

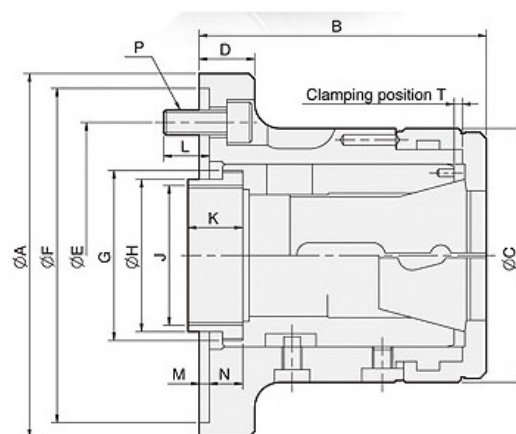


TOOL HOLDER SHOP INC
PRODUCT CATALOG
(c) 2023

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COLLET CHUCK CR42 ADAPTER 140



SKU	Matching Adapter	Bar Capacity (mm)	Sleeve Stroke (mm)	Max.Push Force KN (kgf)	Max.Gripping Force KN (kgf)	RPM	Weight (kg)
SKP064013	140	42	7	25 (2549)	55 (5608)	6000	6.2
SKP064014	170	60	7	30 (3059)	65 (6628)	5000	11.5
SKP064015	220	60	7	30 (3059)	65 (6628)	5000	15.5

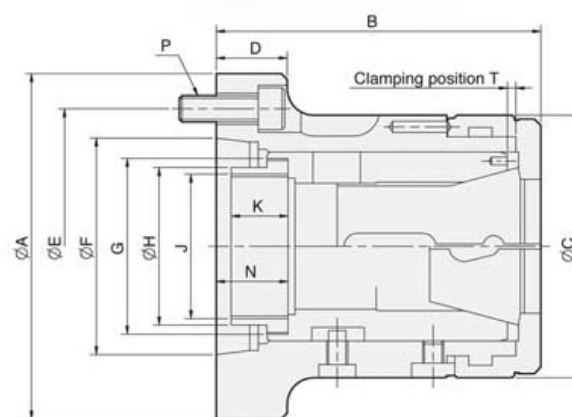
SKU	A (h6)	B	C	D	E	F (h6)	G	H	J max.	K	L	M	N	P	T
SKP064013	155	114	100	23	104.78	140	M66xP1.5	60	M55xP2.0	25	18	6	11.9	3-M10	3.1
SKP064014	185	139	130	30	133.35	170	M90xP1.5	80	M74xP2.0	30	18	6	17.9	6-M12	3.1
SKP064015	235	141	130	32	171.45	220	M90xP1.5	80	M74xP2.0	30	20	6	19.9	6-M16	3.1

CapacitiesChuck	Multibore	Spring Collet
SKP064013	M-673 / 42 / 36 / 30	173E / 4728 / 42 / 36 / 30
SKP064014	M-677 / 60 / 52 / 42	185E / 4291 / 60 / 52 / 42

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
IHS014207	COLLET CHUCK CR42 ADAPTER 140							
IHS014208	COLLET CHUCK CR60 ADAPTER 170							
IHS014209	COLLET CHUCK CR60 ADAPTER 220							

Updated 202302

CR-60A6 STRONG COLLET CHUCK



SKU	Matching Spindle	Bar Capacity (mm)	Sleeve Stroke (mm)	Max. Push Force KN (kgf)	Max. Gripping Force KN (kgf)	Max. Speed (r.p.m.)	Weight (kg)
THS006871	A2-4	26	5	20 (2039)	44 (4486)	7000	4.5
THS006872	A2-4	30	5	20 (2039)	44 (4486)	7000	4.1
THS006873	A2-5	42	7	25 (2549)	55 (5608)	6000	6.2
THS006874	A2-6	42	7	25 (2549)	55 (5608)	6000	8.2
THS004901	A2-6	60	7	30 (3059)	65 (6628)	5000	13
THS006875	A2-8	80	7	35 (3568)	73 (7443)	4000	21

SKU	A	B	C	D	E	F	G	H	J max.	K	N	P	T
THS006871	112	103.5	85	30	82.55	63.513	M50xP1.5	45	M40xP1.5	15	21.7	3-M10	2.3
THS006872	112	103.5	85	30	82.55	63.513	M50xP1.5	45	M40xP1.5	15	21.7	3-M10	2.3
THS006873	135	124	100	27	104.78	82.563	M66xP1.5	60	M55xP2.0	25	27.4	4-M10	3.1
THS006874	170	124	100	32	133.35	106.375	M66xP1.5	66	M60xP2.0	22	27.4	4-M12	3.1
THS004901	170	145	130	27	133.35	106.375	M90xP1.5	80	M74xP2.0	30	29.9	4-M12	3.1
THS006875	220	170	156	35	171.45	139.719	M114xP2.0	99	M90xP2.0	27.5	32.4	6-M16	6.1

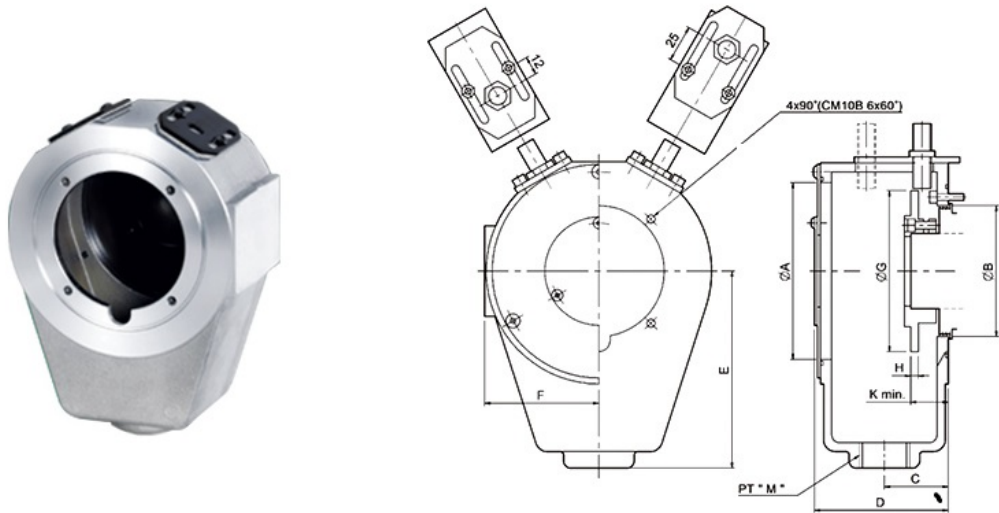
CapacitiesChuck	Multibore	Spring Collet
THS006871	M-667 / 26 / 22 / 18	161E / 8744 / 30 / 26 / 18
THS006872	M-669 / 30 / 26 / 21	163E / 4249 / 30 / 26 / 21
THS006873 THS006874	M-673 / 42 / 36 / 30	173E / 4728 / 42 / 36 / 30
THS004901	M-677 / 60 / 52 / 42	185E / 4291 / 60 / 52 / 42
THS006875	M-660 / 80 / 69 / 56	193E / H-47 / 80 / 69 / 56

Updated 2021.05.12

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004901	CR-60A6 STRONG COLLET CHUCK							
THS006871	CR-26A4 STRONG COLLET CHUCK							
THS006872	CR-30A4 STRONG COLLET CHUCK							
THS006873	CR-42A5 STRONG COLLET CHUCK							
THS006874	CR-42 STRONG COMPATIBLE COLLET CHUCK ADAPTOR A6							
THS006875	CR-80A8 STRONG COLLET CHUCK							
THS017369	CR52 STRONG COMPATIBLE COLLET CHUCK WITH ADAPTOR A6							

Updated 202302

COONAT COLLECTOR WITH DETECTIVE PLATE STRONG CM33B



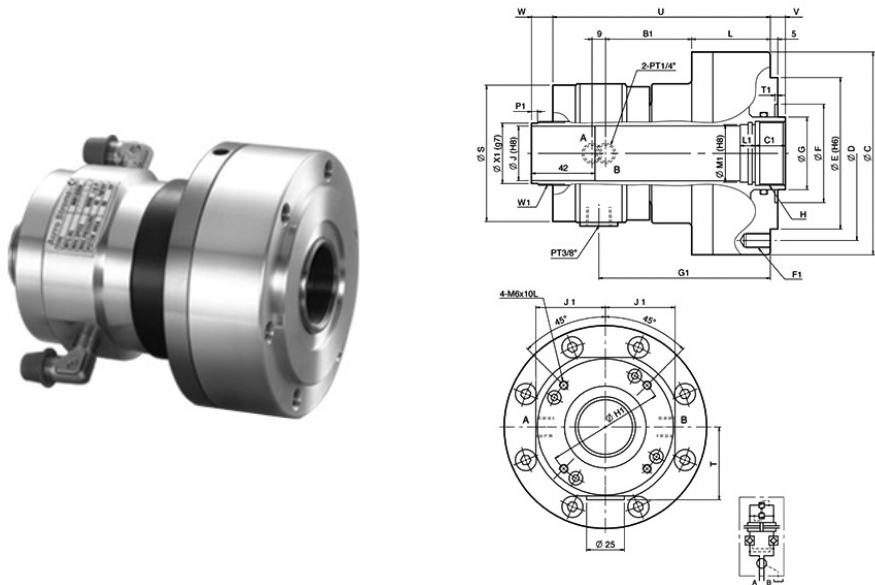
SKU	A	B	C	D	E	F	G	H	K max.	M	Weight (kg)	Matching Cylinder
THS006857	85	67	33	70	105	55.5	77	5	21	PT 3/4"	0.85	M-0928
THS006856	118	75	42	84	131	76	107	5	24	PT 1"	1.6	M-1036
THS006855	118	87	42	84	131	76	107	5	25	PT 1"	1.6	M-1236, M-1246
THS006853	118	98	42	84	131	76	107	5	25	PT 1"	1.6	M-1546, M-1552
THS006851	158	123	44	88.5	151	96	147	5	24	PT 1"	2.0	M-1868, M-1875
THS006847	158	140	44	88.5	151	96	147	5	23	PT 1"	2.1	M-2091
THS006849	198	177	45	90	180	118	192	12	35	PT 1"	2.4	M-2511
THS006848	254	222.6	50	107	260	147	240	8	28	PT 1-1/4"	4	ML-2816
THS006327	305	262.6	49	100	259	170	285	8	28	PT 1-1/4"	6	ML-3320

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS006327	COONAT COLLECTOR WITH DETECTIVE PLATE STRONG CM33B							
THS006847	COONAT COLLECTOR WITH DETECTIVE PLATE STRONG CM20B							
THS006848	COONAT COLLECTOR WITH DETECTIVE PLATE STRONG CM28B							

<u>THS006849</u>	COONAT COLLECTOR WITH DETECTIVE PLATE STRONG CM25B						
<u>THS006851</u>	COONAT COLLECTOR WITH DETECTIVE PLATE STRONG CM18B						
<u>THS006853</u>	COOLANT COLLECTOR WITH DETECTIVE PLATE STRONG CM15B8						
<u>THS006855</u>	COONAT COLLECTOR WITH DETECTIVE PLATE STRONG CM12B						
<u>THS006856</u>	COONAT COLLECTOR WITH DETECTIVE PLATE STRONG CM10B						
<u>THS006857</u>	COONAT COLLECTOR WITH DETECTIVE PLATE STRONG CM09B						

Updated 202302

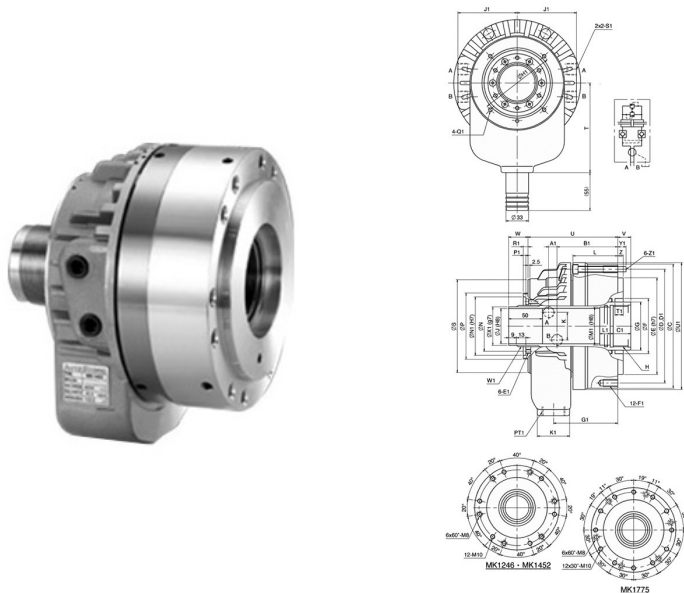
HYDRAULIC CYLINDER MM1036A FOR POWER CHUCK



THS014495	HYDRAULIC CYLINDER MM1246A FOR POWER CHUCK							

Updated 202302

HYDRAULIC CYLINDER OPEN CENTER MK-1881



SKU	Piston Diameter (mm)	Piston Area (cm ²) Push Side / Pull Side	Max.Draw Bar Force KN (kgf) Push Side / Pull Side	Piston Stroke (mm)	Max. Operating Pressure MPa (kgf / cm ²)	Max. Speed (R.P.M.)	Moment of Inertia I (kg / m ²)	Total Leakage L/min
SKP064190	128	102.6 / 91.4	43.6 (4466) / 38.9 (3967)	16	4.5 (45.9)	8000	0.017	3.1
SKP066259	128	102.6 / 91.4	43.6 (4466) / 38.9 (3967)	16	4.5 (45.9)	8000	0.018	3.1
SKP064191	145	133 / 122.6	56.5 (5761) / 52.1 (5313)	22	4.5 (45.9)	6500	0.028	3.9
SKP066260	145	133 / 122.6	56.5 (5761) / 52.1 (5313)	22	4.5 (45.9)	6500	0.029	3.9
SKP066261	170	166 / 152	70.7 (7209) / 64.7 (6597)	25	4.5 (45.9)	5500	0.065	4.5
SKP064192	170	166 / 152	70.7 (7209) / 64.7 (6597)	25	4.5 (45.9)	5500	0.060	4.5
SKP066262	170	166 / 152	70.7 (7209) / 64.7 (6597)	25	4.5 (45.9)	5500	0.059	4.5
SKP066263	180	187 / 171.9	79.5 (8107) / 73.1 (7454)	25	4.5 (45.9)	4800	0.087	4.5

SKU	A1	B1	C1	E1	F1	G1	H1	J1	K1	L1	M1	N1	P1	Q1	R1	S1	T1	U1	W1	X1	Y1	Z1
SKP064190	8.5	79.5	25	M6x10	12-M10x20	84	98	76	47	15	50	76	4	M5x6	9	PT 3/8"	12	165	M52x1.5	50	15	M8
SKP066259	8.5	89.5	30	M6x10	6-M10x20	94	98	76	47	15	50	76	4	M5x6	9	PT 3/8"	8	165	M52x1.5	50	15	M8
SKP064191	9	88	30	M6x12	12-M10x20	93	110	86	47	15	55	85	4	M6x6	16	PT 3/8"	12	184	M58x1.5	56	12	M8
SKP066260	9	95	30	M6x12	6-M10x20	100	110	86	47	15	55	85	4	M6x6	16	PT 3/8"	8	184	M58x1.5	56	15	M8

SKP066261	17.5	99	30	M6x12	12-M10x20	110	155	100	47	15	70	108	4	M6x10	7	PT 1/2"	12	216	M84x2.0	81	18	M10
SKP064192	17.5	99	30	M6x12	12-M10x20	110	155	100	47	15	80	108	4	M6x10	7	PT 1/2"	12	216	M84x2.0	81	18	M10
SKP066262	17.5	99	30	M6x12	12-M10x20	110	155	100	47	15	82	108	4	M6x10	7	PT 1/2"	12	216	M84x2.0	81	18	M10
SKP066263	17	106	35	M6x12	12-M10x20	115	166	105	47	15	85	113	4	M6x10	16.5	PT 1/2"	12	226	M89x2.0	86	19	M10

SKU	C	D	D1	E	F	G	H	J	K	L	N	P	S	T	U	V max.	V min.	W max.	W min.	Z
SKP064190	162	147	147	130	75	65	M55x2.0	46	40	58	64	85	85	120	120	13	-3	44	28	8
SKP066259	162	130	147	100	75	65	M55x2.0	46	40	68	64	85	85	120	130	14	-2	44	28	5
SKP064191	184	165	165	140	80	70	M60x2.0	52	40	68	73	96	96	130	130	19	-3	53.5	31.5	8
SKP066260	186	170	165	130	80	70	M60x2.0	52	40	73	73	96	96	130	137	21	-1	53.5	31.5	5
SKP066261	212	195	195	160	105	95	M75x2.0	68	46	71	98	121	121	160	157	22	-3	50	25	8
SKP064192	212	195	195	160	105	95	M85x2.0	75	46	71	98	121	121	160	157	22	-3	50	25	8
SKP066262	212	195	195	160	105	95	M87x2.0	78	46	71	98	121	121	160	157	22	-3	50	25	8
SKP066263	222	205	205	168	110	100	M90x2.0	81	46	71	103	126	126	175	167	23	-2	58	33	8

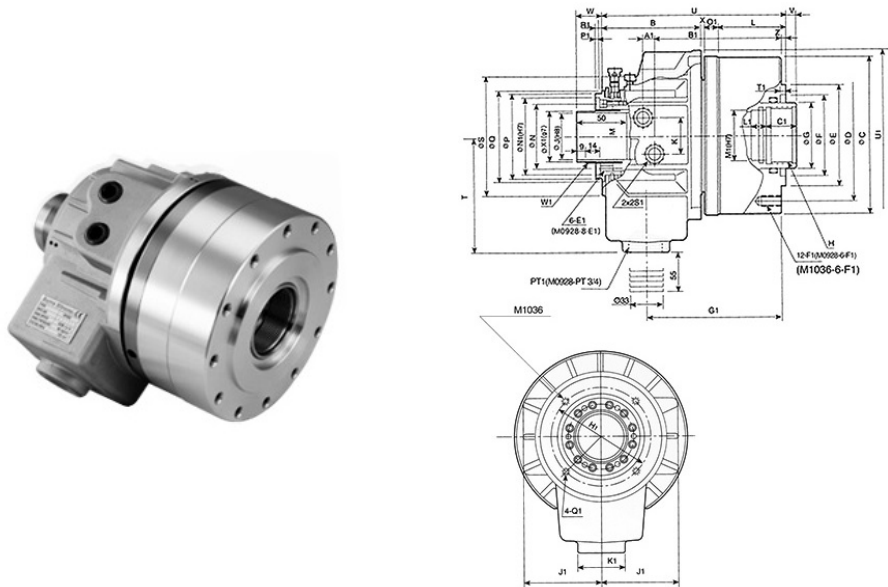
Compatibility with Kitagawa Chucks	
SKP064190	Kitagawa SS-1246K
SKP064191	Kitagawa SS-1452K
SKP066261	Kitagawa SS-1768K
SKP064192	Kitagawa SS-1775K
SKP066262	Kitagawa SS-1778K
SKP066263	Kitagawa SS-1881K

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013892	HYDRAULIC CYLINDER OPEN CENTER MK-1881							
THS014484	HYDRAULIC CYLINDER MK1246 FOR POWER CHUCK							
THS014485	HYDRAULIC CYLINDER MK1246F FOR POWER CHUCK							

<u>THS014486</u>	HYDRAULIC CYLINDER MK1452 FOR POWER CHUCK							
<u>THS014487</u>	HYDRAULIC CYLINDER MK1452F FOR POWER CHUCK							
<u>THS014488</u>	HYDRAULIC CYLINDER MK1768 FOR POWER CHUCK							
<u>THS014489</u>	HYDRAULIC CYLINDER MK1775 FOR POWER CHUCK							
<u>THS014490</u>	HYDRAULIC CYLINDER MK1778 FOR POWER CHUCK							

Updated 202302

HYDRAULIC CYLINDER M1036



SKU	Piston Diameter (mm)	Piston Area (cm ²) Push Side / Pull Side	Max.Draw Bar Force KN (kgf) Push Side / Pull Side	Piston Stroke (mm)	Max. Operating Pressure MPa (kgf / cm ²)	Max. Speed (R.P.M.)	Moment of Inertia I (kg / m ²)	Total Leakage L/min
SKP007812	90	53.2 / 48.3	19.9 (2029) / 18 (1835)	10	40.8	8000	0.006	3.0
SKP007813	105	71 / 68.5	26 (2651) / 25 (2549)	15	40.8	8000	0.011	3.0
SKP066258	105	71 / 66	26 (2651) / 24.5 (2498)	15	40.8	8000	0.011	3.0
SKP007814	125	100 / 89	38 (3875) / 33 (3365)	15	40.8	7000	0.019	3.0
SKP007815	125	100 / 89	38 (3875) / 33 (3365)	15	40.8	7000	0.019	3.0
SKP007816	155	161 / 154	60 (6118) / 57.8 (5894)	22	40.8	6200	0.056	3.9
SKP007817	155	161 / 150	60 (6118) / 56 (5710)	22	40.8	6200	0.052	3.9
SKP007818	180	198 / 197	74 (7546) / 73.5 (7495)	25	40.8	4700	0.098	4.2
SKP064193	180	198 / 183	74 (7546) / 69 (7036)	25	40.8	4700	0.095	4.2
SKP007819	180	198 / 183	74 (7546) / 69 (7036)	25	40.8	4700	0.095	4.2
SKP007820	180	198 / 183	74 (7546) / 69 (7036)	25	40.8	4700	0.095	4.2
SKP007821	205	252 / 234	94 (9585) / 88 (8973)	30	40.8	3800	0.15	4.5
SKP007822	205	252 / 234	94 (9585) / 88 (8973)	30	40.8	3800	0.15	4.5
SKP007823	250	348 / 336	124 (12644) / 120 (12236)	23	40.8	2800	0.45	7.0

SKU	C1	E1	F1	G1	H1	J1	K1	L1	M1	N1	O1	P1	Q1	R1	S1	T1	U1	W1	X1	B	C
SKP007812	25	8-M6x10	6-M8x15	110	76	58	44	15	34	53	14	4	4-M4x7	5	PT 1/4"	5	116	M34x1.5	32	85	120
SKP007813	25	6-M5x10	6-M10x17	126	88	68	53	15	38	64	14	4	6-M5x12	4	PT 3/8"	6	136	M44x1.5	42	101	136
SKP066258	25	6-M5x10	6-M10x17	126	88	68	53	15	40	64	14	4	6-M5x12	4	PT 3/8"	6	136	M44x1.5	42	101	136
SKP007814	25	4-M6x12	12-M10x20	135	98	76	47	15	38	76	14	4	4-M5x12	6	PT 1/2"	6	169	M52x1.5	50	99	154.5
SKP007815	30	4-M6x12	12-M10x20	135	98	76	47	15	50	76	14	4	4-M5x12	6	PT 1/2"	6	169	M52x1.5	50	99	154.5
SKP007816	30	4-M6x12	12-M10x20	145	110	86	47	15	50	85	14	4	4-M6x12	7	PT 1/2"	6	187.5	M58x1.5	56	103	190
SKP007817	30	4-M6x12	12-M10x20	145	110	86	47	15	55	85	16	4	4-M6x12	7	PT 1/2"	6	187.5	M58x1.5	56	103	190
SKP007818	35	4-M6x12	12-M10x20	166	155	101	47	15	70	108	16	4	4-M6x12	7.5	PT 1/2"	6	220	M84x2	81	126	215
SKP064193	35	4-M6x12	12-M10x20	166	155	101	47	15	75	108	16	4	4-M6x12	7.5	PT 1/2"	6	220	M84x2	81	126	215
SKP007819	35	4-M6x12	12-M10x20	166	155	101	47	15	80	108	16	4	4-M6x12	7.5	PT 1/2"	6	220	M84x2	81	126	215
SKP007820	35	4-M6x12	12-M10x20	166	155	101	47	20	82	108	16	4	4-M6x12	7.5	PT 1/2"	6	220	M84x2	81	126	215
SKP007821	35	4-M6x12	12-M12x24	182	165	110	47	20	89	120	16	4	4-M6x12	7	PT 1/2"	6	267	M99x2	96	141	240
SKP007821	35	4-M6x12	12-M12x24	182	165	110	47	15	95	120	16	4	4-M6x12	7	PT 1/2"	6	267	M99x2	96	141	240
SKP007823	45	4-M6x12	12-M16x32	197	206	129	55	20	123	160	18	5	4-M6x12	7	PT 1/2"	6	294	🔧	134.6	186	310

