

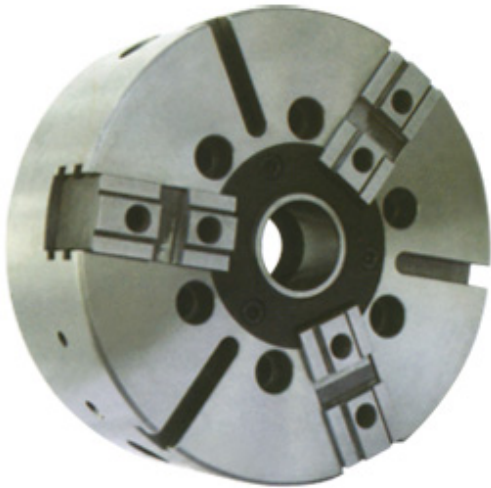


Application

Suitable for processing plate material components.

Features

- 1.Short cylindrical center mounting.
- 2.With high sealing reliability, high center accuracy, easy adjustment, clamping reliably and rotating steadily.
- 3.The chucks are economic practical and with high performance reliability.s
- 4.The different soft jaws can be provided, as requested.

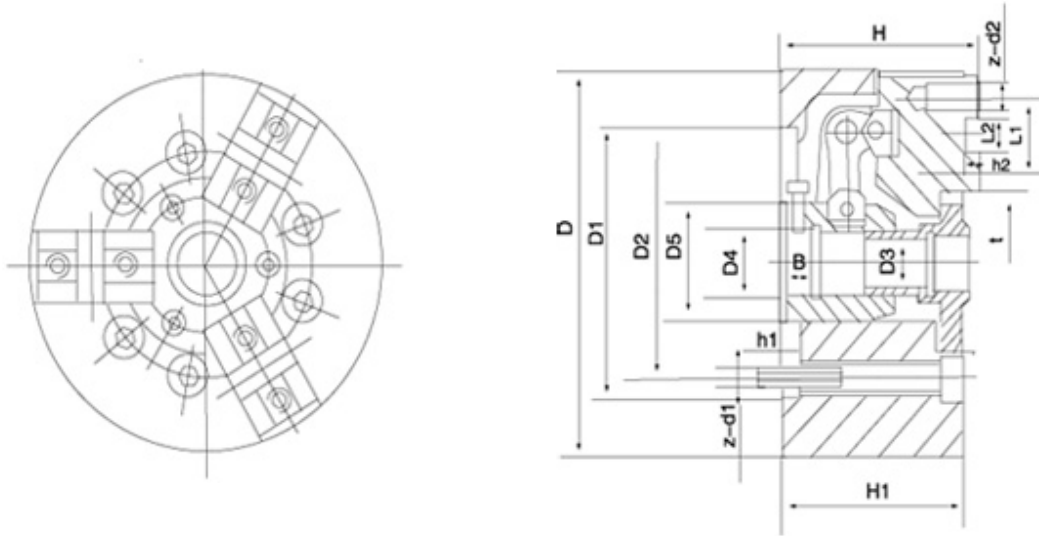


Short cylindrical center mounting.

Obtaining high gripping force and large jaw stroke by changing the lever ration.

Suitable for plate,rod components.

The jaws are connected by cross tenon.



