







CHUCK · CLAMPS · CYLINDER

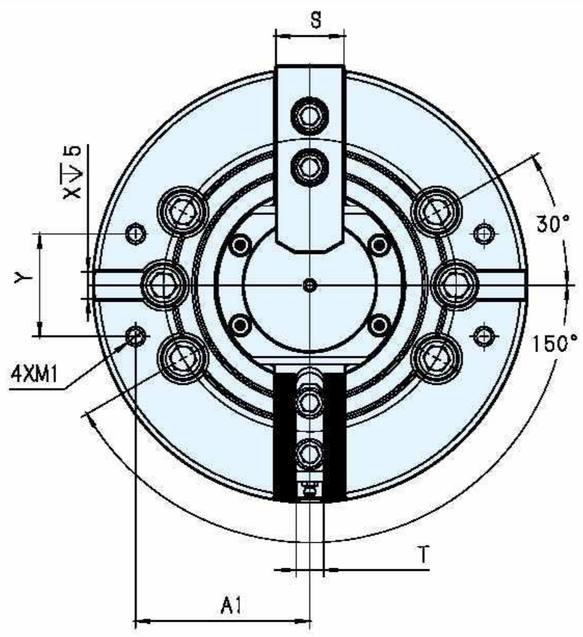
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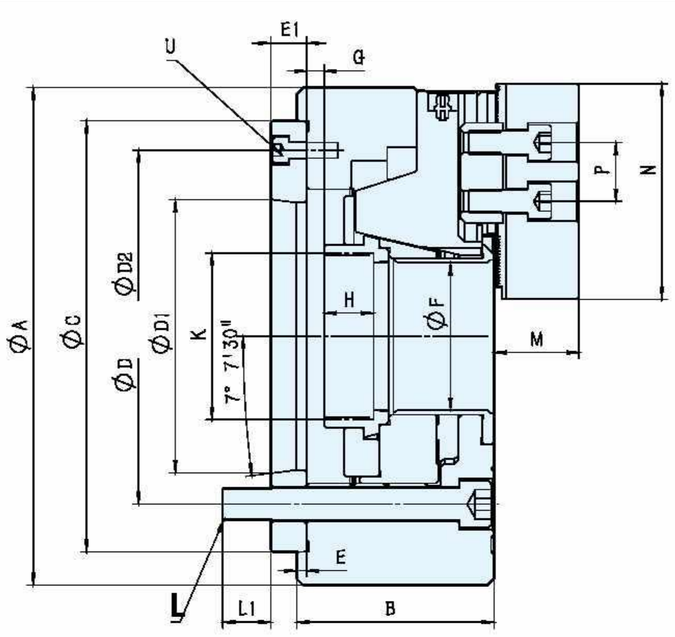
KT

Hollow two-jaw power chuck

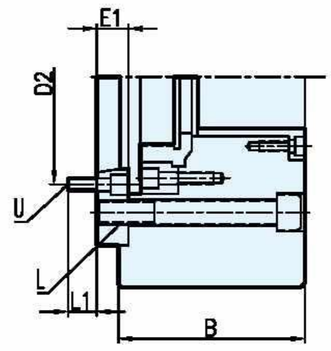


- The wedge-shaped through-hole chuck meets the Japanese and Taiwanese standards.
- All sliding surfaces adopt hardened treatment and precision grinding.
- High rigidity structure and high clamping accuracy.





KT08-2 A5
KT10-2 A6



Size parameter

Spec.		A	B	C	D	D1	D2	E	E1	F	Gmax.	Gmin.	H
KT04-2		110	59	85	70.6	—	—	4	—	26	3.5	-6.5	17.5
KT05-2	A4	135	60	110	82.6	63.51	96	4	20	33	1	-9	20
KT06-2	A5	165	81	140	104.8	82.56	116	5	15	45	11	-1	19
KT08-2	A5	210	91	170	133.4	82.56	104.8	5	23	52	14.5	-1.5	20.5
KT08-2	A6	210	91	170	133.4	106.38	150	5	17	52	14.5	-1.5	20.5
KT10-2	A6	254	100	220	171.4	106.38	133.4	5	25	75	9	10	25
KT10-2	A8	254	100	220	171.4	139.72	190	5	18	75	9	10	25
KT12-2	A8	304	110	220	171.4	139.72	190	6	18	91	8	-15	28

规格 Spec.		Kmax.	L	L1		M	N	P	S	T	U	X	Y	A1	4-M1
KT04-2		M32×1.5	4-M10	16		24	52	14	25	10	—	—	—	—	—
KT05-2	A4	M40×1.5	4-M10	15	15	31	62	14	25	10	3-M6	12	30	53	M8
KT06-2	A5	M55×2	6-M10	16	16	37	73	20	31	12	3-M6	16	36	65	M8
KT08-2	A5	M60×2	6-M12	20	17	38	95	25	35	14	6-M10	16	45	80	M8
KT08-2	A6	M60×2	6-M12	20	18	38	95	25	35	14	3-M6	16	45	80	M8
KT10-2	A6	M85×2	6-M16	22	18	43	110	30	40	16	6-M12	16	60	102	M10
KT10-2	A8	M85×2	6-M16	22	24	43	110	30	40	16	3-M8	16	60	102	M10
KT12-2	A8	M100×2	6-M16	23	25	51	130	30	50	21	3-M8	20	60	115	M10

Performance parameters

		mm	mm	Chucking Dia.mm		KN(kgf)	(kgf)	min-1(r.p.m)	l	kg			
Spec.		Plunger stroke	Jaw stroke (Dia.)	Max.	Min.	Max.D.B.pull	Max.clamping force	Max.speed	$Kg.m^2$	Weight		Matching cyl.	Max.pressure Mpa(kgf/cm^2)
KT04-2		10	5.4	110	7	9.2(940)	18.9(1930)	8000	0.01	3.8		TK428	1.6(16)
KT05-2	A4	10	5.4	135	12	11.7(1190)	23.9(2440)	7000	0.02	6.5	7.3	TK536	2.0(20)
KT06-2	A5	12	5.5	168	15	14.4(1470)	37.9(3870)	6000	0.06	11.5	13.3	TK646	1.9(19)
KT08-2	A5	16	7.4	210	13	23.1(2360)	57.2(5840)	5000	0.17	21.3	24.2	TK852	1.9(19)
KT08-2	A6	16	7.4	210	13	23.1(2360)	57.2(5840)	5000	0.17	21.3	22.4	TK852	1.9(19)
KT10-2	A6	19	8.8	254	31	28.4(2900)	73.9(7540)	4200	0.31	33.5	40.5	TK1075	1.8(18)
KT10-2	A8	19	8.8	254	31	28.4(2900)	73.9(7540)	4200	0.31	33.5	39	TK1075	1.8(18)
KT12-2	A8	23	10.6	304	34	36.7(3740)	95.8(9780)	3300	0.70	59.7	62.7	TK1291	1.8(18)

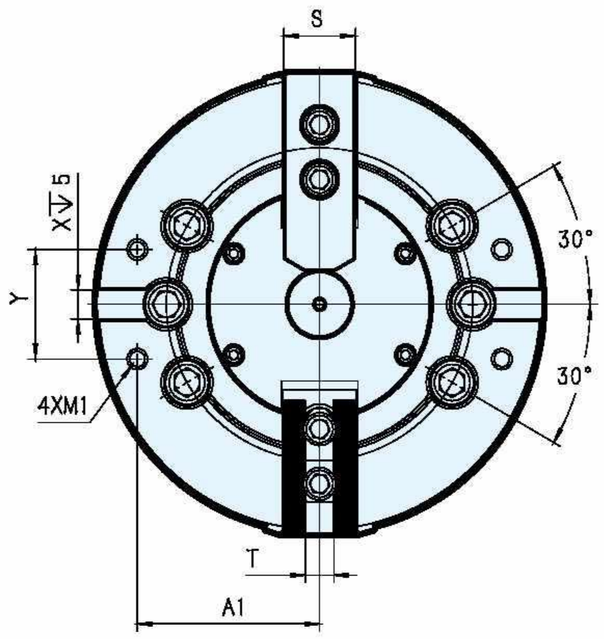
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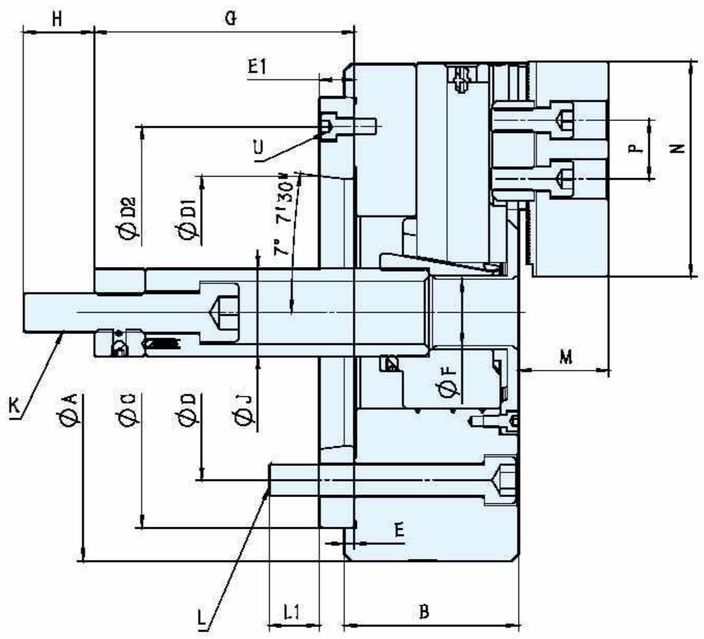
KY-2

Solid two-jaw power chuck

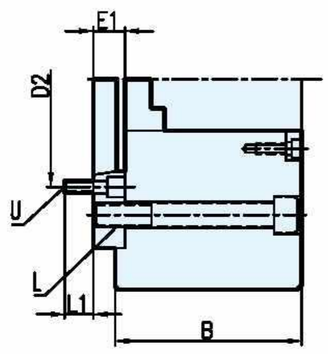


- The wedge-shaped solid chuck is in line with Japanese and Taiwanese standards.
- All sliding surfaces adopt hardened treatment and precision grinding.
- High rigidity structure and high clamping accuracy.