SKU	D	E	F	G	H	J	K	L	N	P	Q	S	T	U	V max.	V min.	W max.	W min.	X	Z	A1	B1
SKP007812	100	80	65	44	M38x1.5	28	25	54	44	59	65	90	105	156	14	4	35	25	3	5	9	108
SKP007813	115	100	65	48	M42x1.5	36	32	62	55	73	88	104	115	174.5	15	0	39	24	2.5	5	11	120.5
SKP066258	115	100	65	50	M44x1.5	38	32	71	55	73	88	104	115	174.5	15	0	39	24	2.5	5	11	120.5
SKP007814	130	100	80	65	M42x1.5	36	36	67	64	85	98	118	114	179	15	0	40	25	4	5	11	126.5
SKP007815	130	100	80	65	M55x2	46	36	67	64	85	98	118	114	179	15	0	40	25	4	5	11	126.5
SKP007816	170	130	85	65	M55x2	46	36	75	73	96	114	137	130	191	22	0	47	25	4	5	11	136
SKP007817	170	130	85	70	M60x2	52	36	75	73	96	114	137	130	191	22	0	47	25	4	5	11	136
SKP007818	190	160	120	85	M75x2	68	36	84	98	121	140	166	160	225	25	0	50	25	4	5	17.5	152.5
SKP064193	190	160	120	95	M78x2	70	36	84	98	121	140	166	160	225	25	0	50	25	4	5	17.5	152.5
SKP007819	190	160	120	95	M85x2	75	36	84	98	121	140	166	160	225	25	0	50	25	4	5	17.5	152.5
SKP007820	190	160	120	95	M87x2	78	36	84	98	121	140	166	160	225	25	0	50	25	4	5	17.5	152.5
SKP007821	215	180	140	110	M93x2	85	36	93	108	138	158	182	185	248	30	0	55	25	3	5	21	166.5
SKP007822	215	180	140	110	M100x2	91	36	93	108	138	158	182	185	248	30	0	55	25	3	5	21	166.5
SKP007823	215	230	166	140	M130x2	117.5	36	89	148	178	190	232	215	290	24	1	38	15	3	6	27	184.5

Compatibility with Kitagawa Chucks

[SKP007812](#)

Kitagawa S-0928

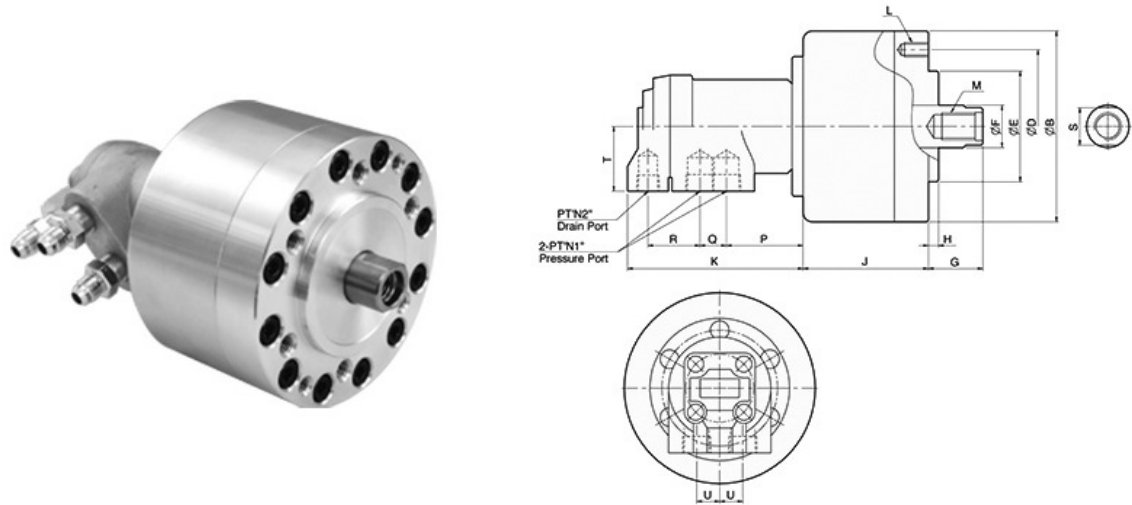
SKP007813	Kitagawa S-1036
SKP066258	Kitagawa S-1038
SKP007814	Kitagawa S-1236
SKP007815	Kitagawa S-1246
SKP007816	Kitagawa S-1546
SKP007816	Kitagawa S-1552
SKP007818	Kitagawa S-1868
SKP064193	Kitagawa S-1870
SKP007819	Kitagawa S-1875
SKP007820	Kitagawa S-1878
SKP007821	Kitagawa S-2085
SKP007822	Kitagawa S-2091
SKP007823	Kitagawa S-2511

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS014219	HYDRAULIC CYLINDER M1036							
THS014466	HYDRAULIC CYLINDER M0928 FOR POWER CHUCK							
THS014467	HYDRAULIC CYLINDER M1038 FOR POWER CHUCK							
THS014468	HYDRAULIC CYLINDER M1236 FOR POWER CHUCK							
THS014469	HYDRAULIC CYLINDER M1246 FOR POWER CHUCK							
THS014471	HYDRAULIC CYLINDER M1546 FOR POWER CHUCK							
THS014472	HYDRAULIC CYLINDER M1552 FOR POWER CHUCK							
THS014473	HYDRAULIC CYLINDER M1868 M1768 FOR POWER CHUCK							
THS014474	HYDRAULIC CYLINDER M1870 FOR POWER CHUCK							
THS014475	HYDRAULIC CYLINDER M1875 FOR POWER CHUCK							
THS014476	HYDRAULIC CYLINDER M1878 FOR POWER CHUCK							
THS014477	HYDRAULIC CYLINDER M2085 FOR POWER CHUCK							

<u>THS014478</u>	HYDRAULIC CYLINDER M2091 FOR POWER CHUCK							
<u>THS014479</u>	HYDRAULIC CYLINDER M2511 FOR POWER CHUCK							

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HYDRAULIC CYLINDER MH125 FOR POWER CHUCK



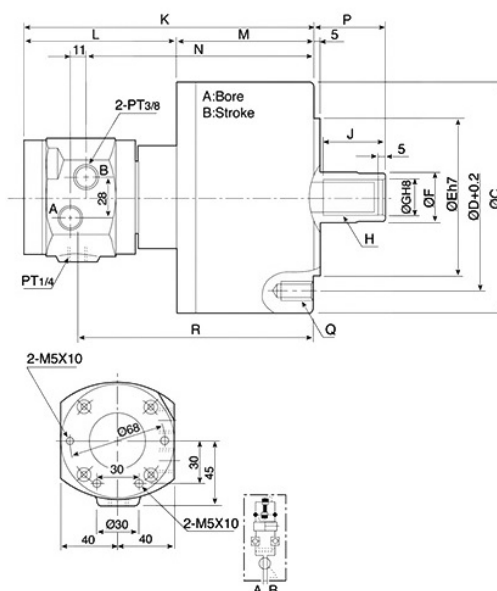
SKU	Piston Diameter (mm)	Piston Area (cm ²) Push Side / Pull Side	Max.Draw Bar Force KN (kgf) Push Side / Pull Side	Piston Stroke (mm)	Max. Operating Pressure MPa (kgf / cm ²)	RPM	Moment of Inertia I (kg / m ²)	Weight (kg)	Total Leakage L/min
SKP007824	80	47.7 / 42.8	15.5 (1580) / 13.9 (1417)	15	3.5 (35.7)	6000	0.005	5.1	0.4
SKP007825	100	75.4 / 70.5	24.5 (2498) / 22.9 (2335)	20	3.5 (35.7)	5500	0.0125	6.6	0.4
SKP007826	125	121.1 / 114	39.3 (4007) / 37 (3773)	25	3.5 (35.7)	5500	0.02	8.4	0.4
SKP007827	150	176 / 160	66 (6730) / 60 (6118)	30	4.0 (40.8)	4000	0.047	10.4	0.8

SKU	B	D	E (h7)	F	G max.	G min.	H	J	K	L	M	N1	N2	P	Q	R	T	U	S
SKP007824	112	90	65	25	45	30	6	73.5	103	6-M8x16	M16x2.0x32	3/8"	1/4"	45	15.5	30.5	38	13.5	22
SKP007825	135	100	80	25	45	25	6	88.5	103	6-M10x19	M16x2.0x32	3/8"	1/4"	45	15.5	30.5	38	13.5	22
SKP007826	160	130	110	30	51	26	6	95.5	103	6-M12x20	M20x2.5x32	3/8"	1/4"	45	15.5	30.5	38	13.5	27
SKP007827	190	130	110	45	50	20	6	107	103	12-M12x20	M30x3.5x40	3/8"	1/4"	45	15.5	30.5	38	13.5	38

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS014480	HYDRAULIC CYLINDER MH125 FOR POWER CHUCK							
THS014481	HYDRAULIC CYLINDER MH100 FOR POWER CHUCK							
THS014482	HYDRAULIC CYLINDER MH150 FOR POWER CHUCK							
THS014483	HYDRAULIC CYLINDER MH80 FOR POWER CHUCK							

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HYDRAULIC CYLINDER MS-125



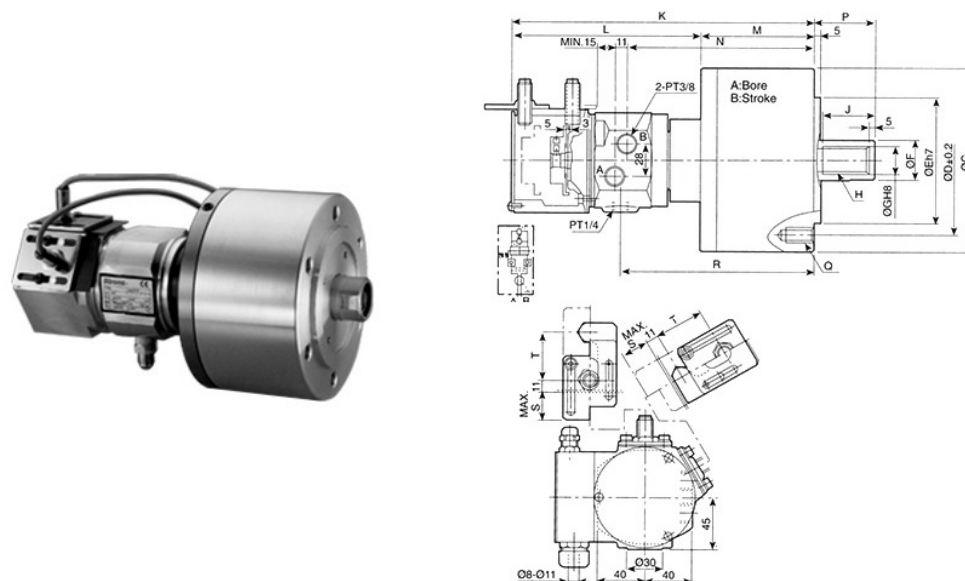
SKU	Piston Area (cm ²) Push Side / Pull Side	Max.Draw Bar Force KN (kgf) Pull Side	Piston Stroke (mm)	Max. Operating Pressure MPa (kgf / cm ²)	RPM	Moment of Inertia I (kg / m ²)	Weight (kg)	Total Leakage L/min
SKP007833	86 / 79	29 (2957)	20	4.0 (40.8)	6000	0.0125	7.1	0.8
SKP007834	122 / 113	42 (4283)	25	4.0 (40.8)	6000	0.0225	10	0.8
SKP007835	176 / 160	60 (6118)	30	4.0 (40.8)	5500	0.0475	13.5	0.8
SKP007836	314 / 290	108 (11013)	35	4.0 (40.8)	5500	0.0975	22	0.8

SKU	A	B	C	D	E	F	G	H	J	K	L	M	N	P max.	P min.	Q	R
<u>SKP007833</u>	105	20	135	100	80	30	21	M20xP2.5	35	197	108	89	152	45	25	6-M10x20	150
<u>SKP007834</u>	125	25	160	130	110	35	25	M24xP3.0	44	205	108	97	160	51	26	6-M12x24	160
<u>SKP007835</u>	150	30	190	130	110	45	31	M30xP3.5	45	214	108	106	169	56	26	12-M12x24	175
<u>SKP007836</u>	200	35	245	145	120	55	37	M36xP4.0	60	228	108	122	183	69	34	12-M16x30	185

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS015520	HYDRAULIC CYLINDER MS-125							
THS015523	HYDRAULIC CYLINDER MS-150							
THS015525	HYDRAULIC CYLINDER MS-200							
THS015529	HYDRAULIC CYLINDER MS-105							

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HYDRAULIC CYLINDER MS-105C



SKU	Piston Area (cm ²) Push Side / Pull Side	Max.Draw Bar Force KN (kgf) Pull Side	Piston Stroke (mm)	Max. Operating Pressure MPa (kgf / cm ²)	RPM	Moment of Inertia I (kg / m ²)	Weight (kg)	Total Leakage L/min
SKP007828	84 / 79	29 (2957)	20	4.0 (40.8)	6000	0.0125	7.6	0.8
SKP007829	120 / 113	42 (4283)	25	4.0 (40.8)	6000	0.022	10.5	0.8
SKP064196	120 / 113	42 (4283)	35	4.0 (40.8)	6000	0.022	10.5	0.8
SKP007830	174 / 160	60 (6118)	30	4.0 (40.8)	5500	0.047	14	0.8
SKP007831	312 / 290	108 (11013)	35	4.0 (40.8)	5500	0.097	22.5	0.8

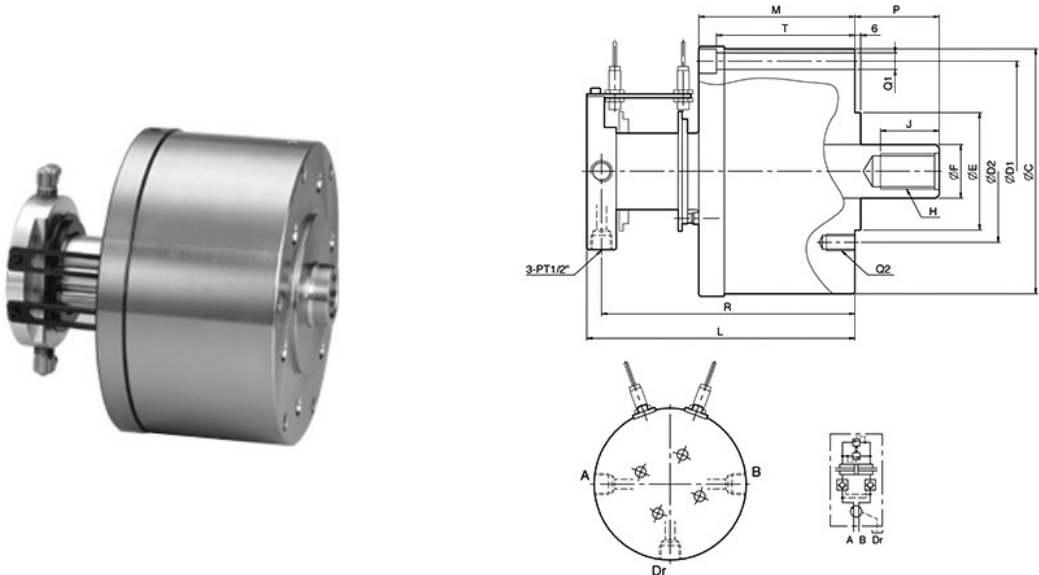
SKU	A	B	C	D	E	F	G	H	J	K	L	M	N	P max.	P min.	Q	R	S	T
SKP007828	105	20	135	100	80	30	21	M20xP2.5	35	257	168	89	152	45	25	6-M10x20	158	23	4
SKP007829	125	25	160	130	110	35	25	M24xP3.0	44	265	168	97	160	51	26	6-M12x24	166	23	4
SKP064196	125	30	160	130	110	35	25	M24xP3.0	44	269	168	101	164	57	22	6-M12x24	170	23	4
SKP007830	150	30	190	130	110	45	31	M30xP3.5	45	274	168	106	169	56	26	12-M12x24	175	23	4
SKP007831	200	35	245	145	120	55	37	M36xP4.0	60	288	168	122	183	69	34	12-M16x30	189	28	4

- Draw Bar Pull Force: Pressure 4.0 MPa (40.8 kgf/cm²)
- Total Leakage: Pressure 3.0 MPa (30.6 kgf/cm²) and Oil temperature 50°C
- Proximity Switch: Model BESS 16-329-E4-Y (BALLUFF) DC 12/24V 200mA NPN

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS015519	HYDRAULIC CYLINDER MS-105C							
THS015521	HYDRAULIC CYLINDER MS-125C							
THS015522	HYDRAULIC CYLINDER MS-125C35							
THS015524	HYDRAULIC CYLINDER MS-150C							
THS015526	HYDRAULIC CYLINDER MS-200C							

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HYDRAULIC CYLINDER MR20060 FOR POWER CHUCK



SKU	Piston Diameter (mm)	Piston Area (cm ²) Push Side / Pull Side	Max.Draw Bar Force KN (kgf) Push Side / Pull Side	Piston Stroke (mm)	Max. Operating Pressure MPa (kgf / cm ²)	Max. Speed (R.P.M.)	Moment of Inertia I (kg / m ²)	Weight (kg)	Total Leakage L/min
SKP064197	200	310 / 286	146 (14887) / 134 (13664)	60	4.9 (50)	5000	0.55	49	2
SKP064198	250	481.5 / 453.6	227 (23147) / 214 (21822)	60	4.9 (50)	2000	0.81	72	2

SKU	C	D1	D2	E (h7)	F	G	H	J	L	M	P max.	P min.	Q1	Q2	R	T
SKP064197	250	225	145	120	55	37	M36xP4.0	60	270	156	85	25	6-Ø17	6-M16	259	140
SKP064198	300	275	220	160	65	44	M42xP3.0	60	280	168	85	25	6-Ø17	6-M20	265	150

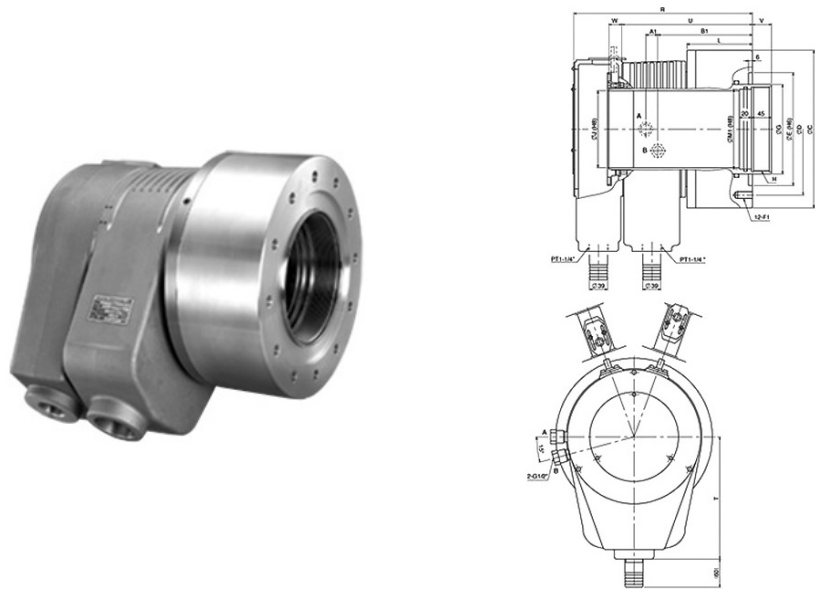
Updated 2021.05.13

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
IHS014496	HYDRAULIC CYLINDER MR20060 FOR POWER CHUCK							

<u>THS014497</u>	HYDRAULIC CYLINDER MR25060 FOR POWER CHUCK							

Updated 202302

HYDRAULIC CYLINDER ML2814-CM28B FOR POWER CHUCK



SKU	Piston Diameter (mm)	Piston Area (cm ²) Push Side / Pull Side	Max.Draw Bar Force KN (kgf) Push Side / Pull Side	Piston Stroke (mm)	Max. Operating Pressure MPa (kgf / cm ²)	RPM	Moment of Inertia I (kg / m ²)	Weight (kg)	Total Leakage L/min
SKP064201	285	394 / 350	116.8 (11910) / 106.8 (10584)	42	3.3 (33.6)	2000	1.08	87	11
SKP064202	285	394 / 350	116.8 (11910) / 106.8 (10584)	42	3.3 (33.6)	2000	0.90	72	11
SKP064203	335	515.7 / 416.9	152.9 (15591) / 136.9 (13960)	42	3.3 (33.6)	1600	1.09	103	14

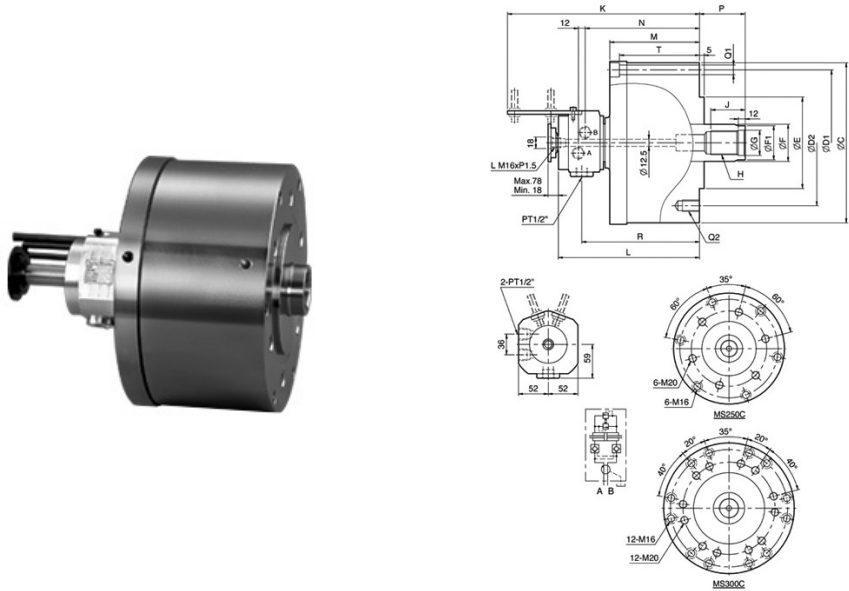
SKU	C	D	E (h6)	G	H	J	L	R	T	U	V max.	V min.	W max.	W min.	A1	B1	F1	M1
SKP064201	335	280	240	190	M158x3.0	145	140	382	260	279	41	-1	67	25	18	202	M16x32L	150
SKP064202	335	280	240	190	M180x3.0	166.5	140	382	260	279	41	-1	67	25	18	202	M16x32L	170
SKP064203	390	320	240	230	M215x3.0	205	147	392	260	292	41	-1	67	25	18	210	M20x32L	210

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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THS014491	HYDRAULIC CYLINDER ML2814-CM28B FOR POWER CHUCK							
THS014492	HYDRAULIC CYLINDER ML2816-CM28B FOR POWER CHUCK							
THS014493	HYDRAULIC CYLINDER ML3320-CM33B FOR POWER CHUCK							

Updated 202302

HYDRAULIC CYLINDER MS-250C



SKU	Piston Diameter (mm)	Piston Area (cm ²) Push Side / Pull Side	Max.Draw Bar Force KN (kgf) Push Side / Pull Side	Piston Stroke (mm)	Max. Operating Pressure MPa (kgf / cm ²)	RPM	Moment of Inertia I (kg / m ²)	Weight (kg)	Total Leakage L/min
SKP064199	250	481.5 / 453.6	227 (23147) / 214 (21822)	60	4.9 (50)	2000	0.87	78	2
SKP064200	300	697.5 / 658.6	262 (26716) / 247 (25186)	60	4.0 (40.8)	1500	1.6	106	3

