

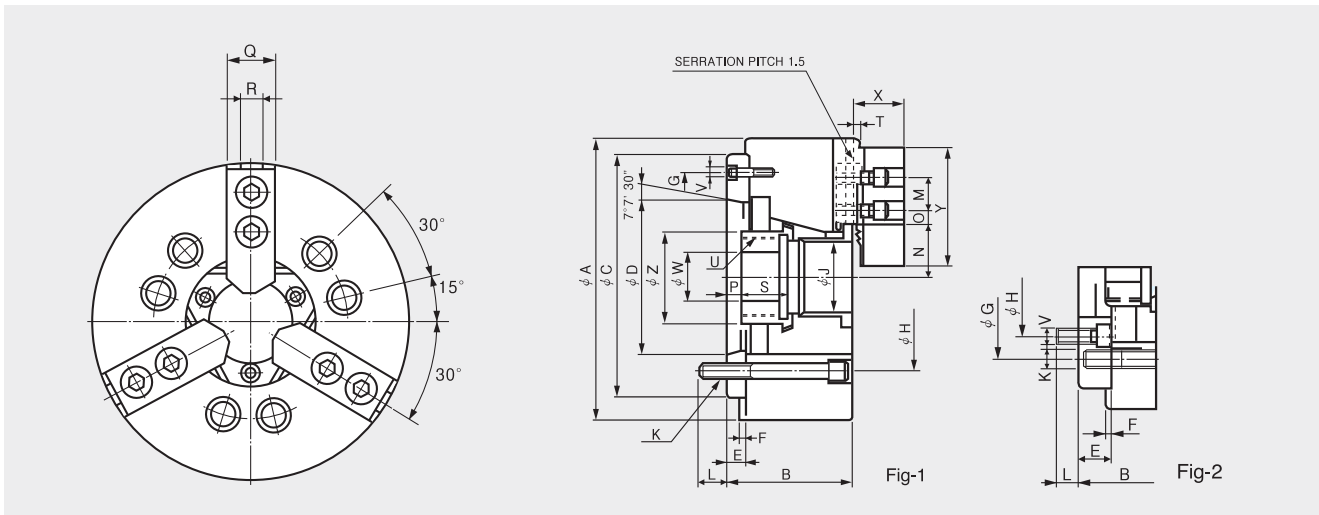
HCH-A

3-Jaw Open-Center Chuck with adaptor (165mm - 304mm)



- 3-jaw wedge-style power chuck with adaptor plate

HYDRAULIC CHUCK



Dimensions

	A	B	C(H6)	D	E	F	G	H	J	K	L	M	Nmax.	Nmin.	Omax.	Omin.	Pmax.	Pmin.	Q	R	S	T	Umax.	V	W	X	Y	Z
HCH-06A05	165	93	140	82.563	15	5	116	104.8	33	6-M10	14	20	27.5	24.75	25.75	10.75	25	13	31	12	24	4	M42x1.5	3-M6	16	35	72	48.8
HCH-08A06	210	103	170	106.375	17	5	150	133.4	46	6-M12	18	25	35.7	32	31.25	13.25	20	4	35	14	30	5	M55x2.0	6-M6	30	42	95	61
HCH-10A06	254	120	220	106.375	25	5	171.4	133.4	65	6-M16	18.5	30	50	45.6	32.75	12.75	19	0	40	16	35	5	M75x2.0	6-M12	45	46	110	84.5
HCH-10A08	254	113	220	139.719	18	5	190	171.4	65	6-M16	25	30	50	45.6	32.75	12.75	12	-7	40	16	35	5	M75x2.0	3-M8	45	46	110	84.5
HCH-12A06	304	129	220	106.375	25	6	171.4	133.4	78	6-M16	18.5	30	58	52.7	48.75	12.75	33	10	49	18	38	5	M88x2.0	6-M12	50	53.5	129	96
HCH-12A08	304	122	220	139.719	18	6	190	171.4	78	6-M16	25	30	58	52.7	48.75	12.75	26	3	49	18	38	5	M88x2.0	3-M8	50	53.5	129	96

※Blank and machined draw-nuts are available.

