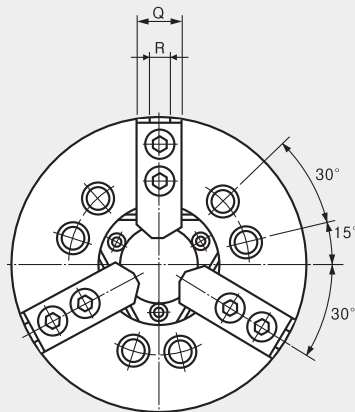


HCH

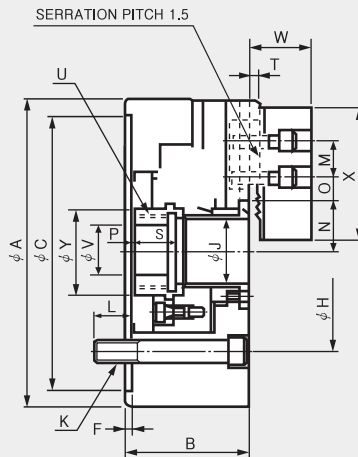
STANDARD 3-JAW OPEN-CENTER CHUCK (110MM - 304MM)



Standard 3-jaw wedge-type open-center chuck



HCH-04~12



Dimensions

	A	B	C(H6)	F	H	J	K	L	M	Nmax.	Nmin.	Omax.	Omin.	Pmax.	Pmin.	Q	R	S	T	Umax.	V	W	X	Y
HCH-04	110	54	85	4	70.6	21	3-M10	15.5	15	20.0	17.9	14.25	6.75	3.5	-3	19	8	15	2	M28×1.5	13	24	48	34
HCH-06	165	83	140	5	104.8	33	6-M10	14	20	27.5	24.75	25.75	10.75	10	-2	31	12	24	4	M42×1.5	16	35	72	48.8
HCH-08	210	91	170	5	133.4	46	6-M12	20	25	35.7	32	31.25	13.25	3	-13	35	14	30	5	M55×2.0	30	42	95	61
HCH-10	254	100	220	5	171.4	65	6-M16	23	30	50	45.6	32.25	12.75	-25	-6	40	16	35	5	M75×2.0	45	46	110	84.5
HCH-12	304	110	220	6	171.4	78	6-M16	23	30	58	52.7	48.75	12.75	8	-15	49	18	38	5	M88×2.0	50	53.5	129	96

※ Blank and machined draw-nuts are available. ※ HCH-21, HCH-21B, and HCH-24 are available with M22 or M24 mounting bolts.

Specifications

	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~/(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	KITAKAWA Model
		Max.	Min.											
HCH-04	21	110	5	4.2	6.5	8(800)	13(1350)	5500	3.7	0.2(0.024)	HYH-0933	2.2(22.4)	HB04A1	B-04
HCH-06	33	165	12	5.5	12	20(2039)	51(5200)	5000	14	2.00(0.20)	SH-13046 (HYH-1236)	2.2(22.4)	HB06A1	B-06
HCH-08	46	210	13	7.4	16	31(3161)	78(7954)	4000	25	5.59(0.57)	SH-15052 (SYH-1552)	2.2(22.4)	HB08A1	B-08
HCH-10	65	254	25	8.8	19	38(3875)	99(10095)	3500	38	12.94(1.32)	SH-18077 (SYH-1877)	2.3(23.5)	HB10A1	B-10
HCH-12	78	304	19	10.6	23	49(4997)	129(13150)	3000	63	29.71(3.03)	SH-19082	2.3(23.5)	HB12B1	B-12

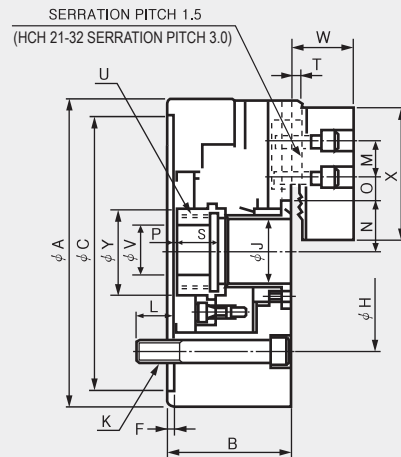
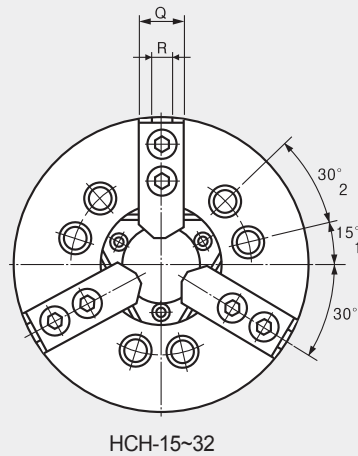
※ Maximum turning speed is based on actual measurements.
 ※ Specifications are subject to change without notice.

HCH

STANDARD 3-JAW OPEN-CENTER CHUCK (381MM - 800MM)



Standard 3-jaw wedge-type open-center chuck



Dimensions

	A	B	C(H6)	F	H	J	K	L	M	Nmax.	Nmin.	Omax.	Omin.	Pmax.	Pmin.	Q	R	S	T	Umax.	V	W	X	Y
HCH-15	381	133	300	6	235.0	117.5	6-M20	30	43	82	76.7	43.75	18.25	11	-12	62	22	39	5	M130×2.0	60	70	165	139
HCH-18	450	133	380	6	235.0	117.5	6-M20	30	43	82	76.7	78.25	18.25	11	-12	62	22	39	5	M130×2.0	60	70	165	139
HCH-21	530	140	380	6	330.2	140	6-M22	31	60	98.5	93.2	87.5	21.5	11	-12	65	25	39	5	M155×3.0	80	72	180	170
HCH-24	610	149	380	6	330.2	165	6-M22	32	60	108	102.7	117.5	21.5	20	-3	65	25	40	5	M175×3.0	80	72	180	187
HCH-32	800	150	520	6	463.6	240	6-M24	31	38	162.6	153.6	182	20	29	-5	75	25.5	34.5	10	M250×3.0	80	83	160	260

※ Blank and machined draw-nuts are available. ※ HCH-21, HCH-21B, and HCH-24 are available with M22 or M24 mounting bolts.

Specifications

	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~(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	KITAKAWA Model
		Max.	Min.											
HCH-15	117.5	381	30	10.6	23	71(7240)	180(18355)	2500	120	89.14 (9.09)	SH-25011 (HYH-2511)	2.3 (23.5)	HB15A1	B-15
HCH-18	117.5	450	30	10.6	23	71(7240)	180(18355)	2000	164	174.6 (17.8)	SH-25011 (HYH-2511)	2.3 (23.5)	HB15A1	B-18
HCH-21	140	530	87	10.6	23	90(9177)	234(23861)	1700	235	351.1(35.8)	SH-25011 (HYH-2511)	3.0(30.6)	HB18B2	B-21
HCH-24	165	610	110	10.6	23	90(9177)	234(23861)	1400	293	651.2(66.4)	SYHL-2816	3.0(30.6)	HB18B2	B-24
HCH-32	240	800	240	18	34	100(10193)	240(24464)	1200	530	598.4(61)	SYHL-2816	3.2(33.6)	HB32B2	-

※ Maximum turning speed is based on actual measurements.

※ Specifications are subject to change without notice.