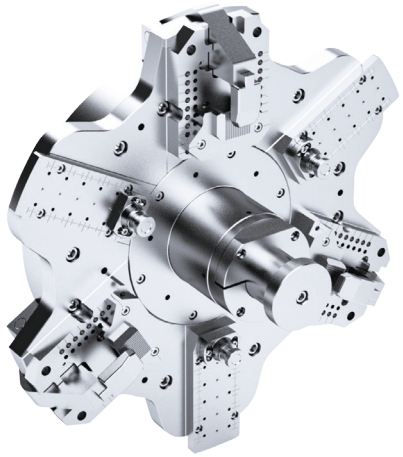
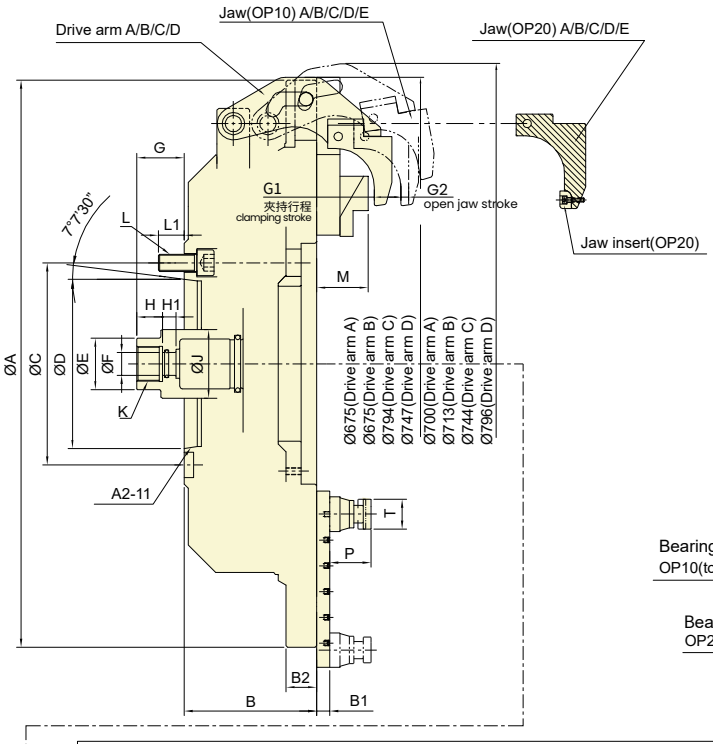
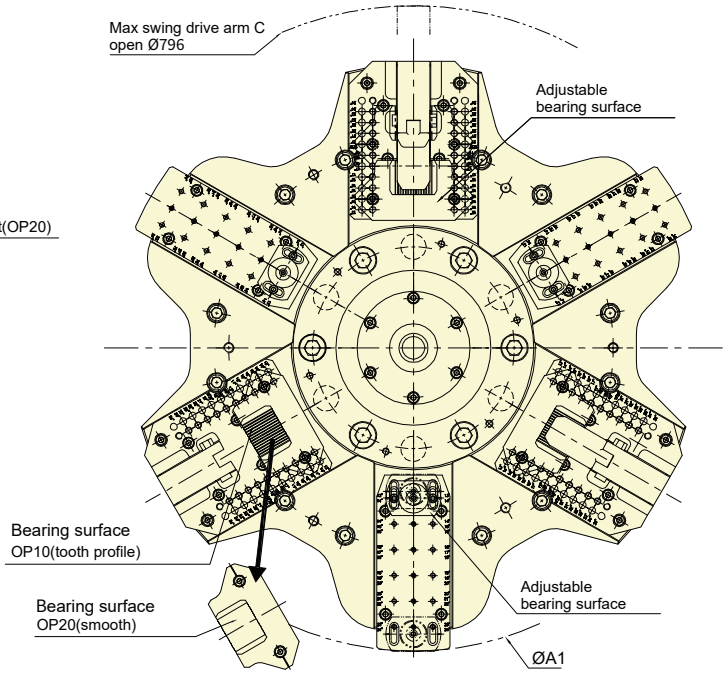
FINGER CHUCK FOR ALUMINUM WHEELS

