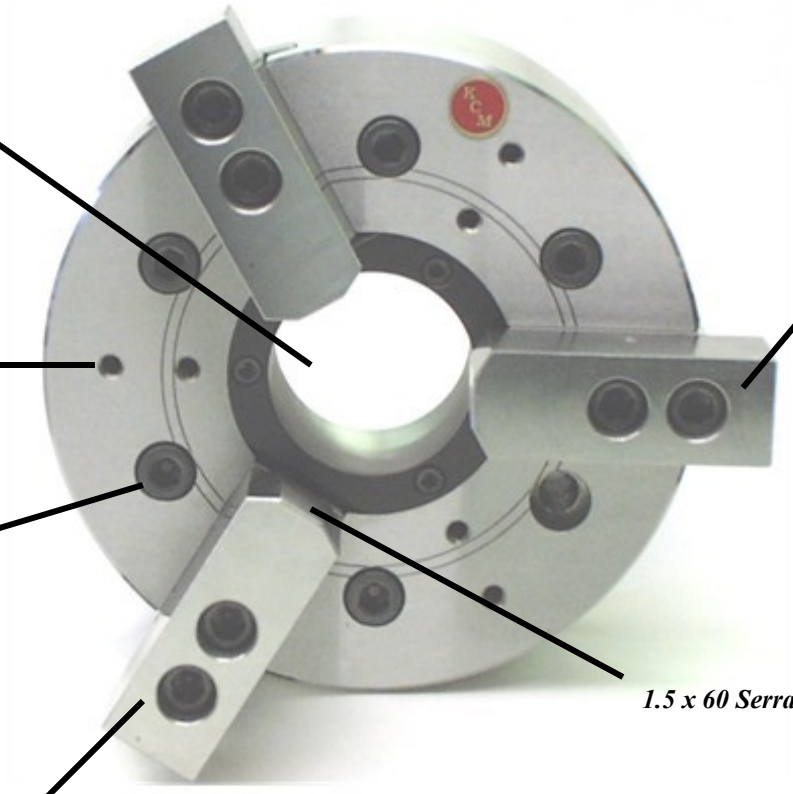
KCM

MADE IN USA

The Ultimate KCM Power Chuck



TOP PERFORMANCE

Excellent repeatability

HIGH QUALITY

Precision machined

GREAT VALUE

Competitive price

The new KCM standard power chuck is a direct replacement for all name brand power chucks, 100% U.S. Manufactured! Call KCM for replacement information.

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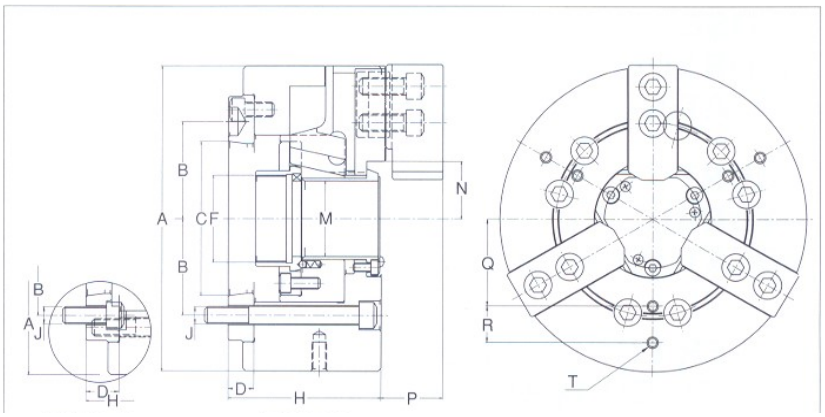
3-Jaw Thru-Hole Power Chucks



This is a Wedge Style Power Chuck that will provide the Workpiece tolerance you demand for your turning center.

- ►1.5 x 60 Serrations
- ►Large Thru-hole
- ►Direct Mount
- ►Hi-Speed

Specification/Model	KCA5-6-46-3	KCA6-8-52-3	KCA6-10-75-3	KCA8-10-75-3	KCA8-12-85-3	KCA8-15-120-3	KCA11-15-120-3	KCA11-18-120-3
Thru-hole	1.81	2.04	2.95	2.95	3.34	4.72	4.72	4.72
Stroke of Jaws (on Dia.)	0.22	0.29	0.35	0.35	0.35	0.44	0.44	0.44
Stroke of Piston	0.51	0.66	0.78	0.78	0.78	0.98	0.98	0.98
Chucking Diameter								
Max .	5.84	7.44	9.00	9.00	10.80	13.50	13.50	16.19
Min .	0.47	0.82	1.04	1.04	1.96	2.95	2.95	2.95
Gripping Force (lb)	10,560	17,600	24,200	24,200	30,800	39,600	39,600	39,600
Max Draw Pull (lb)	4,950	6,000	9,600	9,600	11,200	15,400	15,400	15,400
Max RPM	6,000	5,000	4,000	4,000	3,200	2,500	2,500	2,000
Weight (lb)	29	52	85	85	154	290	274	397

Size/Model	KCA5-6-46-3	KCA6-8-52-3	KCA6-10-75-3	KCA8-10-75-3	KCA8-12-85-3	KCA8-15-120-3	KCA11-15-120-3	KCA11-18-120-3
A	6.50	8.25	10	10	12	15	15	18
B	2.06	2.62	2.62	3.37	3.37	3.37	4.62	4.62
C	A5	A6	A6	A8	A8	A8	A11	A11
D	0.86	0.68	1.20	0.98	1.18	2.36	1.37	1.37
F	M55xP1.5	M60xP1.5	M85xP2.0	M85xP2.0	M93xP2.0	M130xP2.0	M130xP2.0	M130xP2.0
H	3.54	4.09	5.05	4.84	5.31	7.48	6.49	6.49
J	6-M10	6-M12	6-M16	6-M16	6-M16	6-M20	6-M20	6-M20
M	1.81	2.04	2.95	2.95	3.34	4.72	4.72	4.72
N								
Max .	1.27	1.55	2.04	2.04	2.36	3.12	3.12	3.12
Min .	1.16	1.40	1.87	1.87	2.18	2.90	2.90	2.90
P	1.25	1.65	1.73	1.73	2.12	2.55	2.55	2.55
Q	1.77	2.36	3.14	3.14	3.34	3.93	3.93	4.72
R	0.98	0.98	1.18	1.18	1.77	2.36	2.36	2.95
T	6-M8deep12	6-M8deep15	6-M12deep18	6-M12deep18	6-M16deep20	6-M16deep25	6-M16deep25	6-M16deep25

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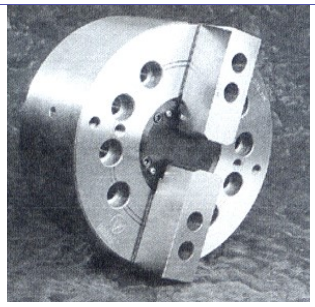
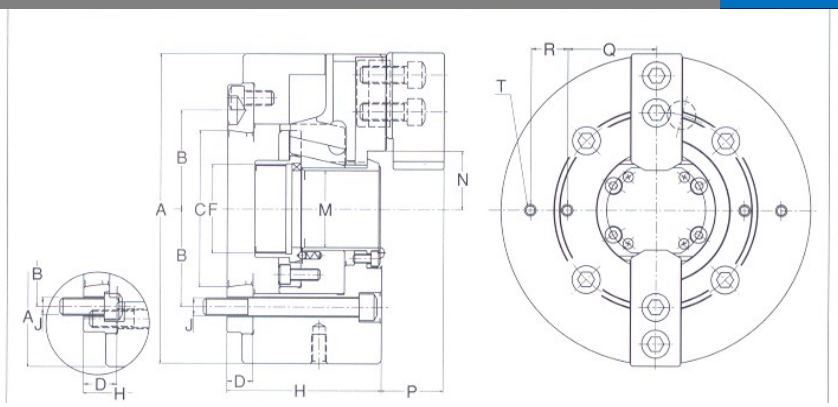
2-Jaw Wedge Type Power Chuck





This is a Wedge Style Power Chuck that will provide the Workpiece tolerance you demand for your turning center.

- ►1.5 x 60 Serrations
- ►Large Thru-hole
- ►Direct Mount
- ►Hi-Speed

Specification/Model	KCA5-6-46-2	KCA6-8-52-2	KCA6-10-75-2	KC8-10-75-2	KCA8-12-85-2	KCA8-15-120B	KCA11-15-120-2	KCA11-18-120-2
Thru-hole	1.81	2.04	2.95	2.95	3.34	4.72	4.72	4.72
Stroke of Jaws (on Dia.)	0.22	0.29	0.35	0.35	0.35	0.44	0.44	0.44
Stroke of Piston	0.51	0.66	0.78	0.78	0.78	0.98	0.98	0.98
Chucking Diameter								
Max .	5.84	7.44	9.00	9.00	10.80	13.50	13.50	16.19
Min .	0.47	0.82	1.04	1.04	1.96	2.95	2.95	3.66
Gripping Force (lb)	7,050	11,750	16,100	16,100	20,500	26,450	26,450	26,450
Max Draw Pull (lb)	3,300	4,025	6,400	6,400	7,500	10,300	10,300	10,300
Max RPM	6,000	5,000	4,000	4,000	3,200	2,500	2,500	2,000
Weight (lb)	29	52	85	85	154	290	274	397

Size/Model	KCA5-6-46-2	KCA6-8-52-2	KCA6-10-75-2	KC8-10-75-2	KCA8-12-85-2	KCA8-15-120B	KCA11-15-120-2	KCA11-18-120-2
A	6.50	8.25	10.00	10.00	12.00	15.00	15.00	18.00
B	2.06	2.62	2.62	3.37	3.37	3.37	4.62	4.62
C	A5	A6	A6	A8	A8	A8	A11	A11
D	0.86	0.68	1.20	0.98	1.18	2.36	1.37	1.37
F	M55xP1.5	M60xP1.5	M85xP2.0	M85xP2.0	M93xP2.0	M130xP2.0	M130xP2.0	M130xP2.0
H	3.54	4.09	5.05	4.84	5.31	7.48	6.49	6.49
J	4-M10	4-M12	6-M16	8-M16	6-M16	6-M20	8-M20	8-M20
M	1.81	2.04	2.95	2.95	3.34	4.72	4.72	4.72
N								
Max .	1.27	1.55	2.04	2.04	2.36	3.12	3.12	3.12
Min .	1.16	1.40	1.87	1.87	2.18	2.90	2.90	2.90
P	1.25	1.65	1.73	1.73	2.12	2.55	2.55	2.55
Q	1.77	2.36	3.14	3.14	3.34	3.93	3.93	4.72
R	0.98	0.98	1.18	1.18	1.77	2.36	2.36	2.95
T	4-M8deep12	4-M8deep15	4-M12deep18	4-M12deep18	6-M16deep20	4-M16deep25	4-M16deep25	4-M16deep25

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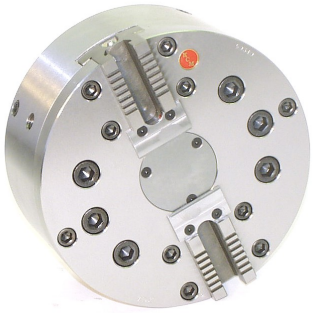
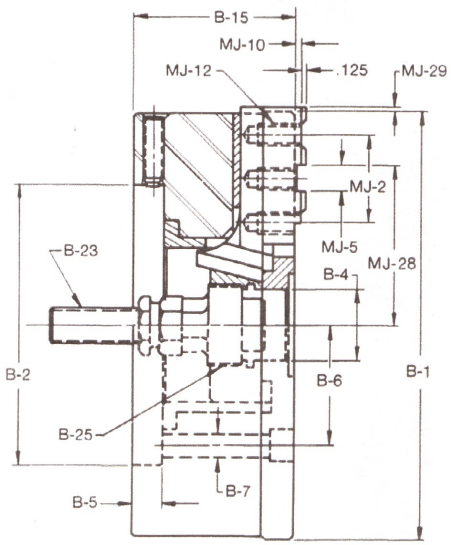
2 or 3 Jaw Power Chucks Non-Thru-Hole Wedge Type



- Steel Body
- Manufactured in USA
- 6” to 24” diameters
- 0.001 Repeatability is guaranteed on duplicate parts
- Wide selection of Master Jaw configurations
- Superior gripping
- Mounting Plate required-Standard mounting plate included in price of chuck
- Available with Tongue & Groove, Square Serrated,

Principal Dimensions

B-1 (Dia)	B-2	B-4	B-5	B-6	B-7	B-15	Jaw Travel
6.50	4.780	1.000	0.625	2.063	0.469	3.250	0.250
8.25	6.155	1.500	0.656	2.625	0.531	3.859	0.312
10.00	7.905	2.000	0.875	3.375	0.688	4.469	0.375
12.00	7.905	2.000	0.875	3.375	0.688	4.469	0.375
15.00	11.779	3.187	0.938	4.625	0.781	5.156	0.375
18.00	11.779	3.187	0.938	4.625	0.781	5.156	0.375
21.00	16.031	3.750	1.188	6.500	0.938	6.500	0.500
24.00	16.031	3.750	1.188	6.500	0.938	6.500	0.500



Restoring this chuck to original accuracy can be done by replacing hardened wear plates in jaw slots. Call factory for more information.

