

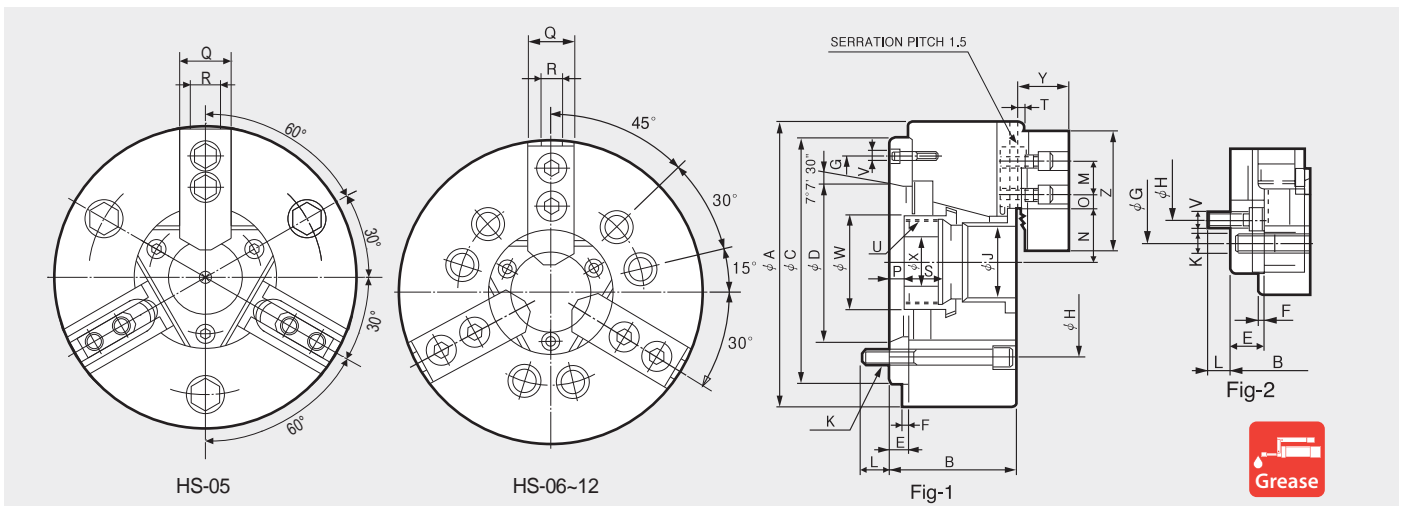
# HS-A

## 3-Jaw High-Speed Open-Center Chuck with Adaptor



- Standard high-speed 3-jaw wedge-style open-center power chuck with adaptor

### HYDRAULIC CHUCK



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

#### Dimensions

	ΦA	B	ΦC(H6)	ΦD	E	F	ΦG	ΦH	ΦJ	K	L	M	Nmax.	Nmin.	Omax.	Omin.	Pmax.	Pmin.	Q	R	S	T	Umax.	V	ΦW	ΦX	Y	Z
HS-05A05	135	72	110	82.56	16	4	104.8	104.8	33	3-M10x75	14	14	26.5	23.8	19.75	7.75	17	7	23	10	20	2	M40x1.5	3xM6	47	-	26	54
HS-06A05	169	91	140	82.563	15	5	116	104.8	46	6-M10x95	16	20	32	2925	22.75	925	26	14	31	12	19	2	M55x2	3xM6	60	20	29	72
HS-08A06	210	103	170	106.375	17	5	150	133.4	52	6-M12x105	18	25	38.7	35	29.75	14.75	31.5	15.5	35	14	20.5	2	M60x2	6xM6	66	30	39	95
HS-10A06	254	120	220	106.375	25	5	171.4	133.4	77	6-M16x100	18.5	30	51	46.6	33.75	14.25	33.5	14.5	40	16	25	2	M75x2	6xM12	94	45	43	110
HS-10A08	254	113	220	139.719	18	5	190	171.4	77	6-M16x120	24	30	51	46.6	33.75	14.25	26.5	7.5	40	16	25	2	M85x2	6xM8	94	45	43	110
HS-12A06	304	129	220	106.375	25	6	171.4	133.4	91	6-M16x110	18.5	30	61.3	56	45.75	15.75	33	10	49	21	28	2	M90x2	6xM12	108	50	50.5	111
HS-12A08	304	122	220	139.719	18	6	190	171.4	91	6-M16x130	25	30	61.3	56	45.75	15.75	26	3	49	21	28	2	M100x2	6xMB	108	50	50.5	111

※ Blank and machined draw-nuts are available.

※ "U" is Max. Draw nut size.

※ Refer to Fig-2 for HS-10A06, HS-12A06.

#### Specifications

Type	Spindle Nose	Thru Hole Dia.		Grip Dia. [mm]		Jaw Stroke Dia. [mm]	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 <sup>®</sup> Model
		[mm]		Max.	Min.											
HS-05A05	A2-5	33	135	12	5.4	10	17.5(1784)	36(3671)	7000	7.5	0.687(0.07)	SYH-1036	3.43(35.0)	HB04N1	B-205	
HS-06A05	A2-5	46	169	15	5.5	12	22(2243)	57(5812)	6000	13.7	2.45(0.250)	SH-13046 (SYH-1246)	2.8(28.6)	HB06A1	B-206A5	
HS-08A06	A2-6	52	210	13	7.4	16	34.8(3549)	86(8769)	5000	23.6	6.9(0.71)	SH-15052 (SYH-1552)	2.65(27)	HB08A1	B-208A6	
HS-10A06	A2-6	77	254	31	8.8	19	43(4385)	111(11319)	4200	41.5	12.75(1.3)	SH-18077 (SYH-1877)	2.7(27.5)	HB10A1	B-210A6	
HS-10A08	A2-8	77	254	34	8.8	19	43(4385)	111(11319)	4200	40	12.65(1.29)	SYH-18077 (SYH-1877)	2.7(27.5)	HB10A1	B-210A8	
HS-12A06	A2-6	91	304	42	10.6	23	55(5608)	144(14684)	3300	67	30.6(3.12)	SYH-2091	2.7(27.5)	HB12N1	B-212A6	
HS-12A08	A2-8	91	304	50	10.6	23	55(5608)	144(14684)	3300	64	30.0(3.06)	SYH-2091	2.7(27.5)	HB12N1	B-212A8	

※ Maximum turning speed is based upon actual measurement.

※ Specifications are subject to change without notice.

※ HS-10A06 and HS-10A08 are available with 75mm and 77mm thru holes.

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