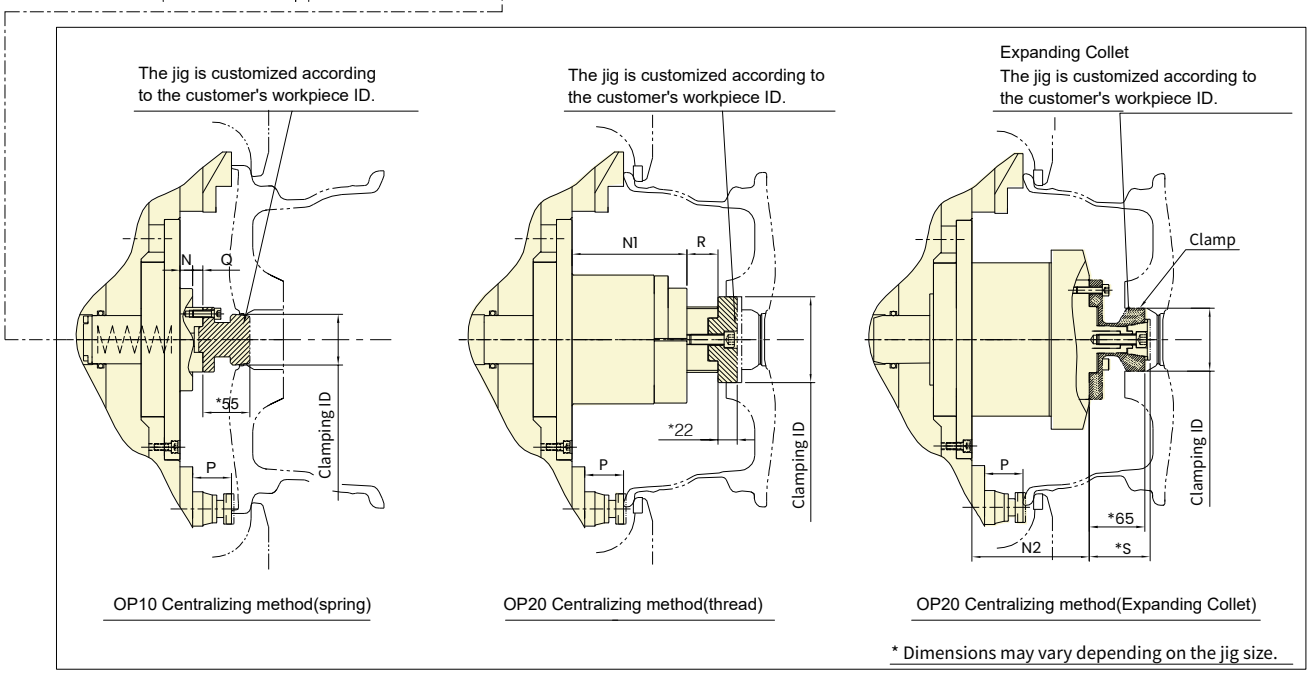


- Made of high-grade alloy steel. All sliding surfaces are surface-hardened and precision-ground to ensure durability and operational stability.
- Designed for rough and finish machining of aluminum alloy wheels for passenger vehicles.
- Accommodates wheel sizes ranging from 13″ to 24″ by adjusting the support and sealing surfaces, and replacing the drive arms and jaws.
- Changeable fixtures allow adaptation to various centering methods required in different machining processes, enhancing precision and production flexibility.
- Compatible with CNC lathes, dedicated wheel machining machines, and mill-turn centers.

■ Optional matching jaws and drive arms available.







* Dimensions may vary depending on the jig size.