2-Jaw Steel Body

Dia.	Order #	Avg Spindle Weight	Draw Bar Force
6.50	90206	26	1,700
8.25	90208	55	3,300
10.00	90210	92	6,000
12.00	90212	133	7,000
15.00	90215	218	10,000
18.00	90218	331	10,000
21.00	90221	570	10,000
24.00	90224	748	10,000

3-Jaw Steel Body

Dia.	Order #	Avg Spindle Weight	Draw Bar Force
6.50	80006	26	2,800
8.25	80008	55	5,000
10.00	80010	92	9,000
12.00	80012	133	10,500
15.00	80015	218	15,000
18.00	80018	331	15,000
21.00	80021	570	15,000
24.00	80024	748	15,000

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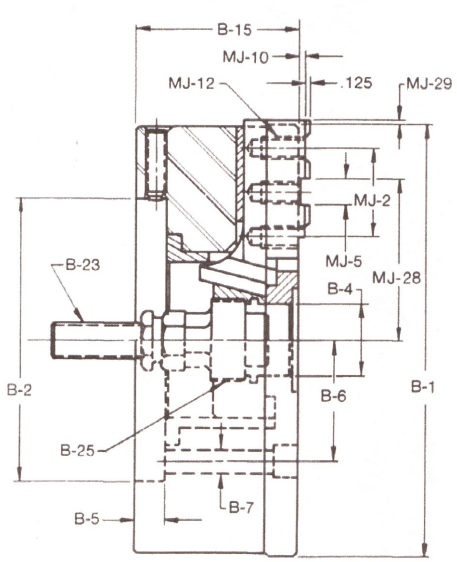
2/3 Jaw Combination Power chuck

Wedge Style Power Chuck Steel Body

- Available with or without thru-hole
- Grips both Round & Square Workpieces
- Manufactured in USA
- 10” to 24” diameters
- 0.001 TIR repeatability is guaranteed on duplicate parts
- Superior grip at speeds from 900 – 2600 RPM’s
- Mounting Plate required- Standard mounting plate included in price of chuck

Chuck Size	Order #	Spindle Weight	2-Jaw Draw Bar Force	3-Jaw Draw Bar Force
10	2310	92	6,000	9,000
12	2312	133	7,000	10,500
15	2315	218	10,000	15,000
18	2318	331	10,000	15,000
21	2321	570	10,000	15,000
24	2324	748	10,000	15,000

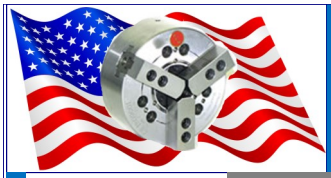


Drawing Represents T & G Master jaws

Chuck Size	B-1	B-2	B-4	B-5	B-6	B-7	B-15	MJ-2	Cross Slots	MJ-5	MJ10	MJ-12	MJ-28 Open	MJ-28 Closed	MJ -29	Jaw Travel
10	10.00	7.905	2.000	.875	3.375	.688	4.469	2.125	1	.750	.186	5/8-11	3.813	3.438	.063	0.375
12	12.00	7.905	2.000	.875	3.375	.688	4.469	2.500	1	.750	.186	5/8-11	4.500	4.125	.125	0.375
15	15.00	11.779	3.187	.938	4.625	.781	5.156	3.000	1	.750	.281	¾-10	5.625	5.250	.125	0.375
18	18.00	11.779	3.187	.938	4.625	.781	5.156	3.000	2	.750	.281	¾-10	5.625	5.250	.125	0.375
21	21.00	16.031	3.750	1.188	6.500	.938	6.500	3.000	2	.750	.313	¾-10	7.125	6.625	.125	0.500
24	24.00	16.031	3.750	1.188	6.500	.938	6.500	3.000	3	.750	.313	¾-10	7.125	6.625	.125	0.500

Chuck Size	Max Thru-Hole (in) w/ Bushing	Max RPM	Wedge Travel (in)	Jaw Travel (in.)	Max Drawbar Pull (lb) 3-Jaw	Max Drawbar Pull (lb) 2-Jaw
10	1.75	2,600	1.50	.375	9,000	6,000
12	1.75	2,200	1.50	.375	10,500	7,000
15	3.00	1,500	1.50	.375	15,000	10,000
18	3.00	1,200	1.50	.375	15,000	10,000
21	3.50	1,000	2.00	.500	15,000	10,000
24	3.50	900	2.00	.500	15,000	10,000

*Estimated ship weight includes mounting adapter.



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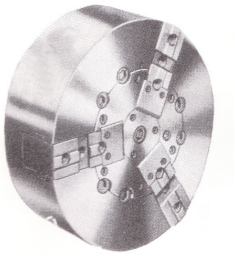
Large 3-Jaw Self-Centering Non-Thru-Hole Power Chuck Wedge

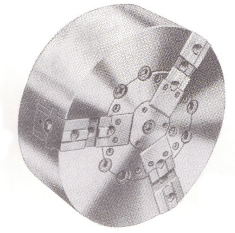


Non-Adjustable Jaws

Recommended for general manufacturing service where adjustability of individual jaws is not required. Particularly suited for repetitive operations, especially heavy workpieces. When fitted with soft blank jaws machined to desired shapes, provides a simple and economical method of workholding, eliminating costly special devices. Balanced to eliminate vibration and chatter at high RPM.

3mmx 60 , Am. Std Tongue & Groove, Acme, or

Size	Part Number	Est Weight (lb)
21	KC-620-21-A11	560
21	KC-620-21-A15	560
24	KC-620-24-A11	700
24	KC-620-24-A15	700
28	KC-620-28-A11	1100
28	KC-620-28-A15	1100
32	KC-620-32-A15	1450
32	KC-620-32-A20	1450
36	KC-620-36-A15	1800
36	KC-620-36-A20	1800



Adjustable Jaws

Self-centering power chucks with jaws providing independent jaw action are simple and quick to adjust. This series of chucks is designed for accurate, expeditious holding of irregularly shaped workpieces. Initial accuracy maintained on repetitive chucking operations.

3mmx 60, Am. Std Tongue & Groove, Acme, or Square Serrated

Size	Part Number	Est Weight (lb)
21	KC-640-21-A11	560
21	KC-640-21-A15	560
24	KC-640-24-A11	700
24	KC-640-24-A15	700
28	KC-640-28-A11	1100
28	KC-640-28-A15	1100
32	KC-640-32-A15	1450
32	KC-640-32-A20	1450
36	KC-640-36-A15	1800
36	KC-640-36-A20	1800

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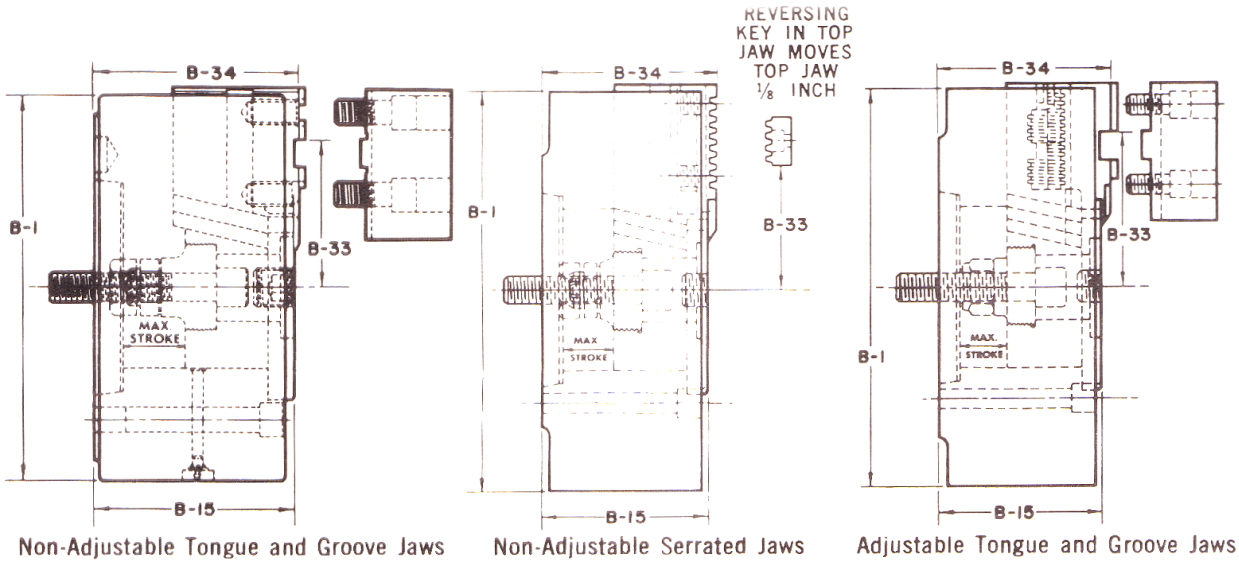
MADE IN USA

Large 3-Jaw Self-Centering Non-Thru-Hole Power Chuck Wedge

POWER CHUCK DIMENSIONS



Non-Adjustable Tongue and Groove Jaws | Non-Adjustable Serrated Jaws | Adjustable Tongue and Groove Jaws

Chuck Size	B-1	B-15	Wedge Stroke	Each Jaw Moves	B-34 Non-Adj T&G	B-34 Adj T&G	B-34 Non-Adj Serr	B-33 Non-Adjustable T&G Jaws		B33 Adjustable T&G Jaws		B-33 Non-Adjustable Serrated Jaws	
								Min Closed	Max Open	Min Closed	Max Open	Min Closed	Max Open
21	21	5-11/16	2	1/2	5-13-16	6-1/8	6-13/16	6-3/4*	8-5/8**	6-3/4*	10-1/4**	5-15/16	8-7/32
24	24	6-9/16	2	1/2	6-45/64	6	6-7/8	6-3/4*	8-5/8**	6-3/4*	11-3/4**	5-15/16	9-23/32
28	28	6-9/16	2	1/2	6-45/64	6-13/16	6-7/8	7-1/4	12-7/8	7-1/4	13-3/4	5-61/64	11-19/32
30	30	6-9/16	2	1/2	6-45/64	6-13/16	6-7/8	6-47/64	13-1/8	6-3/4	14-3/4	5-61/64	12-19/32
32	32	6-9/16	2	1/2	6-45/64	6-7/8	6-7/8	6-47/64	14-1/8	6-3/4	14-7/8	5-61/64	15-19/32
36	36	6-9/16	2	1/2	6-45/64	6-7/8	6-7/8	6-47/64	16-1/8	6-3/4	18-3/4	5-61/64	15-27/32

