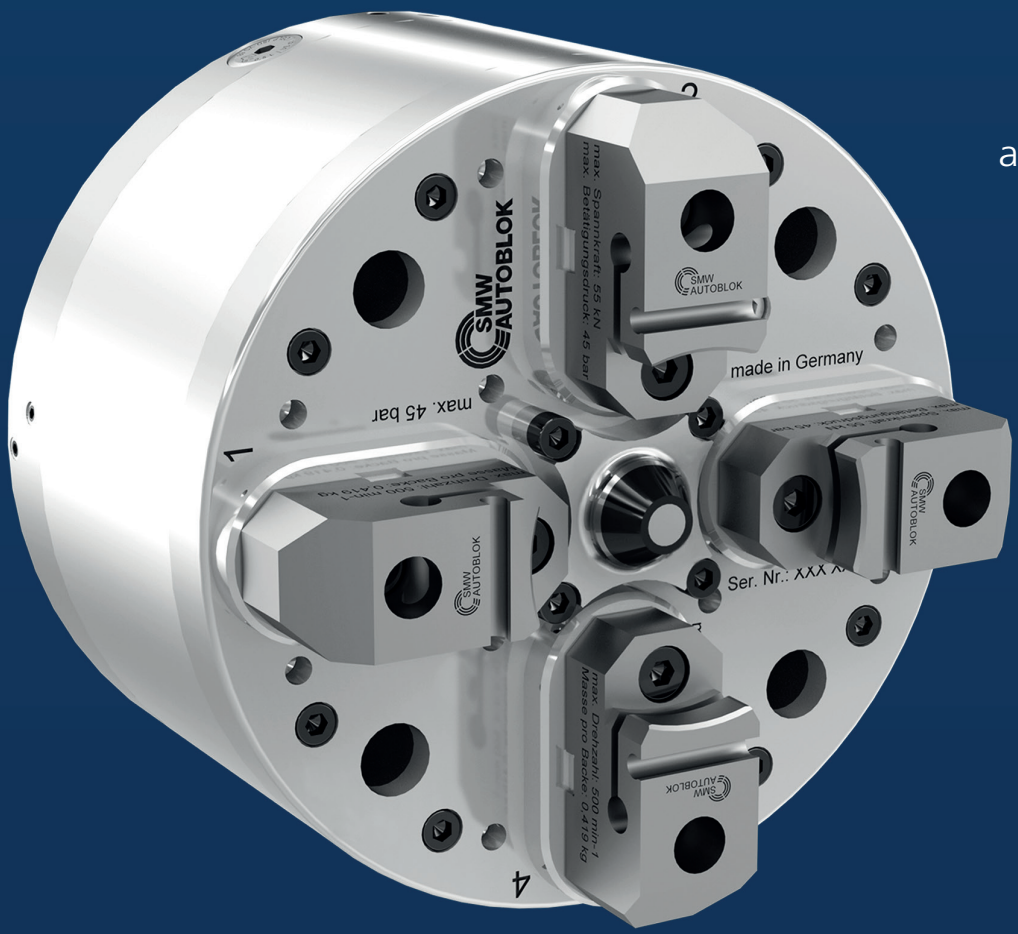
HIGH PRECISION

2+2 jaw compensating chuck for grinding

PRECISE
2+2 jaw hydraulic actuation

FLEXIBLE
Quick change center

SEALED
Oil bath lubricated
and low maintenance



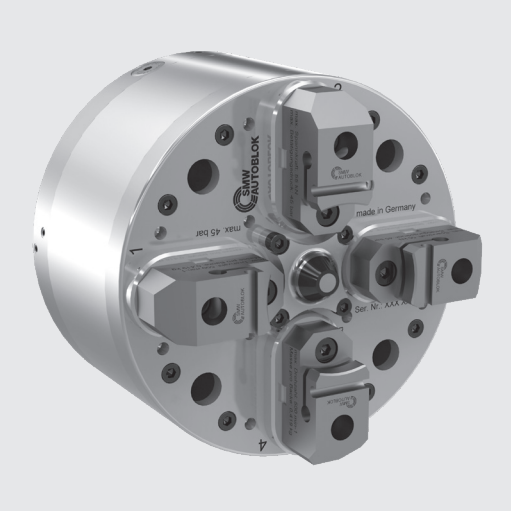
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SCG