FINGER CHUCK FOR ALUMINUM WHEELS

SPECIFICATIONS

Model		Total axial stroke	Open jaw stroke	Clamping stroke	Max. clamping size of the Wheel	Min. clamping size of the Wheel	Max. D.B. pull	Max. clamping force
		mm	mm	mm	inch	inch	kN (kgf)	kN (kgf)
3FW-26	**A11**	40	9	31	24"	13"	34.3(3500)	30.9(3150)

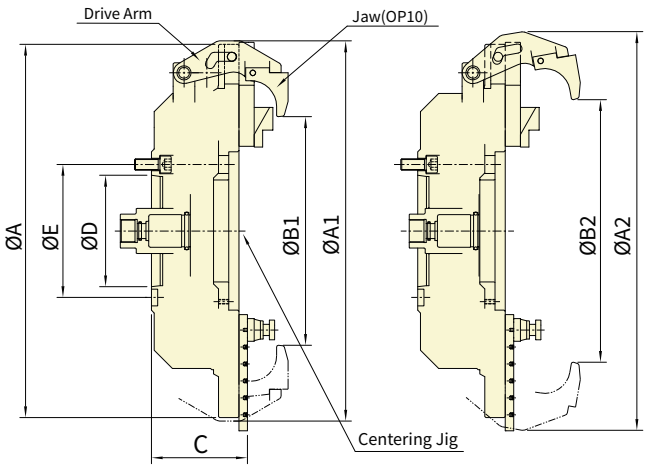
Model		Max. speed	Moment of inertia	Weight (Jig not included)	Weight (OP10 jig included)	Weight (OP20 jig included)	Matching cyl.	Max. pressure
		min^{-1} (r.p.m.)	$kg \cdot m^2$	kg	kg	kg		MPa kgf/cm^2
3FW-26	**A11**	2200	7.3	160	180	190~200	RE-A1340	3.2(33)

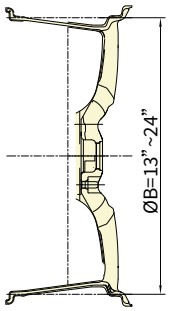
DIMENSIONS

Model		A	A1	B	B1	B2	C	D	E	F	G max.	G min.	G1	G2	H	H1	J
3FW-26	**A11**	660	706	154.5	15	36	235	196.87	60	26.5	55	15	31	9	30	15.5	80

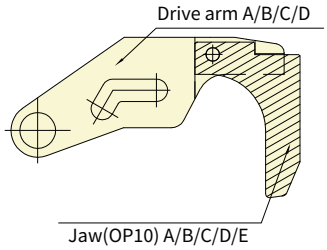
Model		K	L	L1	M	N	N1	N2 max.	N2 min.	P max.	P min.	Q max.	Q min.	R max.	R min.	S max.	S min.	T
3FW-26	**A11**	M40x1.5	6~M20	30	60	15	134	220	38	48	42	15	0	106	32	71.5	66.5	35

FINGER CHUCK FOR ALUMINUM WHEELS-JAW SELECTION (OP10)