*Measured from inner keyway **Measured from outer keyway

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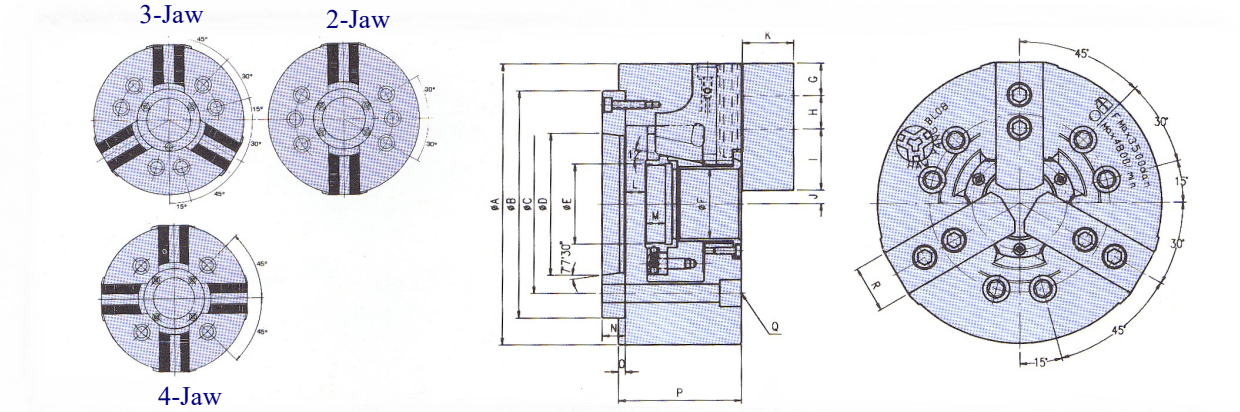
High Speed Thru-Hole Power Chucks

FEATURES:

1. Powerful clamping force
2. High precision & super wear resistance
3. Suitable for high speed turning process

2-3-4 Jaw Style Available



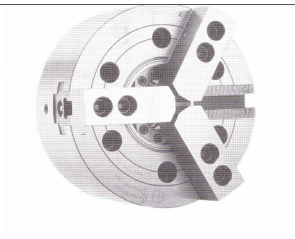
Model	Thru-Hole Dia (in)	Stroke (in)	Jaw Stroke (in)	RPM	Weight (lbs)
BL04B	1.02	0.39	0.17	8000	8
BL05B	1.30	0.39	0.17	7000	15
BL06B	1.80	0.47	0.20	6000	28
BL08B	2.05	0.63	0.27	4700	50
BL10B	2.95	0.75	0.31	4200	78
BL12B	3.58	0.90	0.39	3200	136

Principal Dimensions

Model	A	B	C	D	E	F	G	H	I	J min	J max	K	L min	L max	M	N	O	P	Q	R
BL04B	4	3.3	3.0	A2-3	M32x1.5	1.0	0.5	0.6	1.1	0.2	0.1	0.9	0.04	-0.30	0.7	0.5	0.2	2.4	M10	0.9
BL05B	5	4.3	3.3	A2-4	M40x1.5	1.3	0.6	0.7	1.1	0.3	0.2	1.2	0.04	-0.30	0.8	0.5	0.2	2.4	M10	0.9
BL06B	6.7	5.5	4.1	A2-5	M55x2.0	1.8	0.6	0.8	1.5	0.3	0.2	1.4	0.40	-0.04	0.8	0.6	0.2	3.2	M10	1.3
BL08B	8	6.7	5.3	A2-6	M60x2.0	2.1	0.9	1.0	1.8	0.4	0.2	1.5	0.60	-0.08	0.8	0.7	0.2	3.6	M12	1.4
BL10B	10	8.7	6.7	A2-8	M85-2.0	3.0	1.2	1.2	2.0	0.6	0.5	1.7	0.30	-0.40	1.0	0.7	0.2	3.9	M16	1.6
BL12B	12	8.7	6.7	A2-8	M100x2.0	3.7	1.5	1.2	2.4	0.9	0.7	2.0	0.30	-0.60	1.1	0.7	0.2	4.3	M16	2.0

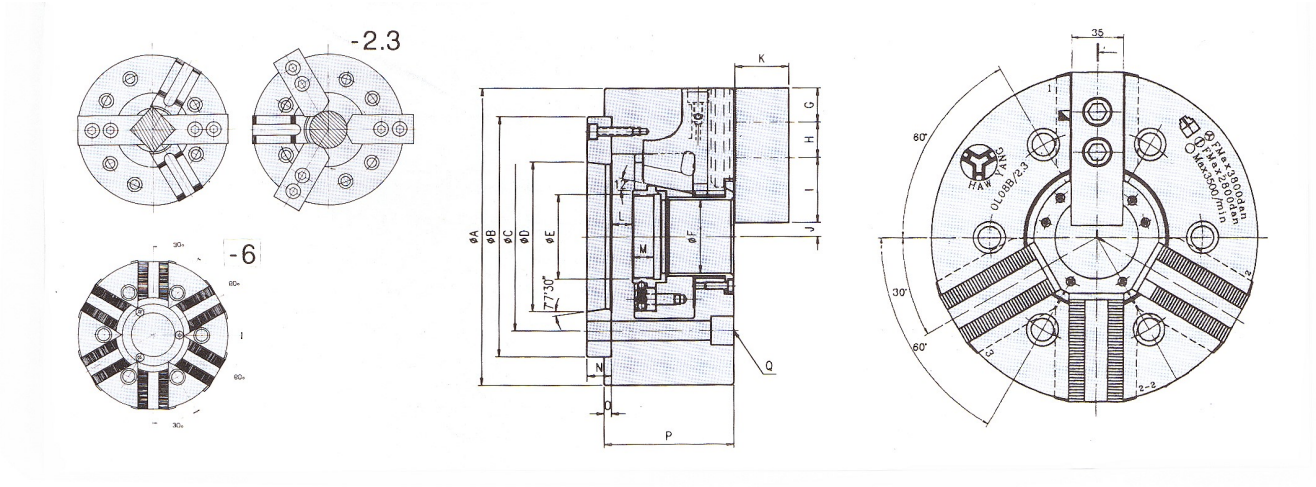
KCM

Multi-Function Thru-Hole Power Chucks



FEATURES:

1. Large thru-hole diameter
2. Can have up to six jaws
3. Multiple functions including ability to grip round, irregular or square workpieces.
4. 2/3-6 Jaw Style

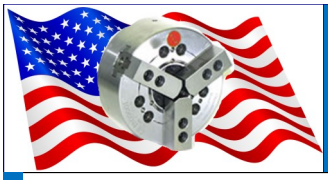


SPECIFICATIONS

Model	Thru-Hole Dia (in)	Stroke (in)	Jaw Stroke (in)	RPM	Weight (lb)
BL06B	1.65	0.47	0.20	4000	29
BL08B	2.05	0.63	0.27	3000	51
BL10B	2.95	0.75	0.31	2500	68
BL12B	3.58	0.91	0.39	2000	154
BL15B	4.65	0.91	0.39	1800	249

DIMENSIONS

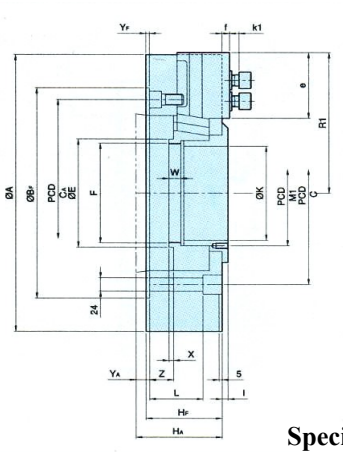
Model	A	B	C	D	E	F	G	H	I	J min	J max	K	L min	L max	M	N	O	P	Q	R
BL06B	6.7	5.5	4.1	A2-5	M55x2.0	1.8	0.6	0.8	1.5	0.3	0.2	1.4	0.4	-0.04	0.8	0.6	0.2	3.2	M10	1.3
BL08B	8.2	6.7	5.3	A2-6	M60x2.0	2.0	0.9	1.0	1.8	0.4	0.2	1.5	0.6	-0.08	0.8	0.7	0.2	3.6	M12	1.4
BL10B	10	8.7	6.7	A2-8	M85-2.0	3.0	1.2	1.2	2.0	0.6	0.5	1.7	0.3	-0.40	1.0	0.7	0.2	3.9	M16	1.6
BL12B	12	8.7	6.7	A2-8	M100x2.0	3.7	1.5	1.2	2.4	0.9	0.7	2.0	0.3	-0.60	1.1	0.7	0.2	4.3	M16	2.0
BL15B	15	11.8	9.3	A2-8	M130x2.0	4.6	1.4	1.7	2.4	2.0	1.8	2.8	0.4	-0.50	1.1	0.9	0.2	5.1	M20	2.4

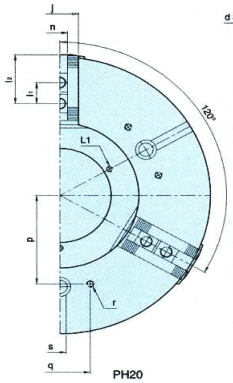


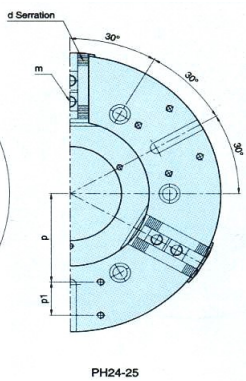
KCM

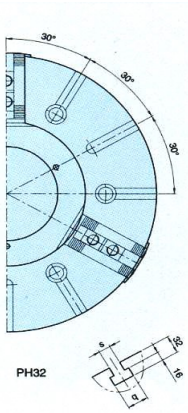
3 Jaw Wedge Type Large Open Center Power Chuck

This is a center open type chuck which has the largest opening at center among the wedge type chucks. It is widely used for







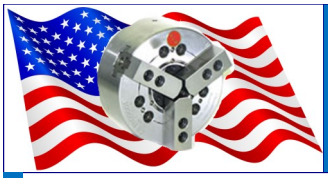


Specifications

P/N	Thru Hole	Jaw Stroke (Dia. MM)	Plunger Stroke (MM)	Gripping Dia (IN)		Max Draw Bar Pull (kgf)	Grip-ping Force (kgf)	Max Speed (RPM)	Weight (lbs)	GD² (kgf · M²)
				Max.	Min.					
PHB-20	6.690	0.551	1.575	19.675	2.675	7140	20400	1800	651	17.2
PHB-24	8.070	0.669	1.338	24.000	5.600	10200	21930	1400	1307	58
PHB-25	9.055	0.669	1.338	25.000	5.600	10200	21930	1400	1527	70
PHB-32	9.055	0.787	1.575	31.500	7.000	10200	21930	1000	770	188

Dimensions

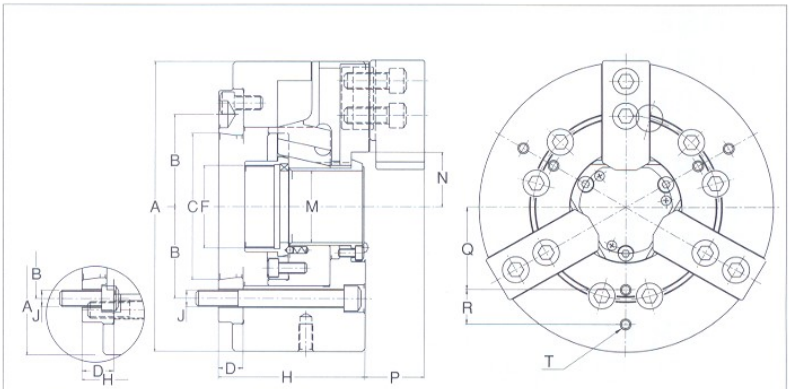
Type	20	24	25	32	Type	20	24	25	32
A	19.675	24.000	25.000	31.500	Z	40/0	34/0	34/0	44/4
Bf	14.960	20.472	20.472	20.472	d	3 x 60°	3 x 60°	3 x 60°	3 x 60°
C	12.950	18.250	18.250	18.250	e	4.685	5.984	5.984	8.661
CA	-	-	-	-	f	0.512	0.354	0.354	0.354
D	0.945	0.945	0.945	0.945	g	0.138	0.138	0.138	0.138
E	7.677	9.055	10.236	10.236	j	2.440	2.930	2.930	2.930
F	M180 x 3	M215 x 3	M240 x 3	M240 x 3	k1	0.630	0.630	0.630	0.630
Hf	5.000	5.905	5.905	6.300	l	0.394	0.197	0.197	0.197
K	6.693	8.070	9.055	9.055	l1	1.496	1.496	1.496	1.496
L	5.303	5.303	5.303	5.303	l2	103/54	122/54	122/54	190/54
L1	M10	M10	M10	M10	m	M20	M20	M20	M20
M1	7.480	8.661	9.842	9.842	n	1.000	1.000	1.000	1.000
R1	10.00	12.087	12.677	15.354	p	160	200	200	-
U	0.275	0.335	0.335	0.394	p1	-	60	60	-
W	0.984	1.181	1.181	1.181	q	3.937	3.937	3.937	1.457
X	0.314	0.394	0.394	0.394	r	M12	M12	M12	-
Yf	0.236	0.236	0.236	0.236	s	0.787	0.787	0.787	0.866



KCM

MADE IN USA

Big Bore Wedge Type Power Chucks



This is a Wedge Style Power Chuck that will provide the Workpiece tolerance you demand for your turning center.