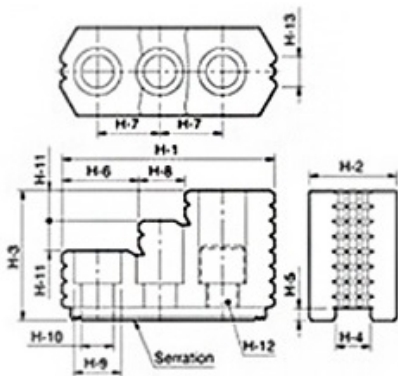
SKU	C	D1	D2	E (h7)	F	F1	G	H	J	K	L	M	N	P max.	P min.	Q1	Q2	R	T
SKP064199	300	275	220	160	65	62	44	M42xP3.0	60	356	177	177	220	85	25	6-Ø17	6-M20	226	160
SKP064200	355	330	270	210	75	70	50	M48xP3.0	70	359	182	182	223	85	25	12-Ø17	12-M20	229	165

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS015527	HYDRAULIC CYLINDER MS-250C							

THS015528	HYDRAULIC CYLINDER MS-300C							

Updated 202302

HJ05 HARD TOP JAWS SET OF 3 FOR CHUCK N204 N205



SKU	H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11	H-12	H-13	Serration Pitch	Matching Chuck	3 Jaw Weight (kg)
THS004168	86	35	51	14	5	31	25	18	19	13	12	M12	12	1.5x60°	N-208, V-208	1.9
THS004169	99.5	40	54	16	5	43	30	17	19	13	13	M12	15	1.5x60°	N-210, V-210	2.9
THS004172	149	62	86	22	8	63	43	34	32	21	20	M20	40	1.5x60°	N-215, N-218	9.6
THS004173	149	62	86	25.5	5	63	43	34	32	21	20	M20	40	1.5x60°	V-215, V-218	9.5

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004164	HJ05 HARD TOP JAWS SET OF 3 FOR CHUCK N204 N205							
THS004168	HJ08 HARD TOP JAWS SET OF 3 FOR CHUCK N208 V208							
THS004169	HJ10 HARD TOP JAWS SET OF 3 FOR CHUCK N210 V210							
THS004170	HJ12 HARD JAWS SET OF 3 FOR CHUCK N212							
THS004171	HJ12-1 HARD JAWS SET OF 3 FOR CHUCK V212							

THS004172	HJ15 HARD JAWS SET OF 3 FOR CHUCK N215 N218							
THS004173	HJ15-1 HARD JAWS SET OF 3 FOR CHUCK V215 V218							
THS004174	HJ24-1 HARD JAWS SET OF 3 FOR CHUCK N-220, N-224, N-232, V-221, V-224, V-232							

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HARD JAWS TOP SET OF 3 FOR CHUCK KD8-12"



SKU	Spindle Size	A	B	E	H	J	K	L	Mounting Dimensions				Allowable Handle Torque (kgf/m)	Gripping Force (kgf)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Gripping Range	
									F1	F2	F3	F4						O.D. Diameter (mm)	I.D. Diameter (mm)
SKP063885	D1-8-12	306	107.5	103	114.5	40	57.8	21.0	139.719	18	25.4	171.45	21.0	4200	1800	47	0.5	Ø15 - Ø300	Ø90 - Ø290

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS014930	HARD JAWS TOP SET OF 3 FOR CHUCK KD8-12"							

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HARD JAWS TOP SET OF 3 FOR CHUCK SK- 9

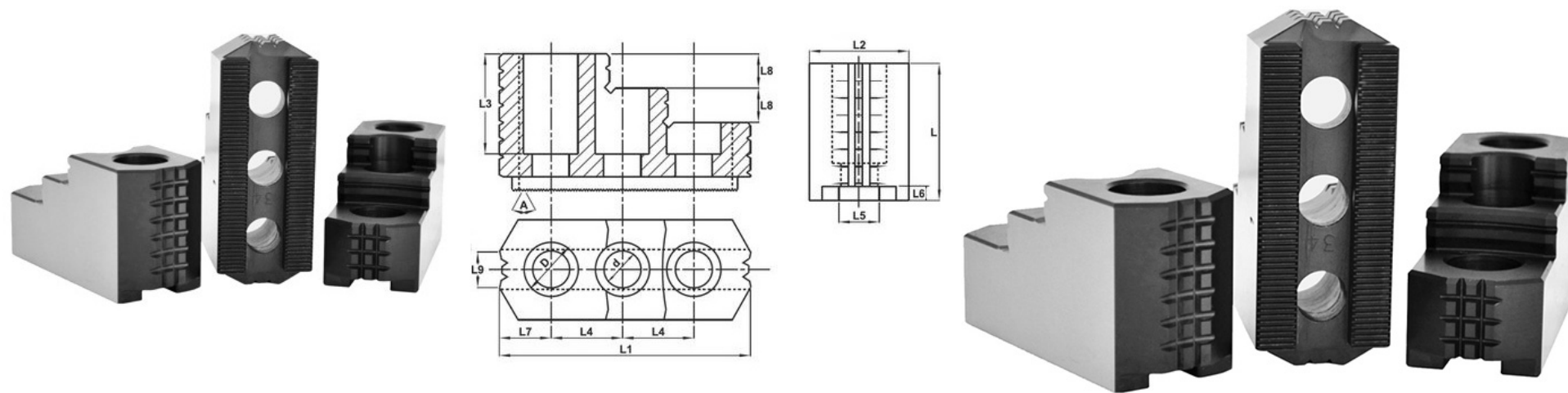


SKU	A	B	C	D	E	F	G		H	J	K	L	Allowable Handle Torque (kgf/m)	Gripping Force (kgf)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Gripping Range	
							Back	Front										O.D. Diameter (mm)	I.D. Diameter (mm)
SK-09	232	84	190	210	70	6	3-M12	3-M12x90	90.9	32	51.2	12	15.0	3000	2000	22	0.16	Ø11 - Ø220	Ø70 - Ø210

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
IHS014931	HARD JAWS TOP SET OF 3 FOR CHUCK SK- 9							

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HARD JAWS TOP SET OF 3 FOR CHUCK S-050



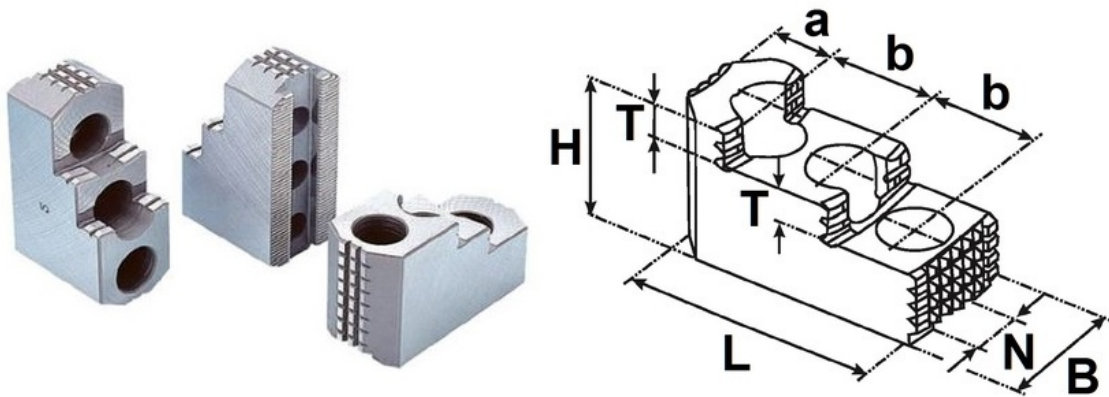
SKU	Chuck diameter	Serration	L	L1	L2	L3	L4	L5	L6	L7	L8	L9	D	d
SKP037046	5"	1.5 x 60°	28	53	23	19	14	10	4	14	10	6	14	9
SKP037047	6"	1.5 x 60°	36	72	30	25	20	12	5	22	9	11	17	11
SKP011566	8"	1.5 x 60°	48	90	35	35	25	14	5	28	11	13	19	13
THS003993	10"	1.5 x 60°	58	100	40	42	30	16	5	30	14	15	19	13
SKP011568	12"	1.5 x 60°	63	110	50	45	30	21	5	30	15	20	25	17
SKP011569	15"	1.5 x 60°	87	150	62	63	43	22	8	34	20	21	32	21

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS014932	HARD JAWS TOP SET OF 3 FOR CHUCK S-050							
THS014935	HARD JAWS TOP SET OF 3 FOR CHUCK S-060							
THS014937	HARD JAWS TOP SET OF 3 FOR CHUCK S-080							
THS014938	HARD JAWS TOP SET OF 3 FOR CHUCK S-120							

THS014939	HARD JAWS TOP SET OF 3 FOR CHUCK S-150							

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HARD JAWS SERRATION (1/16")x90 L= 82 mm SET OF 3 FOR SMW CHUCK

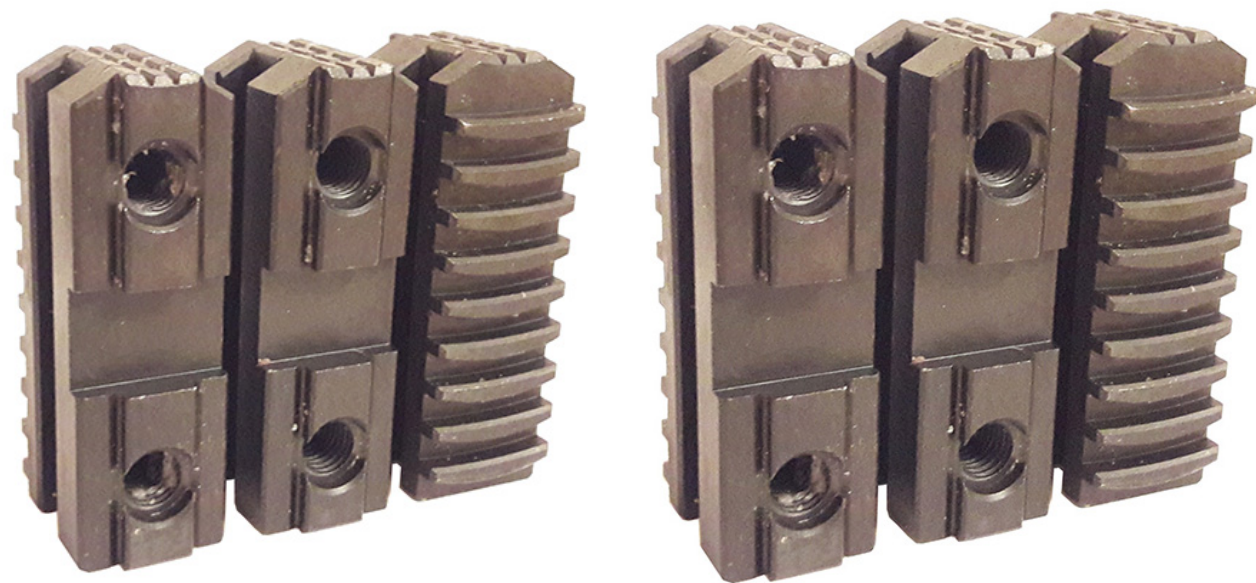


SKU	B mm	H mm	L mm	N mm	T mm	a mm	b mm	Serration Pitch
THS007196	40	45	82	17	10.5	19	23	1/16" x 90°
THS007197	45	56	100	17	15.5	23	30	1/16" x 90°
THS007198	45	56	105	21	13.5	26	30	1/16" x 90°

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007196	HARD JAWS SERRATION (1/16")x90 L= 82 mm SET OF 3 FOR SMW CHUCK							
THS007197	HARD JAWS SERRATION (1/16")x90 L=100 mm SET OF 3 FOR SMW CHUCK							
THS007198	HARD JAWS SERRATION (1/16")x90 L=105 mm SET OF 3 FOR SMW CHUCK							

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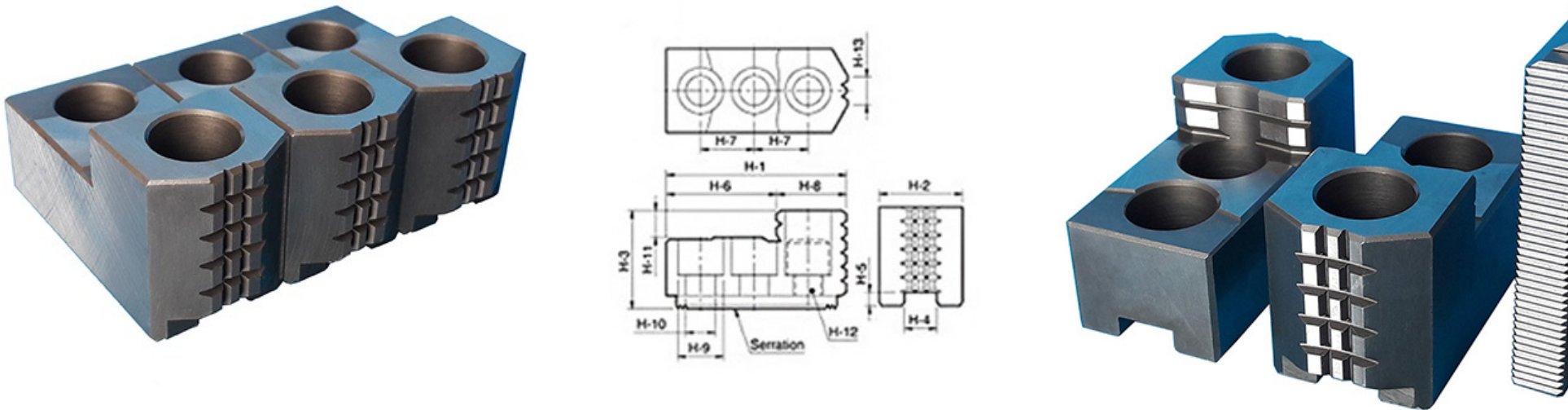
SK-09 HARD BASE JAW SET OF 3



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007356	SK-09 HARD BASE JAW SET OF 3							

Updated 202302

HJ06 HARD TOP JAWS SET OF 3 FOR CHUCK N206 V206

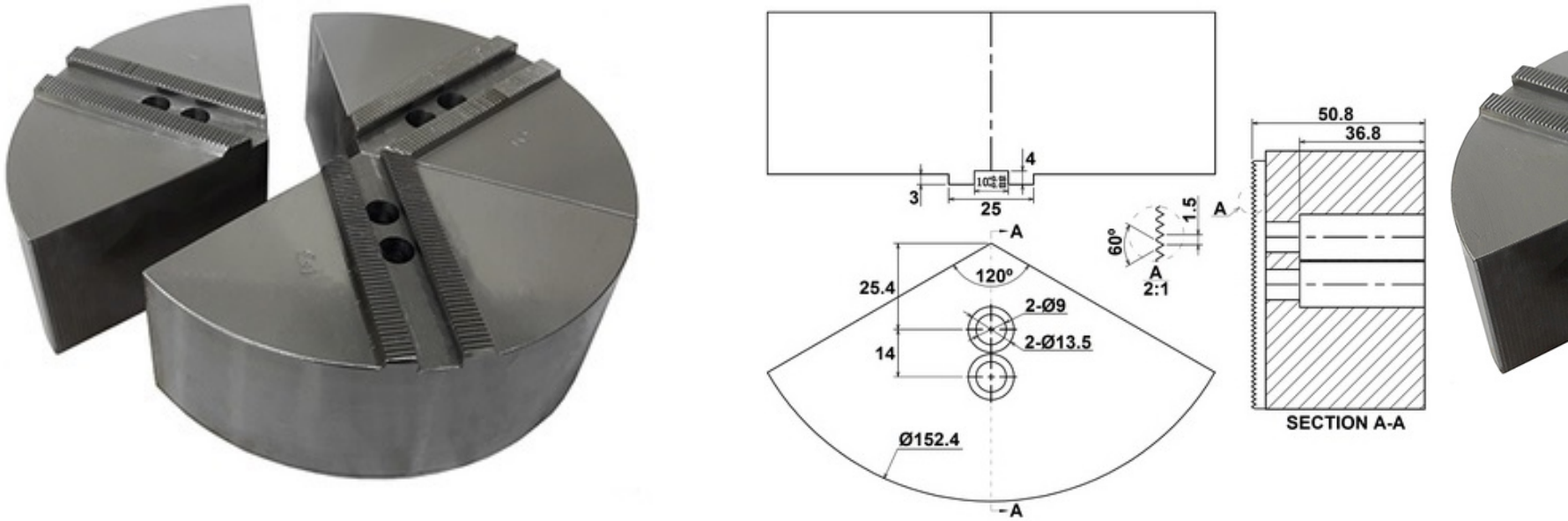


SKU	H-1	H-2	H-3	H-4	H-5	H-6	H-7	H-8	H-9	H-10	H-11	H-12	H-13	Serration Pitch	Matching Chuck	3 Jaw Weight (kg)
THS004164	53	23	27.5	10	4	30.5	14	22.5	13.5	8.5	10	M8	6	1.5x60	N-204, N-205	0.4
THS004167	67	31	35	12	5	39.5	20	27.5	17	11	12	M10	11	1.5x60	N-206, V-206	1.0
THS004170	103	50	52	21	4	62.5	30	40.5	25	17	17	M16	30	1.5x60	N-212	3.5
THS004171	103	50	52	18	5	62.5	30	40.5	22	15	17	M14	30	1.5x60	V-212	3.6
THS004174	159.5	80	90	25	9	104.5	50	55	32	21	40	M20	55	3.0x60	N-220, N-224, N-232 V-221, V-224, V-232	14.3

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004167	HJ06 HARD TOP JAWS SET OF 3 FOR CHUCK N206 V206							

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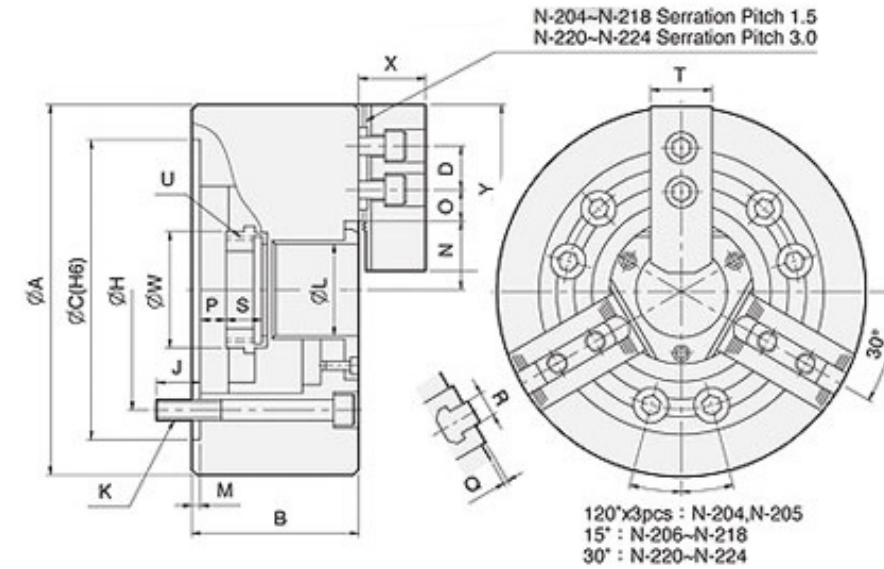
JAWS STEEL ROUND OD=6" SET OF 3



SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007066	JAWS STEEL ROUND OD=6" SET OF 3							
THS007083	JAWS STEEL ROUND OD=4" SET OF 3							

Updated 202302

CHUCK POWER 3 JAWS 18"



Technical Specification											
SKU	Through-Hole (mm)	Plunger Stroke (mm)	Jaw stroke (in dia.) (mm)	Max. Pull / Grip Force (kgf)	Max. Operating Pressure (kgf/cm ²)	Max. Speed (RPM)	Moment of Inertia (kg/m ²)	Matching Accessories			Gripping O.D. Range (mm)
								Cylinder	Hard Jaw	Soft Jaw	
SKP007764	Ø26	10	5.4	1428 / 2906	31.6	8000	0.007	M-0928	HJ-05	HC-04	Ø4 - Ø110
SKP064206	Ø33	10	5.4	1784 / 3671	28.5	7000	0.018	M-1036	HJ-05	HC-05	Ø6 - Ø135
SKP002819	Ø45	12	5.5	2243 / 5812	28.5	6000	0.057	M-1246	HJ-06	HC-06	Ø15 - Ø169
SKP002821	Ø52	16	7.4	3558 / 9075	26.5	5000	0.017	M-1552	HJ-08	HC-08	Ø20 - Ø210
SKP002794	Ø75	19	8.8	4385 / 11319	27.5	4200	0.315	M-1875	HJ-10	HC-10	Ø25 - Ø254
SKP064022	Ø91	23	10.6	5812 / 14990	27.5	3300	0.737	M-2091	HJ-12	HC-12	Ø30 - Ø304
SKP064023	Ø117.5	23	10.6	7240 / 18355	23.5	2500	2.27	M-2511	HJ-15	HC-15	Ø50 - Ø381
THS004450	Ø117.5	23	10.6	7240 / 18355	23.5	2000	3.55	M-2511	HJ-15	HC-15	Ø50 - Ø450
SKP064025	Ø180	23	10.6	9177 / 23861	30.6	1800	6.5	ML-2816	HJ-24-1	HC-24-1	Ø120 - Ø510
SKP064027	Ø205	26	12	9177 / 23861	26.5	1400	14.8	ML-3320	HJ-24-1	HC-24-1	Ø150 - Ø610

Dimensions

SKU	A	B	C (H6)	D	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	W	X	Y
SKP007764	110	59	85	14	70.6	16	3-M10x60	26	4	23.2	13.75	6.75	3.5	-6.5	2	10	17.5	23	M32x1.5	38	24	49.5
SKP064206	135	60	110	14	82.55	15	3-M10x60	33	4	26.5	19.75	7.75	1	-9	2	10	20	25	M40x1.5	45	31	54
SKP002819	169	81	140	20	104.78	16	6-M10x80	45	5	32	22.75	9.25	11	-1	2	12	19	31	M55x2	60	37	73
SKP002821	210	91	170	25	133.35	20	6-M12x90	52	5	38.7	29.75	11.75	14.5	-1.5	2	14	20.5	35	M60x2	66	38	95
SKP002794	254	100	220	30	171.45	22	6-M16x100	75	5	51	33.75	14.25	8.5	-10.5	2	16	25	40	M85x2	94	43	110
SKP064022	304	110	220	30	171.45	23	6-M16x110	91	6	61.3	45.75	15.75	8	-15	2	21	28	50	M100x2	108	51	130
SKP064023	381	133	300	43	235	35	6-M20x135	117.5	6	82	45.25	15.25	7	-16	5	22	43	62	M130x2	139	66	165
THS004450	450	133	300	43	235	35	6-M20x135	117.5	6	82	79.75	15.25	7	-16	5	22	43	62	M130x2	139	66	165
SKP064025	510	134	380	60	330.2	35	6-M24x135	180	6	112.5	60.5	24.5	11	-12	5	25	38	65	M190x3	206	73	180
SKP064027	610	147	520	60	463.6	35	6-M24x150	205	6	139.9	87.5	24.5	16	-10	5	25	38	65	M215x3	230	73	180

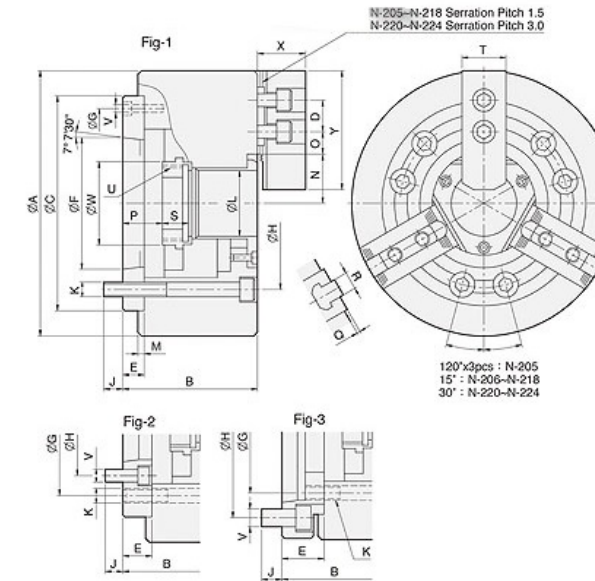
Compatibility with Kitagawa Chucks	
SKP007764	Kitagawa B-204
SKP064206	Kitagawa B-205
SKP002819	Kitagawa B-206
SKP002821	Kitagawa B-208
SKP002794	Kitagawa B-210
SKP064022	Kitagawa B-212
SKP064023	Kitagawa B-215, B-15
THS004450	Kitagawa B-218
SKP064025	Kitagawa B-220
SKP064027	Kitagawa B-224