KY08-2 A5
KY10-2 A6



Size parameter

Spec.		A	B	C	D	D1	D2	E	E1	F	Gmax.	Gmin.	H
KY05-2		135	55	80	100	—	—	7	—	—	9	-6	35
KY06-2	A5	165	74	140	104.8	82.56	116	5	15	21	102	82	36
KY08-2	A5	210	85	170	133.4	82.56	104.8	5	23	25	127	106	36
KY08-2	A6	210	85	170	133.4	106.38	150	5	17	25	127	106	36
KY10-2	A6	254	89	220	171.4	106.38	133.4	5	25	34	158	133	36
KY10-2	A8	254	89	220	171.4	139.72	190	5	18	34	158	133	36
KY12-2	A8	304	106	220	171.4	139.72	190	6	18	34	163	133	36

Spec.		J	Kmax.	L	L1		M	N	P	S	T	U	X	Y	A1	4-M1
KY05-2		28	M12×1.75	4-M8	14		31	62	14	25	10	—	—	30	52	M8
KY06-2	A5	34	M16×2	6-M10	17	14	39	73	20	31	12	3-M6	16	36	68	M8
KY08-2	A5	38	M20×2.5	6-M12	18	17	41	95	25	35	14	6-M10	16	45	80	M8
KY08-2	A6	38	M20×2.5	6-M12	18	18	41	95	25	35	14	3-M6	16	45	80	M8
KY10-2	A6	45	M20×2.5	6-M16	25	18	46	110	30	40	16	6-M12	16	60	102	M10
KY10-2	A8	45	M20×2.5	6-M16	25	25	46	110	30	40	16	6-M8	16	60	102	M10
KY12-2	A8	50	M20×2.5	6-M16	25	25	54	130	30	50	18 or 21	6-M8	20	60	105	M10

Performance parameters

		mm	mm	Chucking Dia.mm		KN(kgf)	KN(kgf)	min−1(r.p.m)	l	kg			
Spec.		Plunger stroke	Jaw stroke (Dia.)	Max.	Min.	Max.D.B.pull	Max.clamping force	Max.speed	$Kg.m^2$	Weight		Matching cyl.	Max.pressure $Mpa(kgf/cm^2)$
KY05-2		15	6.4	135	14	5.3(540)	16.7(1700)	5500	0.02	5.8		RH80	1.5(15)
KY06-2	A5	20	8.5	165	14	12(1220)	35(3570)	5000	0.04	12	13	RH100	2.0(20)
KY08-2	A5	21	8.8	210	17	16.5(1680)	50(5100)	4750	0.13	22	26	RH125	1.7(17)
KY08-2	A6	21	8.8	210	17	16.5(1680)	50(5100)	4750	0.13	22	25	RH125	1.7(17)
KY10-2	A6	25	8.8	254	22	19.4(1980)	71.5(7300)	3500	0.29	33	42	RH125	2.0(20)
KY10-2	A8	25	8.8	254	22	19.4(1980)	71.5(7300)	3500	0.29	33	40	RH125	2.0(20)
KY12-2	A8	30	10.5	304	22	27.4(2800)	103.9(10600)	3360	0.70	57	61	RH150	2.0(20)

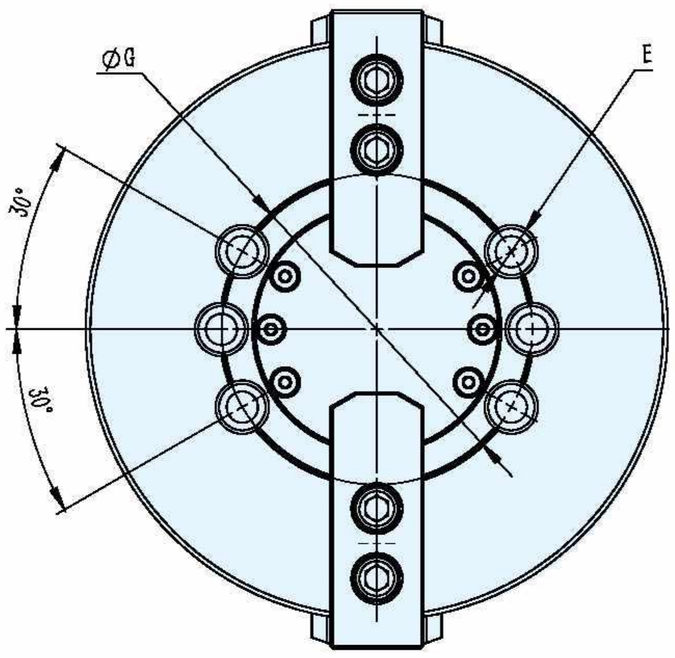
Notes: data in red is size for Type-A.

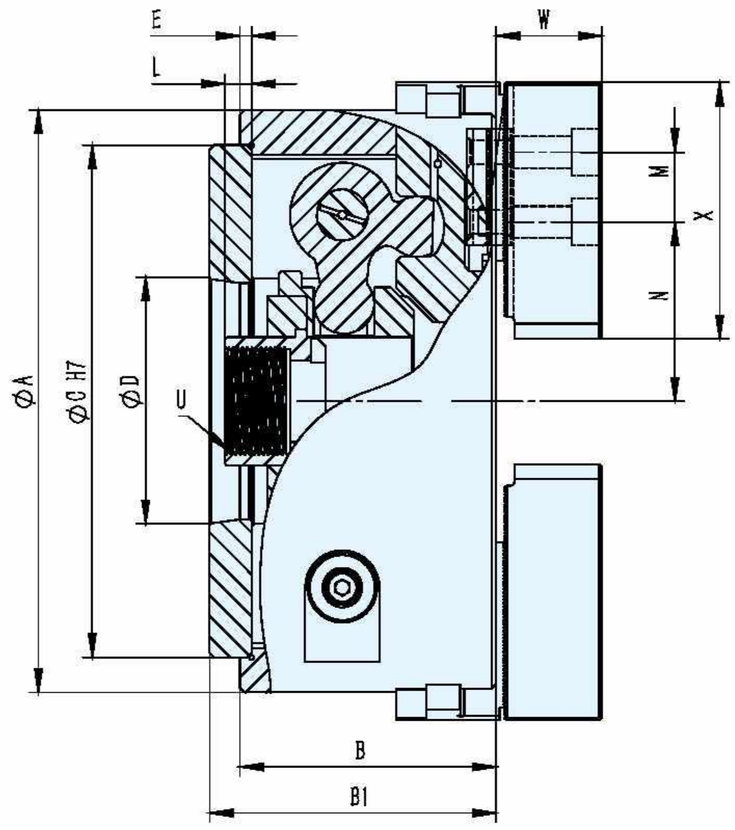
KD-2

Oversized-stroke 2-claw chunk



- It is a kind of crank-type oversized-stroke 2-claw chunk, with large clamping force, applicable to processing of square object and foreign matter, and heavy cutting.





Size parameter

Spec.	A (mm)	B (mm)	B1	C(H7) (mm)	D (mm)	E (mm)	G (mm)	M (mm)
KD06-2	165	80	90	140	82.563	6-M10	104.8	20
KD08-2	215	93	99	170	106.375	6-M12	133.4	25
KD10-2	254	111	123	220	139.719	6-M12	133.4	30
KD12-2	304	130	143	220	196.869	6-M16	171.4	30

Spec.	N max. (mm)	N min. (mm)	P (mm)	Q (mm)	L max. (mm)	L min. (mm)	R (mm)	U (mm)	W (mm)	X (mm)
KD06-2	56	41	3	31	24	12	12	M30×2	33	73
KD08-2	75.3	56.7	5	35	19	0.5	14	M45×2	40	95
KD10-2	87.3	62.5	5	40	23	-2	16	M65×2	45	110
KD12-2	116.5	76.5	5	50	8	-17	21	M72×2	56	130

Performance parameters

		mm				Gripping Range (mm)			kg
Spec.	Plunger Stroke (mm)	Jaw stroke (DIA.mm)	Max.Speed (min^{-1})	Max.Pull Force Kgf(KN)	Max.Gripping Force Kgf(KN)	Max.	Min.	Max.Pressure Kgf/cm^2(Mpa)	Weight
KD06-2	15	24	3600	1850(18.1)	1300(12.6)	165	10	19(1.9)	11.8
KD08-2	20	32	3000	2100(20.1)	1920(18.5)	210	28	16(1.6)	23.3
KD10-2	25	40	2400	3020(29.5)	2700(26.3)	254	42	19(1.9)	34
KD12-2	25	45	2100	3680(36)	3600(35)	304	54	18.5(1.8)	60.2