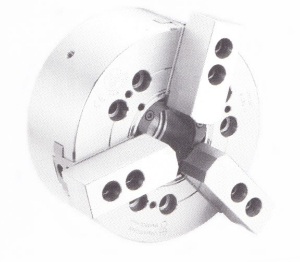
*1.5 x 60 Serrations
*Large Thru-hole
*Direct Mount
*Hi-Speed

Specification/Model	KCA6-8-66B	KCA8-10-80B	KCA8-12-93B
Thru-hole	2.60	3.15	3.66
Stroke of Jaws (on dia.)	0.30	0.35	0.35
Stroke of Piston	0.67	0.78	0.78
Chucking Diameter			
Max .	7.62	9.00	10.80
Min .	1.42	1.28	1.69
Gripping Force (lb)	17,600	24,200	30,850
Max Draw Pull (lb)	6,830	9,580	13,450
Max RPM	4,400	4,000	3,000
Weight (lb)	56	86	143

Size/Model	KCA6-8-66B	KCA8-10-80B	KCA8-12-93B
A	8.46	10	12
B	2.62	3.37	3.37
C	A6	A8	A8
D	0.88	1.06	1.06
F	M72xP1.5	M90xP2.0	M103xP2.0
H	4.21	4.92	4.92
J	6-M12	6-M16	6-M16
M	2.60	3.15	3.66
N			
Max .	1.83	2.14	2.56
Min .	1.68	1.96	2.38
P	1.65	1.73	2.12
Q	2.36	3.15	3.34
R	0.98	1.18	1.77
T	6-M8deep15	6-M12deep18	6-M12deep18

KCM

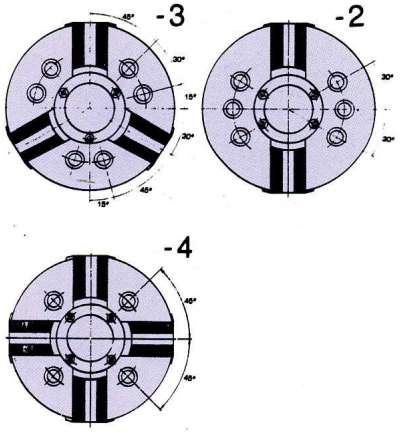
Long Stroke Power Chucks

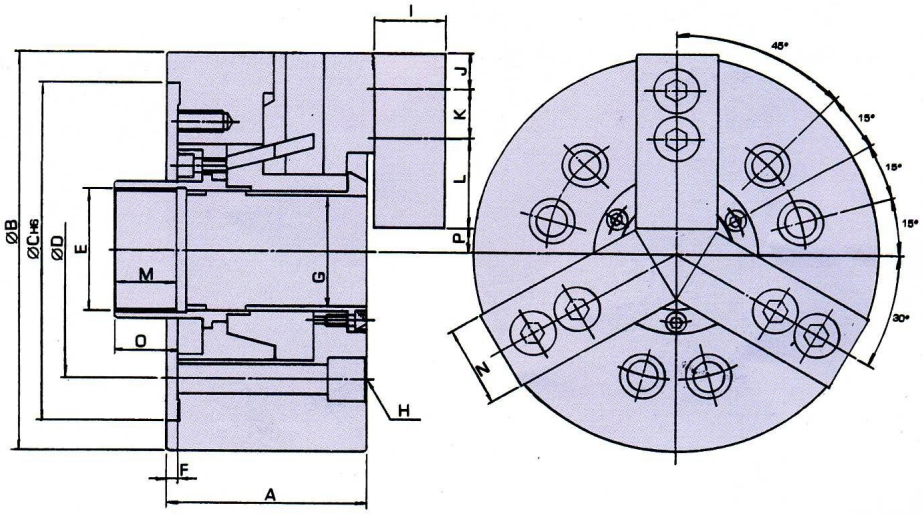


FEATURES:

Large Through hole diameter, and long stroke

2-3-4 Jaw Style Available





SPECIFICATIONS

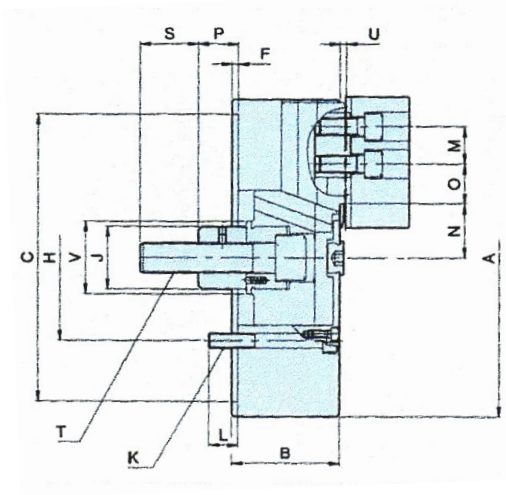
Model	Thru-Hole Dia (mm)	Stroke (mm)	Jaw Stroke (mm)	RPM	Weight (KG)
OU06A	**42**	**15**	**14**	**3000**	**13.3**
OU08A	**52**	**20**	**23.1**	**2500**	**22.5**
OU10A	**75**	**20**	**23.1**	**2000**	**30.8**

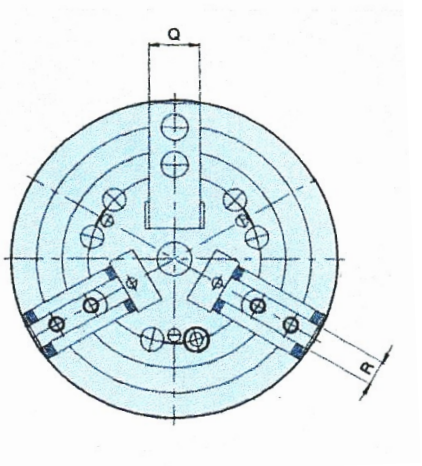
DIMENSIONS (mm)

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Omax	Omin	Pmax	Pmin
OU06A	83	165	140	104.8	M55 x 2.0	5	42	M8	36	15	20	37	20	32	10	-0.5	10.5	3.5
OU08A	95	205	170	133.4	M60 x 2.0	5	52	M12	38	24	25	46	21.5	35	15	-2	7.5	-4.04
OU10A	100	254	220	171.4	M85 x 2.0	5	75	M16	42	30	30	50	30	40	8.5	-11	17	5.45

KCM

3-Jaw Long Stroke Power Chuck





Specifications

P/N	Jaw Stroke (Dia. MM)	Plunger Stroke (MM)	Gripping Dia (MM)		Max Draw Bar Pull (kgf)	Gripping Force (Kgf)	Max Speed (RPM)	Weight (kg)	GD² (kgf · M²)
			Max.	Min.					
PL-6	13	18	165	20	1500	3300	4000	11	0.14
PL-8	16	22	210	22	3000	6600	4000	21	.046
PL-10	18	25	250	25	3500	7500	3000	33	1.06
PL-12	20	28	300	28	4500	9900	2500	55	2.54

Dimensions

Type	6	8	10	12	Type	6	8	10	12
A	165	210	254	304	O Max	18	30	40.5	45
B	63	77	85	97	O Min	7.5	13.5	15	15
C (H6)	140	190	230	280	P Max	29	34	44	50
F	5	5	5	5	P Min	29	34	44	50
H	104.77	133.35	133.35	171.45	Q	11	12	19	22
J	32	38	50	52	R	12	16	18	21
K	6-M10	6-M12	6-M12	6-M16	S	36	36	46	50
L	17	21	23	25	T	M16 x 2.0	M20 x 2.5	M24 x 3.0	M27 x 3.0
M	20	25	30	40	U	5	5	5	5
N Max	38.8	42.8	43.8	57.5	V	38	48	58	65
N Min	32.3	34.8	39.8	47.5					

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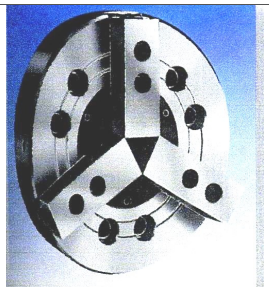
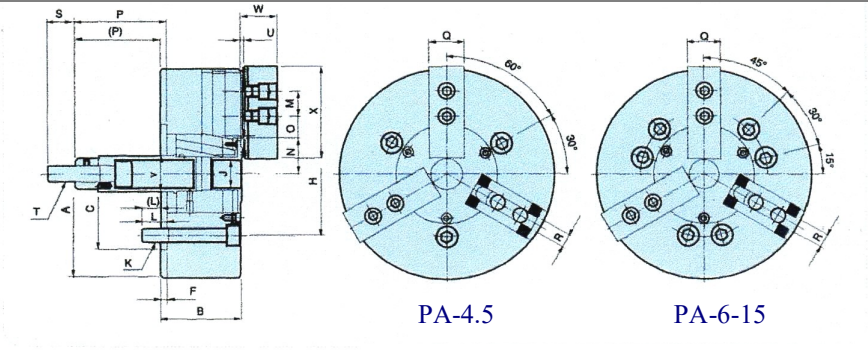
3-Jaw Closed Center Wedge Type Power Chuck





PA-4.5 PA-6-15

* Parenthesized are PA4",5"

+Serration Pitch= 1.5 x 60

This is a standard closed center power chuck and mainly used for machining general work. It is an economic type. It is possible to exchange jaws with hard ones.

Specifications

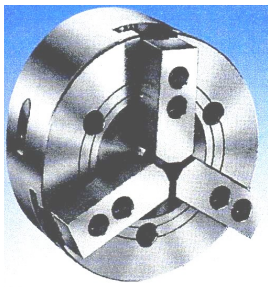
P/N	Jaw Stroke (Dia. MM)	Plunger Stroke (MM)	Gripping Dia (MM)		Max Draw Bar Pull (kgf)	Gripping Force (Kgf)	Max Speed (RPM)	Weight (kg)	GD² (kgf · M²)	Recommend-ed Cylinder
			Max.	Min.						
PA-4	6.4	15	110	5	836	2345	6000	4.1	0.03	RCV-75
PA-5	6.4	15	135	18	836	2549	5500	6.2	0.06	RCV-75
PA-6	8.5	20	165	18	1835	5353	5270	13	0.18	RCV-100
PA-8	8.8	21	210	12	2549	7648	4765	0.55	0.55	RCV-125
PA-10	8.8	25	254	16	2957	11013	4010	37	1.20	RCV-125
PA-12	10.5	30	304	18	4181	15907	3380	57.3	2.90	RCV-150
PA-15	16	35	381	68	8362	25391	3040	96	7.2	RCV-200

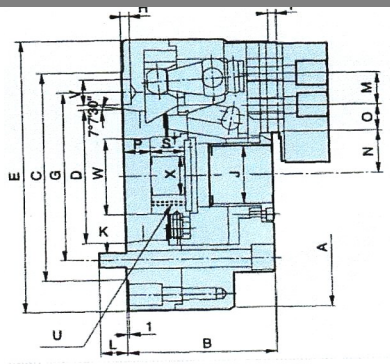
Dimensions (mm)

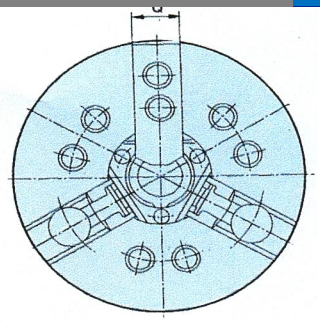
Type	4	5	6	8	10	12	15	Type	4	5	6	8	10	12	15
A	110	135	165	210	254	304	381	O Max	11.3	13.5	18	22.5	37.5	47	50.25
B	52	55	74	85	89	106	114	O Min	8.3	6	7.5	9	10.5	11	23.25
C (H6)	60	80	140	170	220	220	300	P Max	18	9	101.5	127	158	163	104
F	6	7	5	5	5	6	6	P Min	3	-6	81.5	106	133	133	69
H	80	100	104.8	133.4	171.4	171.4	235.0	Q	23	23	31	35	40	50	50
J	-	-	21	25	34	34	-	R	10	10	12	14	16	18	25.5
K	3-M8	3-M8	6-M10	6-M12	6-M16	6-M16	6-M20	S	25	35	36	36	36	36	55
L	12	14	14	20	18	18	30	T	M10 x 1.5	M12 x 1.75	M16 x 2.0	M20 x 2.5	M20 x 2.5	M20 x 2.5	M30 x 3.5
M	14	19	20	25	30	30	43	U	3	3	4	5	5	5	2
N Max	23.3	30.4	37.8	46.3	51.1	61	77.5	V	26	28	34	38	45	50	60
N Min	20.1	27.2	33.55	41.9	46.7	55.75	69.5	W	27	29	35	42	46	54	61
								X	55	62	72	95	110	129	135

KCM

Ultra High Speed Open Center Power Chuck







The counter balancer equipped inside of chuck, compensates chucking power loss caused by centrifugal force at high speed rotation. This chuck is therefore used for high speed rotation.

