

HCHT / HCHF 2-Jaw,4-Jaw Open Center Chuck



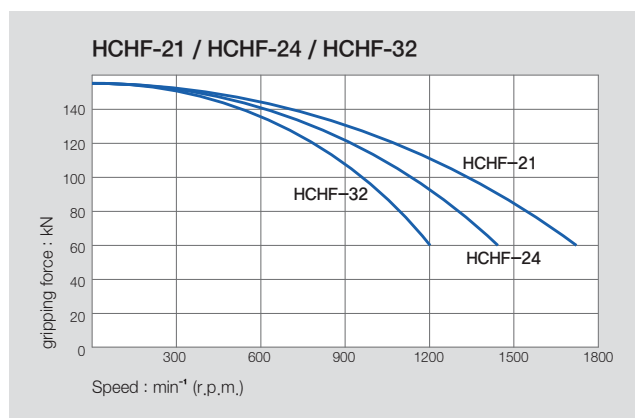
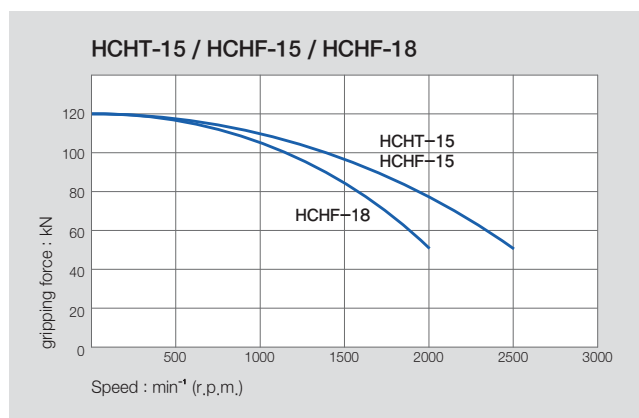
Application / Benefits

For rectangular or square work requiring a through-hole
Large diameters offered for large work

Technical features

Gripping force transmission by wedge structure

ACTUAL GRIPPING FORCE DIAGRAM

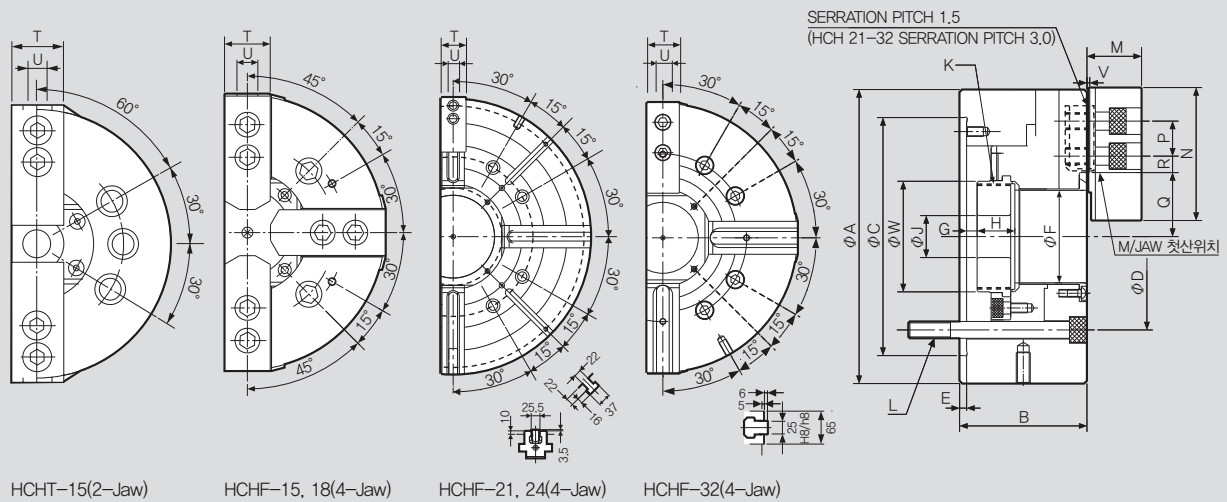


SPECIFICATIONS

	HCHT-15	HCHF-15	HCHF-18	HCHF-21	HCHF-24	HCHF-32
Thru Hole Dia. [mm]	117.5	117.5	117.5	140	166.5	240
Grip Dia. Max [mm]	381	381	450	530	610	800
Grip Dia. Min [mm]	30	30	30	87	110	160
Jaw Stroke Dia. [mm]	10.6	10.6	10.6	10.6	1.06	18
Plunger Stroke [mm]	23	23	23	23	23	34
Max. Permissible Input Force [kN(kgf)]	47(4793)	47(4793)	47(4793)	60(6117)	60(6117)	60(6795)
Max. Static Gripping Force [kN(kgf)]	120(12236)	120(12236)	120(12236)	156(15907)	156(15907)	156(15821)
Max. r.p.m. [min ⁻¹]	2500	2500	2000	1700	1400	1200
Weight [kg]	115	115	159	235	293	530
Moment of inertia [N · m ² (kg · m ²)]	87.28(8.90)	87.3(8.90)	165.8(16.9)	351.2(35.8)	651.4(66.4)	601(61)
Operating Cylinder	SH-25011	SH-25011	SH-25011	SH-25011	SH-25011	SYHL-2816
Max. Hydraulic Pressure [MPa(kgf/cm ²)]	1.5(15.3)	1.5(15.3)	1.5(15.3)	1.97(20.1)	1.97(20.1)	2.2(22.4)
Operating Hard Jaw	HB15A1	HB15A1	HB15A1	HB18B2	HB18B2	HB32B2
KITAGAWA® Model	BT-15	-	-	-	-	-

※ Specifications are subject to change without notice.

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



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

DIMENSIONS

	HCHT-15	HCHF-15	HCHF-18	HCHF-21	HCHF-24	HCHF-32
ΦA	381	381	450	530	610	800
B	133	133	133	140	149	150
$\Phi C(H6)$	300	300	380	380	380	520
ΦD	235	235	235	330.2	330.2	463.6
E	6	6	6	6	6	6
ΦF	117.5	118	118	140	165	240
G max.	11	11	11	11	20	34
G min.	-12	-12	-12	-12	-3	0
H	39	39	39	39	40	34.5
ΦJ	60	60	60	80	80	80
K max.	M130x2.0	M130x2.0	M130x2.0	M155x3.0	M175x3.0	M250x3.0
L	6-M20x150	4-M20x150	4-M20x130	8-M22x140	8-M22x150	8-M24x130
M	70	70	70	72	72	83
N	165	165	165	180	180	160
P	43	43	43	60	60	38
Q max.	82	82	82	98.5	102.7	162.6
Q min.	76.7	76.7	76.7	93.2	108	153.6
R max.	43.75	43.75	78.25	87.5	117.5	182
R min.	18.25	18.25	18.25	21.5	21.5	20
T	62	62	62	65	65	75
U	22	22	22	25	25	25.5
V	5	5	5	5	5	3.5
ΦW	139	139	136	170	187	260

※ Blank and machined draw-nuts are available.

RELATED PRODUCT