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004450	CHUCK POWER 3 JAWS 18"							
THS015264	CHUCK POWER 3 JAWS 5"							
THS015267	CHUCK POWER 3 JAWS 4"							
THS015270	CHUCK POWER 3 JAWS 8"							

<u>THS015272</u>	CHUCK POWER 3 JAWS 10"							
<u>THS015274</u>	CHUCK POWER 3 JAWS 12"							
<u>THS015278</u>	CHUCK POWER 3 JAWS 15"							
<u>THS015281</u>	CHUCK POWER 3 JAWS 20"							
<u>THS015284</u>	CHUCK POWER 3 JAWS 24"							

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CHUCK POWER 3 JAWS 18" SPINDLE ADAPTER A2-11



SKU	Through-Hole (mm)	Plunger Stroke (mm)	Jaw stroke (in dia.) (mm)	Max. Pull / Grip Force (kgf)	Max. Operating Pressure (kgf/cm ²)	RPM	Moment of Inertia (kg/m ²)	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
SKP007765	Ø33	10	5.4	1784 / 3671	28.5	7000	0.020	M-1036	HJ-05	HC-05	Ø6 ~ Ø135
SKP002876							0.023				
SKP007766	Ø45	12	5.5	2243 / 5812	28.5	6000	0.062	M-1246	HJ-06	HC-06	Ø15 ~ Ø169
SKP007767	Ø52	16	7.4	3558 / 9075	26.5	5000	0.190	M-1552	HJ-08	HC-08	Ø20 ~ Ø210
THS013334							0.184				
SKP007768	Ø75	19	8.8	4385 / 11319	27.5	4200	0.370	M-1875	HJ-10	HC-10	Ø25 ~ Ø254
SKP002914							0.340				
SKP013418	Ø91	23	10.6	5812 / 14990	27.5	3300	0.809	M-2091	HJ-12	HC-12	Ø30 ~ Ø304
SKP007769							0.770				
SKP008047							0.912				
SKP007770	Ø117.5	23	10.6	7240 / 18355	23.5	2500	2.255	M-2511	HJ-15	HC-15	Ø50 ~ Ø381
SKP002551							2.241				
THS004448	Ø117.5	23	10.6	7240 / 18355	23.5	2000	3.961	M-2511	HJ-15	HC-15	Ø50 ~ Ø450
THS004447							3.744				
THS004449							5.183				
SKP007772	Ø180	23	10.6	9177 / 23861	30.6	1800	7.355	ML-2816	HJ-24-1	HC-24-1	Ø120 ~ Ø510
SKP002558							6.910				
SKP007773	Ø205	26	12	9177 / 23861	26.5	1400	18.199	ML-3320	HJ-24-1	HC-24-1	Ø150 ~ Ø610
SKP002987							17.376				

SKU	A	B	C (H6)	D	E	F	G	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	V	W	X	Y	Reference
SKP007765	135	71	110	14	15	63.513	96	82.55	15.5	3-M10	33	4	26.5	19.75	7.75	16	6	2	10	20	25	M40x1.5	3-M6	45	31	54	Fig-1
SKP002876	135	88	110	14	32	82.563	82.55	104.78	14	3-M10	33	4	26.5	19.75	7.75	33	23	2	10	20	25	M40x1.5	6-M10	45	31	54	Fig-3
SKP007766	169	91	140	20	15	82.563	116	104.78	16	6-M10	45	5	32	22.75	9.25	26	14	2	12	19	31	M55x2	3-M6	60	37	73	Fig-1
SKP007767	210	109	170	25	23	82.563	133.35	104.78	13	6-M12	52	5	38.7	29.75	11.75	37.5	21.5	2	14	20.5	35	M60x2	6-M10	66	38	95	Fig-2
THS013334	210	103	170	25	17	106.375	150	133.35	18	6-M12	52	5	38.7	29.75	11.75	31.5	15.5	2	14	20.5	35	M60x2	6-M10	66	38	95	Fig-1
SKP007768	254	120	220	30	25	106.375	171.45	133.35	18	6-M16	75	5	51	33.75	14.25	33.5	14.5	2	16	25	40	M85x2	6-M12	94	43	110	Fig-2
SKP002914	254	113	220	30	18	139.719	190	171.45	24	6-M16	75	5	51	33.75	14.25	26.5	7.5	2	16	25	40	M85x2	3-M8	94	43	110	Fig-1
SKP013418	304	129	220	30	25	106.375	171.45	133.35	18	6-M16	91	6	61.3	45.75	15.75	33	10	2	21	28	50	M100x2	6-M12	108	51	130	Fig-2
SKP007769	304	122	220	30	18	139.719	190	171.45	25	6-M16	91	6	61.3	45.75	15.75	26	3	2	21	28	50	M100x2	3-M8	108	51	130	Fig-1
SKP008047	304	154	220	30	50	196.869	171.45	235	28	6-M16	91	6	61.3	45.75	15.75	58	35	2	21	28	50	M100x2	6-M20	108	51	130	Fig-3
SKP007770	381	160	300	43	33	139.719	235	171.45	24	6-M20	117.5	6	82	45.25	15.25	40	17	5	22	43	62	M130x2	6-M16	139	66	165	Fig-2
SKP002551	381	149	300	43	22	196.869	260	235	28	6-M20	117.5	6	82	45.25	15.25	29	6	5	22	43	62	M130x2	3-M20	139	66	165	Fig-1
THS004448	450	160	300	43	33	139.719	235	171.45	24	6-M20	117.5	6	82	79.75	15.25	40	6	5	22	43	62	M130x2	6-M16	139	66	165	Fig-2
THS004447	450	149	300	43	22	196.869	260	235	28	6-M20	117.5	6	82	79.75	15.25	29	6	5	22	43	62	M130x2	3-M10	139	66	165	Fig-1
THS004449	450	184	300	43	57	285.775	235	330.2	24	6-M20	117.5	6	82	79.75	15.25	64	41	5	22	43	62	M130x2	6-M24	139	66	165	Fig-3
SKP007772	510	169	380	60	41	196.869	330.2	235	30	6-M24	180	6	112.5	60.5	24.5	52	29	5	25	38	65	M190x3	6-M20	206	73	180	Fig-2
SKP002558	510	155	380	60	27	285.775	330.2	330.2	33	6-M24	180	6	112.5	60.5	24.5	38	15	5	25	38	65	M190x3	3-M12	206	73	180	Fig-1
SKP007773	610	186	520	60	45	196.869	463.6	235	28	6-M24	205	6	139.9	87.5	24.5	61	35	5	25	38	65	M215x3	6-M20	230	73	180	Fig-2
SKP002987	610	183	520	60	42	285.775	463.6	330.2	33	6-M24	205	6	139.9	87.5	24.5	58	32	5	25	38	65	M215x3	6-M24	230	73	180	Fig-2

Compatibility with Kitagawa Chucks	
SKP007765	Kitagawa B-205A4
SKP002876	Kitagawa B-205A5
SKP007766	Kitagawa B-206A5
SKP007767	Kitagawa B-208A5
THS013334	Kitagawa B-208A6
SKP007768	Kitagawa B-210A6
SKP002914	Kitagawa B-210A8
SKP013418	Kitagawa B-212A6
SKP007769	Kitagawa B-212A8
SKP008047	Kitagawa B-212A11
SKP007770	Kitagawa B-215A8
SKP002551	Kitagawa B-215A11

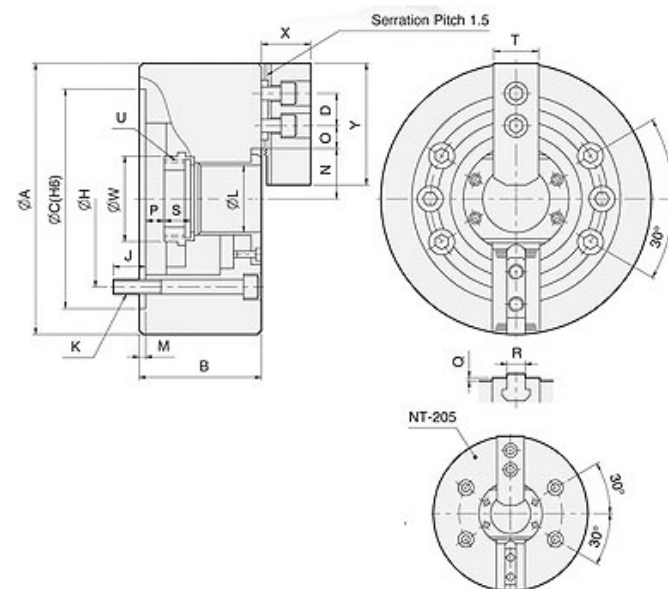
THS004448	Kitagawa B-218A8
THS004447	Kitagawa B-218A11
THS004449	Kitagawa B-218A15
SKP007772	Kitagawa B-220A11
SKP002558	Kitagawa B-220A15
SKP007773	Kitagawa B-224A11
SKP002987	Kitagawa B-224A15

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS004447	CHUCK POWER 3 JAWS 18" SPINDLE ADAPTER A2-11							
THS004448	CHUCK POWER 3 JAWS 18" SPINDLE ADAPTER A2-8							
THS004449	CHUCK POWER 3 JAWS 18" SPINDLE ADAPTER A2-15							
THS013334	CHUCK POWER 3 JAWS 8" SPINDLE ADAPTER A2-6							
THS013675	CHUCK POWER 3 JAWS 10" SPINDLE ADAPTER A2-6							
THS015266	CHUCK POWER 3 JAWS 5" SPINDLE ADAPTER A2-4							
THS015268	CHUCK POWER 3 JAWS 5" SPINDLE ADAPTER A2-5							
THS015269	CHUCK POWER 3 JAWS 6" SPINDLE ADAPTER A2-5							
THS015271	CHUCK POWER 3 JAWS 8" SPINDLE ADAPTER A2-5							
THS015273	CHUCK POWER 3 JAWS 10" SPINDLE ADAPTER A2-8							
THS015275	CHUCK POWER 3 JAWS 12" SPINDLE ADAPTER A2-11							
THS015276	CHUCK POWER 3 JAWS 12" SPINDLE ADAPTER A2-6							
THS015277	CHUCK POWER 3 JAWS 12" SPINDLE ADAPTER A2-8							
THS015279	CHUCK POWER 3 JAWS 15" SPINDLE ADAPTER A2-11							
THS015280	CHUCK POWER 3 JAWS 15" SPINDLE ADAPTER A2-8							

<u>THS015282</u>	CHUCK POWER 3 JAWS 20" SPINDLE ADAPTER A2-11							
<u>THS015283</u>	CHUCK POWER 3 JAWS 20" SPINDLE ADAPTER A2-15							
<u>THS015285</u>	CHUCK POWER 3 JAWS 24" SPINDLE ADAPTER A2-11							
<u>THS015286</u>	CHUCK POWER 3 JAWS 24" SPINDLE ADAPTER A2-15							

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Power chuck NT-205A4



SKU	Through-Hole (mm)	Plunger Stroke (mm)	Jaw stroke (in dia.) (mm)	Max. Pull Force (kgf)	Max. Gripping Force (kgf)	Max. Operating Pressure (kgf/cm ²)	RPM	Weight (kg)	Moment of Inertia (kg/m ²)	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
SKP007778	Ø33	10	5.4	1189	2447	19.5	7000	6.8	0.017	M-1036	HJ-05	HC-05	Ø6 - Ø135
THS003717THS003716	Ø45	12	5.5	1495	3875	18.9	6000	12.8	0.054	M-1246	HJ-06	HC-06	Ø15 - Ø169
SKP007780SKP008032	Ø52	16	7.4	2366	5975	18.4	5000	22	0.163	M-1552	HJ-08	HC-08	Ø20 - Ø210
SKP007781SKP008033	Ø75	19	8.8	2927	7546	18.4	4200	34	0.306	M-1875	HJ-10	HC-10	Ø25 - Ø254
SKP008034SKP007782	Ø91	23	10.6	3875	9993	18.4	3300	55	0.717	M-2091	HJ-12	HC-12	Ø30 - Ø304
SKP008035SKP007783	Ø117.5	23	10.6	4823	12236	15.3	2500	106	2.17	M-2511	HJ-15	HC-15	Ø50 - Ø381
SKP008019SKP008018SKP007784	Ø117.5	23	10.6	4823	12236	15.3	2000	122	3.31	M-2511	HJ-15	HC-15	Ø50 - Ø450

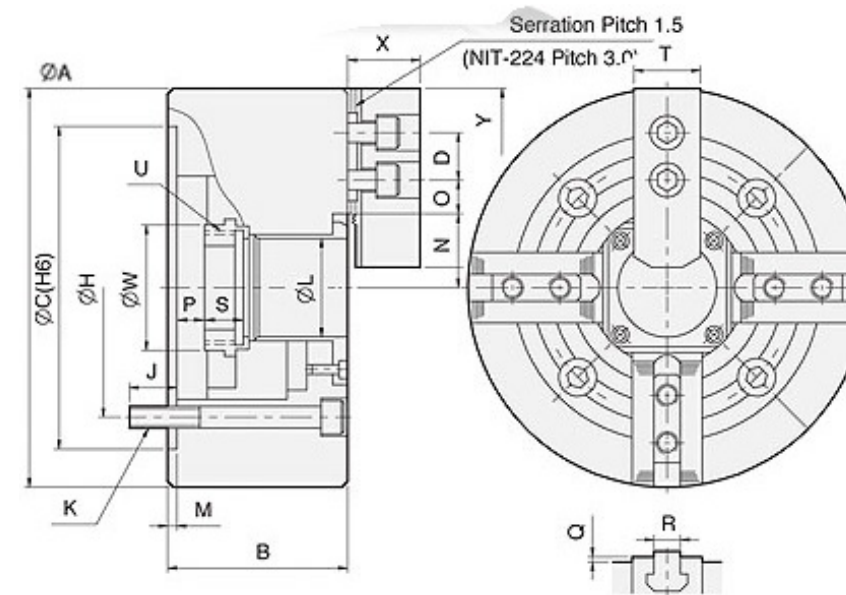
SKU	A	B	C (H6)	D	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	W	X	Y
SKP007778	135	60	110	14	82.55	15	4-M10x60	33	4	23.2	26.5	7.75	1	-9	2	10	20	23	M40x1.5	45	31	54
THS003717THS003716	169	81	140	20	104.78	16	6-M10x80	45	5	26.5	32	9.25	11	-1	2	12	19	31	M55x2	60	37	73
SKP007780SKP008032	210	91	170	25	133.35	20	6-M12x90	52	5	32	38.7	11.75	14.5	-1.5	2	14	20.5	35	M60x2	66	38	95
SKP007781SKP008033	254	100	220	30	171.45	22	6-M16x100	75	5	38.7	51	14.25	8.5	-10.5	2	16	25	40	M85x2	94	43	110
SKP008034SKP007782	304	110	220	30	171.45	23	6-M16x110	91	6	51	61.3	15.75	8	-15	2	21	28	50	M100x2	108	51	130
SKP008035SKP007783	381	133	300	43	235	35	6-M20x135	117.5	6	61.3	82	15.25	7	-16	5	22	43	62	M130x2	139	66	165
SKP008019SKP008018SKP007784	450	133	300	43	235	35	6-M20x135	117.5	6	82	82	15.25	7	-16	5	22	43	62	M130x2	139	66	165

Compatibility with Kitagawa Chucks	
SKP007778	Kitagawa BT-205A
THS003717THS003716	Kitagawa BT-206A
SKP007780SKP008032	Kitagawa BT-208A
SKP007781SKP008033	Kitagawa BT-210A
SKP008034SKP007782	Kitagawa BT-212A
SKP008035SKP007783	Kitagawa BT-215A
SKP008019SKP008018SKP007784	Kitagawa BT-218A

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003716	A5 THROUGH HOLE POWER CHUCK 6" 2 JAW							
THS003717	A4 THROUGH HOLE POWER CHUCK 6" 2 JAW							

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A6 THROUGH HOLE POWER CHUCK 8" 4 JAWS



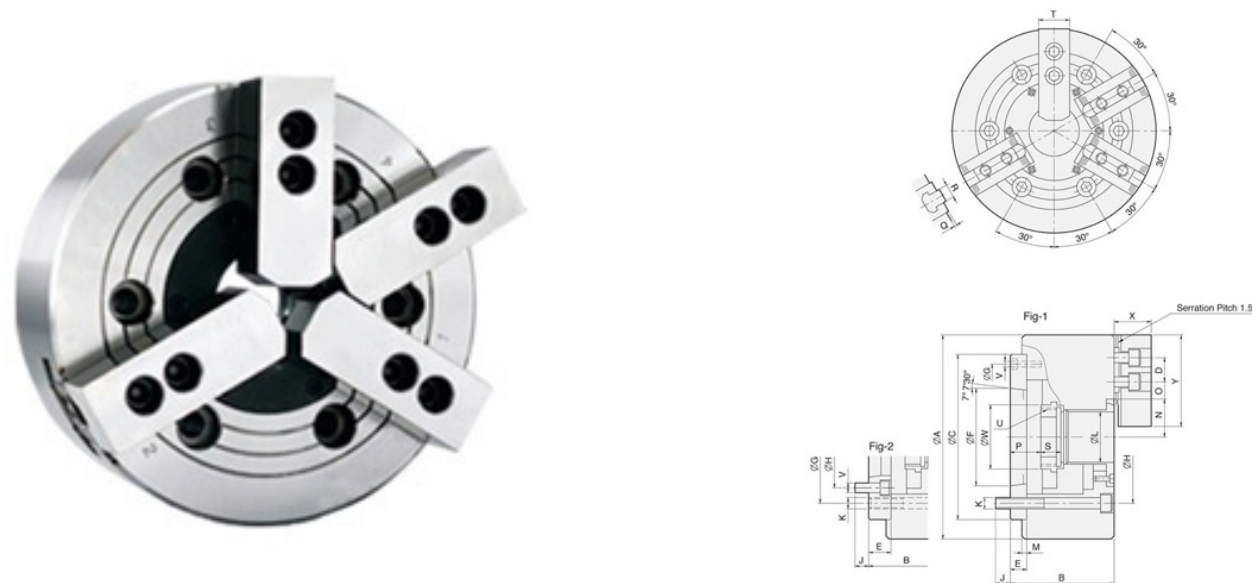
SKU	Through-Hole (mm)	Plunger Stroke (mm)	Jaw stroke (in dia.) (mm)	Max. Pull Force (kgf)	Max. Gripping Force (kgf)	Max. Operating Pressure (kgf/cm ²)	Max. Speed (R.P.M.)	Weight (kg)	Moment of Inertia (kg/m ²)	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
THS006877	Ø45	12	5.5	2243	5812	28.5	4500	13.7	0.058	M-1246	HJ-06	HC-06	Ø15 - Ø169
THS006878 THS006620	Ø52	16	7.4	3558	9075	26.5	3600	24	0.177	M-1552	HJ-08	HC-08	Ø20 - Ø210
NIT-210A	Ø75	19	8.8	4385	11319	27.5	3200	36	0.324	M-1875	HJ-10	HC-10	Ø25 - Ø254
NIT-212A	Ø91	23	10.6	5812	14990	27.5	2700	58.5	0.763	M-2091	HJ-12	HC-12	Ø30 - Ø304
NIT-215A	Ø117.5	23	10.6	7240	18355	23.5	1900	114	2.331	M-2511	HJ-15	HC-15	Ø50 - Ø381
NIT-218A	Ø117.5	23	10.6	7240	18355	23.5	1500	140	3.798	M-2511	HJ-15	HC-15	Ø50 - Ø450
NIT-224A	Ø205	26	12	9177	23861	26.5	1000	284	15.2	ML-3320	HJ-24-1	HC-24-1	Ø150 - Ø610

SKU	A	B	C (H6)	D	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	W	X	Y
THS006877	169	81	140	20	104.78	16	4-M10x80	45	5	32	22.75	9.25	11	-1	2	12	19	31	M55x2	60	37	73
THS006878 THS006620	210	91	170	25	133.35	20	4-M12x90	52	5	38.7	29.75	11.75	14.5	-1.5	2	14	20.5	35	M60x2	66	38	95
NIT-210A	254	100	220	30	171.45	22	4-M16x100	75	5	51	33.75	14.25	8.5	-10.5	2	16	25	40	M85x2	94	43	110
NIT-212A	304	110	220	30	171.45	23	4-M16x110	91	6	61.3	45.75	15.75	8	-15	2	21	28	50	M100x2	108	51	130

NIT-215A	381	133	300	43	235	35	4-M20x135	117.5	6	82	45.25	15.25	7	-16	5	22	43	62	M130x2	139	66	165
NIT-218A	450	133	300	43	235	35	4-M20x135	117.5	6	82	79.75	15.25	7	-16	5	22	43	62	M130x2	139	66	165
NIT-224A	610	147	520	60	463.6	35	8-M24x150	205	6	139.9	87.5	24.5	16	-10	5	25	38	65	M215x3	230	73	180

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS003916	A6 THROUGH HOLE POWER CHUCK 8" 4 JAWS							
THS006620	A6 THROUGH HOLE POWER CHUCK 8" 4 JAWS (M60x1.5)							
THS006876	A11 THROUGH HOLE POWER CHUCK 15" 4 JAWS							
THS006877	A5 THROUGH HOLE POWER CHUCK 6" 4 JAWS							
THS006878	A5 THROUGH HOLE POWER CHUCK 8" 4 JAWS							
THS006879	A8 THROUGH HOLE POWER CHUCK 10" 4 JAWS							
THS006880	A8 THROUGH HOLE POWER CHUCK 12" 4 JAWS							
THS006881	A11 THROUGH HOLE POWER CHUCK 12" 4 JAWS							
THS006882	A8 THROUGH HOLE POWER CHUCK 15" 4 JAWS							
THS006883	A11 THROUGH HOLE POWER CHUCK 18" 4 JAWS							
THS006884	A15 THROUGH HOLE POWER CHUCK 18" 4 JAWS							
THS006885	A8 THROUGH HOLE POWER CHUCK 18" 4 JAWS							
THS006886	A11 THROUGH HOLE POWER CHUCK 24" 4 JAWS							
THS006887	A15 THROUGH HOLE POWER CHUCK 24" 4 JAWS							

CHUCK POWER (8)" 5 JAWS TYPE NHT FOR SPINDLE TAPER A2-5



SKU	Through-Hole (mm)	Plunger Stroke (mm)	Jaw stroke (in dia.) (mm)	Max. Pull Force (kgf) 3 Jaw / 2 Jaw	Max. Gripping Force (kgf) 3 Jaw / 2 Jaw	Max. Operating Pressure (kgf/cm ²) 3 Jaw / 2 Jaw	RPM	Weight (kg)	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw
SKP007789	Ø52	16	7.4	2243 / 1495	5812 / 3875	17.2 / 12.1	3500	25.2	M1552	HJ-06	HC-08-1
SKP008012	Ø52	16	7.4	2243 / 1495	5812 / 3875	17.2 / 12.1	3500	24.7	M1552	HJ-06	HC-08-1

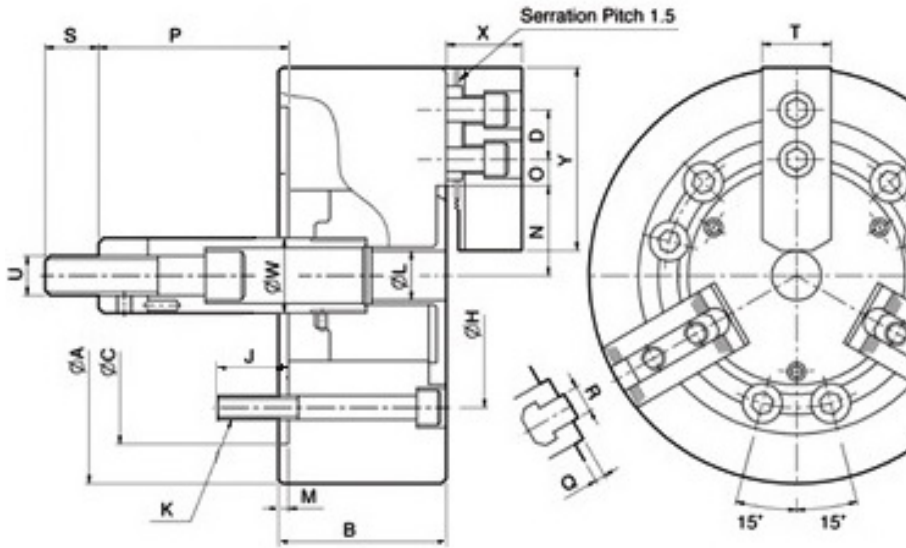
SKU	A	B	C (H6)	D	E	F	G	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	V	W	X	Y	Reference
SKP007789	210	113	170	20	23	82.563	133.5	104.78	13	6xM12	52	5	41.8	34	7.5	37.5	21.5	2	12	20.5	32	M60x2	6xM10	66	37	73	Fig-2
SKP008012	210	107	170	20	17	106.375	150	133.35	17	6xM12	52	5	41.8	34	7.5	31.5	15.5	2	12	20.5	32	M60x2	3xM6	66	37	73	Fig-1

