

## 3-Jaw High-Speed Open-Center Long-Stroke Chuck

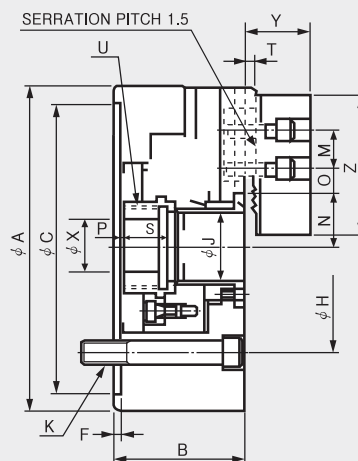
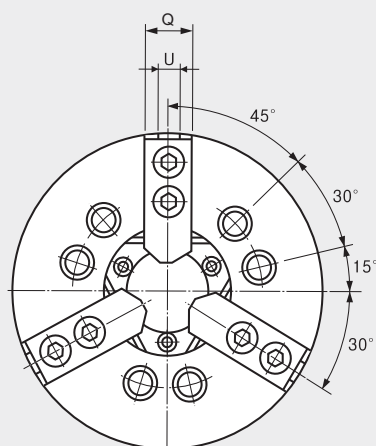


- Long-stroke high-speed 3-jaw wedge-style open-center power chuck

### HYDRAULIC CHUCK



Gripping Force



Grease

It is recommended to grease chucks at least twice a day in order to maximize longevity.

### Dimensions

	ΦA	B	ΦC(H6)	F	ΦH	ΦJ	K	M	Nmax.	Nmin.	Omax.	Omin.	Pmax.	Pmin.	Q	R	S	T	Umax.	W	ΦX	Y	Z
HSL-06	169	84	140	5	104.8	33	6-M10	20	39.3	29.2	16.75	9.25	14	-1	31	12	19	2	M42x1.5	47	20	32.5	72
HSL-08	215	99	170	5	133.4	46	6-M10	25	52.3	39.6	20.7	11.5	15.5	-6.5	35	14	22.5	2	M55x2.0	66	30	39	95
HSL-10	254	110	220	5	171.4	53	6-M16	30	62	46.9	26.2	9.7	14.5	-10.5	40	16	25	2	M65x2.0	80	45	43	110
HSL-12	304	130	220	6	171.4	63	6-M16	30	72.4	54.4	38.2	8.2	15	-15	49	21	28	3	M75x2.0	83	50	50.5	111

※ Blank and machined draw-nuts are available.

※ "U" is Max. Draw nut size.

### Specifications

Type	Thru Hole Dia.	Grip Dia. [mm]		Jaw Stroke Dia.	Plunger Stroke [mm]	Max. Permissible Input Force [kN(kgf)]	Max. Static Gripping Force [kN(kgf)]	Max. R.P.M. [min <sup>-1</sup> (r.p.m.)]	Weight [kgf]	GD <sup>2</sup> [N·m <sup>2</sup> (kgf·m <sup>2</sup> )]	Operating Cylinder	Max. Hydraulic Pressure [Mpa(kgf/cm <sup>2</sup> )]	Operating Hard Jaw	KITAGAWA Model
		Max.	Min.											
HSL-06	33	169	28	20.2	15	27.9(2845)	31.2(3182)	4500	14	1.67(0.17)	SH-13046 (SYH-1246)	3.40(34.7)	HB06A1	BL-206
HSL-08	46	215	32	25.4	22	41.1(4191)	49.0(4997)	3300	25	7.75(0.79)	SH-15052 (SYS-1552)	2.99(30.5)	HB08A1	BL-208
HSL-10	53	254	42	30	25	53.8(5486)	63.0(6427)	3000	45	12(1.2)	SH-18077 (SYH-1877)	3.20(32.6)	HB10A1	BL-210
HSL-12	63	304	43	36	30	69.3(7067)	80.4(8199)	2200	78	36(3.67)	SYH-2091	3.22(32.8)	HB12N1	BL-212

※ Maximum turning speed is based upon actual measurement.

※ Specifications are subject to change without notice.

※ Samchully Machinery Co., Ltd. is no longer an OEM manufacturer for Kitagawa® Iron Works Co., Ltd.