



**CHUCK**

# Scroll Chuck SC·JN

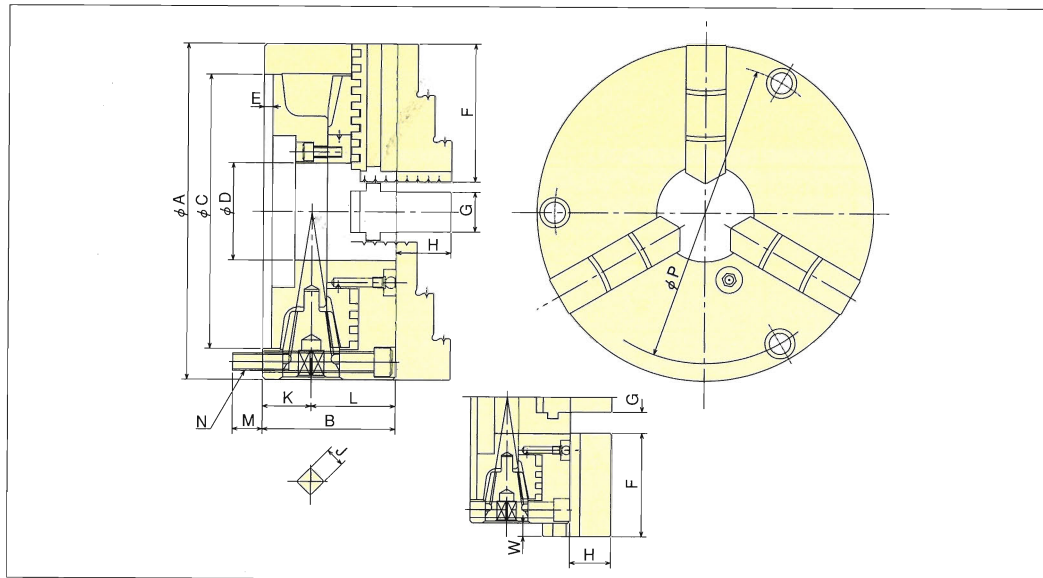
**Only Kitagawa can offer a complete NC Rotary Table and workholding solution**

- Integrated-gripper type
- Steel Body

Steel body is used for increased rigidity and improved durability allowing for high speed operation. (SC body of cast iron, JN body of steel)



## ■ Dimensions



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Values in parentheses are with split jaws.

Model	Dimensions	A	B	C (H6)	D	E	F	G	H	J	K	L	M	N	P	W max.	W min.
		SC-3-106	85	45	60	16	3.5	35	11	15	7	17	28	12	3-M 6	71	1.5
SC-4-105	SC-4F-112	110	58	80	24	4.5	42	14	18	8	24.5	33.5	11	3-M 8	93	2.5	-12
SC-5-107	SC-5F-113	130	60	100	32	4.5	50	16	20	8	22.5	37.5	13.6	3-M 8	113	3.5	-14.5
JN06-101	(JN06T102)	165	65	130	45	5	66	20.5	27 (39)	10	24	41	17	3-M10	145		
JN07-101	(JN07T102)	190	75	155	55	5	78	22.5	31 (42)	11	27.5	47.5	17	3-M10	170		
JN09-101	(JN09T102)	232	84	190	70	6	88	26.5	33 (50)	12	29.5	54.5	19	3-M12	208		
JN10-101	(JN10T102)	273	86	230	85	6	98	26.5	37 (54)	12	31.5	54.5	18.5	3-M12	248		
JN12-101	(JN12T102)	310	96	260	96	7	113	30.5	44 (56)	14	31.5	64.5	18.5	3-M12	282		
	SC-14-103	355	110	300	100	7	132	35	52	15	38	72	27	6-M14	328		
	SC-16-113	405	120	345	110	8	146	40	58	15	43.5	76.5	27	6-M14	375		

## ■ Specifications

Model	Specifications	Max. Gripping Force (kN)	Max. rotation (min <sup>-1</sup> )	Net Weight with Soft top jaw (kg)	Moment of inertia (kg·m <sup>2</sup> )	Gripping range		Handle torque (N·m)
						Outer dia. φ (mm)	Inner dia. φ (mm)	
SC-3-106		9	2500	1.5	0.001	2~ 70	24~ 64	29.4
SC-4-105	SC-4F-112	12	2500	3.1	0.004	3~ 95	29~ 84	44.1
SC-5-107	SC-5F-113	15	2500	4.4	0.009	3~110	33~100	63.7
JN06-101	(JN06T102)	31	4000	8.4	0.030	3~160	48~150	88.3
JN07-101	(JN07T102)	31	3500	12.2	0.060	4~180	56~170	107.9
JN09-101	(JN09T102)	37	2900	21.2	0.160	5~220	62~210	147.0
JN10-101	(JN10T102)	46	2500	28	0.253	5~260	70~250	176.5
JN12-101	(JN12T102)	55	2200	41	0.588	10~300	86~290	206.0
	SC-14-103	40.5	1500	54	0.950	25~315	107~290	225.6
	SC-16-113	55	1500	74	1.275	25~360	113~340	245.0

- Note) 1. One set each of inner and outer jaws are supplied as standard for SC and JN. Soft jaws may not be used.  
 2. One set each of inner, outer and soft jaws are supplied as standard for SC-F. This type is not available larger than 6 inches.  
 3. When using the soft jaws on SC-F, make sure to lower specification.  
 4. A gripping range may be limited by a NC rotary table mounted.