Dimension parameters

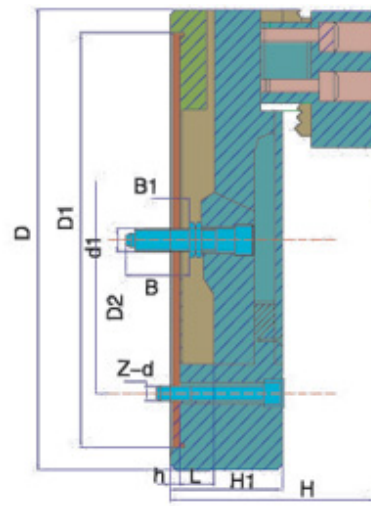
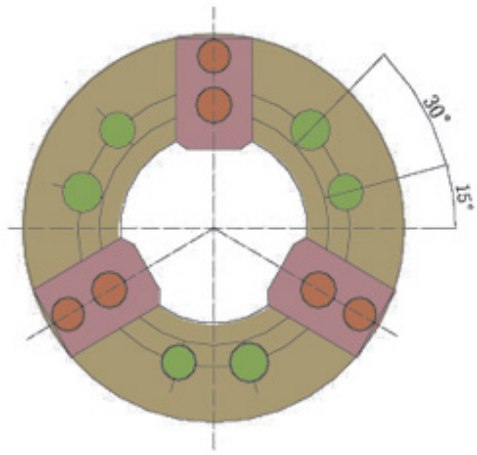
Size	D1	D2	D3	D4	D5	H1	H	h1	h2	B	z-d1	z-d2	L1	L2
200	140	120	32	M36×2	62	100	107	3	7	18	6-M12	6-M12	38	16
250	140	120	35	M45×2	62	120	128	6	9	26	6-M12	6-M16	48	20
300	185	160	45	M56×2	85	120	128	9	11	25	6-M16	6-M16	48	20
370	230	205	52	M64×2	105	138	146	2.5	9	25	6-M16	6-M16	48	20

Characteristic parameters

Size	Jaw stroke t(Dla.)	KN XIAL WEDGE STROKE	KN JMax.draw pull	KN Max.gripping force	Rec.cylinder
220	20	25	28	50	P22(125,160) P23160
250	20	25	35	60	P22(125,160) P23160
300	20	25	40	70	P22(160,200) P23200
370	20	30	48	85	P22(160,200) P23200



1. Short cylindrical center mounting.
2. The structure types of jaws are classified as soft top jaws with cross tenon and soft top jaws with serrations.
3. Suitable for processing plate material components.
4. The chucks are economic practical and with high performance reliability.



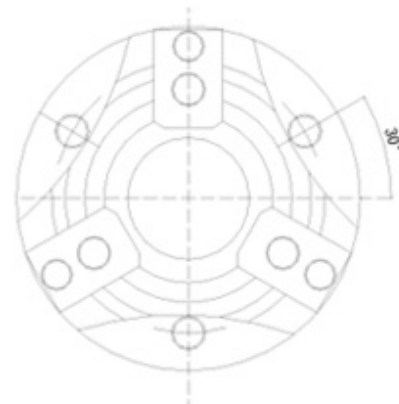
Dimension parameters

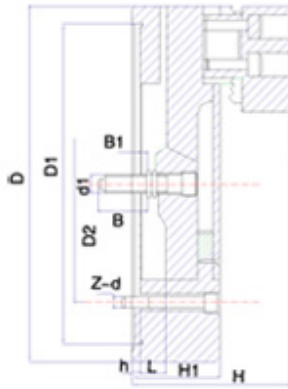
Size	D1	D2	b1	H1	H	h	B	B1	z-d
160	130	110	M16	70	113	4	30	1	6-M10
200	165	130	M20	80	130	4	36	2	6-M12
250	210	160	M22	95	155	5	39	4	6-M14
320	270	200	M24	105	177	6	45	7	6-M16
400	340	250	M24	115	199	6	43	12	6-M20
500	440	320	M30	125	219	7	60	12	6-M20
630	560	400	M36	150	253	8	79	15	6-M24

Characteristic parameters

Size	XIAL WEDGE STROKE	Jaw stroke t(Dia.)	JMax.draw pull	Gripping force	Gripping force
160	19	10	9	20-160	35-160
200	23	12	16	20-200	35-200
250	27	14	26	30-250	45-250
320	30	16	42	35(50)-320	50(65)-320
400	34	18	70	35(65)-400	50(80)-400
500	38	20	110	40(105)-500	60(125)-500
630	45	24	150	50(140)-630	70(160)-630

Note: The() on the above table is for K51B chuck.





Short cylindrical center mounting

With thru-hole and suitable for processing rod components.

The chucks are economic practical and with high performance reliability.