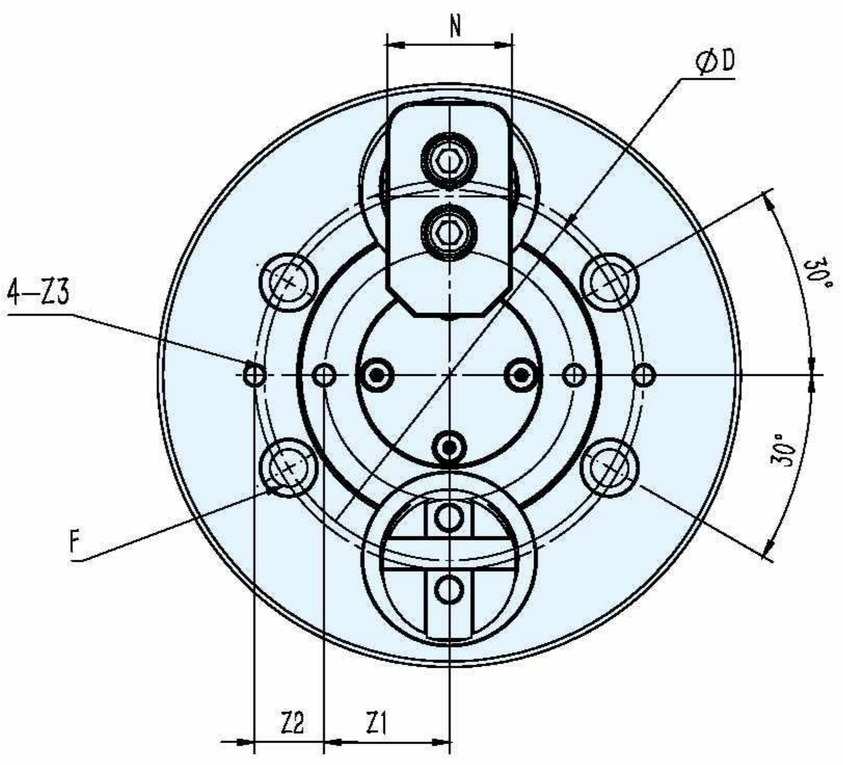
The above data are the standard parameters, personalized customized solutions can be provided according to customer's requirement.

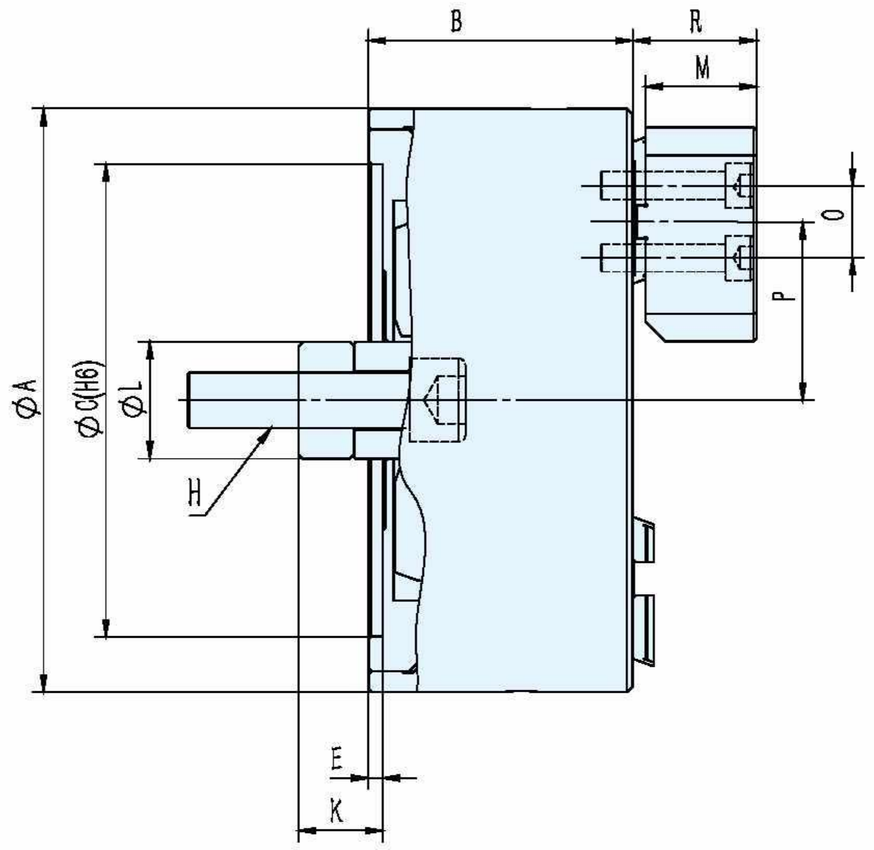
KX

Two-jaw post-tensioning type oil pressure chuck



- Back-pull clamping, applicable to processing of parts with higher requirements for verticality and parallelism, with wide clamping range; it can be used in different range by replacing 3 claws; use connecting flange.





Size parameter

Spec.	A (mm)	B (mm)	C(G7) (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	J (mm)	K max. (mm)	K min. (mm)	L (mm)
KX160-2	165	85	140	104.8	5	4-M10	16	M16×2P	36	37	27	40
KX200-2	210	95	170	133.4	5	6-M12	18	M20×2.5P	36	30	20	42
KX250-2	254	110	220	171.4	5	6-M16	12	M20×2.5P	46	47	32	50

Spec.	M (mm)	N (mm)	O (mm)	P max. (mm)	P min. (mm)	Q (mm)	R max. (mm)	R min. (mm)	Z1 (mm)	Z2 (mm)	Z3 (mm)
KX160-2	30	35	22	55.2	52.5	70	48	38	35	20	M6
KX200-2	40	40	26	67.9	64.3	84	68	54.6	45	25	M8
KX250-2	46	50	32	85	79.6	100	65	50	55	30	M8

Performance parameters

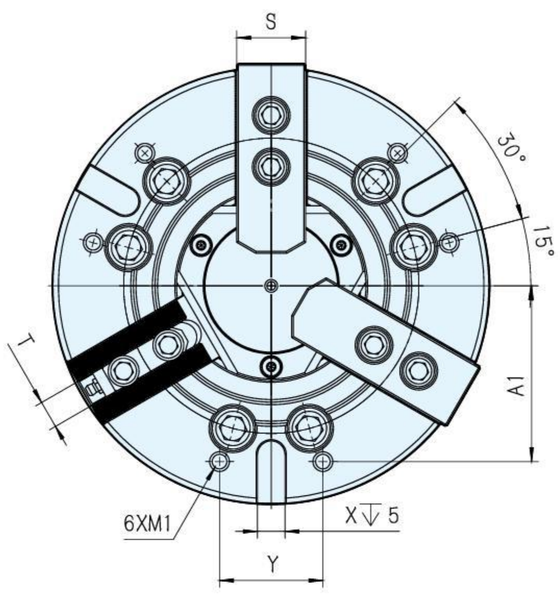
Spec.	Plunger Stroke (mm)	Jaw Stroke (DIA.mm)	Max.Speed (min^{-1})	Max.Pull Force Kgf(KN)	Max.Gripping Force Kgf(KN)	Matching Cylinder	Gripping Range (mm)	Max.Pressure Kgf/cm^2(Mpa)	Weight
KX160-2	10	5.0	3500	1360(13.3)	3045(29.8)	RH100	30~160	22(2.2)	14
KX200-2	10	7.2	3000	2500(24.5)	4820(48.2)	RH125	40~210	25.5(2.5)	26
KX250-2	15	10.8	2500	3500(34)	6118(60)	RH125	50~254	34(3.3)	43

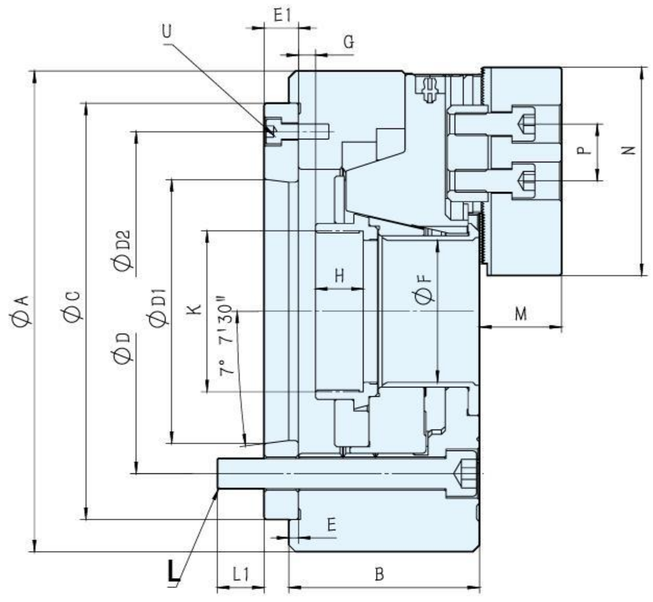
KT

Hollow three-jaw power chuck

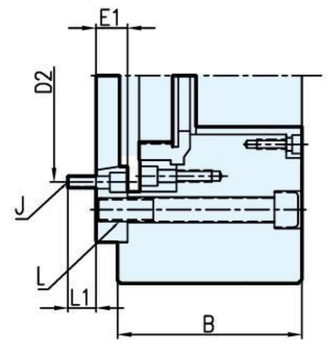


- The wedge-shaped through-hole chuck meets the Japanese and Taiwanese standards.
- All sliding surfaces adopt hardened treatment and precision grinding.
- High rigidity structure and high clamping accuracy.





