

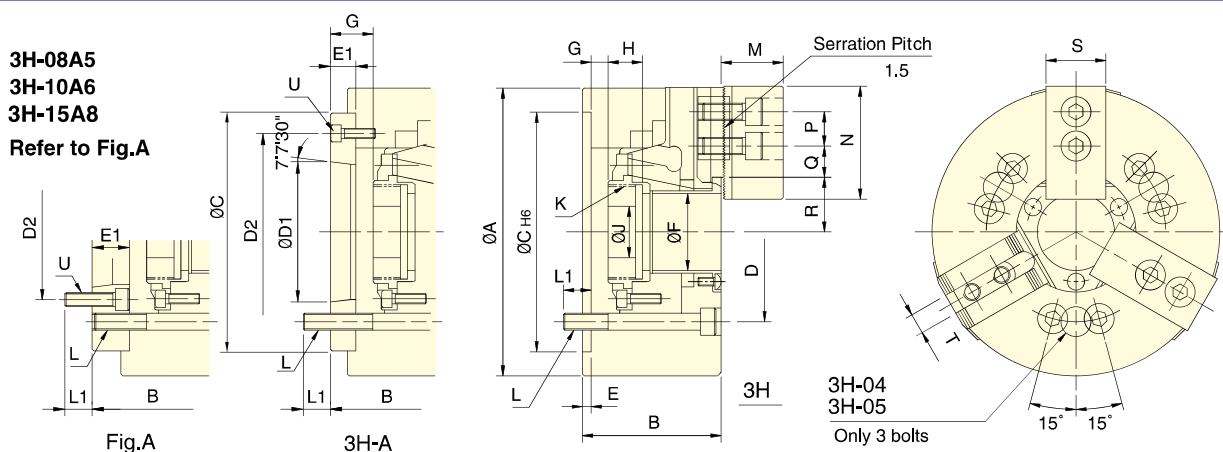


THROUGH-HOLE POWER CHUCK



- It's a WEDGE-HOOK type 3-jaw with the large through-hole.
- Matching surfaces of all parts hardened, ground and lubricated directly.
- Construction of high rigidity and high clamping accuracy.

J value is the hole diameter of blank draw nut, K is the maximum thread specification, and it could be customize.



Subject to technical changes.

The dimensions and the specifications of 3H-A type are in the red data.

Spec. Model	Plunger stroke mm	Jaw stroke(Dia.) mm	Chucking Dia.mm		Max. D.B. pull kN(kgf)	Max. clamping force kN(kgf)	Max. speed (r.p.m)	kg·m ²	Weight kg	Matching cyl.	Max. pressure Mpa (kgf/cm ²)
			Max.	Min.							
3H-04	10	5.4	110	7	13.7(1400)	28.4(2900)	8000	0.01	4	TH-536	2.3(23)
3H-05 A4			135	12	17.1(1750)	35.8(3650)	7000	0.02	6.7 7.5		2.9(29)
3H-06 A5	12	5.5	168	15	21.5(2200)	56.8(5800)	6000	0.06	11.9 13.7	TH-646	2.8(28)
3H-08 A5	16	7.4	210	13	34.3(3500)	85.8(8750)	5000	0.18	22.5 25.4	TH-852	2.8(28)
									23.6		
3H-10 A6	19	8.8	254	31	42.6(4380)	110.7(11300)	4200	0.33	34.5 41.5	TH-1075	2.7(27)
									40		
3H-12 A8			304	34	54.9(5600)	143.6(14650)	3300	0.77	56.6 59.5	TH-1291	2.7(27)
3H-15 A8	23	10.6	381	50	71 (7250)	179.8(18350)	2500	2.47	120 134		
								2.39	127	TH-1512	2.4(24)
3H-18 A11			450				2000	4.78	164 178		

Size Model	A	B	C	D	D1	D2	E	E1	F	G max.	G min.	H	J
3H-04	110	59	85	70.6	-	-	4	-	26	3.5	-6.5	17.5	12
3H-05 A4	135	60 71	110	82.6	63.51	96		15	33	1 16	-9	6	20
3H-06 A5	168	81 91	140	104.8	82.56	116		23	45	11 26	-1	14	19
		109				104.8		17	52	14.5 37.5	-1.5	21.5	20.5
3H-08 A5	210	91 103	170	133.4	106.38	150		25	75	8.5 33.5	-10.5	14.5	25
		120				133.4		18	91	8 26	-15	3	28
3H-10 A6	254	100 113	220	171.4	139.72	190		33	120	11 44	-12	21	39
		110 122				171.4		22				10	60
3H-12 A8	304	110 160											
3H-15 A8	381	133 149	300	235	196.87	260							
3H-18 A11	450												

Size Model	K max.	L	L1	M	N	P	Q max.	Q min.	R max.	R min.	S	T	U
3H-04	M32x1.5	3~M10	16	24	52	14	11.3	6.8	23	20.3	23	10	-
3H-05 A4	M40x1.5		15 15	31	62		19.8	7.8	26.5	23.8	25		3~M6
3H-06 A5	M55x2	6~M10	16	37	73	20	22.8	9.3	32	29.3	31	12	
3H-08 A5	M60x2	6~M12	20	38	95	25	29.8	14.8	38.7	35	35	14	6~M10
													3~M6
3H-10 A6	M85x2	6~M16	22	43	110	30	33.8	14.3	51	46.6	40	16	6~M12
													3~M8
3H-12 A8	M100x2		23 25	51	130		45.8	15.8	61.3	56	50	21	
3H-15 A8			24										6~M16
3H-18 A11	M130x2	6~M20	30	63	165	43	47.3	18.2	80	74.7	62	25.5 or 22	3~M10
			28				79.2						