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS015517	CHUCK POWER (8)" 5 JAWS TYPE NHT FOR SPINDLE TAPER A2-5							

THS015518	CHUCK POWER (8)" 5 JAWS TYPE NHT FOR SPINDLE TAPER A2-6							

Updated 202302

CHUCK POWER 06" TYPE V-206 OEM KITAGAWA N-206 B-206



SKU	Plunger Stroke (mm)	Radial Jaw Stroke (mm)	Max. Pull Force (kN)	Max. Gripping Force (kN)	Max. Operating Pressure (kgf/cm ²)	Max. Speed (RPM)	Moment of Inertia (kg/m ²)	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
THS006964	20	9.2	1835	5353	26.5	5200	0.045	MS105C	HJ06	HC06	Ø18 - Ø165
THS006965	21	9.7	2549	7648	25.5	4500	0.137	MS125C	HJ08	HC08	Ø26 - Ø210
THS006966	25	8.8	2957	11013	28.6	4000	0.3	MS125C	HJ10	HC10	Ø26 - Ø254
THS006967	30	10.5	4181	15907	27.5	3300	0.72	MS150C	HJ12-1	HC12-1	Ø26 - Ø304
THS006968	35	16	8362	25391	32.6	3000	1.8	MS200C	HJ15-1	HC15-1	Ø68 - Ø381
THS006969	35	16	8362	25391	32.6	1060	2.9	MS200C	HJ15-1	HC15-1	Ø130 - Ø450

SKU	A	B	C (H6)	D	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	W	X	Y
THS006964	165	74	140	20	104.78	14	6-M10x70	21	5	38.7	14.75	7.25	104.6	84.6	4	12	36	31	M16x2.0	34	39	73
THS006965	210	85	170	25	133.35	20	6-M12x85	25	5	46.85	22.25	10.25	132	111	5	14	36	35	M20x2.5	38	41	95
THS006966	254	89	220	30	171.45	18	6-M16x85	34	5	51.1	30.75	11.25	158	133	5	16	36	40	M20x2.5	45	46	110
THS006967	304	106	220	30	171.45	24	6-M16x105	34	6	61	48.75	12.75	163	133	5	18	36	50	M20x2.5	50	54	130
THS006968	381	114	300	43	235	29	6-M20x115	-	6	77.5	50.25	23.25	104	69	2	25.5	55	50	M30x3.5	60	63	165
THS006969	450	114	300	43	235	29	6-M20x115	-	6	108	50.25	23.25	92	57	2	25.5	55	50	M30x3.5	60	63	165

Compatibility with Kitagawa Chucks	
THS006964	Kitagawa N-206, B-206
THS006965	Kitagawa N-208
THS006966	Kitagawa N-210
THS006967	Kitagawa N-212
THS006968	Kitagawa N-215
THS006969	Kitagawa N-218

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS006964	CHUCK POWER 06" TYPE V-206 OEM KITAGAWA N-206 B-206							
THS006965	CHUCK POWER 08" TYPE V-208 OEM KITAGAWA N-208							
THS006966	CHUCK POWER 10" TYPE V-210 OEM KITAGAWA N-210							
THS006967	CHUCK POWER 12" TYPE V-212 OEM KITAGAWA N-212							
THS006968	CHUCK POWER 15" TYPE V-215 OEM KITAGAWA N-215							
THS006969	CHUCK POWER 18" TYPE V-218 OEM KITAGAWA N-218							

Updated 202302

CHUCK POWER (8)" 3 JAWS TYPE NB FOR SPINDLE TAPER A2-6



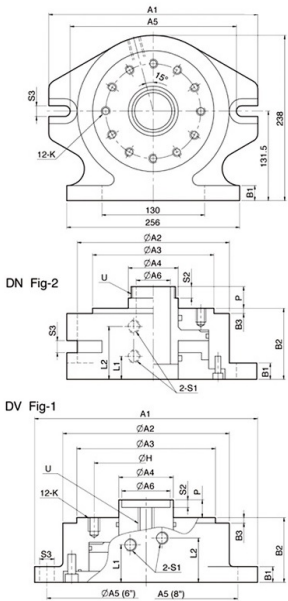
SKU	Through-Hole (mm)	Plunger Stroke (mm)	Jaw stroke (in dia.) (mm)	Max. Pull Force (kgf)	Max. Gripping Force (kgf)	Max. Operating Pressure (kgf/cm ²)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
SKP008181	Ø52	12	5.4	2243	5812	18.4	6000	14	0.06	M1552	HJ-06	HC-06	Ø16 - Ø170
SKP007775	Ø66	16	7.4	3558	9075	20.5	5000	24	0.14	M1868	HJ-08	HC-08	Ø20 - Ø210
SKP007776	Ø78	19	8.8	4385	11319	27.5	4200	37.4	0.4	M1878	HJ-10	HC-10	Ø25 - Ø254
SKP010959	Ø122	23	10.6	5812	14990	20.5	3200	65	0.95	M2511	HJ-12	HC-12	Ø41 - Ø315
SKP063973	Ø142	23	10.6	7240	18355	25.5	2500	130	3.0	M2816	HJ-15	HC-15	Ø60 - Ø405
SKP063974	Ø166.5	23	10.6	7240	18355	25.5	2000	161	4.77	M2816	HJ-15	HC-15	Ø75 - Ø457

QIMModel	A	B	C (H6)	D	E	F	G	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	V	W	X (H12)	X2	X3	X4
SKP008181	170	91	140	20	15	82.563	116	104.78	14.5	6xM10	52	5	34.3	18.25	9.25	26	14	2	12	20	32	M60x2	3xM6	65	16	36	65	M8
SKP007775	210	103	170	25	17	106.375	150	133.35	19.5	6xM12	66	5	42	23.75	11.75	31.5	15.5	2	14	20	37	M74x2	3xM6	80	16	45	80	M8
SKP007776	254	113	220	30	18	139.719	190	171.45	24	6xM16	78	5	53	33.75	14.25	26.5	7.5	2	16	25	42	M87x2	3xM8	94	16	60	102	M10
SKP010959	315	134	300	30	22	196.869	260	235	28	6xM20	122	6	74.2	36.25	12.75	42	19	2	21	28	52	M135x2	3xM10	143	20	60	138	M10
SKP063973	405	154	380	43	27	285.775	330.2	330.2	33	6xM24	142	6	93.5	45.25	15.25	34	11	5	22	43	62	M155x2	3xM12	164	20	80	160	M12
SKP063974	457	154	380	43	27	285.775	330.2	330.2	33	6xM24	166.5	6	96.7	63.25	18.25	34	11	5	22	43	62	M180x3	3xM12	189	20	100	160	M12

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS001600	CHUCK POWER (8)" 3 JAWS TYPE NB FOR SPINDLE TAPER A2-6							
THS015507	CHUCK POWER (10)" 3 JAWS TYPE NB FOR SPINDLE TAPER A2-8							
THS015508	CHUCK POWER (12)" 3 JAWS TYPE NB FOR SPINDLE TAPER A2-11							
THS015509	CHUCK POWER (12)" 3 JAWS TYPE NB FOR SPINDLE TAPER A2-6							
THS015510	CHUCK POWER (12)" 3 JAWS TYPE NB FOR SPINDLE TAPER A2-8							
THS015513	CHUCK POWER (15)" 3 JAWS TYPE NB FOR SPINDLE TAPER A2-15							
THS015514	CHUCK POWER (15)" 3 JAWS TYPE NB FOR SPINDLE TAPER A2-8							
THS015515	CHUCK POWER (6)" 3 JAWS TYPE NB FOR SPINDLE TAPER A3-5							
THS015516	CHUCK POWER (18)" 3 JAWS TYPE NB FOR SPINDLE TAPER A2-15							

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Power chuck DN-08



SKU	Piston Dia. (mm)	Piston Area (cm ²) Push Side / Pull Side	Max. Draw Bar Force (kgf) Push Side / Pull Side	Piston Stroke (mm)	Max. Operating Pressure (kgf/cm ²)	Weight (kg)	Matching Chuck
THS006850	Ø115	104 / 78.5	1900 / 1400	20	20	12	V-206
THS006844	Ø155	187 / 148.6	3600 / 2800	21	20	21	V-208, V-210, V-212
SKP063992	Ø155	148.6 / 148.6	2800 / 2800	17	20	28.5	N-208

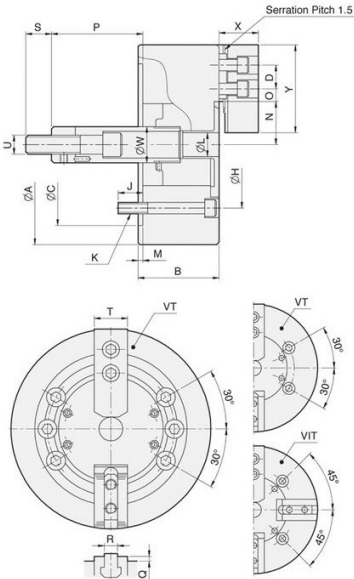
SKU	A1	A2	A3	A4	A5	A6	B1	B2	B3	H	K	L1	L2	P max.	P min.	S1	S2	S3	U	Reference
THS006850	Ø220	168	140	55	Ø220	49	16	65.5	5.5	104.78	12-M10x16L	38	45	18	-2	PT 1/4"	7.6	2-Ø15	M16xP2.0	Fig-1
THS006844	Ø290	210	170	70	242	58	24	86	5.5	133.35	12-M12x18L	23	65	20	-1	PT 1/4"	5.5	2-16	M16xP2.0	Fig-1
SKP063992	Ø293	213	170	70	242	52	24	100	5.5	133.35	12-M12x18L	32.5	74.5	30.4	13.4	PT 1/4"	16	4-17	M60xP2.0	Fig-2

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS006841	STATIONARY PNEUMATIC POWER CHUCK 5" 3 SOFT JAWS WITH CYLINDER							
THS006842	STATIONARY PNEUMATIC POWER CHUCK 4" 3 SOFT JAWS WITH CYLINDER							

<u>THS006844</u>	STATIONARY PNEUMATIC POWER CHUCK 8" 3 SOFT JAWS WITH CYLINDER							
<u>THS006850</u>	STATIONARY PNEUMATIC POWER CHUCK 6" 3 SOFT JAWS WITH CYLINDER							

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Power chuck VT-206A4



SKU	Jaws	Plunger Stroke (mm)	Jaw Stroke (in dia.) (mm)	Max. Pull Force (kgf)	Max. Gripping Force (kgf)	Max. Operating Pressure (kgf/cm ²)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
SKP007798SKP008037	2	20	9.2	1224	3569	17.3	5200	12	0.045	MS-105C	HJ-06	HC-06	Ø18 - Ø165
SKP007799SKP008038	2	21	9.7	1683	5098	16.3	4500	22	0.13	MS-125C	HJ-08	HC-08	Ø26 - Ø210
SKP007800SKP008039	2	25	8.8	1988	7342	19.4	4000	33.5	0.29	MS-125C	HJ-10	HC-10	Ø26 - Ø254
SKP008040SKP007801	2	30	10.5	2804	10605	18.4	3300	59	0.7	MS-150C	HJ-12-1	HC-12-1	Ø26 - Ø304
SKP007803	4	30	10.5	4181	15907	27.5	2800	63.4	0.74	MS-150C	HJ-12-1	HC-12-1	Ø26 - Ø304
SKP063976	2	35	16	5557	16927	21.7	3000	100.6	1.7	MS-200C	HJ-15-1	HC-15-1	Ø68 - Ø381
SKP063975	4	35	16	8362	25391	32.6	2300	119	2.975	MS-200C	HJ-15-1	HC-15-1	Ø130 - Ø450

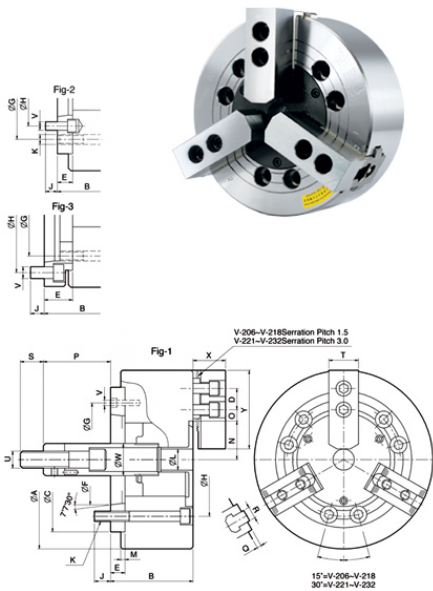
SKU	A	B	C	D	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U	W	X	Y
SKP007798SKP008037	165	74	140	20	104.78	14	4-M10x70	21	5	38.7	14.75	7.25	104.6	84.6	4	12	36	31	M16x2.0	34	39	73
SKP007799SKP008038	210	85	170	25	133.35	20	6-M12x85	25	5	46.85	22.25	10.25	132	111	5	14	36	35	M20x2.5	38	41	95
SKP007800SKP008039	254	89	220	30	171.45	18	6-M16x85	34	5	51.1	30.75	11.25	158	133	5	16	36	40	M20x2.5	45	46	110
SKP008040SKP007801	304	106	220	30	171.45	24	6-M16x105	34	6	61	48.75	12.75	163	133	5	18	36	50	M20x2.5	50	54	130

SKP007803	304	106	220	30	171.45	23	4-M16x105	34	6	61	48.75	12.75	163	133	5	18	36	50	M20x2.5	50	54	130
SKP063976	381	114	300	43	235	29	6-M20x115	-	6	77.5	50.25	23.25	104	69	2	25.5	55	50	M30x3.5	60	63	165
SKP063975	450	114	300	43	235	29	4-M20x115	-	6	108	50.25	23.25	90	57	2	25.5	55	50	M30x3.5	60	63	165

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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CHUCK POWER 18" TYPE V-218 ADAPTOR A8



SKU	Plunger Stroke (mm)	Jaw stroke (in dia.) (mm)	Max. Pull Force (kgf)	Max. Gripping Force (kgf)	Max. Operating Pressure (kgf/cm ²)	RPM	Weight (kg)	Moment of Inertia (kg/m ²)	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
THS006916	20	9.2	1835	5353	26.5	5200	13.2	0.05	MS105C	HJ-06	HC-06	Ø18 - Ø165
THS006917	20	9.2	1835	5353	26.5	5200	15.8	0.059	MS105C	HJ-06	HC-06	Ø18 - Ø165
THS006915	21	9.7	2549	7648	25.5	4500	25.8	0.154	MS125C	HJ-08	HC-08	Ø26 - Ø210
THS006914	21	9.7	2549	7648	25.5	4500	25	0.149	MS125C	HJ-08	HC-08	Ø26 - Ø210
THS006913	21	9.7	2549	7648	25.5	4500	19,3	0.175	MS125C	HJ-08	HC-08	Ø26 - Ø210
THS006911	25	8.8	2957	11013	28.6	4000	40.5	0.35	MS125C	HJ-10	HC-10	Ø26 - Ø254
THS006910	25	8.8	2957	11013	28.6	4000	37.5	0.33	MS125C	HJ-10	HC-10	Ø26 - Ø254
THS006912	25	8.8	2957	11013	28.6	4000	47.9	0.417	MS125C	HJ-10	HC-10	Ø26 - Ø254
THS006908	30	10.5	4181	15907	27.5	3300	66.5	0.76	MS150C	HJ-12-1	HC-12-1	Ø26 - Ø304
THS006907	30	10.5	4181	15907	27.5	3300	64.4	0.75	MS150C	HJ-12-1	HC-12-1	Ø26 - Ø304
THS006909	30	10.5	4181	15907	27.5	3300	72.9	0.888	MS150C	HJ-12-1	HC-12-1	Ø26 - Ø304
THS006901	35	16	8362	25391	32.6	3000	115	2.05	MS200C	HJ-15-1	HC-15-1	Ø68 - Ø381
THS006903	35	16	8362	25391	32.6	3000	108	1.92	MS200C	HJ-15-1	HC-15-1	Ø68 - Ø381
THS006902	35	16	8362	25391	32.6	3000	128	2.281	MS200C	HJ-15-1	HC-15-1	Ø68 - Ø381
THS006897	35	16	8362	25391	32.6	2700	134	3.35	MS200C	HJ-15-1	HC-15-1	Ø130 - Ø450
THS006899	35	16	8362	25391	32.6	2700	122	3.05	MS200C	HJ-15-1	HC-15-1	Ø130 - Ø450
THS006898	35	16	8362	25391	32.6	2700	143	3.575	MS200C	HJ-15-1	HC-15-1	Ø130 - Ø450

SKU	A	B	C (H6)	D	E	F	G	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	V	W	X	Y	Reference
THS006916	165	84	140	20	15	82.563	116	104.78	14	6-M10	21	5	38.7	14.75	7.25	89.6	69.6	4	12	36	31	M16x2.0	3-M6	34	39	73	Fig.1
THS006917	165	104	140	20	35	106.375	104.78	133.35	16	6-M10	21	5	38.7	14.75	7.25	69.6	49.6	4	12	36	31	M16x2.0	6-M12	34	39	73	Fig.3
THS006915	210	103	170	25	23	82.563	133.35	104.78	13	6-M12	25	5	46.85	22.25	10.25	109	88	5	14	36	35	M20x2.5	3-M6	38	41	95	Fig.2
THS006914	210	97	170	25	17	106.375	150	133.35	18	6-M12	25	5	46.85	22.25	10.25	115	94	5	14	36	35	M20x2.5	6-M16	38	41	95	Fig.1
THS006913	210	120	170	25	40	139.719	133.35	171.45	24	6-M12	25	5	46.85	22.25	10.25	92	71	5	14	36	35	M20x2.5	6-M12	38	41	95	Fig.3
THS006911	254	109	220	30	25	106.375	171.45	133.35	18	6-M16	34	5	51.1	30.75	11.25	133	108	5	16	36	40	M20x2.5	6-M12	45	46	110	Fig.2
THS006910	254	102	220	30	18	139.719	190	171.45	25	6-M16	34	5	51.1	30.75	11.25	140	115	5	16	36	40	M20x2.5	3-M8	45	46	110	Fig.1
THS006912	254	134	220	30	50	196.869	171.45	235	28	6-M16	34	5	51.1	30.75	11.25	108	83	5	16	36	40	M20x2.5	6-M20	45	46	110	Fig.3
THS006908	304	125	220	30	25	106.375	171.45	133.35	18	6-M16	34	6	61	48.75	12.75	138	108	5	18	36	50	M20x2.5	6-M12	50	54	130	Fig.2
THS006907	304	118	220	30	18	139.719	190	171.45	25	6-M16	34	6	61	48.75	12.75	145	115	5	18	36	50	M20x2.5	3-M8	50	54	130	Fig.1
THS006909	304	150	220	30	50	196.869	171.45	235	28	6-M16	34	6	61	48.75	12.75	113	83	5	18	55	50	M20x2.5	6-M20	50	54	130	Fig.3
THS006901	381	141	300	430	33	139.719	235	171.45	24	6-M20	-	6	77.5	50.25	23.25	71	36	2	25.5	55	62	M30x3.5	6-M16	60	63	165	Fig.2
THS006903	381	130	300	43	22	196.869	260	235	32	6-M20	-	6	77.5	50.25	23.25	82	47	2	25.5	55	62	M30x3.5	3-M10	60	63	165	Fig.1
THS006902	381	165	300	43	57	285.775	235	330.2	24	6-M20	-	6	77.5	50.25	23.25	47	12	2	25.5	55	62	M30x3.5	6-M24	60	63	165	Fig.3
THS006897	450	141	300	43	33	139.719	235	171.45	24	6-M20	-	6	108	50.25	23.25	59	25	2	25.5	55	62	M30x3.5	6-M16	60	63	165	Fig.2
THS006899	450	130	300	43	22	196.869	260	235	32	6-M20	-	6	108	50.25	23.25	70	35	2	25.5	55	62	M30x3.5	3-M10	60	63	165	Fig.1
THS006898	450	165	300	43	57	285.775	235	330.2	24	6-M20	-	6	108	50.25	23.25	35	0	2	25.5	55	62	M30x3.5	6-M24	60	63	165	Fig.3

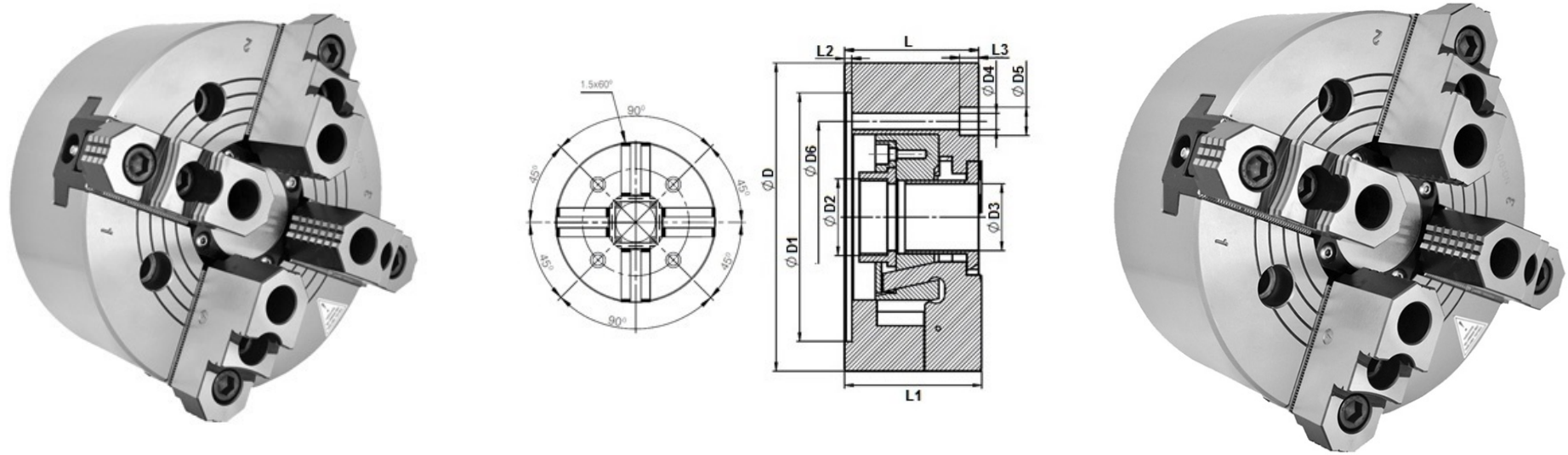
Compatibility with Kitagawa Chucks	
THS006916	Kitagawa N-206A5
THS006917	Kitagawa N-206A6
THS006915	Kitagawa N-208A5
THS006914	Kitagawa N-208A6
THS006913	Kitagawa N-208A8
THS006911	Kitagawa N-210A6
THS006910	Kitagawa N-210A8
THS006912	Kitagawa N-210A11
THS006908	Kitagawa N-212A6
THS006907	Kitagawa N-212A8
THS006909	Kitagawa N-212A11
THS006901	Kitagawa N-215A8
THS006903	Kitagawa N-215A11
THS006902	Kitagawa N-215A15

THS006897	Kitagawa N-218A8
THS006899	Kitagawa N-218A11
THS006898	Kitagawa N-218A15

