



CHUCK

4-Jaw Lever Type Power Operated Chuck with Closed Centre HW series

**Steadily grips block, oval, or any irregular shaped works
Self Centring Mechanism (2+2 Jaws)**



Standard Chuck

● Self Centring Mechanism

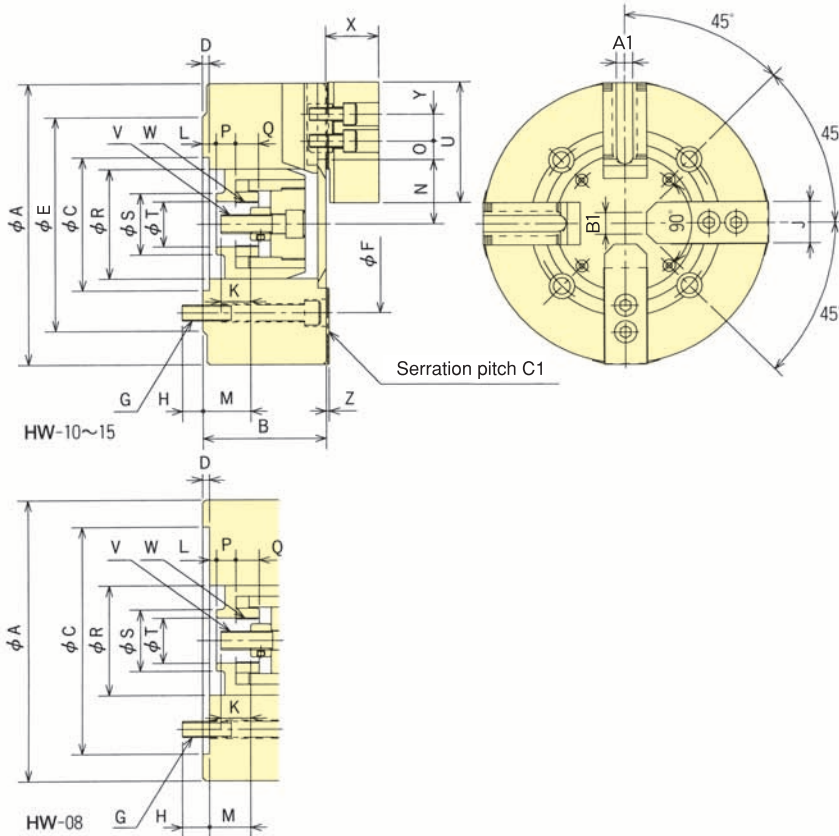
2 independent Jaw sets give Dual Action clamping allowing irregular shapes to be easily gripped. Consequently, it is the best to chuck a deformed work such as a square shape and elliptical shape.

● Long Stroke

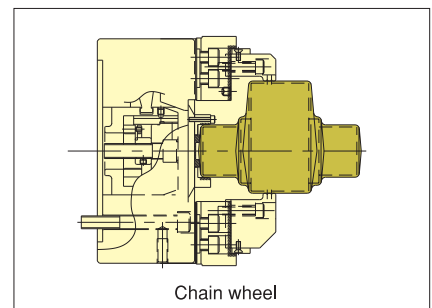
Long Jaw Stroke ensures components with variation are gripped securely.

*CE correspondence

■ Dimensional Drawings

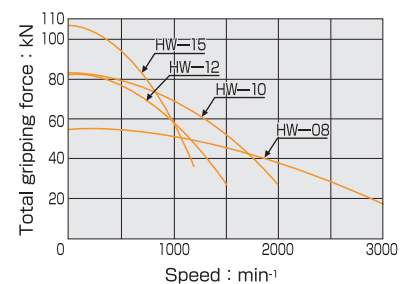


Gripping Example



Gripping Characteristic Graphs

*With standard blank soft top jaw.



■ Dimensions

Model	A		B		C (H6)		D	E	F	G	H	J	K	L		M		N		O		P	Q	R	S	T	U	V	W	X	Y	Z	A1	B1	C1
	max.	min.	max.	min.	max.	min.								max.	min.	max.	min.																		
HW-08	210	91	170	5	-	133.4	4-M12	20	31	29	10.5	-6.5	39	22	50.3	43.7	26.75	9.25	17.5	17	82	46	34	90	M14x2.0	M34x1.5	39	20	2	12	16	1.5			
HW-10	270	110	120	5.5	200	170	4-M16	24	40	31	18	-4	49	27	64	56	28	13	20	20	103	58	42	110	M16x2.0	M42x1.5	45	30	5	16	-	3.0			
HW-12	304	110	120	5.5	200	170	4-M16	24	40	31	18	-4	49	27	64	56	49	13	20	20	103	58	42	110	M16x2.0	M42x1.5	45	30	5	16	-	3.0			
HW-15	381	135	195	7.5	285	235	4-M20	30	50	55	26	1	59.5	34.5	78	69.5	66.5	12.5	18.5	24	130	78	55	129	M20x2.5	M55x2.0	53	38	5	18	-	3.0			

■ Specifications

Model	Gripping range mm		Jaw Stroke (diameter) mm	Plunger Stroke mm	Max. Draw Bar* (Per of Plunger) kN (kgf)	Max. Gripping Force* (Per of Jaw) kN (kgf)	Max. Speed min⁻¹	Net Weight with Soft top jaws kg	Moment of inertia kg·m²	Matching Cylinder	Max. pressure MPa(kgf/cm²)	Matching Soft top jaw
	Max.	Min.										
HW-08	210	26	13.2	17	16.5(1683)	28.0(2855)	3000	23.0	0.153	YW1220R	1.71 (17.4)	SB08A2Q
HW-10	270	54	16	22	23.0(2345)	42.0(4283)	2000	50.0	0.500	YW1225R	2.29 (23.4)	SB10A2Q
HW-12	304	54	16	22	23.0(2345)	42.0(4283)	1500	58.0	0.700	YW1225R	2.29 (23.4)	SB10A2Q
HW-15	381	63	17	25	28.0(2855)	54.0(5506)	1200	118.0	2.250	YW1225R	2.73 (27.8)	SB15A2Q

*In chuck total, both maximum allowable input value and static gripping force value are double on the above list.

*The movement order of jaw cannot be assigned in combination with YW cylinder. (Contact to Kitagawa when assignment is required.)