2+2 jaw hydraulic actuation

2+2 jaw compensating chuck

- 2+2 jaw hydraulic actuation
- Quick change center or adjustable
- For grinding
- Sealed and low maintenance



Application/customer benefits

- For grinding of shafts

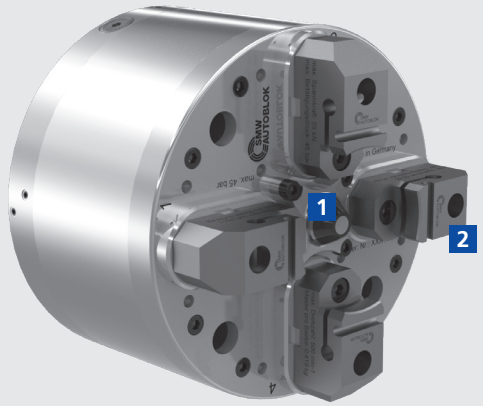
Technical features

- 2+2 jaw hydraulic actuation
- Oil distribution via hydraulic manifold
- Quick change center or adjustable
- Sealed, oil bath lubricated and low maintenance

Standard equipment

2+2 jaw compensating chuck
without center
without top jaws

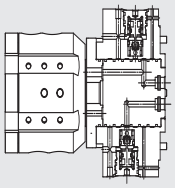
Product features SCG



1 Quick change center, TIR < = 0,003 mm, for higher accuracy also adjustable

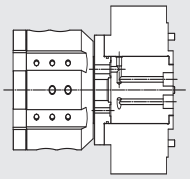
2 Clamping jaws with pull-down effect

Rotary distributor adaption versions



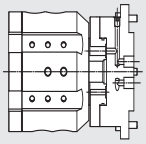
Version 1:
Rotary distributor with flange with safety valves

Id. No. 046881



Version 2:
Rotary distributor with flange two-pieced

Id. No. 046880

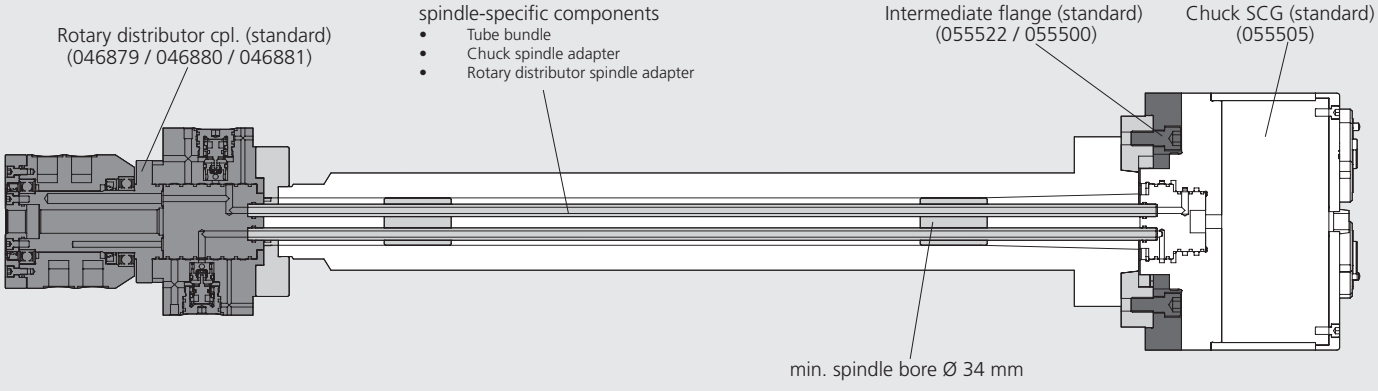


Version 3:
Rotary distributor with flange compact

Id. No. 046879

Ordering review

Item	Order number
Chuck	055505
Intermediate flange / intermediate flange adjustable	055522 / 055500
Rotary distributor cpl.	046879 / 046880 / 046881
spindle-specific components	tbd.