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS006897	CHUCK POWER 18" TYPE V-218 ADAPTOR A8							
THS006898	CHUCK POWER 18" TYPE V-218 ADAPTOR A15							
THS006899	CHUCK POWER 18" TYPE V-218 ADAPTOR A11							
THS006901	CHUCK POWER 15" TYPE V-215 ADAPTOR A8							
THS006902	CHUCK POWER 15" TYPE V-215 ADAPTOR A15							
THS006903	CHUCK POWER 15" TYPE V-215 ADAPTOR A11							
THS006907	CHUCK POWER 12" TYPE V-212 ADAPTOR A8							
THS006908	CHUCK POWER 12" TYPE V-212 ADAPTOR A6							
THS006909	CHUCK POWER 12" TYPE V-212 ADAPTOR A11							
THS006910	CHUCK POWER 10" TYPE V-210 ADAPTOR A8							
THS006911	CHUCK POWER 10" TYPE V-210 ADAPTOR A6							
THS006912	CHUCK POWER 10" TYPE V-210 ADAPTOR A11							
THS006913	CHUCK POWER 08" TYPE V-208 ADAPTOR A8							
THS006914	CHUCK POWER 08" TYPE V-208 ADAPTOR A6							
THS006915	CHUCK POWER 08" TYPE V-208 ADAPTOR A5							
THS006916	CHUCK POWER 06" TYPE V-206 ADAPTOR A5							
THS006917	CHUCK POWER 06" TYPE V-206 ADAPTOR A6							

Updated 202302

Power chuck OZ124



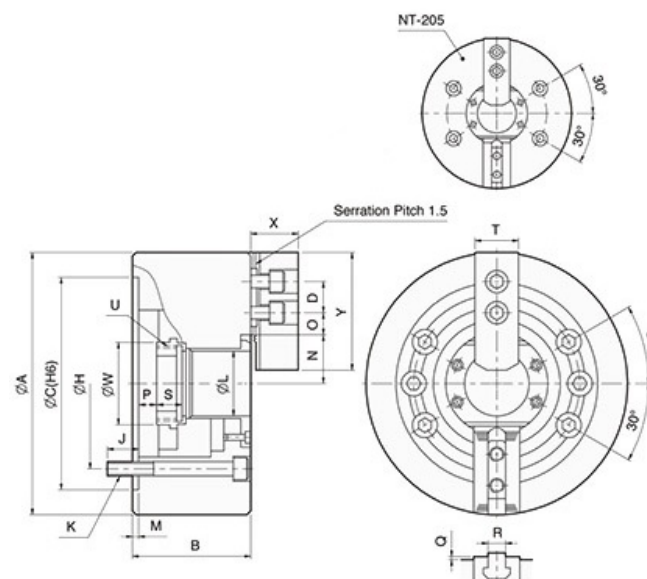
SKU	D	D1	D2	D3	D4	D5	D6	L	L1	L2	L3	L4
SKP037038	169	140	M55x2	45	12	17	104.80	81	83	5	12	32
SKP037039	210	170	M60x2	52	14	20	133.40	91	93	5	18	38
SKP011550	254	220	M85x2	75	18	26	171.40	100	102	5	18	41
SKP011529	305	220	M100x2	85	18	26	171.40	110	112	6	18	51
SKP011552	381	300	M130x2	120	22	32	235	134	138	6	22	62

Technical Specification							
SKU	Jaw Stroke	Max. Speed (R.P.M.)	Max. Pull Force	Max. Gripping Force	Plunger Stroke	Flange Type	Gripping Diameter with Hard Jaws Min. / Max.
SKP037038	5.5	6000	15 KN	38 KN	13	A5	12 / 169
SKP037039	7.3	5000	23 KN	57 KN	17	A6	12 / 210
SKP011550	8.5	4200	28 KN	74 KN	20	A8	28 / 254
SKP011529	8.5	3300	37 KN	96 KN	20	A8	32 / 305
SKP011552	10.6	2500	43 KN	120 KN	23	A8 - A11	45 / 381

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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Updated 202302

Power chuck NT-205



SKU	Through-Hole (mm)	Plunger Stroke (mm)	Jaw stroke (in dia.) (mm)	Max. Pull Force (kgf)	Max. Gripping Force (kgf)	Max. Operating Pressure (kgf/cm ²)	Max. Speed (R.P.M.)	Weight (kg)	Moment of Inertia (kg/m ²)	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
SKP064210	Ø33	10	5.4	1189	2447	19.5	7000	6.8	0.017	M-1036	HJ-05	HC-05	Ø6 - Ø135
THS003715	Ø45	12	5.5	1495	3875	18.9	6000	12.8	0.054	M-1246	HJ-06	HC-06	Ø15 - Ø169
SKP064212	Ø52	16	7.4	2366	5975	18.4	5000	22	0.163	M-1552	HJ-08	HC-08	Ø20 - Ø210
SKP064213	Ø75	19	8.8	2927	7546	18.4	4200	34	0.306	M-1875	HJ-10	HC-10	Ø25 - Ø254
SKP064214	Ø91	23	10.6	3875	9993	18.4	3300	55	0.717	M-2091	HJ-12	HC-12	Ø30 - Ø304
SKP064215	Ø117.5	23	10.6	4823	12236	15.3	2500	106	2.17	M-2511	HJ-15	HC-15	Ø50 - Ø381
SKP064216	Ø117.5	23	10.6	4823	12236	15.3	2000	122	3.31	M-2511	HJ-15	HC-15	Ø50 - Ø450

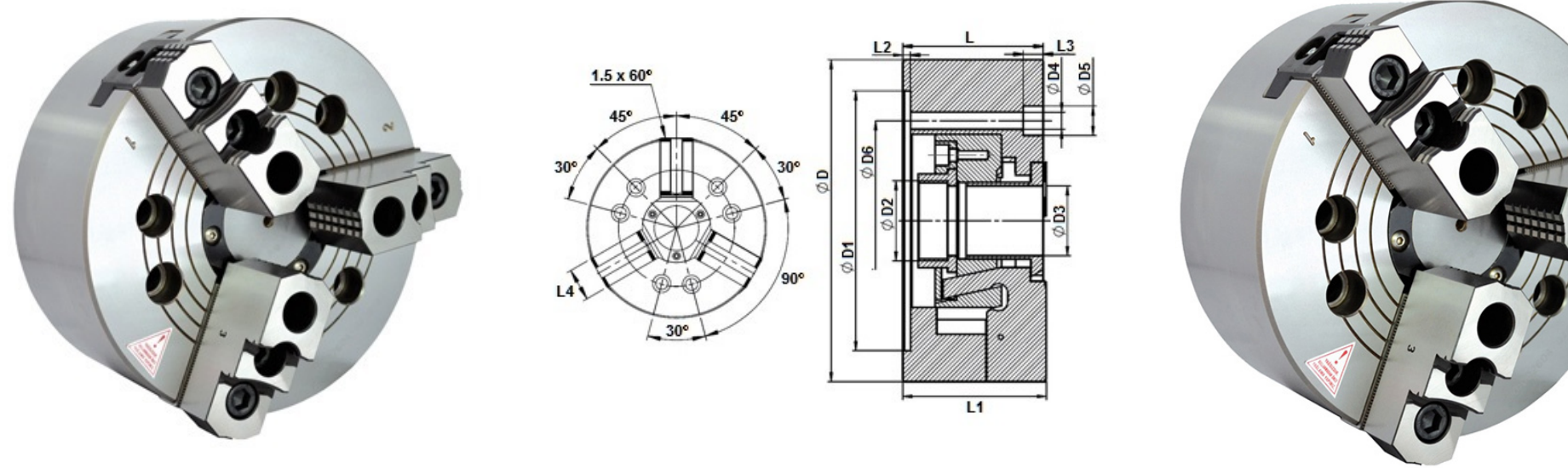
SKU	A	B	C (H6)	D	H	J	K	L	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U max.	W	X	Y
SKP064210	135	60	110	14	82.55	15	4-M10x60	33	4	23.2	26.5	7.75	1	-9	2	10	20	23	M40x1.5	45	31	54
THS003715	169	81	140	20	104.78	16	6-M10x80	45	5	26.5	32	9.25	11	-1	2	12	19	31	M55x2	60	37	73
SKP064212	210	91	170	25	133.35	20	6-M12x90	52	5	32	38.7	11.75	14.5	-1.5	2	14	20.5	35	M60x2	66	38	95
SKP064213	254	100	220	30	171.45	22	6-M16x100	75	5	38.7	51	14.25	8.5	-10.5	2	16	25	40	M85x2	94	43	110
SKP064214	304	110	220	30	171.45	23	6-M16x110	91	6	51	61.3	15.75	8	-15	2	21	28	50	M100x2	108	51	130
SKP064215	381	133	300	43	235	35	6-M20x135	117.5	6	61.3	82	15.25	7	-16	5	22	43	62	M130x2	139	66	165

<u>SKP064216</u>	450	133	300	43	235	35	6-M20x135	117.5	6	82	82	15.25	7	-16	5	22	43	62	M130x2	139	66	165
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SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
<u>IHS003715</u>	THROUGH HOLE POWER CHUCK 6" 2 JAW							

Updated 202302

Power chuck OZ803



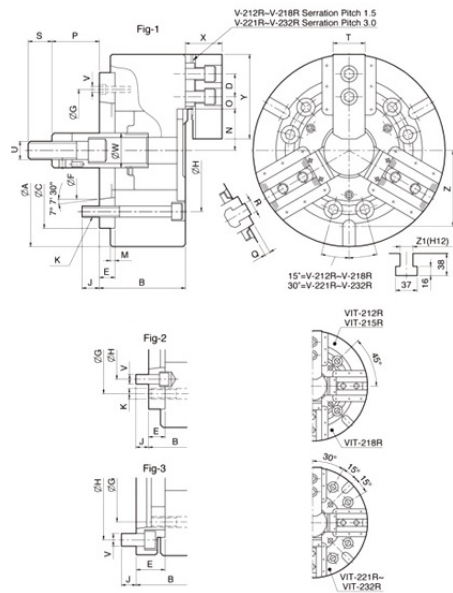
SKU	D	D1	D2	D3	D4	D5	D6	L	L1	L2	L3	L4
THS006840	135	110	M40x1.5	33	12	17	82.60	62	64	4	12	24
SKP037037	169	140	M55x2	45	12	17	104.80	81	83	5	12	32
SKP011551	210	170	M60x2	52	14	20	133.40	91	93	5	18	38
SKP011553	254	220	M85x2	75	18	26	171.40	100	102	5	18	41
SKP011557	305	220	M100x2	85	18	26	171.40	110	112	6	18	51
SKP011560	381	300	M130x2	120	22	32	235	134	138	6	22	62

Technical Specification							
SKU	Jaw Stroke	Max. Speed (R.P.M.)	Max. Pull Force	Max. Gripping Force	Plunger Stroke	Flange Type	Gripping Diameter with Hard Jaws Min. / Max.
THS006840	5.5	7000	17 KN	36 KN	10	A4	11 / 135
SKP037037	5.5	6000	21 KN	56 KN	13	A5	12 / 169
SKP011551	7.3	5000	35 KN	85 KN	17	A5 - A6	12 / 210
SKP011553	8.5	4500	42 KN	110 KN	20	A6 - A8	28 / 254
SKP011557	8.5	3500	54 KN	143 KN	20	A8	32 / 305
SKP011560	10.6	2500	71 KN	179 KN	23	A8 - A11	45 / 381

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
<u>THS006840</u>	THROUGH HOLE POWER CHUCK 5" 3 JAW							

Updated 202302

Power chuck V-218RA15



SKU	Jaws	Plunger Stroke (mm)	Jaw Stroke (in dia.) (mm)	Max. Pull Force (kgf)	Max. Gripping Force (kgf)	Max. Operating Pressure (kgf/cm ²)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Matching Cylinder	Matching Hard Jaw	Matching Soft Jaw	Gripping O.D. Range (mm)
THS006905	3	30	16	5506	13664	36.7	3000	67.7	0.774	MS150C	HJ-12-1	HC-12-1	Ø26 - Ø304
THS006904	3	30	16	5506	13664	36.7	3000	65.6	0.764	MS150C	HJ-12-1	HC-12-1	Ø26 - Ø304
THS006906	3	30	16	5506	13664	36.7	3000	74.1	0.902	MS150C	HJ-12-1	HC-12-1	Ø26 - Ø304
THS006890	3	35	18.7	9687	25391	33.6	2800	120.4	2.146	MS200C	HJ-15-1	HC-15-1	Ø68 - Ø381
THS006900	3	35	18.7	9687	25391	33.6	2800	113.4	2.016	MS200C	HJ-15-1	HC-15-1	Ø68 - Ø381
THS006894	3	35	18.7	9687	25391	33.6	2800	133.4	2.377	MS200C	HJ-15-1	HC-15-1	Ø68 - Ø381
THS006895	3	35	18.7	9687	25391	33.6	2300	148.5	3.713	MS200C	HJ-15-1	HC-15-1	Ø116 - Ø450
THS006896	3	35	18.7	9687	25391	33.6	2300	136.5	3.413	MS200C	HJ-15-1	HC-15-1	Ø116 - Ø450
SKP064001	3	35	18.7	9687	25391	33.6	2300	157.5	3.938	MS200C	HJ-15-1	HC-15-1	Ø116 - Ø450

THS006893	3	35	16	8362	27838	32.6	1940	200	6.58	MS200C	HJ-24-1	HC-24-1	Ø65 - Ø530
THS006892	3	35	16	8362	27838	32.6	1940	193	6.37	MS200C	HJ-24-1	HC-24-1	Ø65 - Ø530
THS006891	3	35	16	8362	27838	32.6	1760	239	7.6	MS200C	HJ-24-1	HC-24-1	Ø152 - Ø610
THS005207(OEM KITAGAWA NV-24C)	3	35	16	8362	21924	32.6	1760	232	7.38	MS200C	HJ-24-1	HC-24-1	Ø152 - Ø610
THS006889	3	35	18.7	8362	21924	32.6	1060	382	30	MS200C	HJ-24-1	HC-32-1	Ø100 - Ø810
THS006888	3	35	18.7	8362	21924	32.6	1060	375	28	MS200C	HJ-24-1	HC-10	Ø100 - Ø810
SKP064008	4	30	16	5506	13664	36.7	2500	68	0.792	MS150C	HJ-12-1	HC-12-1	Ø26 - Ø304
SKP064009	4	35	18.7	9687	25391	33.6	2000	140.2	3.505	MS200C	HJ-15-1	HC-15-1	Ø116 - Ø450
SKP064010	4	35	18.7	8362	24838	32.6	1520	244	7.812	MS200C	HJ-24-1	HC-24-1	Ø152 - Ø610
SKP064011	4	35	18.7	8362	21924	32.6	920	416	31.2	MS200C	HJ-24-1	HC-32-1	Ø100 - Ø810

SKU	A	B	C (H6)	D	E	F	G	H	J	K	M	N max.	O max.	O min.	P max.	P min.	Q	R	S	T	U	V	W	X	Y	Z	Z1	Reference
THS006905	304	125	220	30	25	106.375	171.45	133.35	18	6- M16	6	61	48.75	12.75	138	108	5	18	36	50	M20x2.5	6- M12	50	54.5	130	-	-	Fig.2
THS006904	304	118	220	30	18	139.719	190	171.45	25	6- M16	6	61	48.75	12.75	145	115	5	18	36	50	M20x2.5	3- M8	50	54.5	130	-	-	Fig.1
THS006906	304	150	220	30	50	196.869	171.45	235	28	6- M16	6	61	48.75	12.75	113	83	5	18	36	50	M20x2.5	6- M20	50	54.5	130	-	-	Fig.3
THS006890	381	141	300	43	33	139.719	235	171.45	24	6- M20	6	78	49.75	24.25	71	36	2	25.5	55	62	M30x3.5	6- M16	60	66.5	165	-	-	Fig.2
THS006900	381	130	300	43	22	196.869	260	235	32	6- M20	6	78	49.75	24.25	82	47	2	25.5	55	62	M30x3.5	3- M10	60	66.5	165	-	-	Fig.1
THS006894	381	165	300	43	57	285.775	235	330.2	24	6- M20	6	78	49.75	24.25	47	12	2	25.5	55	62	M30x3.5	6- M24	60	66.5	165	-	-	Fig.3
THS006895	450	141	300	43	33	139.719	235	171.45	24	6- M20	6	92	70.75	24.25	59	24	2	25.5	55	62	M30x3.5	6- M16	60	66.5	165	158	22	Fig.2
THS006896	450	130	300	43	22	196.869	260	235	28	6- M20	6	92	70.75	24.25	70	35	2	25.5	55	62	M30x3.5	3- M10	60	66.5	165	158	22	Fig.1
SKP064001	450	165	300	43	57	285.775	235	330.2	24	6- M20	6	92	70.75	24.25	105	70	2	25.5	55	62	M30x3.5	6- M24	60	66.5	165	158	22	Fig.3

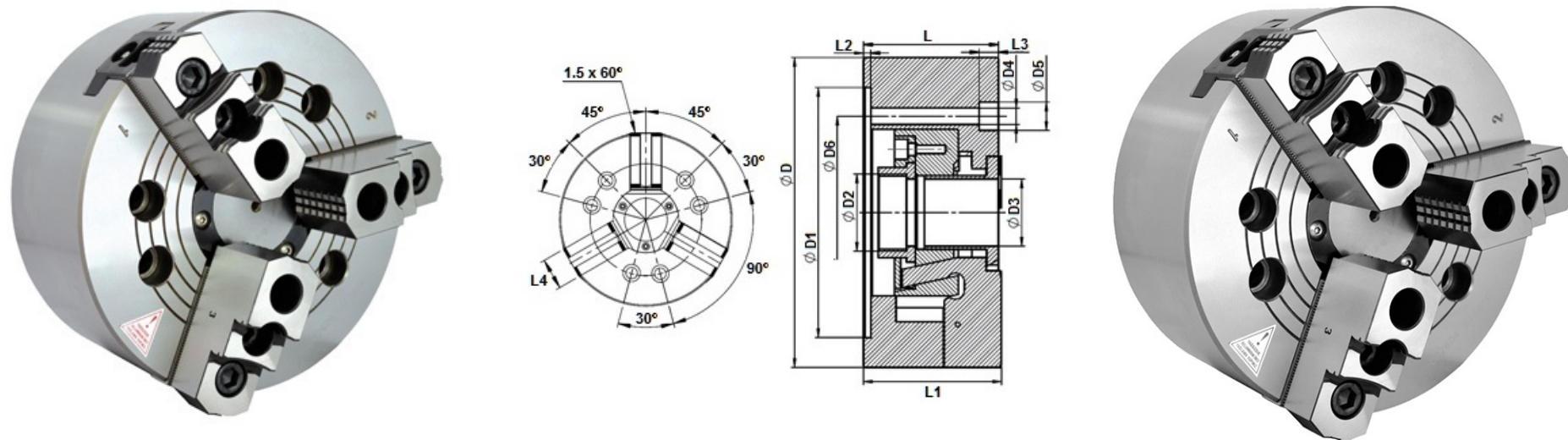
<u>THS006893</u>	530	148	380	60	27	196.869	330.2	235	30	6-M24	6	85	93.5	24.5	70	35	8	25	55	65	M30x3.5	6-M20	60	76	180	155	22	Fig.2
<u>THS006892</u>	530	148	380	60	27	285.775	330.2	330.2	34	6-M24	6	85	93.5	24.5	70	35	8	25	55	65	M30x3.5	3-M12	60	76	180	155	22	Fig.1
<u>THS006891</u>	610	148	380	60	27	196.869	330.2	235	30	6-M24	6	125	93.5	24.5	70	35	8	25	55	65	M30x3.5	6-M20	60	76	180	165	22	Fig.2
<u>THS005207(OEM KITAGAWA NV-24C)</u>	610	148	380	60	27	285.775	330.2	330.2	34	6-M24	6	125	93.5	25.5	70	35	8	25	55	65	M30x3.5	3-M12	60	76	180	165	22	Fig.1
<u>THS006889</u>	810	156	380	80	27	196.869	330.2	235	30	6-M24	6	104.8	196.5	25.5	47	12	9	25	60	74	M30x3.5	6-M20	60	97	210	165	22	Fig.2
<u>THS006888</u>	810	156	380	80	27	285.775	330.2	330.2	33	6-M24	6	104.8	196.5	25.5	47	12	9	25	60	74	M30x3.5	3-M12	60	97	210	165	22	Fig.1
<u>SKP064008</u>	304	118	220	30	18	139.719	190	171.45	25	4-M16	6	61	48.75	12.75	145	115	5	18	36	50	M20x2.5	4-M8	50	54.5	130	-	-	Fig.1
<u>SKP064009</u>	450	130	300	43	22	196.869	260	235	28	4-M20	6	92	70.75	24.25	70	35	2	25.5	55	62	M30x3.5	4-M10	60	66.5	165	158	22	Fig.1
<u>SKP064010</u>	610	146	380	60	27	285.775	330.2	330.2	34	8-M24	6	125	93.5	24.5	70	35	8	25	55	65	M30x3.5	4-M12	60	76	180	165	22	Fig.1
<u>SKP064011</u>	810	156	380	80	27	285.775	330.2	330.2	33	8-M24	6	104.8	196.5	25.5	47	12	9	25	60	74	M30x3.5	4-M12	60	97	210	165	22	Fig.1

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
<u>THS005207</u>	CHUCK POWER 24" TYPE V-224R ADAPTOR A15							
<u>THS006888</u>	CHUCK POWER 32" TYPE V-232R ADAPTOR A15							
<u>THS006889</u>	CHUCK POWER 32" TYPE V-232R ADAPTOR A11							
<u>THS006890</u>	CHUCK POWER 15" TYPE V-215R ADAPTOR A8							
<u>THS006891</u>	CHUCK POWER 24" TYPE V-224R ADAPTOR A11							
<u>THS006892</u>	CHUCK POWER 21" TYPE V-221R ADAPTOR A15							
<u>THS006893</u>	CHUCK POWER 21" TYPE V-221R ADAPTOR A11							
<u>THS006894</u>	CHUCK POWER 15" TYPE V-215R ADAPTOR A15							
<u>THS006895</u>	CHUCK POWER 18" TYPE V-218R ADAPTOR A8							

<u>THS006896</u>	CHUCK POWER 18" TYPE V-218R ADAPTOR A11							
<u>THS006900</u>	CHUCK POWER 15" TYPE V-215R ADAPTOR A11							
<u>THS006904</u>	CHUCK POWER 12" TYPE V-212R ADAPTOR A8							
<u>THS006905</u>	CHUCK POWER 12" TYPE V-212R ADAPTOR A15							
<u>THS006906</u>	CHUCK POWER 12" TYPE V-212R ADAPTOR A11							

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Power chuck OZ8213



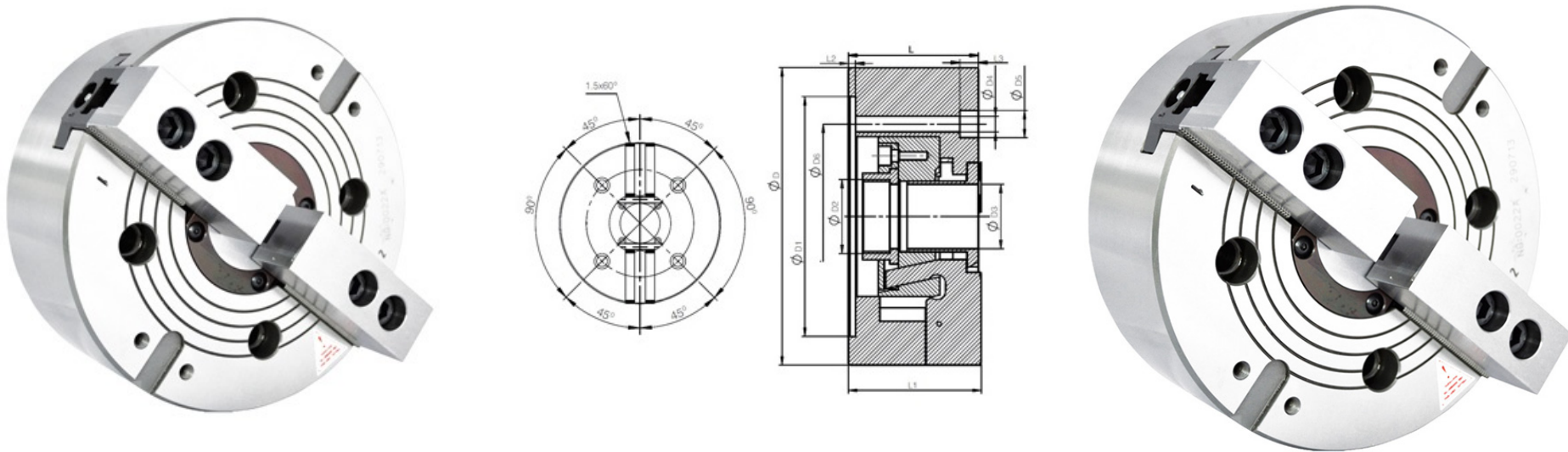
SKU	D	D1	D2	D3	D4	D5	D6	L	L1	L2	L3	L4
SKP037040	169	140	M60x2	52	12	17	104.80	81	83	5	12	32
SKP011554	210	170	M75x2	66	14	20	133.40	91	93	5	18	38
SKP011556	254	220	M90x2	81	18	26	171.40	100	102	5	18	41