KT06-3 A4
KT08-3 A5
KT10-3 A6



Size parameter

Spec.		A	B	C	D	D1	D2	E	E1	F	G1	G2	H
KT04-3		110	59	85	70.6	—	—	4	—	26	3.5	-6.5	17.5
KT05-3	A4	135	60	110	82.6	63.51	96	4	20	33	1	-9	20
KT06-3	A4	165	81	140	104.8	63.51	116	5	20	45	11	-1	19
KT06-3	A5	165	81	140	104.8	82.56	116	5	15	45	11	-1	19
KT08-3	A5	210	91	170	133.4	82.56	104.8	5	23	52	14.5	-1.5	20.5
KT08-3	A6	210	91	170	133.4	106.38	150	5	17	52	14.5	-1.5	20.5
KT10-3	A6	254	100	220	171.4	106.38	133.4	5	25	75	9	-10	25
KT10-3	A8	254	100	220	171.4	139.72	190	5	18	75	9	-10	25
KT12-3	A8	304	110	220	171.4	139.72	190	6	18	91	8	-15	28
KT15-3	A8	381	133	300	235	139.72	171.4	6	33	120	11	-12	42.5
KT15-3	A11	381	133	300	235	196.87	260	6	22	120	11	-12	42.5

Spec.		Kmax.	L	L1		M	N	P	S	T	U	X	Y	A1	6-M1
KT04-3		M32×1.5	3-M10	16		24	52	14	25	10	—	—	—	—	—
KT05-3	A4	M40×1.5	3-M10	15	15	31	62	14	25	10	3-M6	—	30	53	M8
KT06-3	A4	M55×2	6-M10	16	16	37	73	20	31	12	6-M10	16	36	65	M8
KT06-3	A5	M55×2	6-M10	16	16	37	73	20	31	12	3-M6	16	36	65	M8
KT08-3	A5	M60×2	6-M12	20	17	38	95	25	35	14	6-M10	16	45	80	M8
KT08-3	A6	M60×2	6-M12	20	18	38	95	25	35	14	3-M6	16	45	80	M8
KT10-3	A6	M85×2	6-M16	22	18	43	110	30	40	16	6-M12	16	60	102	M10
KT10-3	A8	M85×2	6-M16	22	24	43	110	30	40	16	3-M8	16	60	102	M10
KT12-3	A8	M100×2	6-M16	23	25	51	130	30	50	21	3-M8	20	60	115	M10
KT15-3	A8	M130×2	6-M20	30	24	63	165	43	62	25.5 or 22	6-M16	20	80	150	M12
KT15-3	A11	M130×2	6-M20	30	28	63	165	43	62	25.5 or 22	3-M10	20	80	150	M12

Performance parameters

		mm	mm	Chucking Dia.mm		KN(kgf)	KN(kgf)	min−1(r.p.m)	I	kg			
Spec.		Plunger stroke	Jaw stroke (Dia.)	Max.	Min.	Max.D.B.pull	Max.clamping force	Max.speed	$Kg.m^2$	Weight		Matching cyl.	Max.pressure $Mpa(kgf/cm^2)$
KT04-3		10	5.4	110	7	13.7(1400)	28.4(2900)	8000	0.01	4		TK428	2.3(23)
KT05-3	A4	10	5.4	135	12	17.1(1750)	35.8(3650)	7000	0.02	6.7	7.5	TK536	2.9(29)
KT06-3	A4	12	5.5	168	15	21.5(2200)	56.8(5800)	6000	0.06	11.9	14.3	TK646	2.8(28)
KT06-3	A5	12	5.5	168	15	21.5(2200)	56.8(5800)	6000	0.06	11.9	13.7	TK646	2.8(28)
KT08-3	A5	16	7.4	210	13	34.3(3500)	85.8(8750)	5000	0.18	22.5	25.4	TK852	2.8(28)
KT08-3	A6	16	7.4	210	13	34.3(3500)	85.8(8750)	5000	0.18	22.5	23.6	TK852	2.8(28)
KT10-3	A6	19	8.8	254	31	42.6(4380)	110.7(11300)	4200	0.33	34.5	41.5	TK1075	2.7(27)
KT10-3	A8	19	8.8	254	31	42.6(4380)	110.7(11300)	4200	0.33	34.5	40	TK1075	2.7(27)
KT12-3	A8	23	10.6	304	34	54.9(5600)	143.6(14650)	3300	0.77	56.6	59.5	TK1291	2.7(27)
KT15-3	A8	23	10.6	381	50	71(7250)	179.8(18350)	2500	2.47	120	134	TK1512	2.1(22)
KT15-3	A11	23	10.6	381	50	71(7250)	179.8(18350)	2500	2.39	120	127	TK1512	2.1(22)

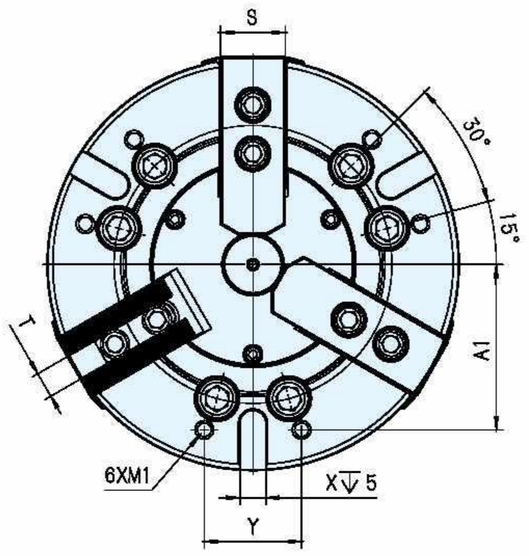
Notes: data in red is size for Type-A.

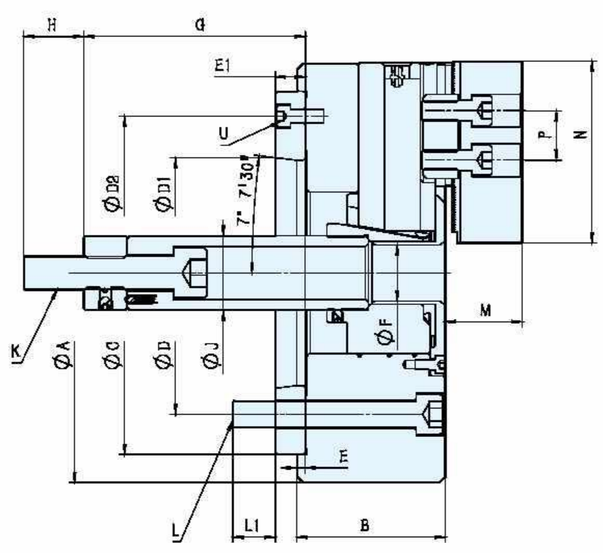
KY-3

Solid three-jaw power chuck

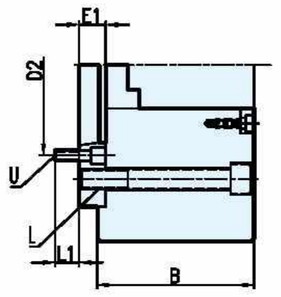


- The wedge-shaped solid chuck is in line with Japanese and Taiwanese standards.
- All sliding surfaces adopt hardened treatment and precision grinding.
- High rigidity structure and high clamping accuracy.





KY06-3 A4
KY08-3 A5
KY10-3 A6



Size parameter

Spec.		A	B	C	D	D1	D2	E	E1	F	Gmax.	Gmin.	H	J
KY05-3		135	65	110	82.6	—	—	7	—	—	9	-6	35	28
KY06-3	A4	165	74	140	104.8	63.51	116	5	20	21	102	82	36	34
KY06-3	A5	165	74	140	104.8	82.56	116	5	15	21	102	82	36	34
KY08-3	A5	210	85	170	133.4	82.56	104.8	5	23	25	127	106	36	38
KY08-3	A6	210	85	170	133.4	106.38	150	5	17	25	127	106	36	38
KY10-3	A6	254	89	220	171.4	106.38	133.4	5	25	34	158	133	36	45
KY10-3	A8	254	89	220	171.4	139.72	190	5	18	34	158	133	36	45
KY12-3	A6	304	106	220	171.4	106.38	133.4	6	25	34	163	133	36	50
KY12-3	A8	304	106	220	171.4	139.72	190	6	18	34	163	133	36	50

Spec.		Kmax.	L	L1		M	N	P	S	T	U	X	Y	A1	6-M1
KY05-3		M12×1.75	3-M8	14		31	62	14	25	10	—	12	30	52	M8
KY06-3	A4	M16×2	6-M10	17	13	39	73	20	31	12	6-M10	16	36	68	M8
KY06-3	A5	M16×2	6-M10	17	14	39	73	20	31	12	3-M6	16	36	68	M8
KY08-3	A5	M20×2.5	6-M12	18	17	41	95	25	35	14	6-M10	16	45	80	M8
KY08-3	A6	M20×2.5	6-M12	18	18	41	95	25	35	14	3-M6	16	45	80	M8
KY10-3	A6	M20×2.5	6-M16	25	18	46	110	30	40	16	6-M12	16	60	102	M10
KY10-3	A8	M20×2.5	6-M16	25	25	46	110	30	40	16	3-M8	16	60	102	M10
KY12-3	A6	M20×2.5	6-M16	25	18	54	130	30	50	18 or 21	6-M12	20	60	105	M10
KY12-3	A8	M20×2.5	6-M16	25	25	54	130	30	50	18 or 21	3-M8	20	60	105	M10