Stable chucking, powerful machining and shortened machining time are possible with this chuck as chucking power variation is small by high speed.

The Machining of long bar is possible as the center of the chuck is opened. It can be directly attached to ASA and JIS short taper spindle.

Use chuck adapter

Specifications

P/N	Jaw Stroke (Dia. MM)	Plunger Stroke (MM)	Max Draw Bar Pull (kgf)	Gripping Force (kgf)	Max Speed (RPM)	Weight (kg)	GD² (kgf · M²)	Recommended Cylinder
UHS-6	33	5.5	2,000	5,100	6,700	14.9	0.24	HRHV-1246
UHS-8	46	7.4	3,100	7,800	5,600	25.5	0.59	HRHV-1246
UHS-10	65	8.8	3,800	9,900	4,500	36.1	1.27	HRHV-1552
UHS-12	78	10.6	4,900	12,900	3,500	60.4	3.00	HRHV-1875
UHS-15	117.5	10.6	7,100	18,000	2,800	111	9.10	HRHV-2091

Dimensions (mm)

Type	6	8	10	12	15	Type	6	8	10	12	15
A	165	210	254	304	381	N Min	27.5	35.7	50	58	82
B	98	110	114	125	154	N Max	24.75	32	45.6	52.7	76.7
C	135	165	210	210	280	O Max	26.25	31.25	33.75	48.75	46.75
D	82.552	106.375	139.719	139.719	196.869	O Min	8.25	10.25	11.25	11.25	13.75
E	175	215	254	304	381	P Max	30	27	14	29	38
G	104.78	133.35	171.45	171.45	235	P Min	18	11	-5	6	15
H	6.5	6.5	8	8	10	S	20	25	30	33	33
J	33	46	65	78	117.5	T	4	5	5	5	5
K	6xM10	6xM12	6xM16	6xM16	6xM20	U Max	M42x1.5	M55x2	M75x2	M88x2	M130x2
L	15	18	24	23	30	V	16.28	19.46	24.21	24.21	29.36
M	20	25	30	30	43	W	48.8	61	84.5	96	139
Q	31	35	40	50	62	X	16	30	45	50	60

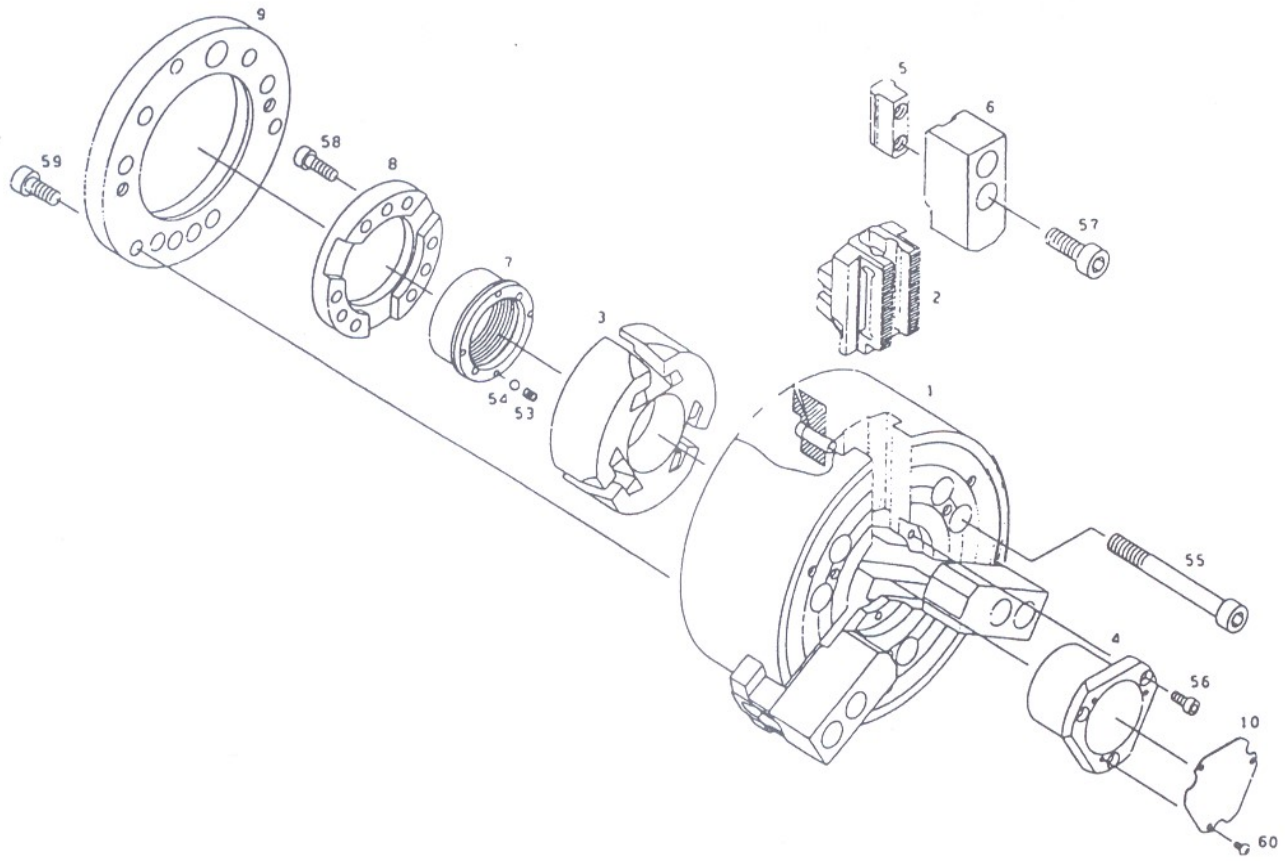


Figure	Part Name
1	Chuck Body
2	Master Jaw
3	Jaw Wedge
4	Bushing
5	T-Nut
6	Soft Jaw
7	Draw Screw
8	Thrust Block
9	Rear (Mounting) Plate

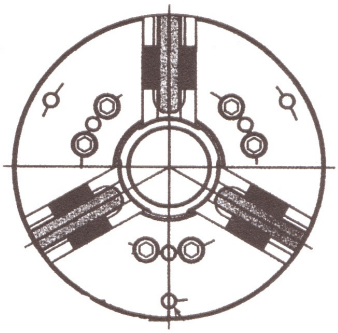
Figure	Part Name
10	Cover
53	Compression Spring
54	Steel Ball
55	Chuck Mounting Bolt
56	Bushing Bolt
57	Soft Jaw Bolt
58	Thrust Block Bolt
59	Rear Plate Bolt
60	Cover Bolt

KCM

MADE IN USA

Counter Centrifugal High-Speed Power Chuck

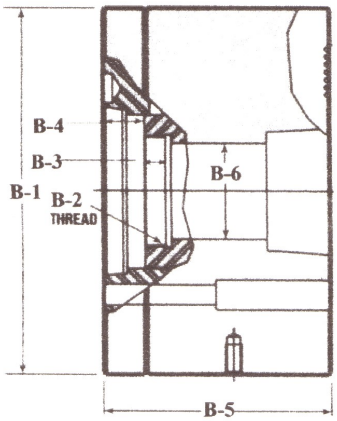
- Uses centrifugal force to help maintain gripping at higher speeds
- Special collet pads can be mounted directly on the master jaws
- Diameters from 10" – 24"
- Speeds from 1800 to over 5000 RPM's
- Thru-Holes from 2.5" to over 6"
- Your choice of standard Acme Serrated Master Jaws or 1.5 mm x 60 Degree Metric Fine Serrated
- Made in USA



O.D. CHUCKING

Counter Balance Weights: integral with the chuck levers, improve holding ability over conventional chucks on all O.D. applications by reducing centrifugal losses on the jaws.

Long master jaw bearing surfaces and exceptionally strong internal parts also contribute to heavy gripping.



Slugs or Castings: hard serrated inserts with bases are available and these replace traditional hard stepped top jaws and provide:

Longer gripping length
Better part penetration
Improved gripping range
Easier change over
Better adjacent tool clearance

Bars and Small Parts: master jaw pads are available. Gripping in these pads attached directly to the noses of the master jaws:

Increased jaw force on part
Reduces "bellmouthing" jaw friction and wear
Increases accuracy
Stabilizes part closer to spindle bearings
Provides bar range with fewer changes
Provides additional tool clearance

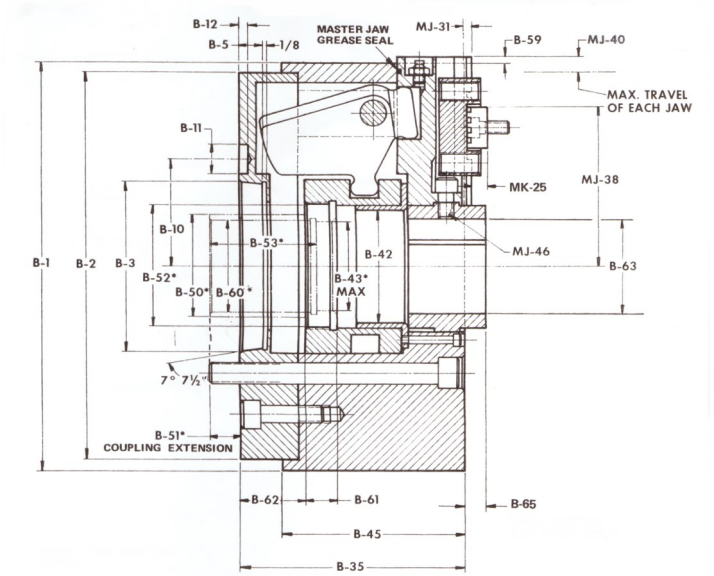
Chuck Size	Order #
10	KC10CC
12	KC12CC
15	KC15CC
18	KC18CC
21	KC21CC
24	KC24CC

For Larger Diameter Chucks, please contact factory at 888-727-4703.

