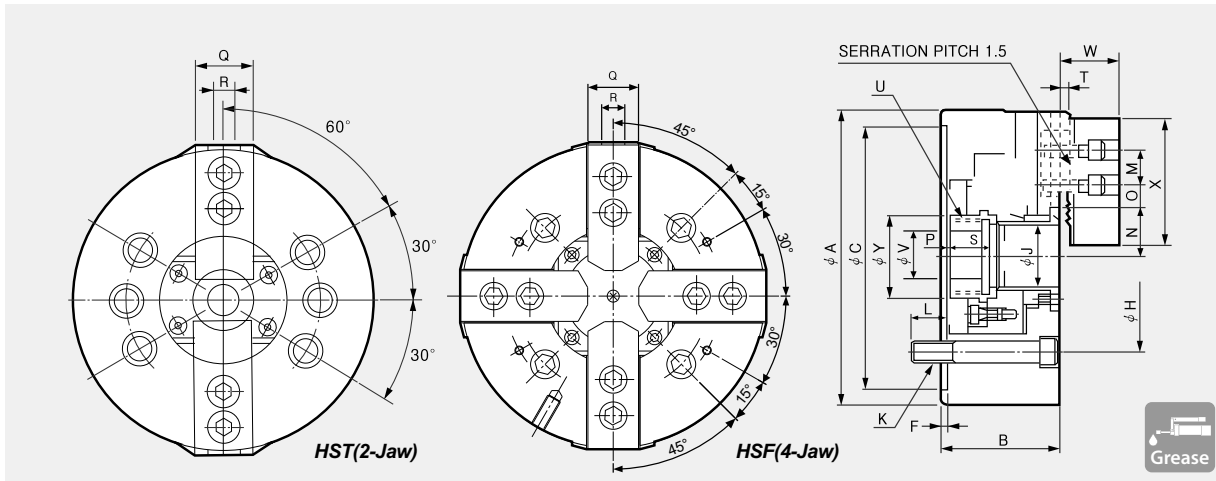


HST / HSF

2-Jaw, 4-Jaw High-Speed Open-Center Chuck

- 2-jaw, 4-jaw high-speed wedge-style open-center power chuck

HYDRAULIC CHUCK



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

Dimensions

	A	B	C(H6)	F	H	J	K	L	M	Nmax.	Nmin.	Omax.	Omin.	Pmin.	Pmax.	Q	R	S	T	Umax.	V	W	X	Y
HST-06	169	81	140	5	104.8	46	6-M10×95	16	20	32	29.25	22.75	9.25	-1	11	31	12	19	2	M55×2.0	20	29	66	60
HST-08	210	91	170	5	133.4	52	6-M12×105	20	25	38.7	35	30	15	-1.5	14.5	35	14	20.5	2	M60×2.0	30	39	95	66
HST-10	254	100	220	5	171.4	77	6-M16×100	22	30	51	46.6	34	14.5	-10.5	8.5	40	16	25	2	M85×2.0	45	43	110	94
HST-12	304	110	220	6	171.4	91	6-M16×110	23	30	61.3	56	45.75	15.75	-15	8	49	21	28	2	M100×2.0	50	50.5	111	108
HSF-08	210	91	170	5	133.4	52	4-M10×105	-	25	38.7	35	29.75	14.75	-1.5	14.5	35	14	20.5	2	M60×2.0	30	39	95	66
HSF-10	254	100	220	5	171.4	77	4-M12×120	-	30	51	46.6	33.75	14.25	-11	8.5	40	16	25	2	M85×2.0	45	43	110	94
HSF-12	304	110	220	5	171.4	91	4-M16×130	-	30	61.3	56	45.75	15.75	-15	8	50	21	28	2	M100×2.0	50	51	111	108

※ Blank and machined draw-nuts are available.

※ "U" is Max. Draw nut size.

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)
		Max.	Min.									
HST-06	46	169	15	5.5	12	14.5(1479)	38(3875)	6000	115	2.21(0.225)	SH-13046 (SYH-1246)	1.85(18.9)
HST-08	52	210	14	7.4	16	23.2(2366)	57.3(5843)	5000	21.3	6.47(0.66)	SH-15052 (SYH-1552)	1.80(18.4)
HST-10	77	254	31	8.8	19	28.5(2906)	74(7546)	4200	33.5	12.06(1.23)	SH-18077 (SYH-1877)	1.80(18.4)
HST-12	91	304	34	10.6	23	36.7(3742)	96(9789)	3300	52	27.46(2.8)	SH-21091 (SYH-2091)	1.81(18.5)
HSF-08	52	210	13	7.4	16	23.2(2366)	57.3(5843)	5000	22.5	6.67(0.68)	SH-15052 (SYH-1552)	1.8(18.4)
HSF-10	77	254	31	8.8	19	28.5(2906)	74(7546)	4200	34.5	1.23(0.13)	SH-18077 (SYH-1877)	1.8(18.4)
HSF-12	91	304	34	10.6	23	36.7(3742)	96(9789)	3300	52	27.47(2.8)	SYH-2091	2.8(28.5)

※ 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.