Performance parameters

		mm	mm	Chucking Dia.mm		KN(kgf)	KN(kgf)	min−1(r.p.m)	I	kg			
Spec.		Plunger stroke	Jaw stroke (Dia.)	Max.	Min.	Max.D.B.pull	Max.clamping force	Max.speed	$Kg.m^2$	Weight		Matching cyl.	Max.pressure $Mpa(kgf/cm^2)$
KY05-3		15	6.4	135	14	8.1(830)	25(2550)	5500	0.02	6.2		RH80	2.2(22)
KY06-3	A4	20	8.5	165	14	17.9(1830)	52.4(5350)	5000	0.05	13	14.6	RH100	3.0(30)
KY06-3	A5	20	8.5	165	14	17.9(1830)	52.4(5350)	5000	0.05	13	14	RH100	3.0(30)
KY08-3	A5	21	8.8	210	17	25(2550)	74.5(7600)	4750	0.14	24	28	RH125	2.6(26)
KY08-3	A6	21	8.8	210	17	25(2550)	74.5(7600)	4750	0.14	24	27	RH125	2.6(26)
KY10-3	A6	25	8.8	254	22	28.9(2950)	107.8(11000)	3500	0.30	35	42	RH125	3.0(30)
KY10-3	A8	25	8.8	254	22	28.9(2950)	107.8(11000)	3500	0.30	35	40	RH125	3.0(30)
KY12-3	A6	30	10.5	304	22	41(4180)	155.8(15900)	3360	0.73	59	65	RH150	3.0(30)
KY12-3	A8	30	10.5	304	22	41(4180)	155.8(15900)	3360	0.73	59	63	RH150	3.0(30)

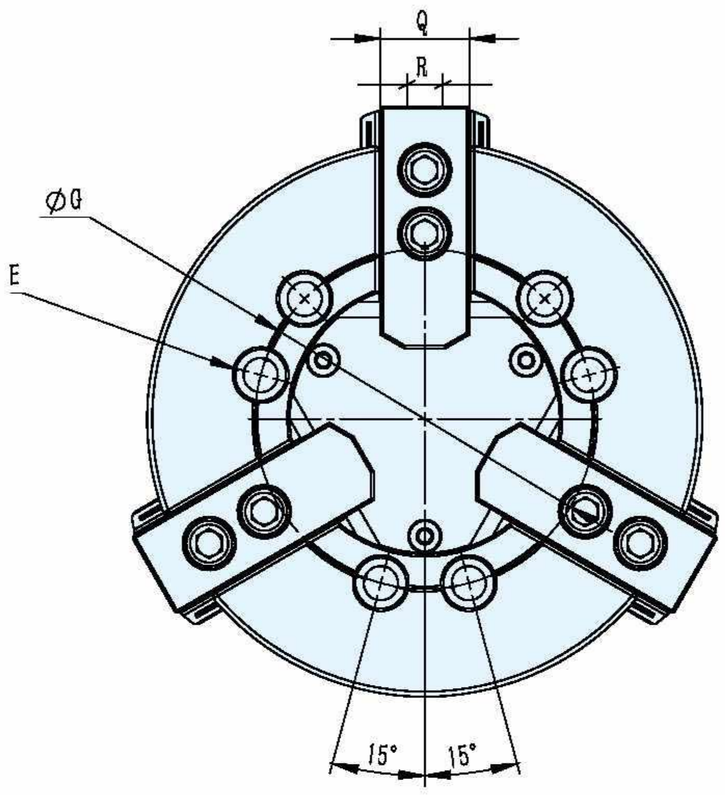
Notes: data in red is size for Type-A.

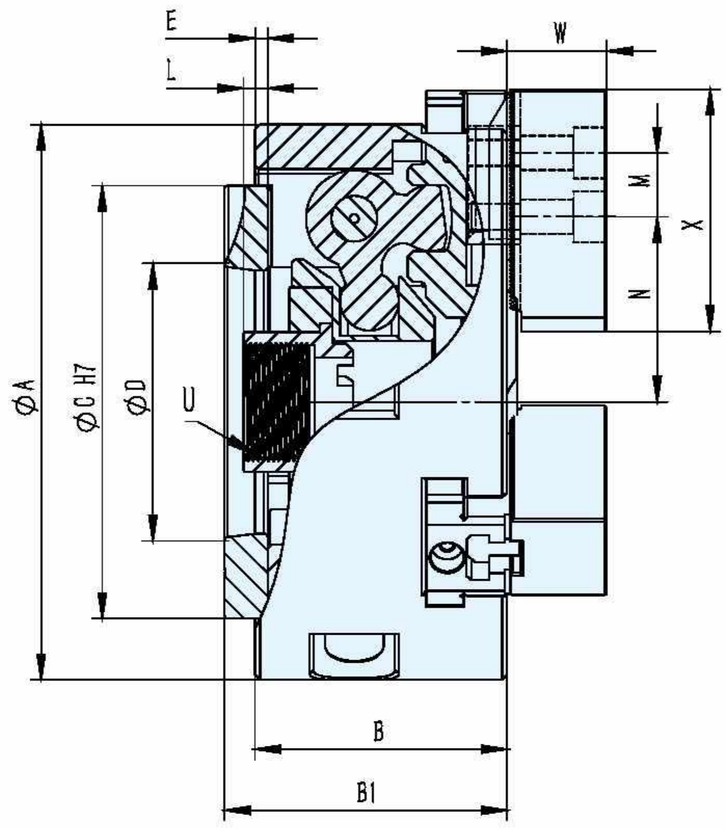
KD

Oversized-stroke 3-claw chunk



- It is a kind of crank-type oversized stroke 3-claw chunk, with large clamping force, applicable to heavy cutting.





Size parameter

Spec.	A (mm)	B (mm)	B1	C(H7) (mm)	D (mm)	E (mm)	G (mm)	M (mm)
KD06-3	165	80	90	140	82.563	6-M10	104.8	20
KD08-3	215	93	111	170	106.375	6-M12	133.4	25
KD10-3	254	111	123	220	139.719	6-M12	133.4	30
KD12-3	304	130	143	220	196.869	6-M16	171.4	30

Spec.	N max. (mm)	N min. (mm)	P (mm)	Q (mm)	L max. (mm)	L min. (mm)	R (mm)	U (mm)	W (mm)	X (mm)
KD06-3	56	41	3	31	20	8	12	M30×2	34	73
KD08-3	77.7	56.7	5	35	1	0.5	14	M45×2	39	95
KD10-3	91	62.5	5	40	18	-5.5	16	M65×2	40	110
KD12-3	116	76.2	5	50	8	-18	21	M72×2	56	130

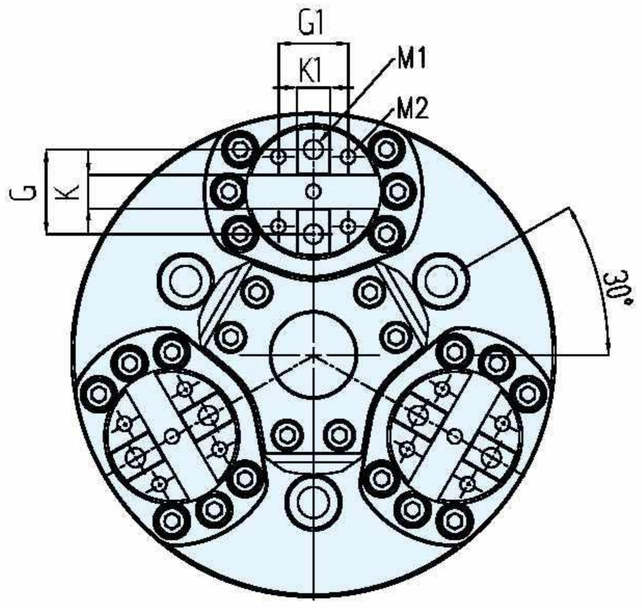
Performance parameters

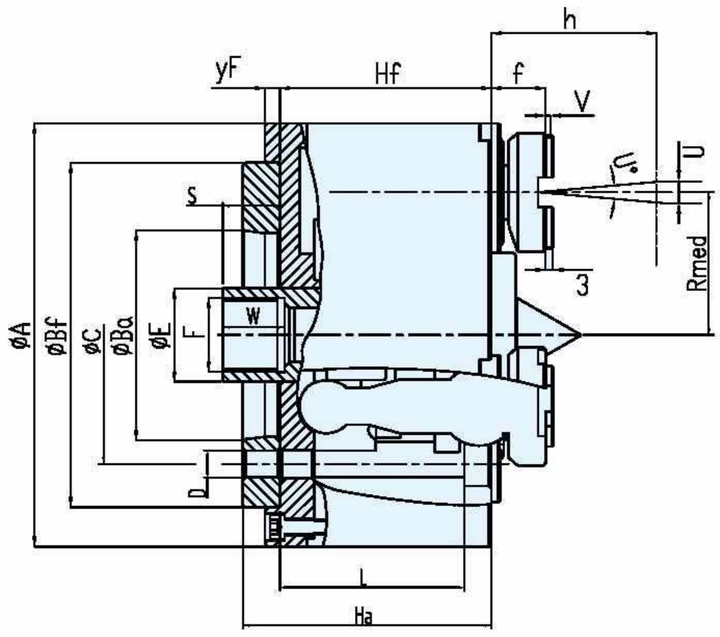
Spec.	Plunger Stroke (mm)	Jaw Stroke (DIA.mm)	Max.Speed (min^{-1})	Max.Pull Force Kgf(KN)	Max.Gripping Force Kgf(KN)	Gripping Range (mm)		Max.Pressure Kgf/cm^2(Mpa)	Weight
						Max.	Min.		
KD06-3	15	24	3600	2300(22.6)	2000(19.6)	165	10	26(2.55)	11.5
KD08-3	20	32	3000	3200(31.4)	2800(27.5)	210	28	25.5(2.5)	23.6
KD10-3	25	40	2400	3800(37.3)	3500(34.3)	254	42	29(2.8)	34.5
KD12-3	25	45	2100	5000(49)	4900(48)	304	54	29(2.8)	60.8