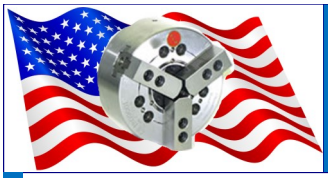
KCM

MADE IN USA

Counter Centrifugal High-Speed Power Chuck



Rated Size of Chuck	10	12	15	18
Spindle Nose	6	8	11	11
B1	10	12	15	18
B2	9-1/2	11-1/2	14-1/2	15-5/8
B3	4.1875 - .0005	5.5000 - .0005	7.7500 - .0005	7.7500 - .0005
B5	9/16	5/8	11/16	11/16
B6	2-5/8 ± .006	3-3/8 ± .006	4-5/8 ± .006	4-5/8 ± .006
B7	17/32	21/32	25/32	25/32
B10	2-5/8 ± .003	3-3/8 ± .003	4-5/8 ± .003	4-5/8 ± .003
B11	49/64 ± .004	61/64 ± .004	1-5/32 ± .004	1-5/32 ± .004
B12	¼	5/16	3/8	3/8
B35	5-7/16	6	6-1/2	6-11/16
B42	2-3/4	3-3/8	4-13/16	4-13/16
B43 MAX	2-9/16	3-1/8	4-5/8	4-5/8
B45	4-7/16	5	5-7/16	5-7/16
B46 # bolt holes	6	6	6	6
B50	2-15/16	3-9/16	5-7/32	5-7/32
B51 MIN	7/8	7/8	1-23/32	1-17/32
B51 MAX	1-13/32	1-5/8	2-5/8	2-21/32
B52	3-1/8 - 12UN	4-1/4 – 12UN	5-1/4 – 12UN	5-1/4 – 12UN
B53	2-3/4	2-13/16	1-3/4	1-3/4
B59	1/8	-	-	-
B60	2-3/4 – 16UN	3-3/8 – 18UN	5 – 16UN	5 – 16UN
B61	¾	¾	¾	¾
B62 MAX	1-5/8	1-9/16	1-25/32	1-31/32
M62 MIN	1-3/32	13/16	7/8	27/32
B63	2-9/16	3-1/32	4-5/8	4-5/8
B64	9/16	¾	¾	1
B65	½	9/16	3/8	3/8
B66	2-1/8	1-7/8	2-1/8	1-11/16
B67	-	-	-	1-11/16
B68	3/8 – 16	½ – 13	½ - 13	5/8 – 11
B69	½	½	½	9/16



KCM

MADE IN USA

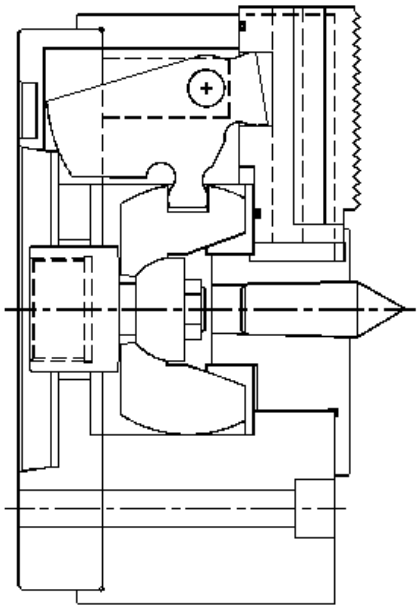
Compensating Power Chuck

KCM Compensating Power Chucks, are designed to meet the need for accurate chucking of irregular parts. KCM Compensating Chucks have up to .125” total compensation and a choice of solid or spring-loaded centers.
Compensating Chuck accuracy depends on a number of conditions: tail-stock pressure, condition of center point, quality of center hole in part, chuck lubrication, tool pressure, etc.

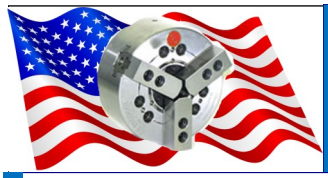
Guaranteed .001” TIR Precision.
“Dead True” precision available with the Micro Set feature.

Chuck Diameter	Chuck Number
10”	5710
12”	5712
15”	5715
18”	5718
21”	5721
24”	5724

*Vibration may occur at higher RPMs with extremely out-of-round piece parts.



Chuck Dia (in)	Max RPM	Wedge Travel (in)	Jaw Travel (in)	Max Draw Bar Force (lb)	Total Compensation (in)
10”	1600	1.5	3/16	6000	.090
12”	1400	1.5	3/16	7000	.125
15”	1200	1.5	3/16	10000	.125
18”	1000	1.5	3/16	10000	.125
21”	900	2	3/16	10000	.125
24”	800	2	3/16	10000	.125



KCM

MADE IN USA

Compensating Power Chuck

Micro Set Precision, plus 100% more gripping power than conventional chucks!
Angular jaws on wider, longer keyways plus a heavy-duty wedge offer the strength and rigidity needed for maximum gripping power from the beginning to the end of jaw travel.

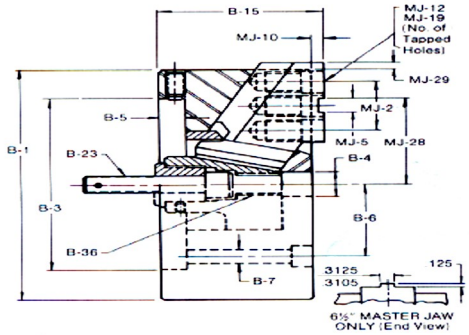
The KCM Pull-Back provides positive end location of parts by holding work solidly against work stops.

The Pull-Back is the perfect match for single or multiple spindle machines making heavy cuts on precision work. No other chuck comes close to matching this quality, accuracy and durability.

Guaranteed .001" TIR repeatability on duplicate parts.

Chuck Diameter	Chuck Number	
	3-Jaw	2-Jaw
6.5"	3706	3806
8.25"	3708	3808
10"	3710	3810
12"	3712	3812
15"	3715	-
18"	3718	-
21"	3721	-
24"	3724	-

Chuck Dia (in)	Max RPM	Wedge Travel (in)	Jaw Travel (in)	Max Draw Bar Force (lb)
6.5"	3000	1.125	.250	6000
8.25"	2500	1.281	.281	10000
10"	2000	1.687	.375	15000
12"	1700	1.687	.375	18000
15"	1400	1.687	.375	25000
18"	1100	1.687	.375	25000
21"	1000	2.281	.500	25000
24"	900	2.281	.500	25000

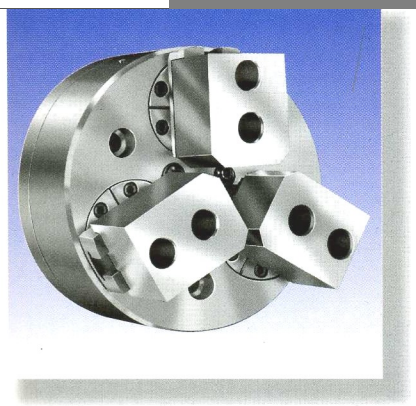


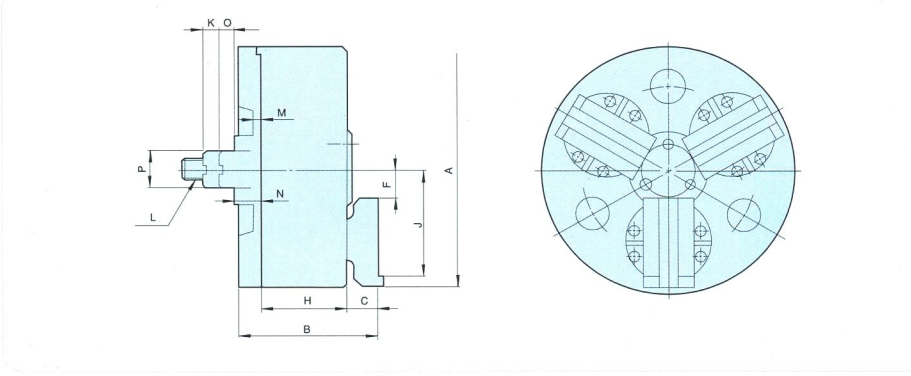
Principal Dimensions

B-1 Chuck Dia	B-3	B-4	B-5	B-6		B-7		B-15	B-23	B-36	MJ-2	MJ-5	MJ-10		MJ-12	Cross Slots	MJ-19	MJ-28*		MJ-29
				Std	Opt	Std	Opt						Open	Closed				Open	Closed	
6.50"	4.780	.7505	.625	2.063	-	.469	-	3.063	5/8-18	5/8-18	1.500	.499	.313	.156	7/16-14	1	3	2.438	2.188	.250
8.25"	6.155	.8750	.656	2.625	2.063	.531	.469	3.750	5/8-18	¾-16	1.750	.499	.313	.156	¾-16	1	3	3.063	2.781	.250
10"	7.905	.8750	.875	2.625	3.375	.531	.656	4.719	1-14	¾-16	2.125	.749	.344	.156	7/8-14	1	3	3.813	3.438	.375
12"	7.905	.8750	.875	3.375	2.625	.656	.531	5.125	1-14	¾-16	2.500	.749	.375	.188	7/8-14	1	3	4.500	4.125	.375
15"	11.779	1.250	.938	4.625	3.375	.781	.656	5.500	1-14	1-14	3.000	.749	.578	.375	1-14	1	3	5.625	5.250	.125
18"	11.779	1.250	.938	4.625	3.375	.781	.656	6.000	1-14	1-14	3.000	.749	.578	.313	1-14	2	4	5.625	5.125	.125
21"	16.030	2.000	1.188	6.500	4.625	.938	.813	7.938	1-14	1 ¼-12	3.000	.749	.578	.313	1-14	2	4	7.125	6.625	.125
24"	16.030	2.000	1.188	6.500	4.625	.938	8.13	7.938	1-14	1 ¼-12	3.00	.749	.578	.313	1-14	3	5	7.125	6.625	.125

KCM

Universal Ball Lock Power Chuck Centering & Compensating





✣All dimension of centering type compensating type. 3–jaw and 2–jaw are the same.

This is used for chucking castings or forgings. It pulls in the work during chucking so that it can chuck a tapered surface (up to 10"). Jaws' orientation can automatically change right and left by 5° in each direction.

Compensating is also available.

There are two methods of mounting chucks: using adapter and fixing on short taper spindle in accordance with ASA a JIS

Has 2 Jaw model with same layout

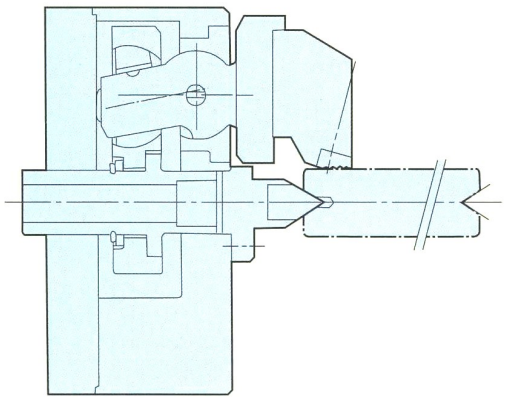
Specifications

P/N	Jaw Stroke (Dia. MM)	Plunger Stroke (MM)	Gripping Dia (MM)		Max Draw Bar Pull (kgf)	Max Speed (RPM)	Weight (kg)	GD² (kgf · M²)	Recommended Cylinder
			Max.	Min.					
UBL-6	7.9	11.3	120	12.7	2700	4000	18	0.15	RCV-125
UBL-8	9.5	14.3	152	16	3600	3500	27	0.48	RCV-125
UBL-10	12.7	17.5	203	50	4500	3000	45	1.23	RCV-150
UBL-12	12.7	17.5	241	63	4500	2500	67.5	2.42	RCV-150
UBL-15	15.8	22.3	317	76	6800	2000	84.5	8.49	RCV-200
UBL-18	15.8	22.3	394	89	6800	1500	120	15.17	RCV-200
UBL-21	15.8	22.3	470	162	6800	1000	180	25.00	RCV-200

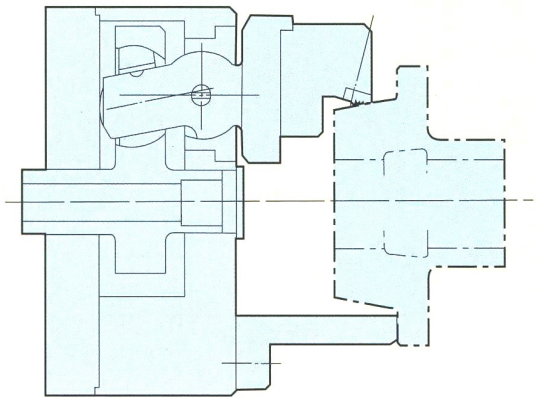
Dimensions (mm)

Type	6	8	10	12	15	18	21	Type	6	8	10	12	15	18	21
A	162	200	254	300	381	457	533	K Min	11.3	14.3	17.5	17.5	22.3	22.3	22.3
B	104.6	123.3	147.1	147.1	163.4	163.4	163.4	K Max	6.2	9	9.5	9.5	12	12	12
C	19.3	23.3	29.1	29.1	32.4	32.4	32.4	L	M16	M16	M18	M18	M24	M24	M24
F	20.3	25.15	30	50.5	65.8	103.9	142	M	4.8	6	7	7	7	7	10
H	59.2	70	86.6	86.6	96.1	96.1	96.1	N	19.8	21.5	26	26	36.6	36.6	36.6
J Outer Dia	73.15	88.95	112.7	133.2	171.45	209.55	247.65	O	4.4	3.0	4.0	4.0	12.7	12.7	12.7
J Inner Dia	22.20	25.35	30.3	50.8	69.8	107.9	146	P	30.16	31.75	41.24	41.27	57.16	88.90	88.90

