



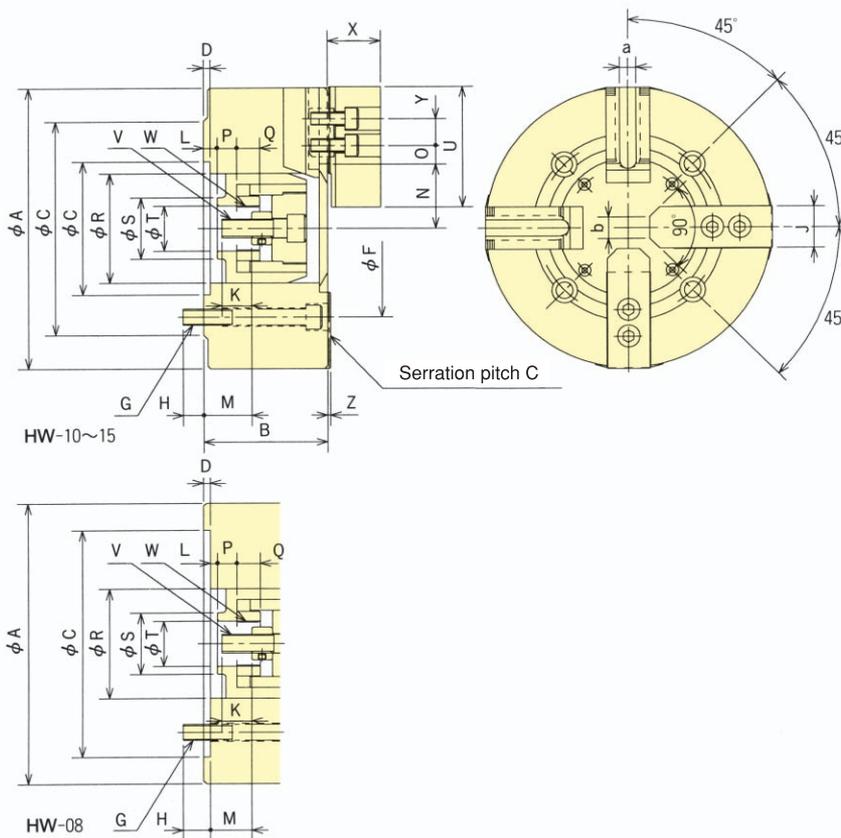
CHUCK

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

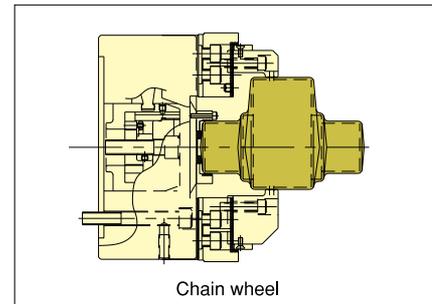
**Self-centering structure
Steadily grips block, oval,
or any irregular shaped works**



Dimensional Drawings

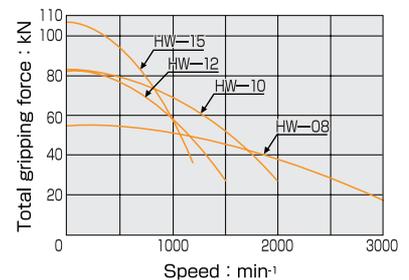


Gripping Example



Gripping Characteristic Graphs

※With standard blank soft top jaw.



Dimensions

Model	Dimensions																				A	B	C (H6)	D	E	F	G	H	J	K	L max.	L min.	M max.	M min.	N max.	N min.	O max.	O min.	P	Q	R	S	T	U	V	W	X	Y	Z	a	b	c
	Gripping range mm			Max. Draw bar Pull Force kN (kgf)		Max. Gripping Force kN (kgf)		Max. Speed min ⁻¹ (r.p.m.)		Net Weight with soft top jaws kg		Moment of inertia kg·m ²		Matching Cylinder		Max. pressure MPa(kgf/cm ²)		Matching Soft top jaw																																		
HW-08	210	91	170	5	-	133.4	4-M12	20	31	29	10.5	6.5	39	22	50.3	43.7	28.75	9.25	17.5	17	82	46	34	90	M14×2.0	M34×1.5	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	M16×2.0	M42×1.5	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	M16×2.0	M42×1.5	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	M20×2.5	M55×2.0	53	38	5	18	-	3.0																				

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

Model	Jaw Stroke (diameter) mm	Plunger Stroke mm	Gripping range mm		Max. Draw bar Pull Force kN (kgf)		Max. Gripping Force kN (kgf)		Max. Speed min ⁻¹ (r.p.m.)		Net Weight with soft top jaws kg		Moment of inertia kg·m ²		Matching Cylinder		Max. pressure MPa(kgf/cm ²)		Matching Soft top jaw	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
HW-08	13.2	17	210	26	16.5	(1683)	56	(5710)	3000		23		0.153		YW1220R	1.71	(17.4)	SB08B1Q		
HW-10	16	22	270	54	23	(2345)	84	(8565)	2000		50		0.500		YW1225R	2.29	(23.4)	SB10A2Q		
HW-12	16	22	304	54	23	(2345)	84	(8565)	1500		58		0.700		YW1225R	2.29	(23.4)	SB10A2Q		
HW-15	17	25	381	63	28	(2855)	108	(11013)	1200		118		2.250		YW1225R	2.73	(27.8)	SB15A2Q		