KF A

A series floating jaw actuating chuck







Technical features

- Back pull action (ensure axial length)
- Key slot type basic claw (powerful and steady)
- Compensation clamp (the clamping jaw is with multi-directional swing function)
- Centrifugal force compensation (overcome high-speed rotation)

Applications

- Used for tow top ways for machining axis parts
- Clamping is convenient, relying on orientation of center hole for rapid clamping
- The workpiece can be aligned by reference diameter of fixed top, and clamping jaw only provides driving torque and pulls back to a fixed reference point.

Performance parameters

型号 Model		KF160A-3	KFA200A-3	KF250A-3	KF315A-3
A	(mm)	172	212	250	315
Bf	(mm)	140	170	220	220
Ba	(mm)	82.563	106.375	139.719	139.719
C	(mm)	104.8	133.4	171.4	171.4
E	(mm)	38	38	48	48
F	(mm)	M30*1.5	M32*1.5	M38*1.5	M38*1.5
W	(mm)	25	25	25	25
Hf	(mm)	85	102	108	108
Yf	(mm)	5	5	5	5
h Reference Height	(mm)	50	55	70	70
f	(mm)	27	33	33	33
V	(mm)	0.1(0.5)	0.1(0.5)	0.1(0.5)	0.1(0.5)
Ha	(mm)	102	105	110	115
D	(mm)	3-M10	3-M12	3-M16	3-M20
Rmed	(mm)	58	72	84	100
K	(mm)	14	16	18	20
K1	(mm)	12	14	16	18
G	(mm)	30	50	50	60
G1	(mm)	24	28	41	50
M1	(mm)	2-M8	2-M8	2-M12	2-M12
M2	(mm)	4-M6	4-M6	4-M8	4-M10
U ° Angular Travel Of Clamping Jaw	(deg)	5 °	5 °	4 °	4 °
h Radial Travel Of Clamping Jaw-Height	(mm)	5	5	7	7
V Back Pull Travel	(mm)	0.1 (0.5)	0.1 (0.5)	0.1 (0.5)	0.1 (0.5)
Axial Travel Of Piston	(mm)	16	16	18	18
h Compensation Amount (Diameter)-Height	(mm)	± 1	±1.5	±2	±2.5
Max. Clamp Force	(KN)	40	60	95	98
Highest Rotation Speed	(r.p.m)	4500	4000	3500	2800
Recommend to operate together with oil cylinder		RH100	RH125	RH125	RH150
Clamping range (diameter)	(mm)	10-65	10-85	10-90	20-120
Weight (exclude clamping jaw)	(kg)	15.8	26	39.5	68

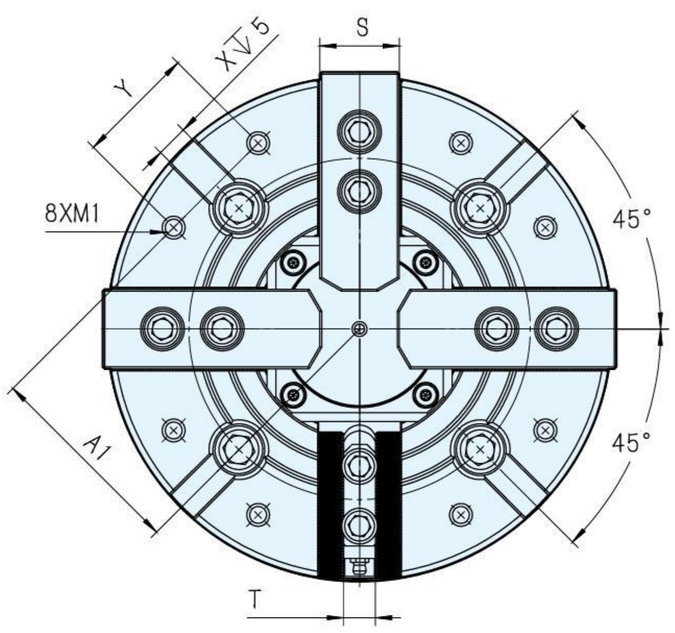
The above data are the standard parameters, personalized customized solutions can be provided according to customer's requirement.

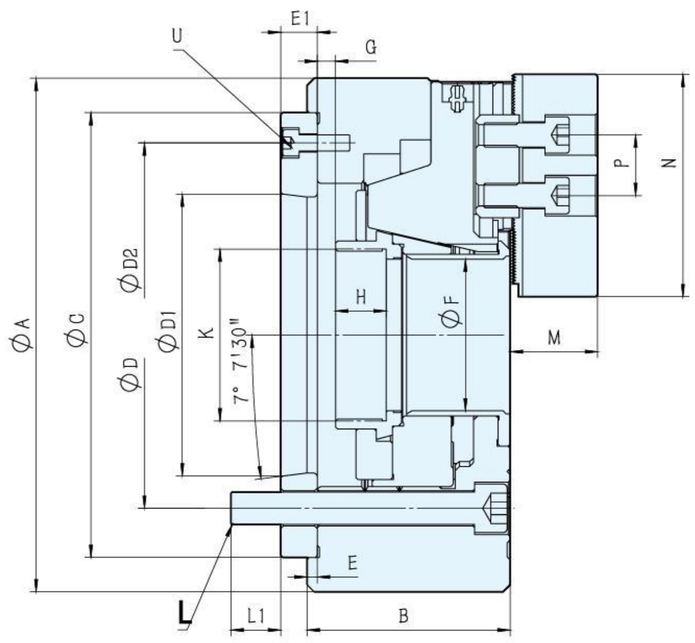
KT

Hollow four-jaw power chuck

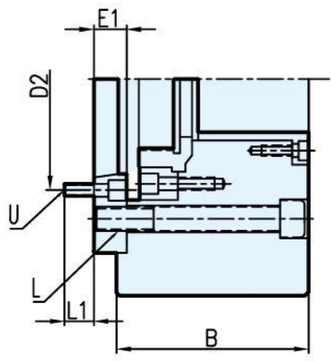


- The wedge-shaped through-hole chuck meets the Japanese and Taiwanese standards.
- All sliding surfaces adopt hardened treatment and precision grinding.
- High rigidity structure and high clamping accuracy.





KT08-4 A5
KT10-4 A6



Size parameter

Spec.		A	B	C	D	D1	D2	E	E1	F	Gmax.	Gmin.	H
KT06-4	A5	165	81	140	104.8	82.56	116	5	15	45	11	-1	19
KT08-4	A5	210	91	170	133.4	82.56	104.8	5	23	52	14.5	-1.5	20.5
KT08-4	A6	210	91	170	133.4	106.38	150	5	17	52	14.5	-1.5	20.5
KT10-4	A6	254	100	220	171.4	106.38	133.4	5	25	75	9	10	25
KT10-4	A8	254	100	220	171.4	139.72	190	5	18	75	9	10	25
KT12-4	A8	304	110	220	171.4	139.72	190	6	18	91	8	-15	28

Spec.		Kmax.	L	L1		M	N	P	S	T	U	X	Y	A1	8-M1
KT06-4	A5	M55×2	4-M10	16	16	37	73	20	31	12	3-M6	16	36	65	M8
KT08-4	A5	M60×2	4-M12	20	17	38	95	25	35	14	6-M10	16	45	80	M8
KT08-4	A6	M60×2	4-M12	20	18	38	95	25	35	14	3-M6	16	45	80	M8
KT10-4	A6	M85×2	4-M16	22	18	43	110	30	40	16	6-M12	16	60	102	M10
KT10-4	A8	M85×2	4-M16	22	24	43	110	30	40	16	3-M8	16	60	102	M10
KT12-4	A8	M100×2	4-M16	23	25	51	130	30	50	21	3-M8	20	60	115	M10