※"U" is Max. Draw nut size.

※ Refer to Fig-2 for HAH-12A06

Specifications

	Spindle Nose No.	Thru Hole Diameter.(mm)	Grip Dia. (mm)		Jaw STROKE Diameter. (mm)	PLUNGER STROKE (mm)	Permissible Input Force KN(kgf)	Max. Static Gripping Force KN(kgf)	Max. rpm min ⁻¹ (rp.m)	weight kgf	GD ² N·m ² (kgf·m ²)	Operating Cylinder	Max. Hydraulic Pressure MPa(kgf/cm ²)	Operating HARD JAW	KITAGAWA Model
			Max.	Min.											
HCH-06A05	A2-5	33	165	12	5.5	12	20(2039)	51(5200)	5000	15	2.16(0.22)	SH-13046	2.2(22.4)	HB06A1	B-06A5
HCH-08A06	A2-6	46	210	13	7.4	16	31(3161)	78(7954)	4000	27	5.98(0.61)	SH-15052 (SYH-1522)	2.2(22.4)	HB08A1	B-08A6
HCH-10A06	A2-6	65	254	25	8.8	19	38(3875)	99(10095)	3500	44	14.71(1.50)	SH-18077 (SYH-1877)	2.3(23.5)	HB10A1	B-10A6
HCH-10A08	A2-8	65	254	25	8.8	19	38(3875)	99(10095)	3500	41	14.02(1.43)	SH-18077 (SYH-1877)	2.3(23.5)	HB10A1	B-10A8
HCH-12A06	A2-6	78	304	19	10.6	23	49(4997)	129(13150)	3000	69	31.38(3.20)	SYH-2091	2.3(23.5)	HB12B1	B-12A6
HCH-12A08	A2-8	78	304	19	10.6	23	49(4997)	129(13150)	3000	66	30.79(3.14)	SYH-2091	2.3(23.5)	HB12B1	B-12A8

※ Maximum turning speed is based on actual measurements.

※ Specifications are subject to change without notice.