Technical Specification							
SKU	Jaw Stroke	Max. Speed (R.P.M.)	Max. Pull Force	Max. Gripping Force	Plunger Stroke	Flange Type	Gripping Diameter with Hard Jaws Min. / Max.
SKP037040	5.5	6000	21 KN	58 KN	13	A5	12 / 169
SKP011554	7.3	5000	35 KN	86 KN	17	A6	12 / 210
SKP011556	8.5	4200	42 KN	109 KN	20	A8	28 / 254

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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Power chuck OZ102



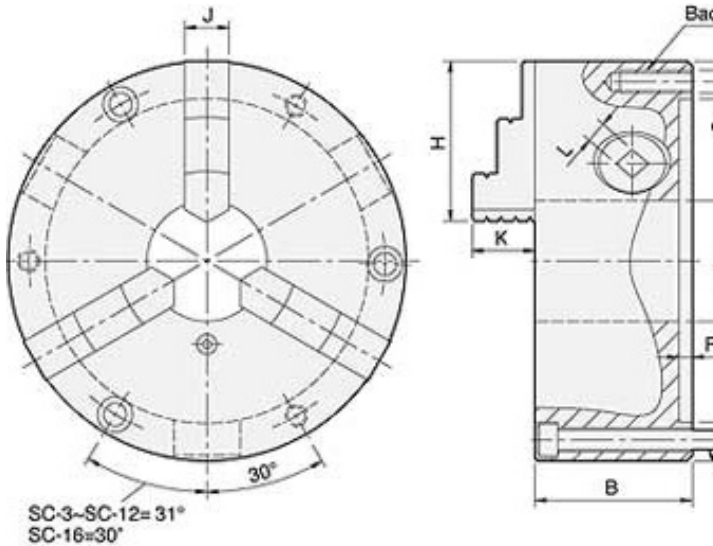
SKU	D	D1	D2	D3	D4	D5	D6	L	L1	L2	L3	L4
<u>OZ602</u>	169	140	M55x2	45	12	17	104.80	81	83	5	12	32
<u>SKP037042</u>	210	170	M60x2	52	14	20	133.40	91	93	5	18	38
<u>SKP011526</u>	254	220	M85x2	75	18	26	171.40	100	102	5	18	41
<u>SKP011527</u>	305	220	M100x2	85	18	26	171.40	110	112	6	18	51

Technical Specification							
SKU	Jaw Stroke	Max. Speed (R.P.M.)	Max. Pull Force	Max. Gripping Force	Plunger Stroke	Flange Type	Gripping Diameter with Hard Jaws Min. / Max.
<u>OZ602</u>	5.5	6000	15 KN	38 KN	13	A5	12 / 169
<u>SKP037042</u>	7.3	5000	23 KN	57 KN	17	A6	12 / 210
<u>SKP011526</u>	8.5	4200	25 KN	74 KN	20	A8	28 / 254
<u>SKP011527</u>	8.5	3300	37 KN	96 KN	20	A8	32 / 305

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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SCROLL CHUCK MANUAL 3 JAW SC-05



SKU	A	B	C	D	E	F	G		H	J	K	L	Allowable Handle Torque (kgf/m)	Gripping Force (kgf)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Gripping Range	
							Back	Front										O.D. Diameter (mm)	I.D. Diameter (mm)
THS005749	86	46	60	73	16	4.1	3-M6	3-M6x50	36	11	14.3	7	3.0	900	2500	1.7	-	Ø2 - Ø70	Ø24 - Ø6
THS005748	112	60	80	95	24	4.8	3-M8	3-M8x70	42	14	16.6	8	4.5	1200	2500	3.7	-	Ø3 - Ø95	Ø29 - Ø84
THS005747	132	60	100	115	32	4.8	3-M8	3-M8x70	50	16	20.3	8	6.5	1500	2500	5.2	0.01	Ø3 - Ø110	Ø33 - Ø100
THS005760	167	67	130	147	45	5.5	3-M10	3-M10x70	63	19	23.7	10	9.0	2200	2000	9.3	0.03	Ø4 - Ø160	Ø48 - Ø150
THS005759	192	76.5	155	172	58	5.5	3-M10	3-M10x80	77	21.5	29.4	11	11.0	2500	2000	14.2	0.06	Ø4 - Ø180	Ø56 - Ø170
THS005758	200	76.5	160	176	58	5.5	3-M10	3-M10x80	77	21.5	29.4	11	11.0	2500	2000	16	0.07	Ø4 - Ø190	Ø62 - Ø180
THS005757	232	84	190	210	70	6	3-M12	3-M12x90	87	24	35.6	12	15.0	3000	2000	22.7	0.15	Ø5 - Ø220	Ø62 - Ø210
THS005756	273	87	230	250	89	8	3-M12	3-M12x90	98	28	39.5	12	19.5	4000	1800	31.8	0.25	Ø6 - Ø260	Ø70 - Ø2
THS005755	310	96	260	285	105	7	3-M12	3-M12x110	110	30	45.6	14	21.0	4200	1800	44.8	0.58	Ø10 - Ø300	Ø86 - Ø290
THS005754	405	122	345	375	160	8.7	-	6-M14x130	146	42	56.3	15	25.0	4500	1500	102	1.75	Ø30 - Ø380	Ø110 - Ø360

Compatibility with Kitagawa Chucks	
THS005749	Kitagawa SC-3(F)
THS005748	Kitagawa SC-4(F)

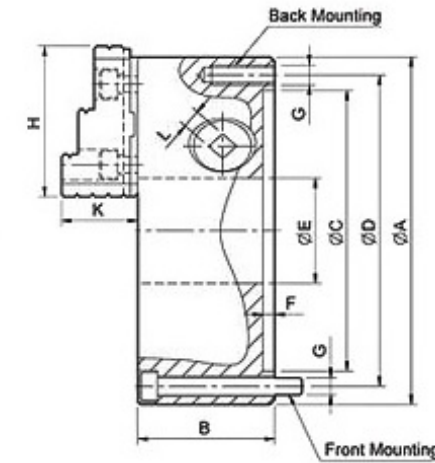
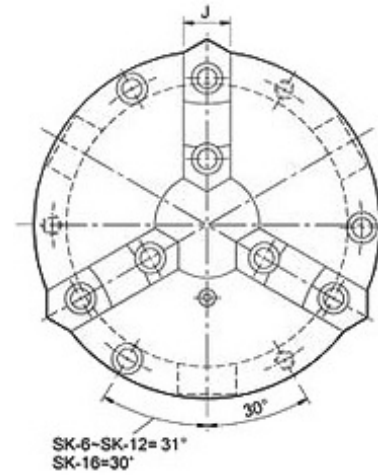
THS005747	Kitagawa SC-5(F)
THS005760	Kitagawa JN06
THS005759	Kitagawa JN07
THS005757	Kitagawa JN09
THS005756	Kitagawa JN10
THS005755	Kitagawa JN12
THS005754	Kitagawa SC-16

Updated 2021.05.12

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS005747	SCROLL CHUCK MANUAL 3 JAW SC-05							
THS005748	SCROLL CHUCK MANUAL 3 JAW SC-04							
THS005749	SCROLL CHUCK MANUAL 3 JAW SC-03							
THS005754	SCROLL CHUCK MANUAL 3 JAW SC-16							
THS005755	SCROLL CHUCK MANUAL 3 JAW SC-12							
THS005756	SCROLL CHUCK MANUAL 3 JAW SC-10							
THS005757	SCROLL CHUCK MANUAL 3 JAW SC-09							
THS005758	SCROLL CHUCK MANUAL 3 JAW SC-08							
THS005759	SCROLL CHUCK MANUAL 3 JAW SC-07							
THS005760	SCROLL CHUCK MANUAL 3 JAW SC-06							

Updated 202302

Scroll Chuck Jaw Chuck SK-09



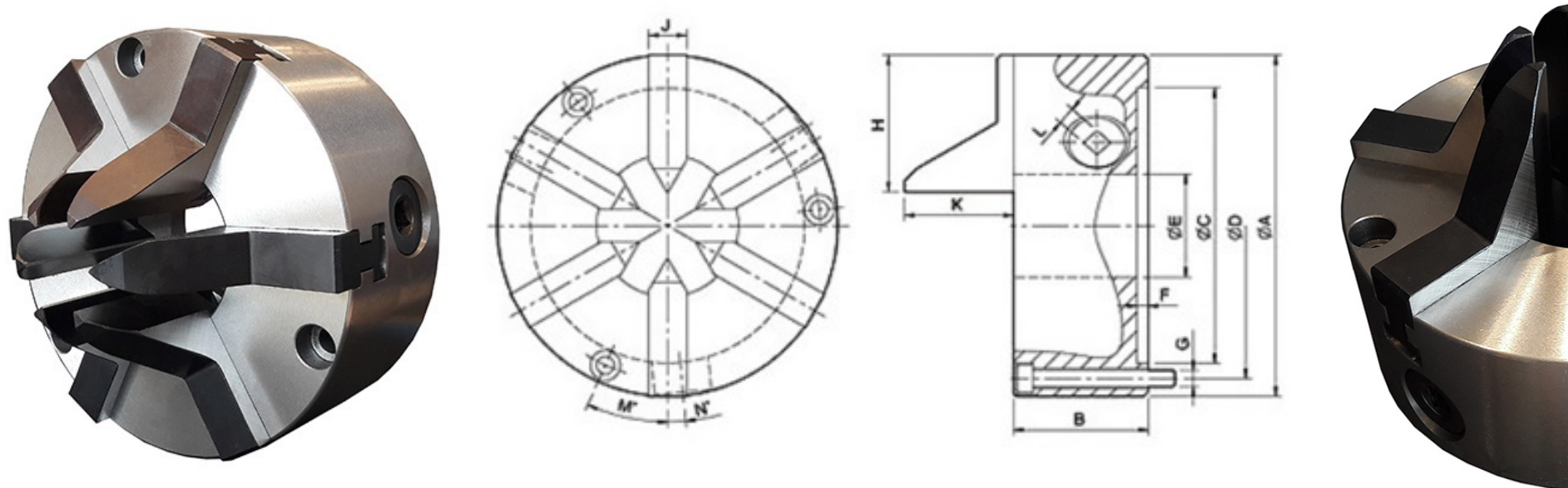
SKU	A	B	C	D	E	F	G		H	J	K	L	Allowable Handle Torque (kgf/m)	Gripping Force (kgf)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Gripping Range	
							Back	Front										O.D. (mm)	I.D. (mm)
SKP063951	112	58	80	95	32	4.8	-	3-M8x65	47	19	31.6	8	4.5	1200	2500	3.8	-	Ø3 - Ø95	Ø29 - Ø84
SKP002532	167	67	130	147	45	5.5	3-M10	3-M10x70	72	26	40.2	10	9.0	2200	2000	9	0.03	Ø4 - Ø160	Ø55 - Ø155
SKP002944	192	76.5	155	172	58	5.5	3-M10	3-M10x80	81.2	28	42	11	11.0	2500	2000	13.8	0.06	Ø8 - Ø180	Ø62 - Ø170
SKP008057	200	76.5	160	176	58	5.5	3-M10	3-M10x80	82	28	42	11	11.0	2500	2000	15.5	0.07	Ø8 - Ø190	Ø68 - Ø180
SKP002732	232	84	190	210	70	6	3-M12	3-M12x90	90.9	32	51.2	12	15.0	3000	2000	22	0.16	Ø11 - Ø220	Ø70 - Ø210
SKP002851	273	87	230	250	89	8	3-M12	3-M12x90	100.5	35	56.7	12	19.5	4000	1800	29.7	0.26	Ø12 - Ø260	Ø80 - Ø250
SKP002860	310	96	260	285	105	7	3-M12	3-M12x110	114.5	40	56.8	14	21.0	4200	1800	43.5	0.58	Ø15 - Ø300	Ø90 - Ø290
SKP002875	405	122	345	375	160	8.7	-	6-M14x130	148.6	50	76.1	15	25.0	4500	1500	98	1.72	Ø30 - Ø380	Ø110 - Ø360

Compatibility with Kitagawa Chucks	
SKP002532	Kitagawa JN06T
SKP002944	Kitagawa JN07T
SKP002732	Kitagawa JN09T
SKP002851	Kitagawa JN10T
SKP002860	Kitagawa JN12T

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013809	SCROLL CHUCK MANUAL 3 JAW SK-06							

Updated 202302

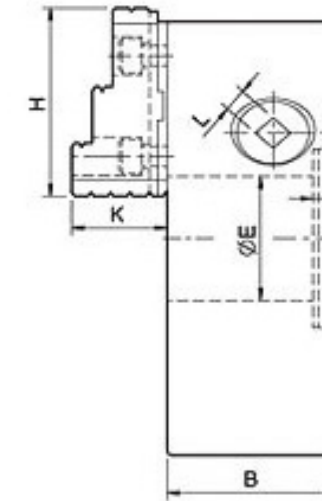
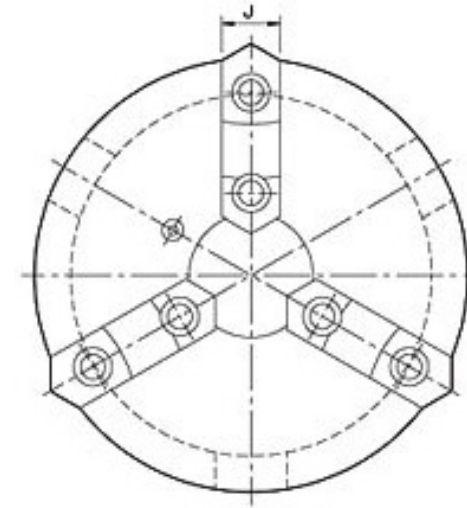
JAW CHUCK SE-07 6 JAWS



SKU	A	B	C	D	E	F	G	H	J	K	L	M	N	Allowable Handle Torque (kgf/m)	Gripping Force (kgf)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Gripping Range	
																			O.D. Diameter (mm)	I.D. Diameter (mm)
SE-4	112	66	80	95	32	4.8	3-M8	45	14	39.7	8	30	6.5	1.6	440	1200	4	-	Ø2 - Ø32	
SE-6	165	67	130	147	51	5.5	3-M8	66.5	19	40.7	10	23.3	6.2	2.8	660	1200	9	0.03	Ø3 - Ø51	
SE-7	192	76.5	155	172	80	5.5	3-M10	77	21.5	61.5	11	24	5.3	3.6	850	1000	14	0.06	Ø3 - Ø81	

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013701	JAW CHUCK SE-07 6 JAWS							
THS013702	JAW CHUCK SE-04							
THS013703	JAW CHUCK SE-06							

CHUCK SCROLL TYPE 3 JAWS (12)" FOR D1-4-6 SPINDLE



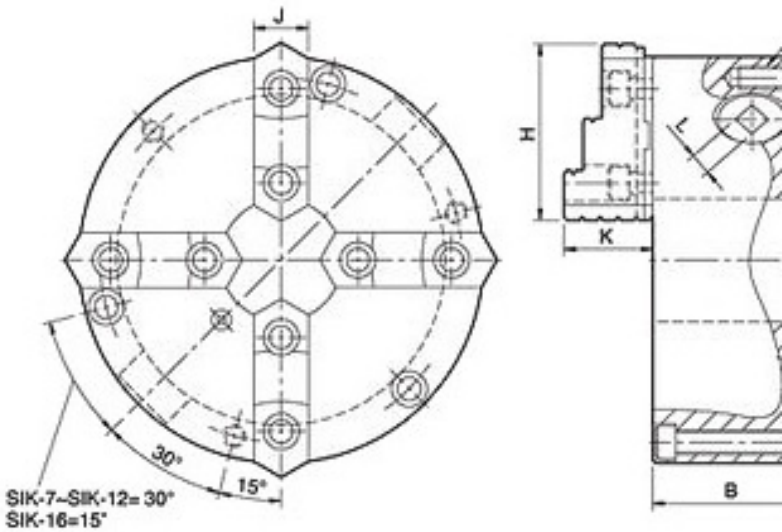
SKU	Spindle Size	A	B	E	H	J	K	L	Mounting Dimensions				Allowable Handle Torque (kgf/m)	Gripping Force (kgf)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Gripping Range	
									F1	F2	F3	F4						O.D. Diameter (mm)	I.D. Diameter (mm)
SKP063953	D1-4-6	165	72	46	72	26	39	9.0	63.513	13	15.8	82.55	9.0	2200	2000	11	0.04	Ø8 - Ø160	Ø55 - Ø150
SKP063954	D1-4-8	200	77.2	53	82	28	42.2	11.5	63.513	13	15.8	82.55	11.5	2500	2000	18.5	0.07	Ø8 - Ø180	Ø62 - Ø170
SKP008091	D1-5-8	200	77.2	55	82	28	42.2	11.5	82.563	16	19	104.78	11.5	2500	2000	18	0.07	Ø8 - Ø180	Ø62 - Ø170
SKP002852	D1-6-8	200	77.2	58	82	28	42.2	11.5	106.375	17	22.2	133.35	11.5	2500	2000	17	0.07	Ø8 - Ø180	Ø62 - Ø170
SKP002920	D1-6-10	250	86	76	90.9	32	50.8	19.5	106.375	17	22.2	133.35	19.5	4000	1800	29.5	0.2	Ø11 - Ø220	Ø70 - Ø210
SKP002529	D1-6-12	306	107.5	103	114.5	40	57.8	21.0	106.375	13.5	22.2	133.35	21.0	4200	1800	47	0.5	Ø15 - Ø300	Ø90 - Ø290
SKP002533	D1-8-10	250	86	80	90.9	32	50.8	19.5	139.719	19	25.4	171.45	19.5	4000	1800	27	0.2	Ø11 - Ø220	Ø70 - Ø210
SKP002530	D1-8-12	306	107.5	103	114.5	40	57.8	21.0	139.719	19	25.4	171.45	21.0	4200	1800	47	0.5	Ø15 - Ø300	Ø90 - Ø290

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013939	CHUCK SCROLL TYPE 3 JAWS (12)" FOR D1-4-6 SPINDLE							
THS015498	CHUCK SCROLL TYPE 3 JAWS (6)" FOR D1-4-6 SPINDLE							

THS015499	CHUCK SCROLL TYPE 3 JAWS (8)" FOR D1-4-8 SPINDLE							
THS015500	CHUCK SCROLL TYPE 3 JAWS (10)" FOR D1-5-10 SPINDLE							
THS015501	CHUCK SCROLL TYPE 3 JAWS (8)" FOR D1-5-8 SPINDLE							
THS015502	CHUCK SCROLL TYPE 3 JAWS (10)" FOR D1-6-10 SPINDLE							
THS015503	CHUCK SCROLL TYPE 3 JAWS (8)" FOR D1-6-8 SPINDLE							
THS015504	CHUCK SCROLL TYPE 3 JAWS (10)" FOR D1-8-10 SPINDLE							
THS015505	CHUCK SCROLL TYPE 3 JAWS (12)" FOR D1-8-12 SPINDLE							

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Scroll Chuck Jaw Chuck SIK-12

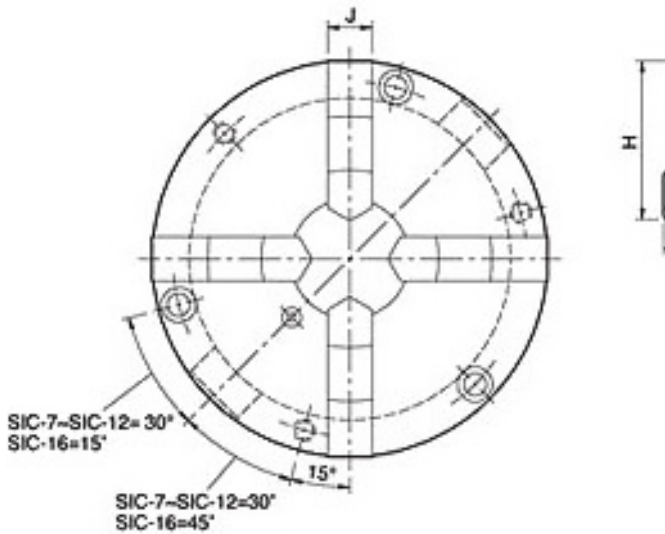


SKU	A	B	C	D	E	F	G		H	J	K	L	Allowable Handle Torque (kgf/m)	Gripping Force (kgf)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Gripping Range	
							Back	Front										O.D. Diameter (mm)	I.D. Diameter (mm)
SKP002528	192	76.5	155	172	58	5.5	3-M10	3-M10x80	82	28	42	11	11.0	2500	2000	14.1	0.06	Ø8 - Ø180	Ø62 - Ø170
SKP002512	232	84	190	210	70	6	3-M12	3-M12x90	96	32	51.2	12	15.0	3000	2000	22.2	0.16	Ø11 - Ø220	Ø70 - Ø210
SKP002241	310	96	260	285	105	7	3-M12	3-M12x110	114.5	40	56.8	14	21.0	4200	1800	45	0.58	Ø15 - Ø300	Ø90 - Ø290
SKP063956	405	122	345	375	160	8.7	-	6-M14x130	148.6	50	76.1	15	25.0	4500	1500	108	1.72	Ø30 - Ø380	Ø110 - Ø360

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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Scroll Chuck Jaw Chuck SIC-09

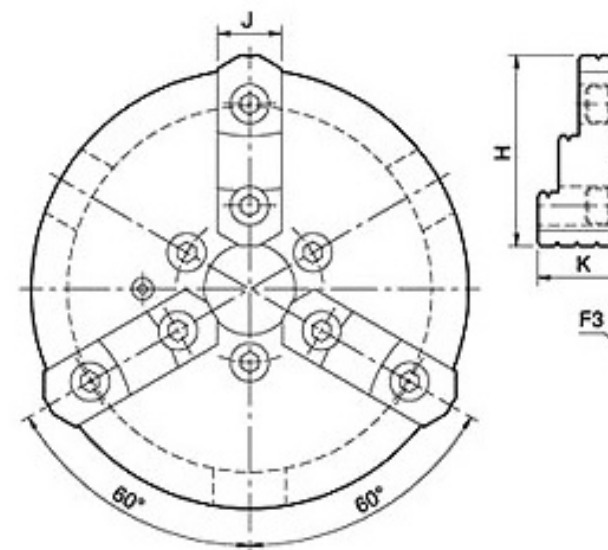


SKU	A	B	C	D	E	F	G		H	J	K	L	Allowable Handle Torque (kgf/m)	Gripping Force (kgf)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Gripping Range	
							Back	Front										O.D. Diameter (mm)	I.D. Diameter (mm)
SKP002528	192	76.5	155	172	58	5.5	3-M10	3-M10x8	77	21.5	29.4	11	11.0	2500	2000	14.8	0.06	Ø4 - Ø180	Ø56 - Ø170
SKP002512	232	84	190	210	70	6	3-M12	3-M12x90	87	24	35.6	12	15.0	3000	2000	23.2	0.16	Ø5 - Ø220	Ø62 - Ø210
SKP002241	310	96	260	285	105	7	3-M12	3-M12x110	110	30	45.6	14	21.0	4200	1800	47	0.58	Ø10 - Ø300	Ø86 - Ø290
SKP063956	405	122	345	375	160	8.7	-	6-M14x130	146	42	56.3	15	25.0	4500	1500	107	1.75	Ø30 - Ø380	Ø110 - Ø360

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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Updated 202302