Performance parameters

		mm	mm	Chucking Dia.mm		KN(kgf)	KN(kgf)	min−1(r.p.m)	I	kg			
Spec.		Plunger stroke	Jaw stroke (Dia.)	Max.	Min.	Max.D.B.pull	Max.clamping force	Max.speed	$Kg.m^2$	Weight		Matching cyl.	Max.pressure $Mpa(kgf/cm^2)$
KT06-4	A5	12	5.5	168	15	21.6(2200)	56.8(5800)	5000	0.07	12.5	14.3	TH646	2.8(28)
KT08-4	A5	16	7.4	210	13	34.3(3500)	85.8(8750)	4200	0.19	23.5	25.4	TH852	2.8(28)
KT08-4	A6	16	7.4	210	13	34.3(3500)	85.8(8750)	4200	0.19	23.5	24.3	TH852	2.8(28)
KT10-4	A6	19	8.8	254	31	42.6(4380)	110.7(11300)	3400	0.34	36.3	41	TH1075	2.7(27)
KT10-4	A8	19	8.8	254	31	42.6(4380)	110.7(11300)	3400	0.34	36.3	39.3	TH1075	2.7(27)
KT12-4	A8	23	10.6	304	34	54.9(5600)	143.6(14650)	2700	0.79	62	65.7	TH1291	2.7(27)

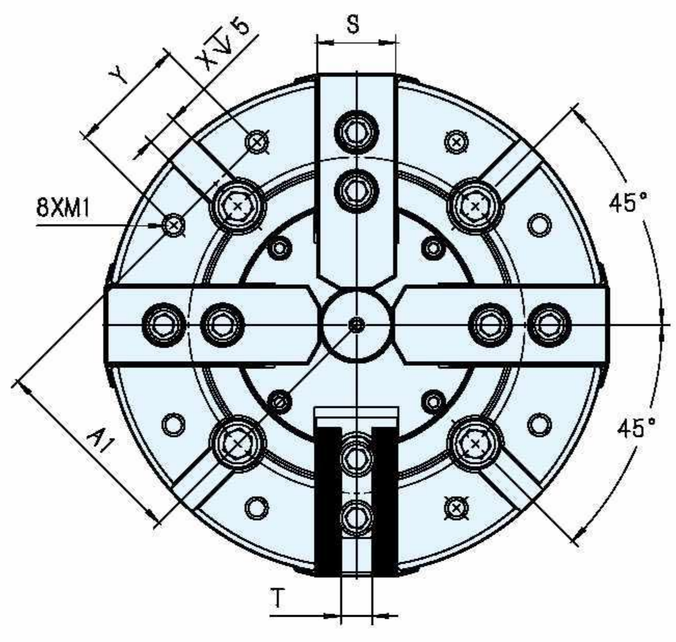
Notes: data in red is size for Type-A.

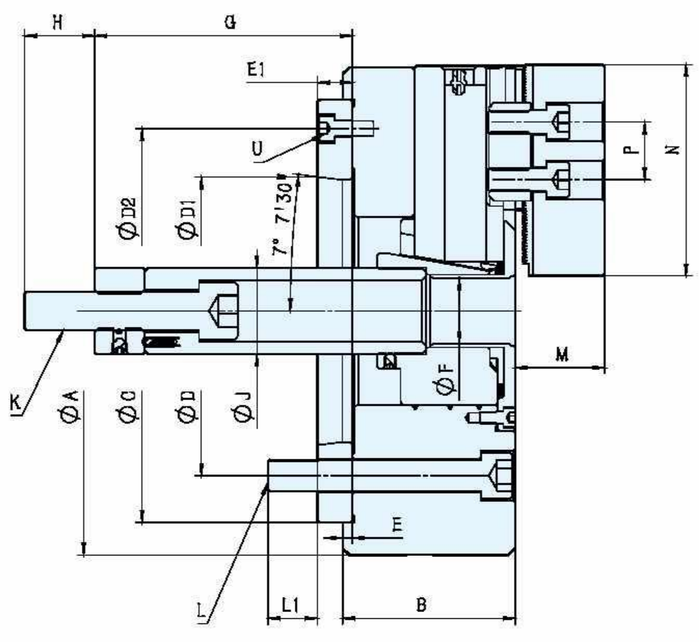
KY-4

Solid four-jaw power chuck

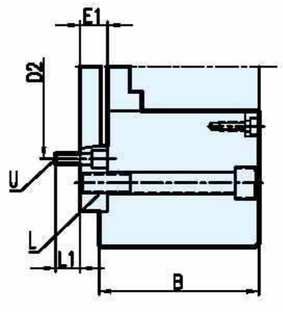


- The wedge-shaped solid chuck is in line with
- Japanese and Taiwanese standards.
  All sliding surfaces adopt hardened treatment and
- precision grinding.
  High rigidity structure and high clamping accuracy.





KY08-4 A5
KY10-4 A6



Size parameter

Spec.		A	B	C	D	D1	D2	E	E1	F	Gmax.	Gmin.	H	J
KY06-4	A5	165	74	140	104.8	82.56	116	5	15	21	102	82	36	34
KY08-4	A5	210	85	170	133.4	82.56	104.8	5	23	25	127	106	36	38
KY08-4	A6	210	85	170	133.4	106.38	150	5	17	25	127	106	36	38
KY10-4	A6	254	89	220	171.4	106.38	133.4	5	25	34	158	133	36	45
KY10-4	A8	254	89	220	171.4	139.72	190	5	18	34	158	133	36	45
KY12-4	A8	304	106	220	171.4	139.72	190	6	18	34	163	133	36	50

Spec.		Kmax.	L	L1		M	N	P	S	T	U	X	Y	A1	8-M1
KY06-4	A5	M16×2	4-M10	17	14	39	73	20	31	12	3-M6	16	36	68	M8
KY08-4	A5	M20×2.5	4-M12	18	17	41	95	25	35	14	6-M10	16	45	80	M10
KY08-4	A6	M20×2.5	4-M12	18	18	41	95	25	35	14	3-M6	16	45	80	M10
KY10-4	A6	M20×2.5	4-M16	25	18	46	110	30	40	16	6-M12	16	60	102	M10
KY10-4	A8	M20×2.5	4-M16	25	25	46	110	30	40	16	3-M8	16	60	102	M10
KY12-4	A8	M20×2.5	4-M16	25	25	54	130	30	50	18 or 21	3-M8	20	60	105	M10

Performance parameters

Spec.		mm Plunger stroke	mm Jaw stroke (Dia.)	Chucking Dia.mm Max.	Chucking Dia.mm Min.	KN(kgf) Max.D.B.pull	KN(kgf) Max.clamping force	min-1(r.p.m) Max.speed	l Kg.m^2	kg Weight		Matching cyl.	Max.pressure Mpa(kgf/cm^2)
KY06-4	A5	20	8.5	165	14	12(1220)	35(3570)	5000	0.04	12	13	RH100	2.0(20)
KY08-4	A5	21	8.8	210	17	16.5(1680)	50(5100)	4750	0.13	22	26	RH125	1.7(17)
KY08-4	A6	21	8.8	210	17	16.5(1680)	50(5100)	4750	0.13	22	25	RH125	1.7(17)
KY10-4	A6	25	8.8	254	22	19.4(1980)	71.5(7300)	3500	0.29	33	42	RH125	2.0(20)
KY10-4	A8	25	8.8	254	22	19.4(1980)	71.5(7300)	3500	0.29	33	40	RH125	2.0(20)
KY12-4	A8	30	10.5	304	22	27.4(2800)	103.9(10600)	3360	0.70	57	61	RH150	2.0(20)

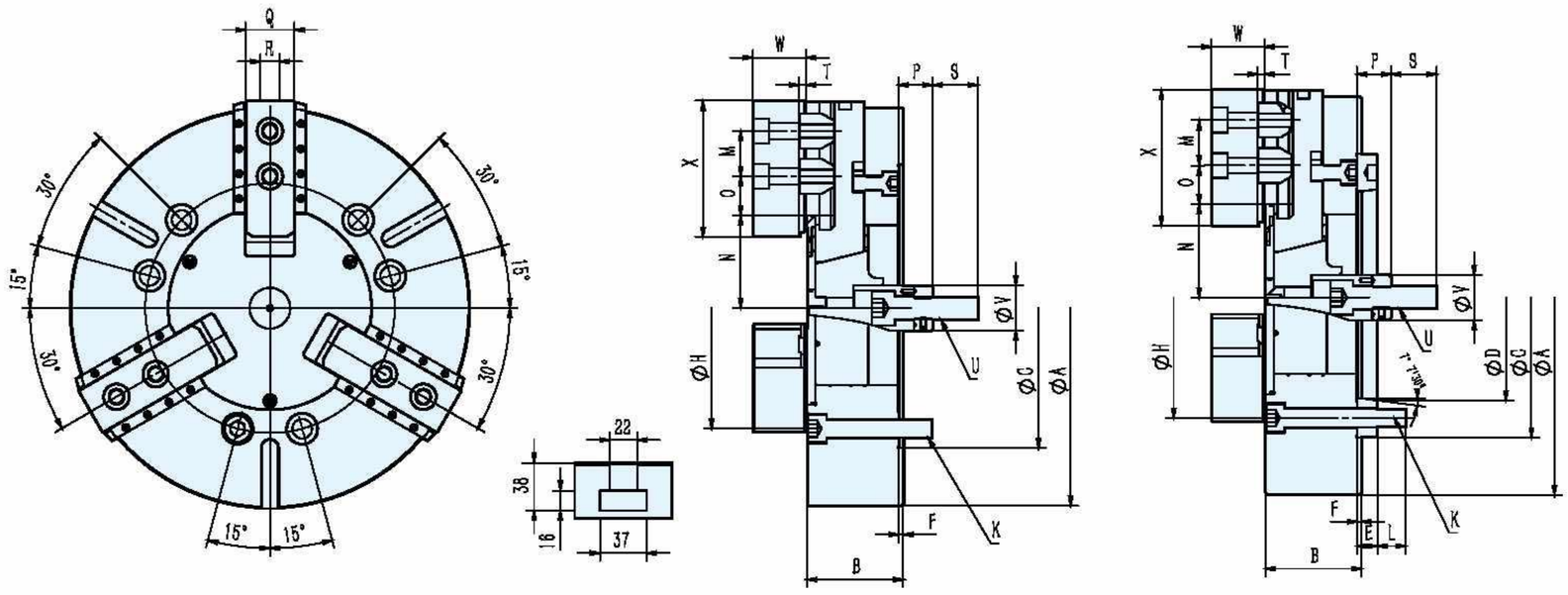
Notes: data in red is size for Type-A.