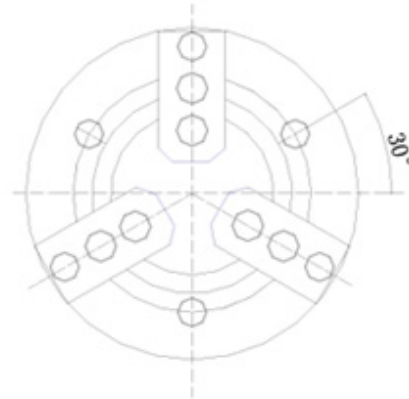
Dimension parameters

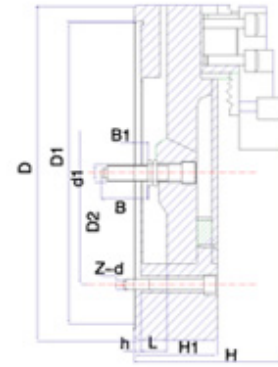
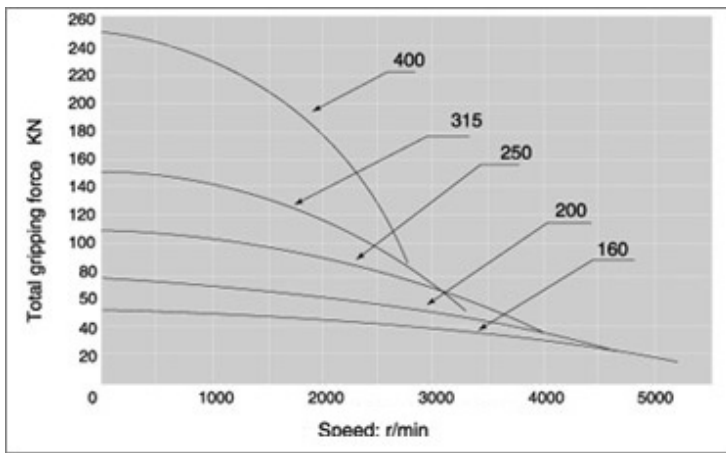
Size	D1	D2	D3	D4	D5	H1	H	h	B	B1	z-d
160	140	104.8	25	M33 x 1.5	40	76	123	4	20	-4	3-M10
200	170	133.4	35	M42 x 1.5	50	85	137	4	24	-4	3-M12
250	220	171.4	52	M 60 x 2	68	100	156	5	30	-5	3-M16
315	300	235	65	M76 x 2	90	110	178	5	28	-5	3-M20
400	380	330.2	90	M100 x 3	115	125	204	5	35	-5	3-M20
540C	440	330	177	M195 x 3	208	136	230	5.5	35	-5.5	3-M20
630B	560	430	252	M265 x 4	282	143	225	6	40	-6	3-M24

Characteristic parameters

Size	max Axial wedge stroke	Jaw stroke t (Dia.)	JMax. drawpull	Gripping force	r/min Jamming range	Jamming range	Gripping force	P21 Rec. cylinder	P23 Rec. cylinder
160	17	9	15	30	3000	12-140(160)	60(30)-140(160)	160	100 125
200	20	10	25	50	2500	16-180(200)	75(36)-180(200)	160	125 160
250	25	13	45	75	2000	25-230(250)	96(45)-230(250)	200	160 200
315	25	13	56	100	1500	40-280(315)	110(60)-280(315)	250	200
400	30	16	70	120	1000	40-370(400)	150(60)-370(400)	-	200
540C	30	16	100	220	700	(120)-(540)	(120)-(540)	-	300
630B	30	16	130	289	500	(50)-(630)	(70)-(630)	-	300

Note: The () on the above table is for soft jaw chucks, the [] is for cross tenon jaw chucks.





- This series chucks can be directly connected to the spindle noses of the machine tools, With nice rigidity and high accuracy.
- The chucks are effectively dust-proof and have a long-term durability.
- The chucks are suitable for precision machine of plate shaped workpiece as well as rough service ones.