CHUCK SCROLL TYPE 3 JAWS (10)" FOR A1-5-10 SPINDLE



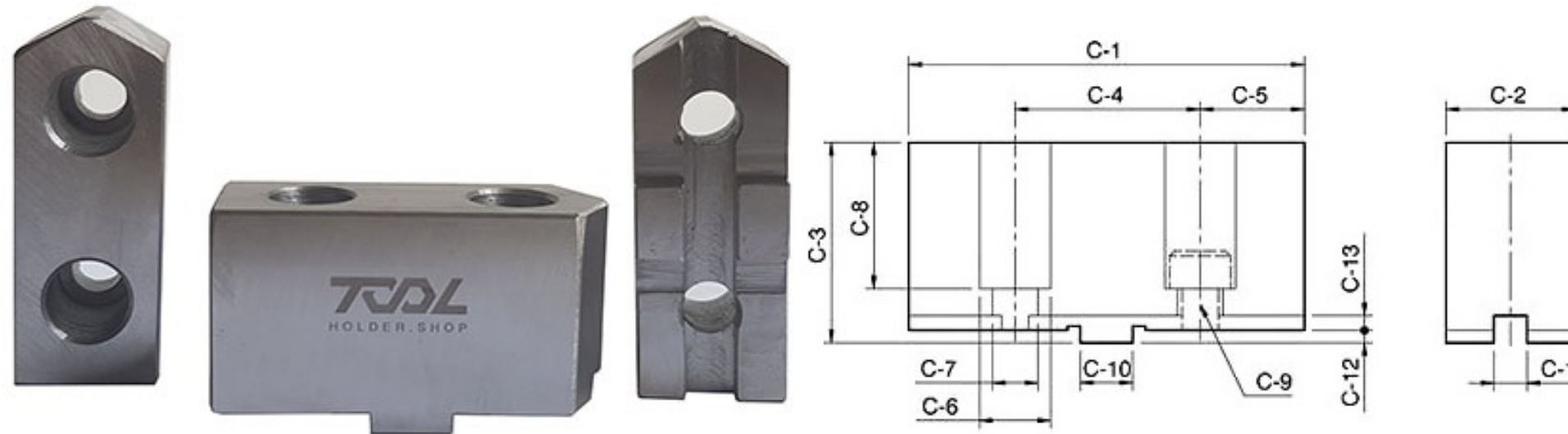
SKU	Spindle Size	A	B	E	H	J	K	L	Mounting Dimensions				Allowable Handle Torque (kgf/m)	Gripping Force (kgf)	Max. Speed (r.p.m.)	Weight (kg)	Moment of Inertia (kg/m ²)	Gripping Range	
									F1	F2	F3	F4						O.D. Diameter (mm)	I.D. Diameter (mm)
SKP002871	A1-5-8	200	77.2	40	81.2	28	42.2	11	82.563	14.288	3-M10	61.9	11.0	2500	2000	18	0.07	Ø8 - Ø180	Ø62 - Ø170
SKP002716	A1-6-8	200	77.2	53	81.2	28	42.2	11	106.375	15.875	3-M12	82.6	11.0	2500	2000	18	0.07	Ø8 - Ø180	Ø62 - Ø170
SKP002924	A1-6-10	250	86	53	90.9	32	50.8	12	106.375	15.875	3-M12	82.6	19.0	4000	1800	29.5	0.2	Ø11 - Ø220	Ø70 - Ø210
SKP002917	A1-6-12	306	107.5	53	114.5	40	57.8	14	106.375	15.875	3-M12	82.6	21.0	4200	1800	47	0.5	Ø15 - Ø300	Ø90 - Ø290
SKP063957	A1-8-12	306	107.5	77	114.5	40	57.8	14	139.719	17.462	6-M16	111.1	21.0	4200	1800	47	0.5	Ø15 - Ø300	Ø90 - Ø290

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS015474	CHUCK SCROLL TYPE 3 JAWS (10)" FOR A1-5-10 SPINDLE							
THS015475	CHUCK SCROLL TYPE 3 JAWS (8)" FOR A1-6-8 SPINDLE							
THS015488	CHUCK SCROLL TYPE 3 JAWS (10)" FOR A1-6-10 SPINDLE							
THS015489	CHUCK SCROLL TYPE 3 JAWS (12)" FOR A1-6-12 SPINDLE							

THS015495	CHUCK SCROLL TYPE 3 JAWS (12)" FOR A1-8-12 SPINDLE							
THS015496	CHUCK SCROLL TYPE 3 JAWS (8)" FOR A1-5-8 SPINDLE							

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Soft Jaws SKC-06

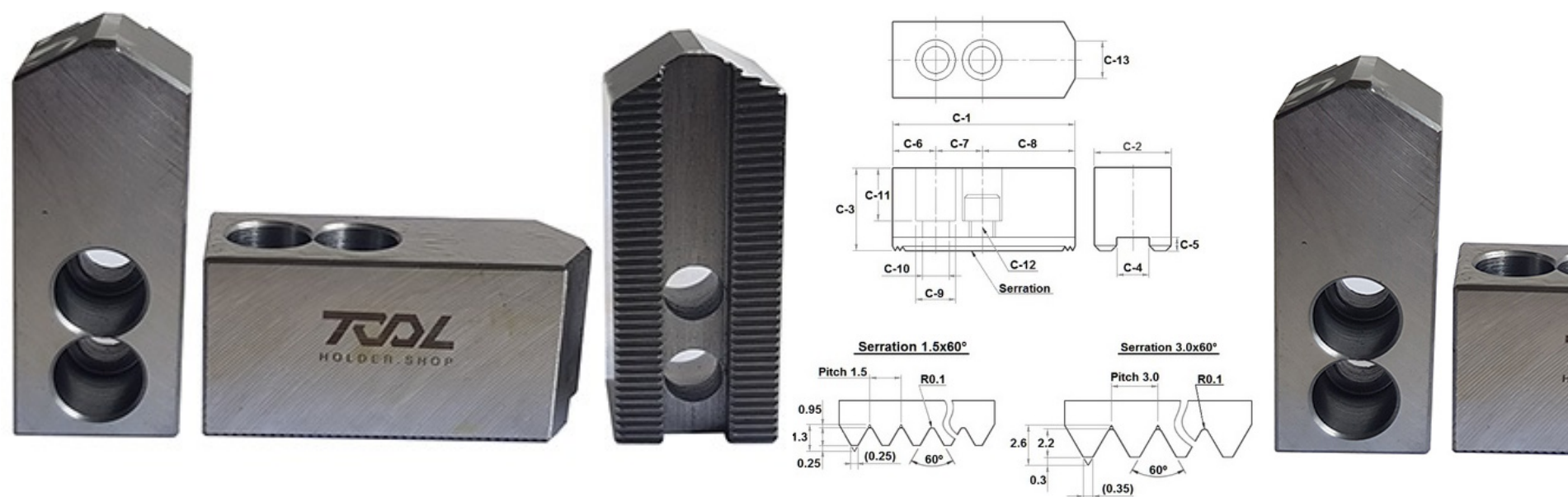


SKU	C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11	C-12	C-13	Matching Chucks	3 Jaw Weight (kg)
SKP036029	52	19	30	24	14	11	7	21	M6	9.53	7.94	2.5	3	SK-4	0.45
SKP010777	73	26	37	38	17.5	14	8.5	27	M8	12.68	7.94	3	3.5	SK-6, KD-6"	1.5
SKP010778	95	31	48	44.5	25.25	17	11	35	M10	12.68	7.94	3	3.5	SK-7, SK-8, KD-8", KA-8"	2.7
THS007357	110	37	48	54	28	19	13	34	M12	19.03	12.7	3	3.5	SK-9, SK-10, KD-10", KA-10"	3.7
SKP010782	125	40	54	63.5	30.75	19	13	40.5	M12	19.03	12.7	3	3.5	SK-12, KD-12", KA-12"	4.9
SKP036030	160	50	70	76.2	41.9	25	17	48	M16	19.03	12.7	6	3.5	SK-16	11
SKP036031	155	59	86	76.2	52.9	32	22	66	M20	19.03	12.7	6	4	HB4-2P	19.2 (4 pcs.)

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007357	SKC-09 SOFT TOP JAW SET OF 3							
THS013940	SOFT JAWS (12)" TYPE SKC							
THS016720	SOFT JAWS SKC-07 FOR 7" CHUCK							

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Soft Jaws HC-12-1

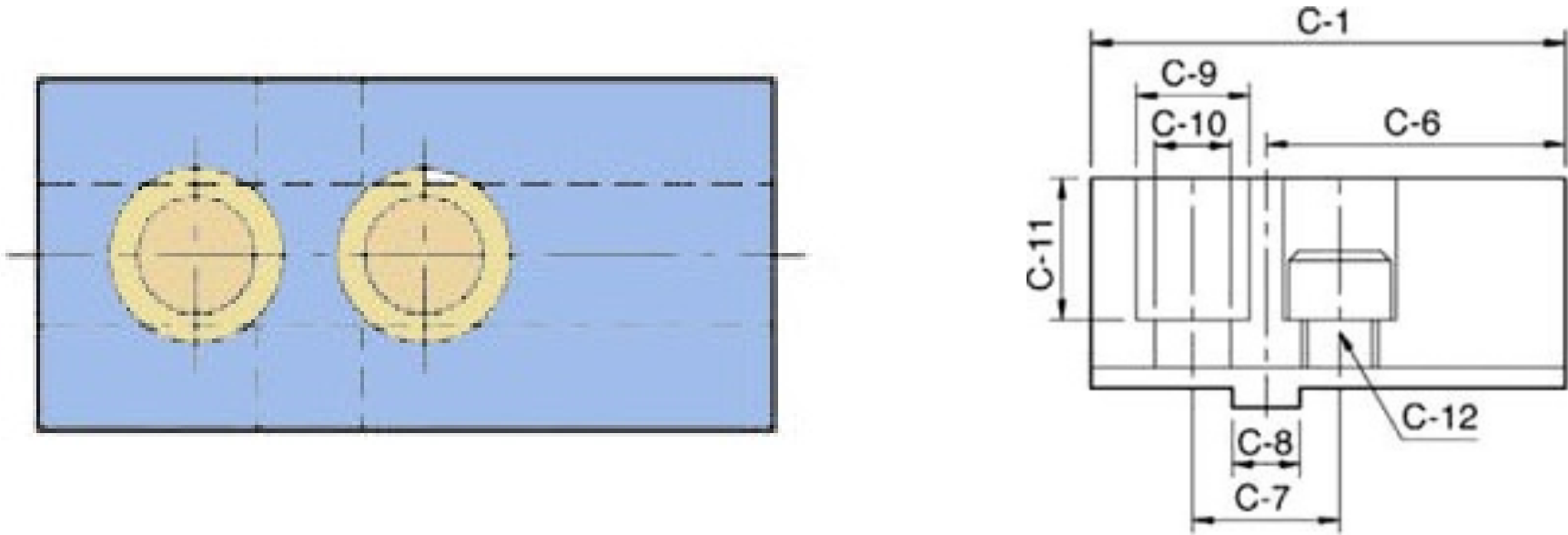


SKU	C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11	C-12	C-13	Serration Pitch	Matching Chuck
THS004655	53	23	23	10	5	9	14	30	14	9	14	M8	30	1.5x60°	N-204
THS004656	62	25	30	10	5	9	14	39	14	9	21	M8	5	1.5x60°	N-205
THS004649	73	31	36	12	5	15	20	38	17	11	21	M10	14	1.5x60°	N-206, NB-306, V-206
THS004650	95	35	37	14	5	24	25	46	19	13	22	M12	16	1.5x60°	N-208, NB-208, V-208
THS003306	95	35	100	14	5	25	25	45	19	13	50	M12	12	1.5x60°	N-208, NB-208, V-208
THS003321	110	40	42	16	5	30	30	50	19	13	27	M12	18	1.5x60°	N-210, NB-210, V-210
THS003312	110	40	100	16	5	30	30	50	19	13	50	M12	14	1.5x60°	N-210, NB-210, V-210
THS004652	130	50	50	21	5	39	30	61	25	17	33	M16	23	1.5x60°	N-212, NB-212
THS004653	165	62	62	22	8	37	43	85	32	21	38	M20	-	1.5x60°	N-215, N-218 NB-215, NB-218
SKP036032	95	35	37	12	5	24	20	51	17	11	21	M10	14	1.5x60°	NHT-208
SKP007857	130	50	50	18	5	39	30	61	23	15	30	M14	23	1.5x60°	V-212, V-212R
SKP007859	165	62	62	25.5	5	37	43	85	32	21	38	M20	-	1.5x60°	V-215, V-218 V-215R, V-218R
SKP671375	156	64	70	26	9	34	50	72	32	21	45	M20	-	3.0x60°	V-215 (P3.0), V-218 (P3.0)
SKP009507	180	64	70	25	9	40	60	80	32	21	45	M20	-	3.0x60°	N-220, N-224, V-221 V-224, V-221R, V-224R
SKP036033	210	74	90	25	9	40	80	90	32	21	65	M20	-	3.0x60°	V-232, N-232

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
<u>THS003306</u>	SOFT JAWS FOR CHUCK 08" L= 95 mm W= 35 mm H=100 mm SET OF 3							
<u>THS003312</u>	SOFT JAWS FOR CHUCK 10" L=110 mm W= 40 mm H=100 mm SET OF 3							
<u>THS003321</u>	SOFT JAWS FOR CHUCK 10" L=110 mm W= 40 mm H= 42 mm SET OF 3							
<u>THS004649</u>	SOFT JAWS FOR CHUCK 06" L= 73 mm W= 31 mm H= 36 mm SET OF 3							
<u>THS004650</u>	SOFT JAWS FOR CHUCK 08" L= 95 mm W= 35 mm H= 37 mm SET OF 3							
<u>THS004652</u>	SOFT JAWS FOR CHUCK 12" L=130 mm W= 50 mm H=50 mm SET OF 3							
<u>THS004653</u>	SOFT JAWS FOR CHUCK 15" L=165 mm W= 62 mm H=62 mm SET OF 3							
<u>THS004655</u>	SOFT JAWS FOR CHUCK 04" SERRATION 1.5x60 SET OF 3							
<u>THS004656</u>	SOFT JAWS FOR CHUCK 05" L= 62 mm W= 25 mm H= 30 mm SET OF 3							
<u>THS013600</u>	SOFT JAWS FOR CHUCK 04" L= 62 mm W= 25 mm H= 30 mm SET OF 3							

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Soft Jaws DR-08HC



SKU	C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11	C-12	C-13	Matching Chucks	3 Jaw Weight (kg)
SKP036035	84	40	44.5	16	7	53	26	12	20	13.5	29	M12	3.5	DR-08	2.7

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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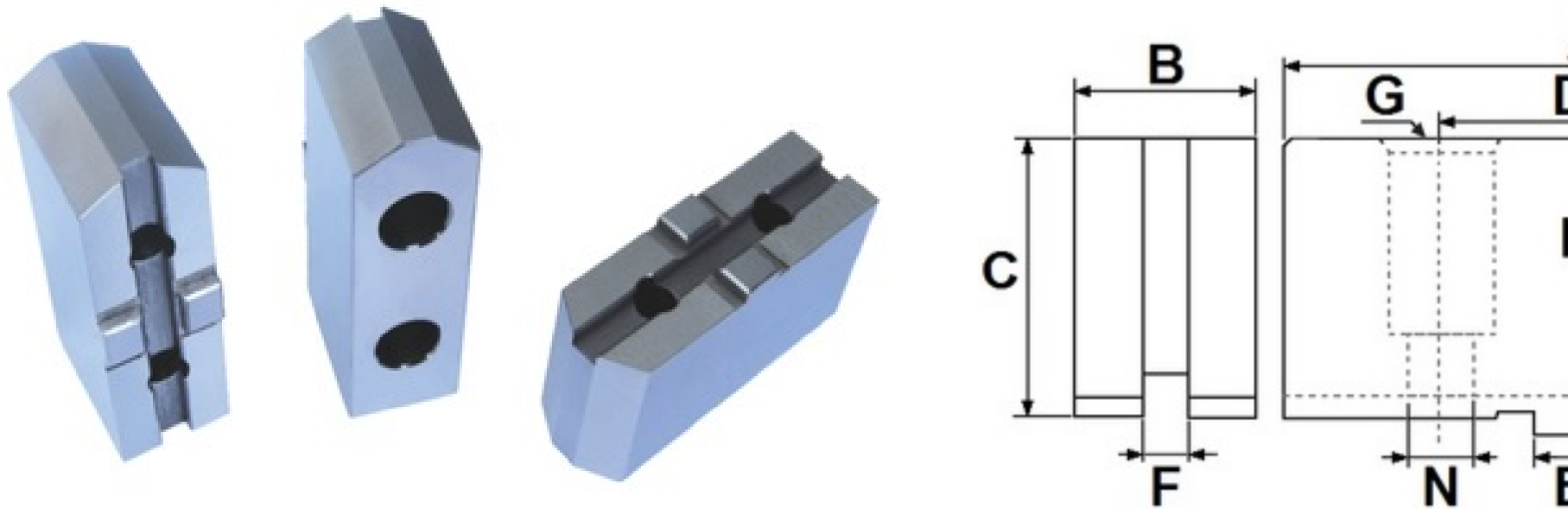
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SOFT JAWS SBJM 200 METRIC SERRATION 1.5x60 SET OF 3

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS001653	SOFT JAWS SBJM 200 METRIC SERRATION 1.5x60 SET OF 3							

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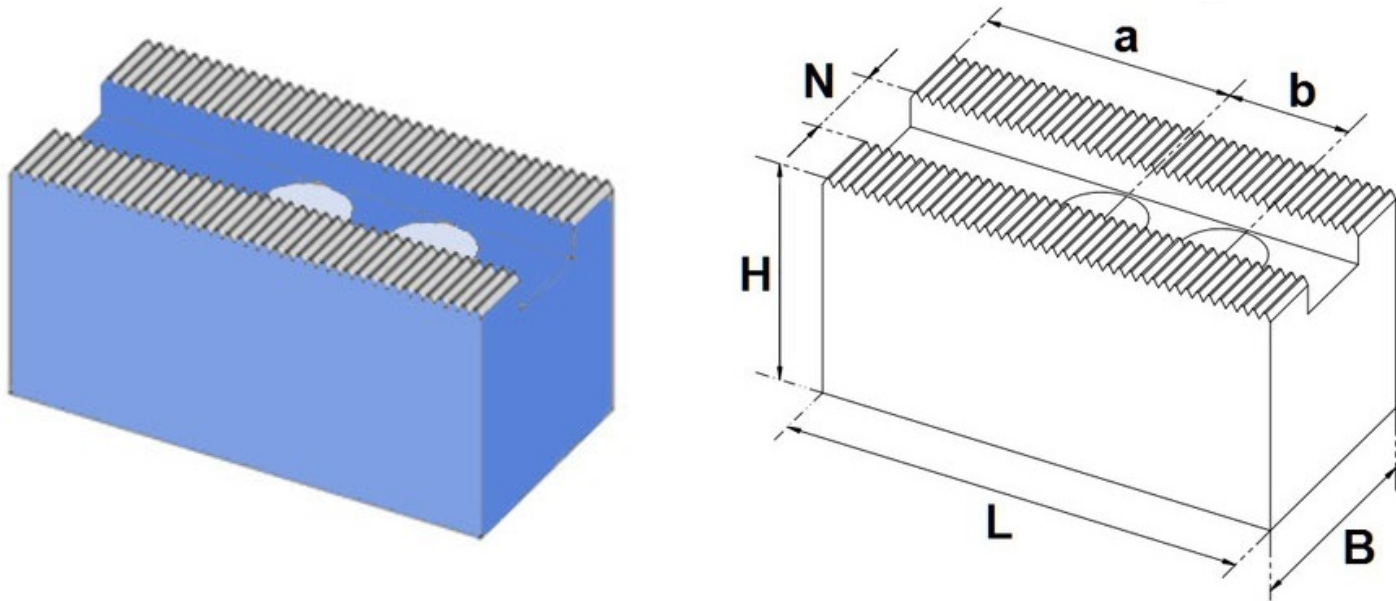
SOFT JAWS FOR 4" SCROLL CHUCK SMW KITAGAWA HOWA AUTO-STRONG TONFOU CHANDOX AUTOGRIP



SKU	A	B	C	D	E	F	G Screw	H	J	K	L	M	N
THS013595	52	19	30	24	9.53	7.94	M6x1.0P	14	11	3	2.5	21	7
THS013596	62	24	35	32	12.68	7.94	M8x1.25P	15	14	3.5	3	24	9
THS013597	73	26	37	38.1	12.68	7.94	M8x1.25P	17	14	3.5	3	25	9

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS013595	SOFT JAWS FOR 4" SCROLL CHUCK SMW KITAGAWA HOWA AUTO-STRONG TONFOU CHANDOX AUTOGRIP							
THS013596	SOFT JAWS FOR 5" SCROLL CHUCK SMW KITAGAWA HOWA AUTO-STRONG TONFOU CHANDOX AUTOGRIP							
THS013597	SOFT JAWS FOR 6" SCROLL CHUCK SMW KITAGAWA HOWA AUTO-STRONG TONFOU CHANDOX AUTOGRIP							

SOFT JAWS SERRATION (1/16")x90 L= 90 H= 40 mm SET OF 3 FOR SMW CHUCK

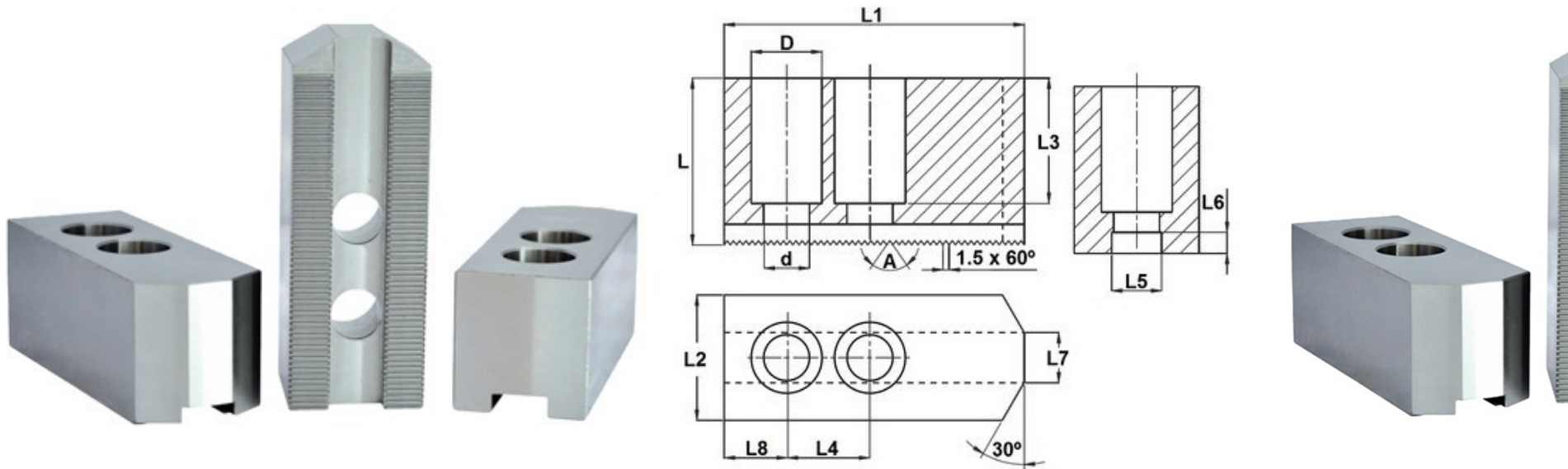


SKU	B mm	H mm	L mm	N mm	a mm	b mm	Serration Pitch
THS007213	35	40	90	17	47	23	1/16" x 90°

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
THS007213	SOFT JAWS SERRATION (1/16")x90 L= 90 H= 40 mm SET OF 3 FOR SMW CHUCK							

Updated 202302

Soft Jaws YU 060



SKU	Chuck diameter	Serration	L	L1	L2	L3	L4	L5	L6	L7	L8	D	d
SKP037044	4"	1.5 x 60°	23	52	23	13	14	10	4	5	10	14	9
SKP037045	5"	1.5 x 60°	25	62	25	21	14	10	4	5	10	14	9
SKP011561	6"	1.5 x 60°	32	72	30	22	20	12	5	10	15	17	11
SKP011562	8"	1.5 x 60°	37	95	35	22	25	14	5	12	25	19	13
YU 100	10"	1.5 x 60°	42	110	40	29	30	16	5	14	30	19	13
SKP011563	12"	1.5 x 60°	52	130	50	32	30	18	5	16	30	23	15
SKP011565	12"	1.5 x 60°	52	130	50	32	30	21	5	16	30	25	17
SKP011564	15"	1.5 x 60°	60	165	60	40	43	22	8	20	37	32	21

SKU	Interface	Direction	Capacity	Projection	Rotation	Hand	Coolant	Offset
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Updated 202302



TOOL HOLDER SHOP INC

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