VL-3

Vertical lathe chuck

- KY series vertical lathe chuck is suitable for vertical lathe, chisel body side has sealing to prevent the iron filings, cutting water from entering into the chuck, which can prolong the service life of the chuck. It can also be designed with three, four, or six jaws according to customer's special requirements, and can be equipped with various forms of flanges according to the requirement.





Size parameter

		A	B	C(h6)	D	E	F	G	H	K	L	M
VL-15-3	A2-11	381	118	300	196.869	22	6	260	235	6-M20x2.5P	32	43
VL-18-3	A2-11	450	118	300	196.869	22	6	260	235	6-M20x2.5P	32	43
VL-21-3	A2-15(A2-11)	530	129	380	285.775	27	6	320	330.2	6-M24X3P	33	60
VL-24-3	A2-15(A2-11)	610	129	380	285.775	27	6	320	330.2	6-M24X3P	33	60
VL-32-3	A2-15(A2-11)	800	129	380	285.775	27	6	320	330.2	6-M24X3P	33	60
VL-40-3	A2-15(A2-11)	1000	129	380	285.775	27	6	320	330.2	6-M24X3P	33	60

	N max	N min	O max	O min	P max	P min	Q	R	S	T	U	V	W	X
VL-15-3	69.05	60.97	58.05	40.05	104	69	62	25.5	55	7	M30X3.5P	60	68	165
VL-18-3	99.46	91.38	58.05	40.05	92	57	62	25.5	55	7	M30X3.5P	60	68	165
VL-21-3	80.49	72.41	101.8	41.8	96.95	62	65	25	55	7	M30X3.5P	60	75.5	180
VL-24-3	119.49	111.41	101.8	41.8	96.95	62	65	25	55	7	M30X3.5P	60	75.5	180
VL-32-3	119.49	111.39	197.8	41.8	97	62	65	25	55	7	M30X3.5P	60	75.5	180
VL-40-3	119.49	111.39	299.8	41.8	97	62	65	25	55	7	M30X3.5P	60	75.5	180

Performance parameters

	mm	mm		(KN)	力 (KN)	(MPA)	kg		
	Plunger Stroke	Jaw stroke (Dia.)	Max.speed	Max.Drawbar Pull(kgf)	Max.clamping force	Max.D.B.pull	Weight(kg)	Match oil cylinder model	Clamping range
VL-15-3	35	16	3000	8260 (81)	25290 (248)	32 (3.1)	104.1	RH200L-35	φ68~φ381
VL-18-3	35	16	2700	8260 (81)	25290 (248)	32 (3.1)	138.5	RH200L-35	φ100~φ450
VL-21-3	35	16	1900	8650 (85)	27000 (265)	33 (3.2)	204.8	RH200L-35	φ80~φ530
VL-24-3	35	16	1700	8650 (85)	27000 (265)	33 (3.2)	260	RH200L-35	φ155~φ610
VL-32-3	35	16	1100	8650 (85)	27000 (265)	33 (3.2)	455.4	RH200L-35	φ155~φ800
VL-40-3	35	16	800	8650 (85)	27000 (265)	33 (3.2)	/	RH200L-35	φ155~φ100

The above data are the standard parameters, personalized customized solutions can be provided according to customer's requirement.

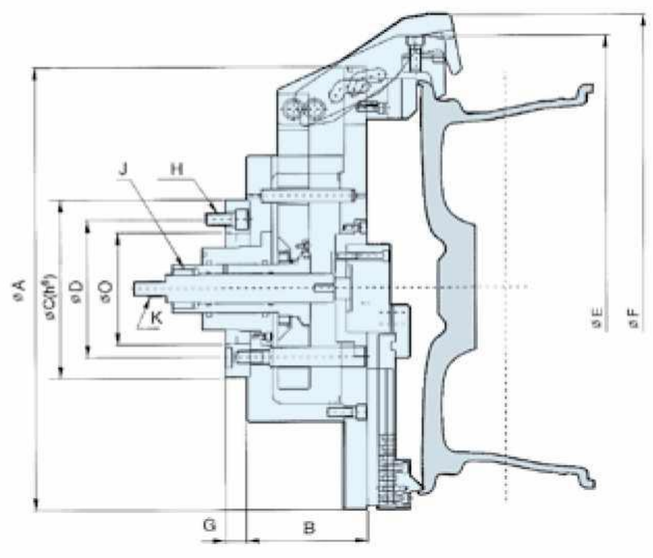
LG

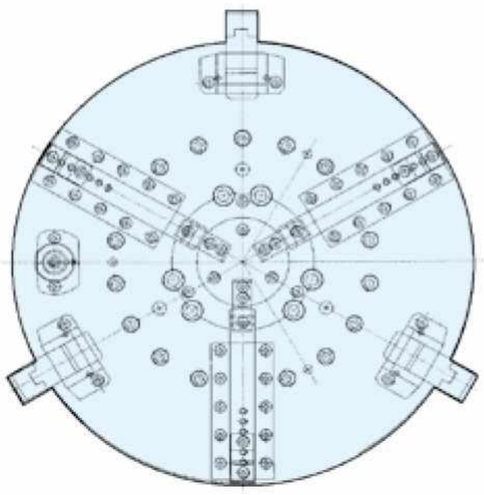
Wheel chuck

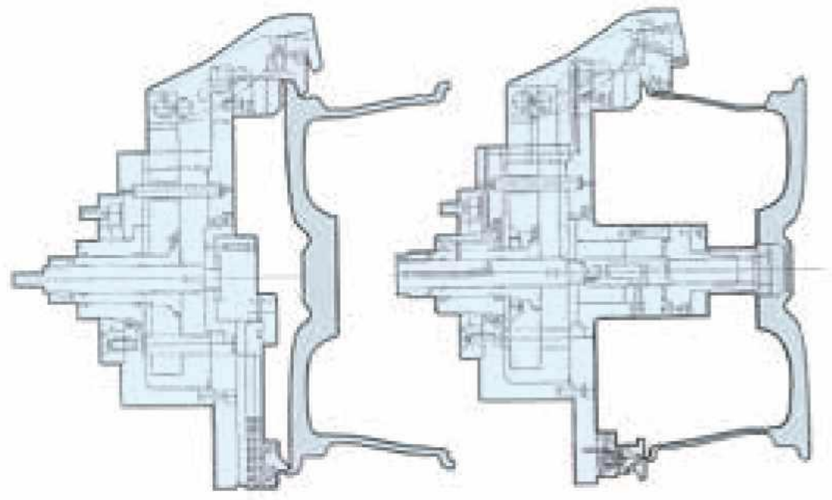




- Ideal for machining aluminum wheels;
- Accommodates avariety of wheels by changing jaws and arms;
- Lower weight increases efficiency and reduces down time.







OP-10 OP-20

Performance parameters

LG-300

JAW	Cam Arm			
	S	M	L	XL
A	12	13	14	15
B	13	14	15	16
C	14	15	16	17
D	15	16	17	18

LG-330

JAW	Cam Arm				
	S	M	L	XL	XXL
A	13	14	15	16	17
B	14	15	16	17	18
C	15	16	17	18	19
D	16	17	18	19	20

LG-360

JAW	Cam Arm		
	S	M	L
A	17	18	19
B	18	19	20
C	19	20	21.5
D	20	21.5	22.5

Spec.	A	B	C(h²)	D	E	F	G	H	J	K
LG-300	495	140	220	171.45	Flexible		25	M16	M45	M24
LG-330	550	145	300	235			35	M20	M45	M24
LG-360	660	200	300	235			35	M20	M45	M24

							kg	GD²
Spec.	Clamping force(kgf)	Max.Drawbar Pull(kgf)	Jaw Strokre (mm)	Plunger strok(mm)	Wheel Size Range (inch)	Max.Speed (r.m.p)	Weight(kg)	(kgf.m²)
LG-300	970	3000	27	35	12~18	2500	120	2.4
LG-330	970	3000	27	35	13~20	2000	160	3.5
LG-360	970	3000	27	35	17.5~24.5	1600	240	7.5

Spec.	Wheel Size										
	12"	13"	14"	15"	16"	17"	18"	19"	20"	21.5"	22.5"
LG-300	★	★	★	★	★	★	★				
LG-330		★	★	★	★	★	★	★	★		
LG-360						★	★	★	★	★	★

The above data are the standard parameters, personalized customized solutions can be provided according to customer's requirement.