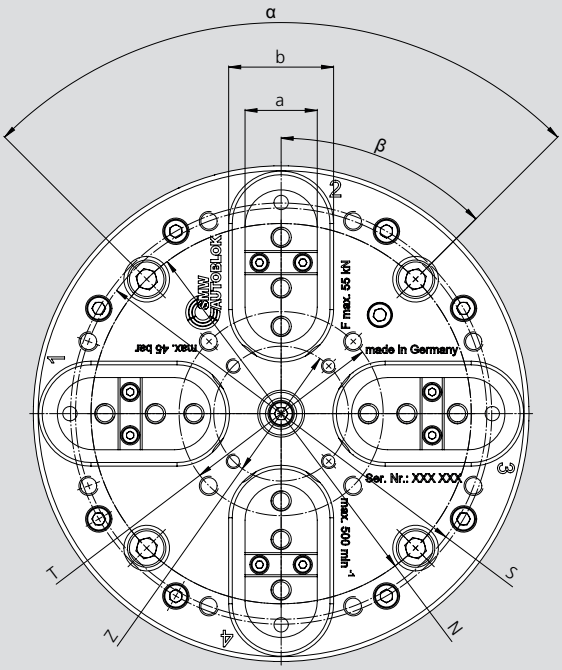


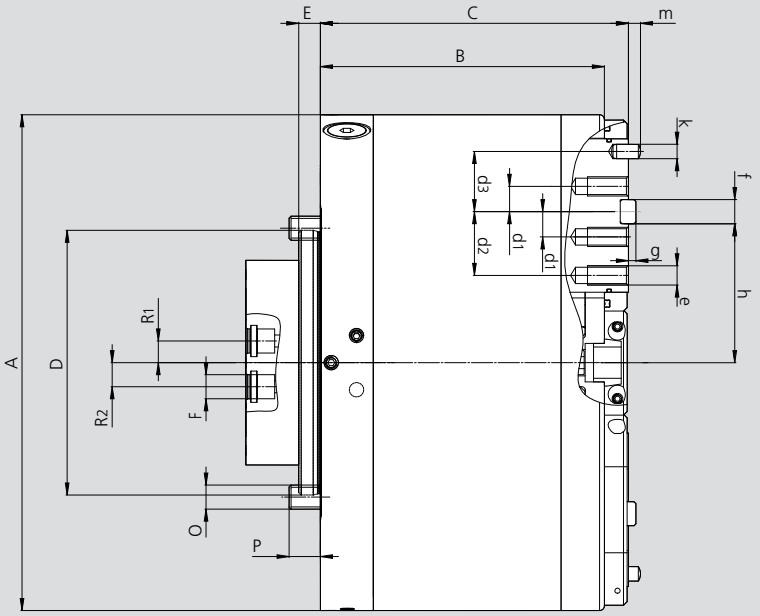
2+2 jaw compensating chuck

- 2+2 jaw hydraulic actuation
- Quick change center
- For grinding
- Sealed and low maintenance

SCG

2+2 jaw hydraulic actuation





Subject to technical changes.
For more detailed information please ask our customer service.

SMW-AUTOBLOK Type			SCG 206
Mounting		**Size**	**Z110**
	A	mm	206
	B	mm	118
	C	mm	128
Centering	**D**	mm	110
	E	mm	9
Connection bore for tube bundle (dia. - depth - No.)	**F**	mm	Ø10 x 12mm - 4 x 90°
Fixing bolt circle	**N**	mm	158
Fixing bolt	**O**	mm	M10 (4x)
Min. thread engagement of the fixing bolt	**P**	mm	13
Bolt-circle for centerpoint (dia. - size - depth - No.)	**Z**	mm	Ø56 - M6 x 8 - 4 x 90°
Bolt-circle for tube bundle (3x) Radius	**R1**	mm	18
Bolt-circle for tube bundle (1x / clamping jaws 1+3) Radius	**R2**	mm	20
Bolt-circle (dia. - size - depth)	**S**	mm	Ø170.9 - M8 x 8
Bolt-circle (dia. - size - depth)	**T**	mm	Ø84.8 - M8 x 8
	a	mm	30
	b	mm	43.6
	d1	mm	10.5
	d2	mm	26.5
	d3	mm	25
Thread jaws (3x)	**e**	mm	M8 x 17
Notch	**f** h6	mm	10
	g	mm	3.1
Distance between notch and center of chuck (chuck opened)	**h**	mm	57.75
Pin	**k** h6	mm	6
	m	mm	5
	α	deg.	90
	β	deg.	45
Radial jaw stroke		mm	2
Pressure max.		bar	45
Gripping force max.		kN	55
Speed max.		r.p.m.	500
Weight (without top jaws)		kg	31
Moment of inertia		kg·m²	0.22



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