ØB is the nominal size of the Wheel

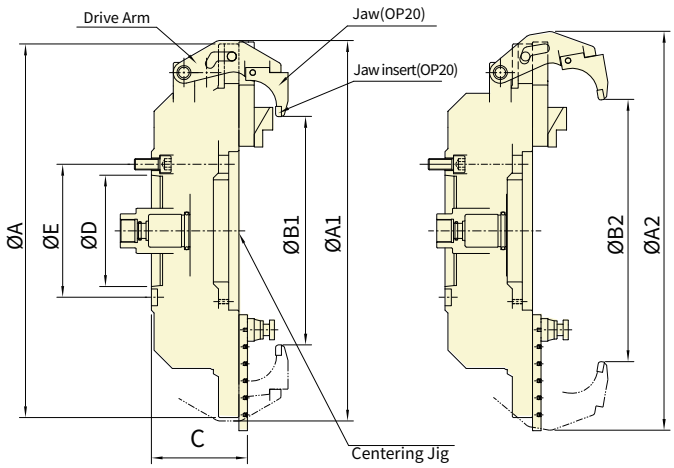


Subject to technical changes

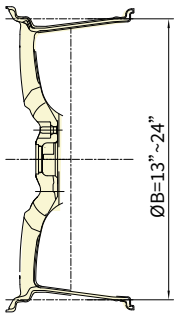
Drive Arm / Wheel size	Drive Arm A		Drive Arm B		Drive Arm C		Drive Arm D	
	Min. ID ØB1	Max. ID ØB2	Min. ID ØB1	Max. ID ØB2	Min. ID ØB1	Max. ID ØB2	Min. ID ØB1	Max. ID ØB2
13"	Jaw A							
	339	400						
14"	Jaw B							
	364	425						
15"	Jaw C							
	392	453						
16"	Jaw D		Jaw A					
	421	482	419	480				
17"	Jaw E		Jaw B					
	445	506	444	505				
18"			Jaw C		Jaw A			
			472	533	477	538		
19"			Jaw D		Jaw B			
			501	502	502	563		
20"			Jaw E		Jaw C		Jaw A	
			525	586	530	591	530	591
21"					Jaw D		Jaw B	
					559	620	555	616
22"					Jaw E		Jaw C	
					583	644	583	644
23"							Jaw D	
							607	668
24"							Jaw E	
							633	694
Max. chuck diameter ØA	Ø660							
Max. OD when CLAMP ØA1	Ø675		Ø675		Ø694		Ø747	
Max. OD when UNCLAMP ØA2	Ø700		Ø713		Ø744		Ø796	
Wheel size ØB	13"~17"		16"~20"		18"~22"		20"~24"	
C	169.5							
ØD	196.87							
ØE	235							

Blocks in the same color indicate that different combinations of drive arms and jaws can be used to clamp wheels of the same size.
The selection depends on the available space of the machine.
For example: Drive Arm A + Jaw D = clamping a 16" wheel, and Drive Arm B + Jaw A can also clamp a 16" wheel.

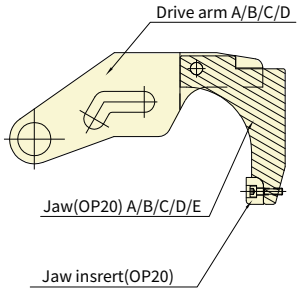
FINGER CHUCK FOR ALUMINUM WHEELS-JAW SELECTION (OP20)



CLAMP UNCLAMP



ØB is the nominal size of the Wheel



Subject to technical changes

Wheel size \ Drive Arm	Drive Arm A		Drive Arm B		Drive Arm C		Drive Arm D	
	Min. ID ØB1	Max. ID ØB2	Min. ID ØB1	Max. ID ØB2	Min. ID ØB1	Max. ID ØB2	Min. ID ØB1	Max. ID ØB2
13"	Jaw A							
	335	396						
14"	Jaw B							
	362	423						
15"	Jaw C							
	392	453						
16"	Jaw D		Jaw A					
	417	478	415	476				
17"	Jaw E		Jaw B					
	445	506	442	503				
18"			Jaw C		Jaw A			
			472	553	473	534		
19"			Jaw D		Jaw B			
			497	558	500	561		
20"			Jaw E		Jaw C		Jaw A	
			525	586	530	591	526	587
21"					Jaw D		Jaw B	
					555	616	553	614
22"					Jaw E		Jaw C	
					583	644	583	644
23"							Jaw D	
							603	664
24"							Jaw E	
							633	694
Max. chuck diameter ØA	Ø660							
Max. OD when CLAMP ØA1	Ø675		Ø675		Ø694		Ø747	
Max. OD when UNCLAMP ØA2	Ø700		Ø713		Ø744		Ø796	
Wheel size ØB	13"~17"		16"~20"		18"~22"		20"~24"	
C	169.5							
ØD	196.87							
ØE	235							

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