The Structure of a UBL Chuck



Compensating Type



Centering Type

Characteristics of UBL Chuck

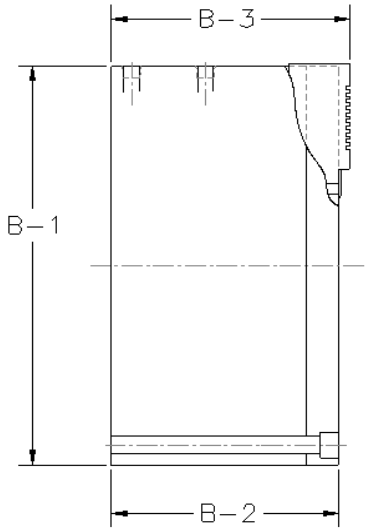
- Pulls in work when it chucks.
- Work shall never float.
- Easy to clamp taper parts.
- Jaws can be automatically adjusted in left and right directions by 5°.
- It can be used at high speed rotation.
- It is possible to chuck short outside taper parts.
- It is designed to protect the intrusion of foreign particles.
- It is possible to chuck the work which are not round shape.
- There is center compensation chuck with 2 jaws based on the center.
- There is no loss in power. The chucking force is about three times of the input power.
- The object is automatically centered when it is chucked.
- This is suitable for chucking outside and inside of forgings and castings and chucking outside of shaft based on the shaft center.

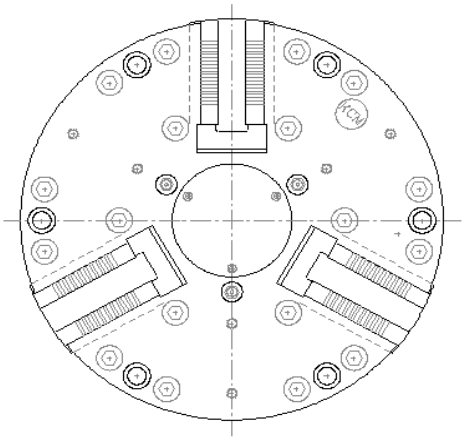
KCM

MADE IN USA

Hydraulic/Pneumatic Stationary Power Chuck - Available with Thru-Hole

- Low Profile Design perfect for CNC machining centers, standard mills and grinders
- Guaranteed 0.001” TIR repeatability on duplicate parts
- Can be used with air or hydraulic power (interchangeably)
- 6 & 8” 2 or 3-jaw models Tongue & Cross Key only
- 10 – 24” 2-Jaw, 3-Jaw or 2/3-Jaw Combination 1.5 x 60 °, Square Serrated, Tongue & Groove, 1/16 x 90 degree, Acme Serrated
- Also available in Thru Hole Model





Chuck Size	Part Num-ber	B-1	B-2	B-3	Jaw Travel	Max Drawbar Force (lbs)	Max Line Pressure (psi)
6	99006	6.50	5.16	5.32	0.250	2800	155
8	99008	8.25	5.78	5.94	0.250	5000	170
10	99010	10.0	6.25	6.57	0.250	9000	195
12	99012	12.0	6.25	6.57	0.250	10500	160
15	99015	15.0	8.06	8.47	0.375	15000	160
18	99018	18.0	8.06	8.47	0.375	15000	105
24	99024	24.0	9.65	9.93	0.375	15000	50

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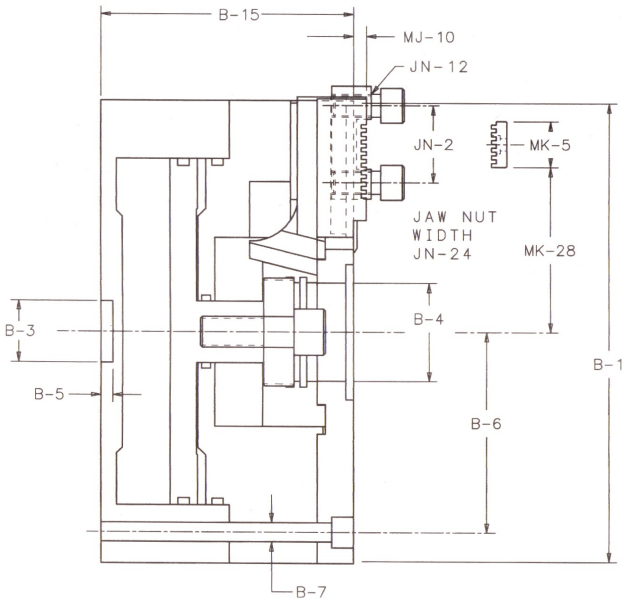
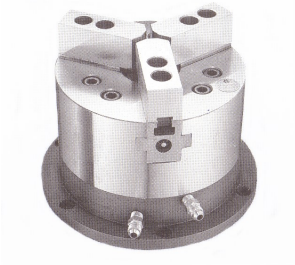
Hydraulic/Pneumatic Stationary Power Chuck - Available with Thru-Hole



Chuck Size	6	8	10		12		15		18		24	
Jaw Type	T & G	T & G	T & G	SQ SERR	T & G	SQ SERR	T & G	SQ SERR	T & G	SQ SERR	T & G	SQ SERR
B-1	6.50	8.25	10	10	12	12	15	15	18	18	24	24
B-3	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00	2.00
B-4	1.00	1.50	2.00	2.00	2.00	2.00	3.18	3.18	3.18	3.18	3.75	3.75
B-5	0.25	0.22	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.50
B-6	2.88	3.72	4.50	4.50	5.38	5.38	6.75	6.75	8.00	8.00	9.38	9.38
B-7	0.41	0.34	0.53	0.53	0.53	0.53	0.66	0.66	0.66	0.66	0.78	0.78
B-15	5.19	5.78	6.37	6.37	6.27	6.25	8.06	8.06	8.06	8.06	9.50	9.50
MJ-10	0.16	0.16	0.19	0.31	0.19	0.31	0.44	0.38	0.38	0.40	0.47	0.31
MK-5	---	---	---	1.00	---	1.00	---	1.48	---	1.48	---	1.48
Cross Keys	1	1	1	---	1	---	1	---	2	---	3	---
MJ/MK - 28 Max	2.43	3.06	3.81	3.75	4.50	4.46	5.62	5.37	5.62	6.87	7.12	9.75
MK-28 Min	---	---	---	2.88	---	3.34	---	4.23	---	4.26	---	5.38
JN-2	---	---	---	1.75	---	1.75	---	2.50	---	2.50	---	3.00
JN-12	.437-14	.500-13	.625-11	.500-13	.625-11	.500-13	.750-10	.750-10	.750-10	.750-10	.750-10	.875-9
JN-24	---	---	---	.75	---	.75	---	1.0	---	1.0	---	1.0
Jaw Travel	.250	.312	.375	.375	.375	.375	.375	.375	.375	.375	.500	.500

KCM

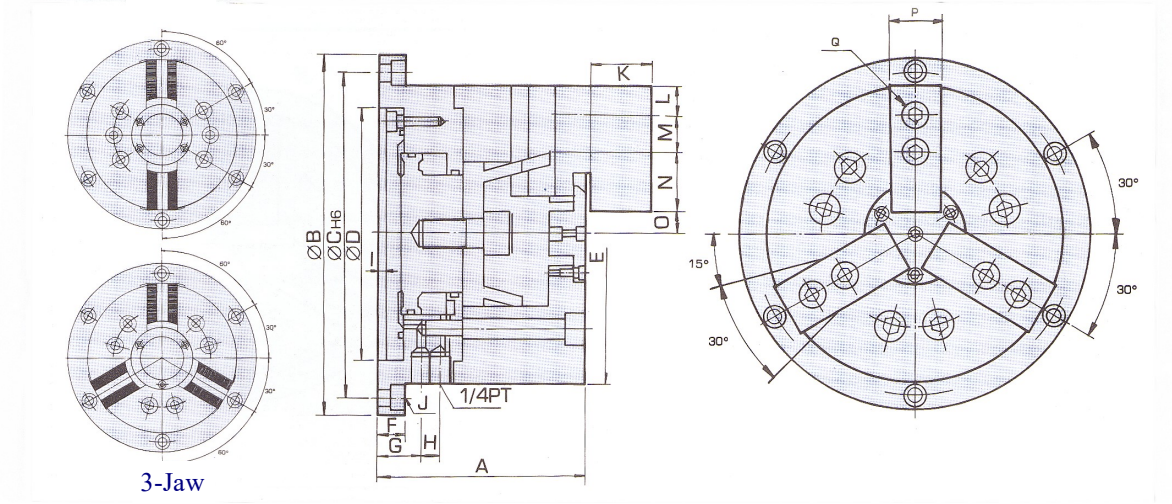
Stationary Power Chucks



FEATURES:

1. Powerful clamping force
2. Super thin chuck body and convenient clamping processing
3. High Precision
4. Adaptable for flex machining system and can be arranged for clamping processing

2-Jaw



3-Jaw

SPECIFICATIONS

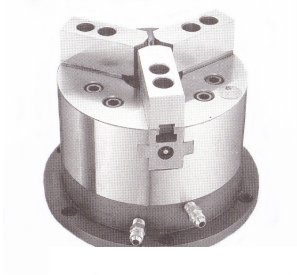
Model	Stroke (in)	Jaw Stroke (in)	Hydraulic Pressure (PSI)	Weight (lb)
OLN04D	**0.390**	**0.170**	**33**	**20**
OLN06D	**0.590**	**0.196**	**33**	**46**
OLN08D	**0.787**	**0.255**	**33**	**72**
OLN10D	**0.787**	**0.255**	**33**	

DIMENSIONS

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	P	Q	O MAX	O MIN
OLN04D	3.6	5.9	5.1	4.0	4.0	0.6	1.1	0.3	0.2	6-M8X25	0.9	0.5	0.8	1.5	1.3	M10x30	0.4	0.2
OLN06D	5.0	7.8	7.1	5.5	6.5	0.6	1.1	0.3	0.2	6-M8x25	1.4	0.6	0.8	1.5	1.3	M10x30	0.4	0.2
OLN08D	5.8	9.8	8.9	6.7	8.1	0.6	1.1	0.6	0.2	6-M8x25	1.5	0.9	1.0	1.8	1.4	M12x35	0.5	0.2
OLN10D	6.2	10.9	9.8	8.7	10	0.7	1.2	1.0	0.2	6-M10x30	1.7	1.2	1.2	2.0	1.6	M12x35	0.7	0.4

KCM

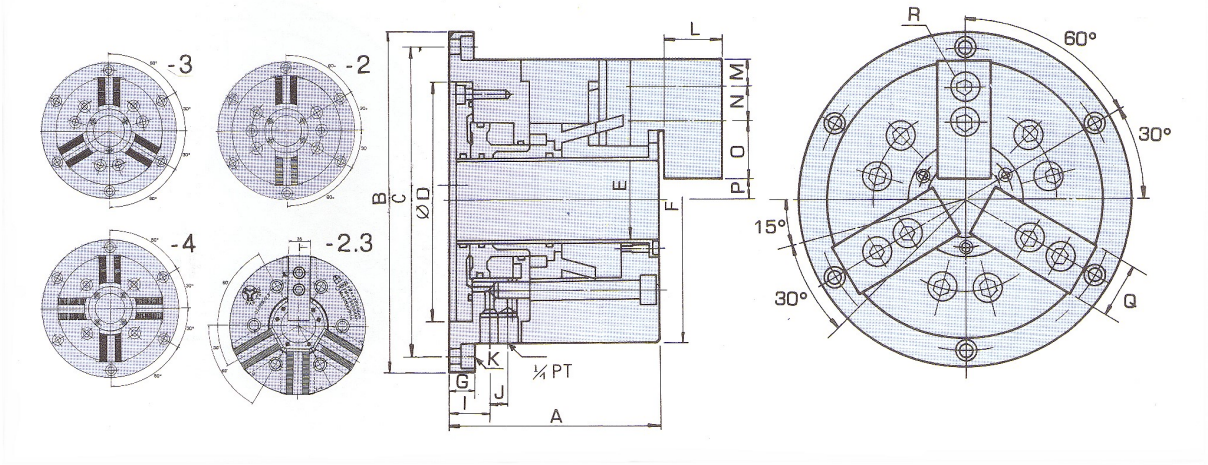
Stationary Thru Hole Power Chucks



FEATURES:

1. Large Thru-Hole diameter
2. Super thin chuck body
3. High Precision
4. Adaptable for flex machining system and can be arranged for clamping processing

2-Jaw, 3-Jaw,4-Jaw, 2/3 Jaw Available



SPECIFICATIONS

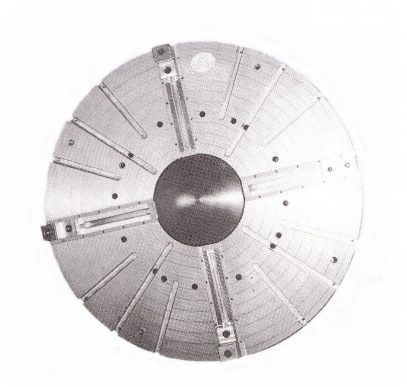
Model	Thru-Hole Diameter (in)	Stroke (in)	Jaw Stroke (in)	Hydraulic Pressure (PSI)	Weight (lbs)
OLU06B	1.65	0.590	0.196	33	45
OLU08B	2.05	0.787	0.255	33	71
OLU10B	2.95	0.980	0.255	33	

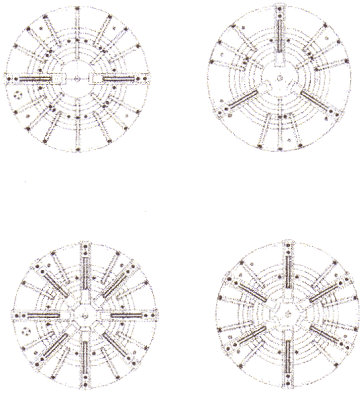
DIMENSIONS

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P MAX	P MIN	Q	R
OLU06B	5.0	7.8	7.1	5.5	1.7	6.5	0.6	0.2	1.1	1.4	M8	1.4	0.6	0.8	1.5	0.4	0.2	1.3	M10X30
OLU08B	5.8	9.8	8.9	6.7	2.1	8.1	0.6	0.2	1.1	1.7	M8	1.5	0.9	1.0	1.8	0.5	0.3	1.4	M12X35
OLU10B	6.2	11	9.8	8.7	3.0	10	0.1	0.2	1.2	2.2	M10	1.7	1.2	1.2	2.0	0.7	0.4	1.6	M12X35

KCM

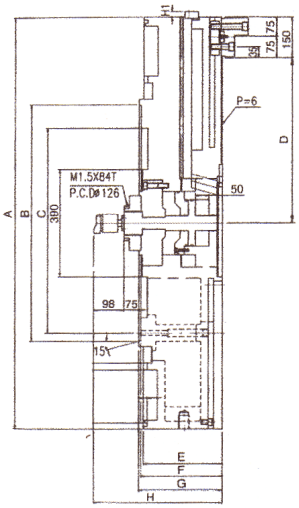
Extra Large Combination Hydraulic Chucks

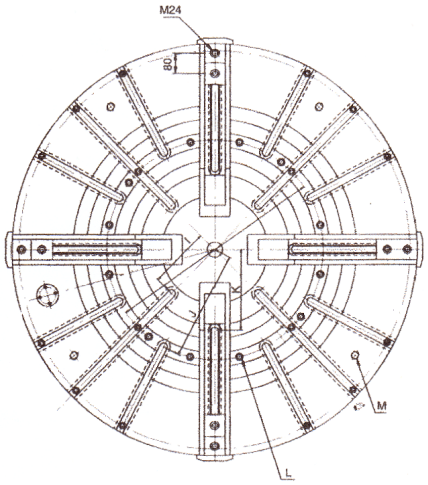




Features:

Made of highly durable cast steel & precision processed, excellent durability.
Can be from 2 to 8 jaws, long jaw stroke.
Coupled with rotating cylinder which reduces cost and makes assembly easier.
Jaws actuate simultaneously. No need to measure centerline of work piece.
Saves labor and time.
Superior clamping force



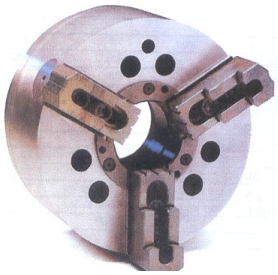


Dimensions

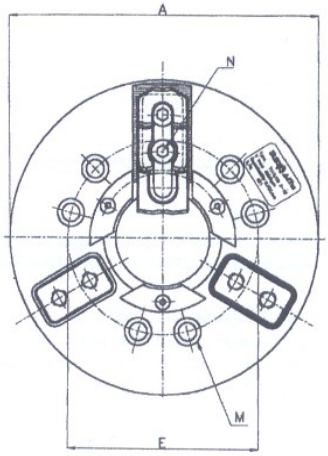
	A	B	C	D	E	F	G	H	I	J	K	L	M
L35	35.5	20.470	18.251	11.811	-	9.055	9.370	15.866	-	8.858	11.023	6-M24	M24
L40	39	20.470	18.251	13.780	-	9.055	9.370	15.866	-	8.858	11.023	6-M24	M24
L45	45	20.470	18.251	16.732	-	9.055	9.370	15.866	-	8.858	11.023	6-M24	M24
L50	49	33.858	31.496	18.700	11.417	11.811	12.125	18.622	8.858	29.528	11.614	6-M24	M30
L55	55	33.858	31.496	21.653	11.417	11.811	12.125	18.622	8.858	31.496	11.614	6-M24	M30
L60	59	33.858	31.496	23.622	11.417	11.811	12.125	18.622	8.858	31.496	11.614	12-M24	M30

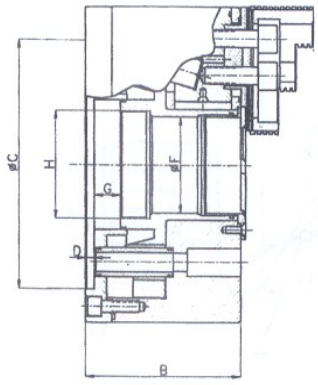
KCM

Sealed Power Chucks

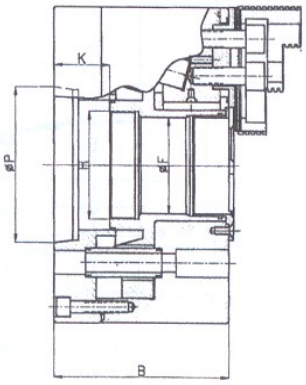


Standard Dimensions
Replaceable with most standard chucks
High Accuracy
High Reliability
Sealed
No Lubrication





Cylindrical Spindle Mount



DIN 55026 Spindle Mount

Model	7110/24	7110/24-A3	7130/26	7130/26-A4	7152/38	7152/38-A5	7170/52	7170/52-A5	7203/56	7203/56-A6	7215/66	7215/66-A6	7254/86	7254/86-A8
ΦA	110	110	130	130	152.4	152.4	170	170	203.2	203.2	215	215	254	254
B	70	79	84	91	93	103	93	103	116	120	119	122	131	134
ΦC +0.02	85	-	110	-	120	-	140	-	170	-	170	-	220	-
D	4	-	4	-	5	-	5	-	5	-	5	-	5	-
ΦE	70.6	70.6	82.6	82.6	104.8	104.8	104.8	104.8	133.4	133.4	133.4	133.4	171.4	171.4
ΦF	24	24	26	26	38	38	52	52	56	56	66	66	86	86
G Max	5.5	-	3	-	15	-	15	-	25	-	30	-	35	-
G Min	-6.5	-	-9	-	-1	-	-1	-	6	-	10	-	11	-
H	M32 x 1.5	M32 x 1.5	M40 x 1.5	M40 x 1.5	M46 x 1.5	M46 x 1.5	M63 x 1.5	M63 x 1.5	M68 x 1.5	M68 x 1.5	M74 x 1.5	M74 x 1.5	M94 x 1.5	M94 x .15
K Max	-	18.5	-	25	-	30	-	31	-	34	-	39	-	44
K Min	-	6.5	-	13	-	14	-	15	-	15	-	20	-	20
M	3-M10	3-M10	3-M10	3-M10	6-M10	6-M10	6-M10	6-M10	6-M12	6-M12	6-M12	6-M12	6-M16	6-M16
N	6-M8	6-M8	6-M8	6-M8	6-M8	6-M8	6-M8	6-M8	6-M12	6-M12	6-M12	6-M12	6-M12	6-M12
ΦP	-	53.975	-	63.513	-	82.557	-	82.557	-	106.377	-	106.377	-	139.719

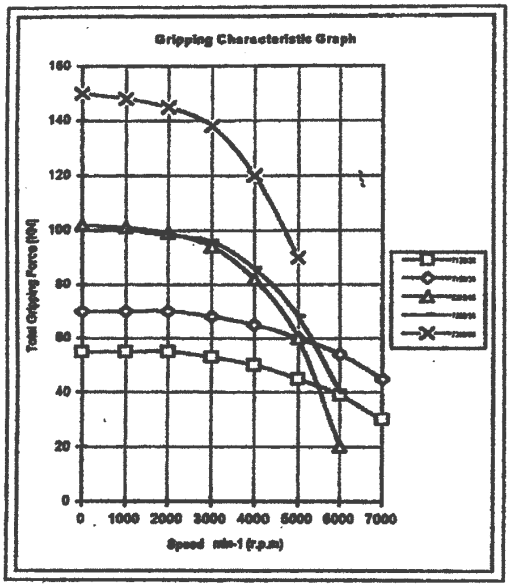
KCM

Sealed Power Chucks

Standard Features:
Sealed Chuck– Protecting the chuck from abrasive and corrosive materials.
High Repeatability
Variable Pressure-Variable working pressure for fragile workpieces.
High Speed
Lubricated-Chucks are factory packed with grease and do not need periodic greasing, saving time and money.
Interchangeable Parts– Cylindrical patented design allows the interchanging of parts. No matching of numbered parts required.
High Gripping Force
High Reliability
Long Life

The ideal chucking solution for grinding, milling and accurate workpiece gripping solutions.

GRIPPING CHARACTERISTIC GRAPH



Model	7130/26	7150/38	7200/56	7215/66	7250/86
Through-hole Dia	26	38	56	66	86
Repeatability	0.002	0.002	0.002	0.002	0.002
Jaw Stroke	6.4	7	10	10	12.4
Outside Dia (Gripping Range)	5-135	5-155	28-190	34-204	34-260
Inside Dia (Gripping Range)	35.160	35-170	52-240	90-260	76-290
Max Pull Force (KN)	25	30	45	45	65
Max Gripping Force	55	70	100	100	150
Plunger Stroke (mm)	12.5	13.5	18.5	18.5	24
Matching Soft Top Jaws	7600 Series	7600 Series	7600 Series	7600 Series	7600 Series
Matching Hard Top Jaws	7500 Series	7500 Series	7500 Series	7500 Series	7500 Series
Max Speed Min (rpm)	7500	7500	6000	5500	4800
Weight (kg)	7	11	20	22	40

Kalamazoo Chuck Manufacturing and Service Center recommends the following grease be used on all of our chucks:

GLEITMO 805 805k – White Heavy Duty Grease Pastes

Customers will receive the following benefits from using this grease:

LONG TERM LUBRICATION UNDER EXTREME CONDITIONS AND FOR ASSEMBLY

WITHSTANDS EXTREME PRESSURES

HAS A LOW CONEFFICIENT OF FRICTION

REDUCES WEAR TO A MINIMUM

ADHERES EXTREMELY WELL

PROTECTS AGAINST CORROSION AND IS WATER RESISTANT

PREVENTS FRETTING CORROSION

AVOIDS STICK SLIP EFFECTS AND SEIZING

IS CLASSIFIED AS NON TOXIC