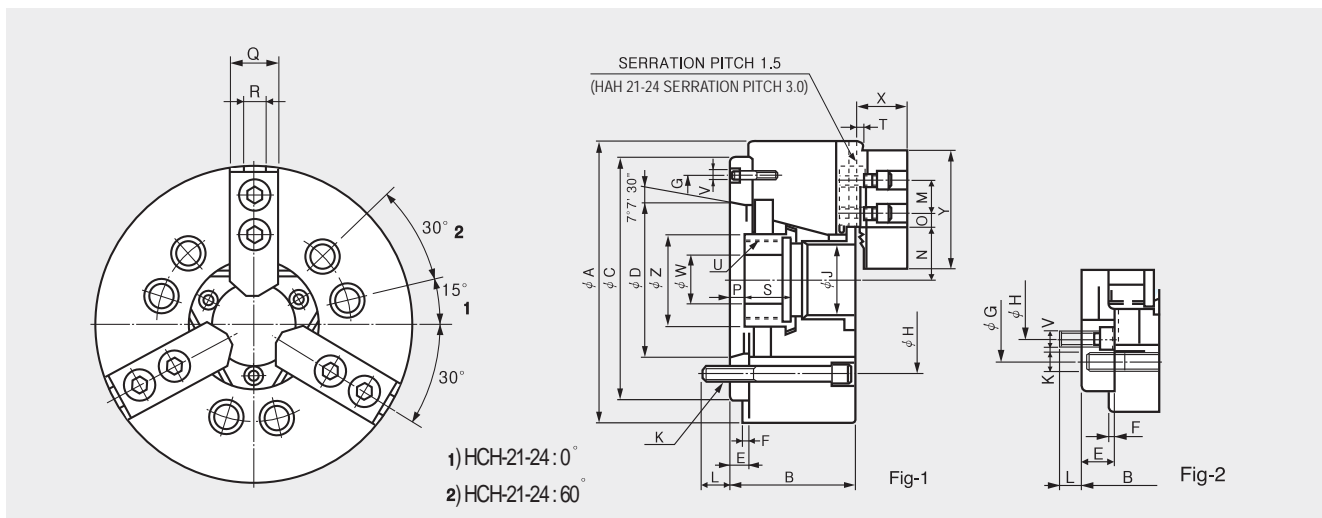
HCH-A

3-Jaw Open-Center Chuck with adaptor (381mm - 610mm)



■ 3-jaw wedge-style power chuck with adaptor plate

HYDRAULIC CHUCK



Dimensions

	A	B	C(H6)	D	E	F	G	H	J	K	L	M	Nmax.	Nmin.	Omax.	Omin.	Pmax.	Pmin.	Q	R	S	T	Umax.	V	W	X	Y	Z
HCH-15A08	381	160	300	139.719	33	6	235.0	171.4	117.5	6-M20	24	43	82	76.7	43.75	18.25	44	21	62	22	39	5	M130x2.0	6-M16	60	70	165	139
HCH-15A11	381	149	300	196.869	22	6	260	235.0	117.5	6-M20	28	43	82	76.7	43.75	18.25	33	10	62	22	39	5	M130x2.0	3-M10	60	70	165	139
HCH-18A11	450	149	380	196.869	22	6	320	235.0	117.5	6-M20	28	43	82	76.7	78.25	18.25	33	10	62	22	39	5	M130x2.0	3-M10	60	70	165	139
HCH-21A15	530	161	380	285.775	27	6	330.2	330.2	140	6-M22	34	60	98.5	93.2	87.5	21.5	38	15	65	25	39	5	M155x3.0	3-M12	80	72	180	170
HCH-24A15	610	170	380	285.775	27	6	330.2	330.2	165	6-M22	35	60	108	102.7	117.5	21.5	47	24	65	25	40	5	M175x3.0	3-M12	80	72	180	187

※ Blank and machined draw-nuts are available.

※ "U" is Max. Draw nut size.

※ Refer to Fig-2 for HAH-15A8.

※ HAH-21A15 and HAH-24A15 are available with M22 or M24 mounting bolts.

Specifications

	Spindle Nose No.	Thru Hole Diameter(mm)	Grip Dia. (mm)		Jaw STROKE Diameter. (mm)	PLUNGER STROKE (mm)	Permissible Input Force KN(kgf)	Max. Static Gripping Force KN(kgf)	Max. r.p.m min ⁻¹ (r.p.m)	weight kgf	GD ² N·m ² (kgf·m ²)	Operating Cylinder	Max. Hydraulic Pressure MPa(kgf/cm ²)	Operating HARD JAW	KITAGAWA Model
			Max.	Min.											
HCH-15A08	A2-8	117.5	381	30	10.6	23	71(7240)	180(18355)	2500	134	96.89(9.88)	SH-25011	2.3(23.5)	HB15A1	B-15A8
HCH-15A11	A2-11	117.5	381	30	10.6	23	71(7240)	180(18355)	2500	127	93.55(9.54)	SH-25011	2.3(23.5)	HB15A1	B-15A11
HCH-18A11	A2-11	117.5	450	30	10.6	23	71(7240)	180(18355)	2000	178	187.30(19.1)	SH-25011	2.3(23.5)	HB15A1	B-18A11
HCH-21A15	A2-15	140	530	87	10.6	23	90(9177)	234(23861)	1700	246	362.83(37.0)	SH-25011	3.0(30.6)	HB18B2	B-21A15
HCH-24A15	A2-15	165	610	110	10.6	23	90(9177)	234(23861)	1400	304	660.94(67.4)	SYHL-2816	3.0(30.6)	HB18B2	B-24A15

※ Maximum turning speed is based on actual measurements.

※ Specifications are subject to change without notice.