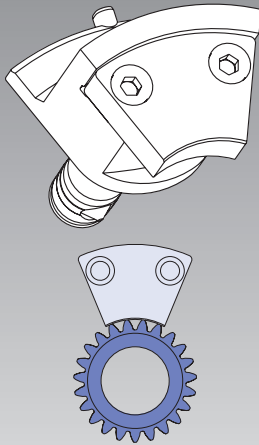


D

Diaphragm chuck
QUICK JAW CHANGE SYSTEMS

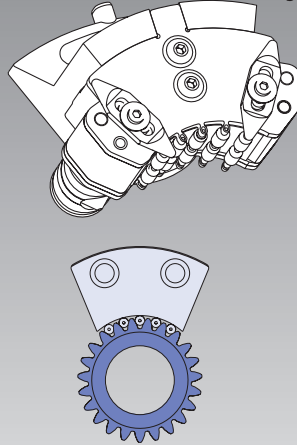
- Clamping jaws
- Closed center rotating cylinder
- Installation

Jaws Type A



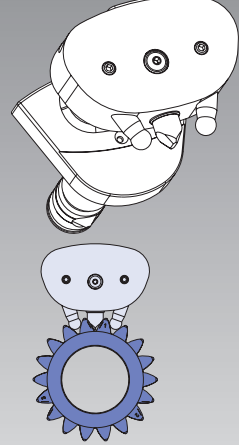
External clamping

Jaws Type B



Pitchline clamping with roller cage

Jaws Type C



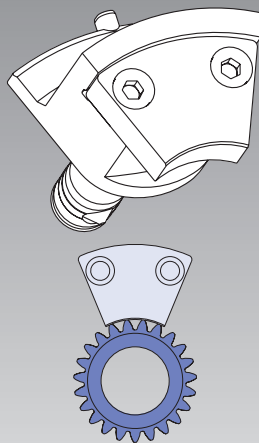
Pitchline clamping with clamping pin

D-KOMBI®

Radial-axial clamping
QUICK JAW CHANGE SYSTEMS

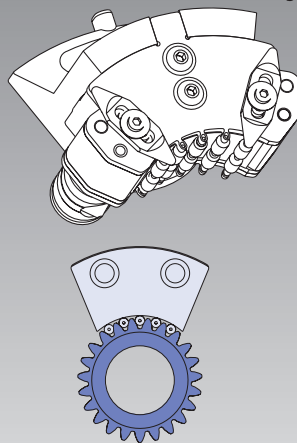
- Clamping jaws
- Rotating double piston cylinder
- Installation

Jaws Type A



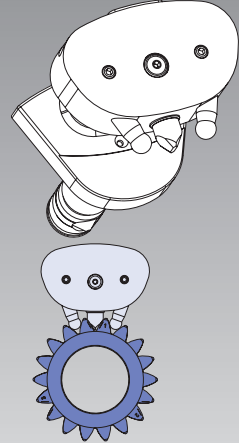
External clamping

Jaws Type B



Pitchline clamping with roller cage

Jaws Type C

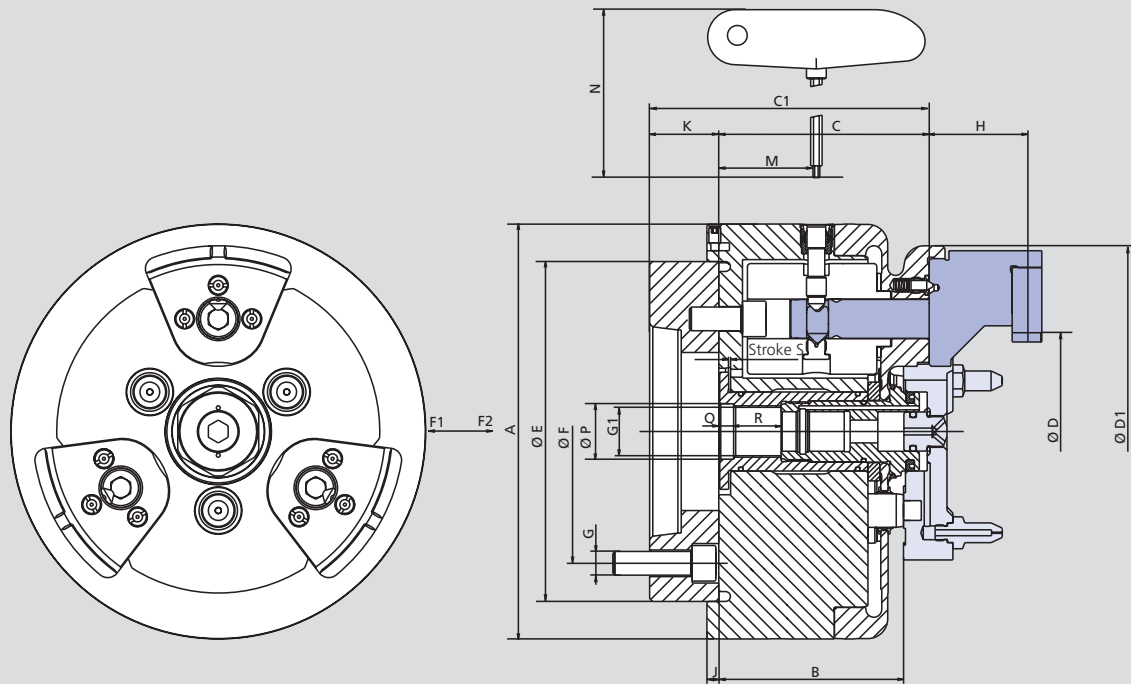


Pitchline clamping with clamping pin

D

Diaphragm chuck QUICK JAW CHANGE SYSTEMS

Main dimensions and technical data



Subject to technical changes.
For more detailed information please ask for customer drawing.

SMW-AUTOBLOK Type			D-210		D-260		D-315
Mounting	Size	A5	A6	A6	A8	A8	
	A	mm	210		260	315	
	B	mm	93.5		108	111	
	C	mm	106.5		120	125	
	C1	mm	146.5		156	173	
Clamping range min./max.	D	mm	20-175		40-220	60-275	
	D1	mm	188		227	275	
	E	mm	172		225	275	
	F	mm	104.8	133.4	133.4	171.4	171.4
	G		M10	M12	M12	M16	M16
	G1		M26 x 1.5		M26 x 1.5		M30 x 1.5
Jaw height	H	mm	52		62	64	
	J	mm	6		6	6	
	K	mm	40		48	48	
	M	mm	49.4		53	57	
	N	mm	185		185	185	
	P H6	mm	28		28	32	
	Q	mm	7		7	7	
	R	mm	24		24	29.5	
Piston stroke min./max.	S	mm	1.0		1.5	1.7	
Jaw stroke at distance H			1.0		1.1	1.2	
Draw pull min./max.*	F1	kN	0-25		0-25	0-25	
Draw push for chuck open	F2	kN	30		30	30	
Moment of inertia		kg·m ²	0.16		0.45	0.75	
Weight without top tooling		kg	30		44	60	
Recommended actuating cylinders	Type		SIN-DFR		SIN-DFR		SIN-DFR

* Additional actuation force to the diaphragm spring clamping force applied by the clamping cylinder

Advice: The max. allowed speed for the application is permanently marked on the corresponding top jaws and must not be exceeded.

Advice: Please note, that it is important, that the cylinder force for pushing and pulling can be set to different values independently.

Important: Never rotate the chuck without inserted jaws, otherwise the centrifugal force compensation mechanism will get damaged.