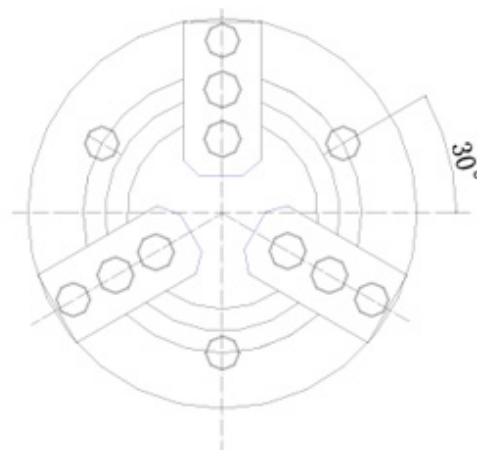
Dimension parameters

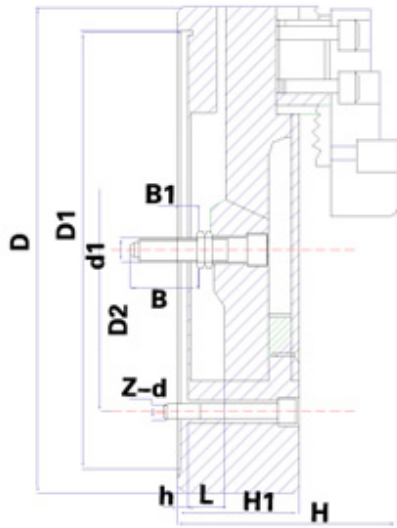
Size	Lmax Axial wedge stroke	Jaw stroke t (Dia.)	JMax.drawpull	Gripping force	r/min Jamming range	Jamming range	Gripping force	Rec.cylinder
160	15	5	18	52	5200	12-140(160)	60(30)-140(160)	P22 125
200	20	7	25	75	4700	16-180(200)	75(36)-180(200)	P22 160
250	25	8.8	37	108	4000	25-230(250)	96(45)-230(250)	P22 160
315	30	10.4	53	156	3300	40-280(315)	110(60)-280(315)	P22 200
400	35	12.4	85	250	2800	40-370(400)	150(60)-370(400)	P22 200

Characteristic parameters

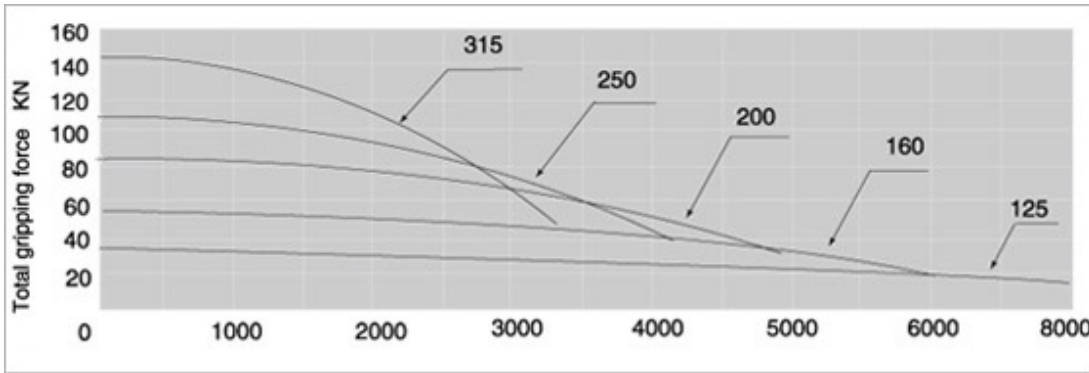
Size	Lmax Axial wedge stroke	Jaw stroke t (Dia.)	JMax.drawpull	Gripping force	r/min Jamming range	Jamming range	Gripping force	Rec.cylinder
160	15	5	18	52	5200	12-140(160)	60(30)-140(160)	P22 125
200	20	7	25	75	4700	16-180(200)	75(36)-180(200)	P22 160
250	25	8.8	37	108	4000	25-230(250)	96(45)-230(250)	P22 160
315	30	10.4	53	156	3300	40-280(315)	110(60)-280(315)	P22 200
400	35	12.4	85	250	2800	40-370(400)	150(60)-370(400)	P22 200

Note: The () on the above table is for soft chucks.





- This series chucks can be directly connected to the spindle noess of the machine tools, With nice rigidity and high accuracy.
- The chucks are especially suitable for precision machining of the plate and rod workpieces.



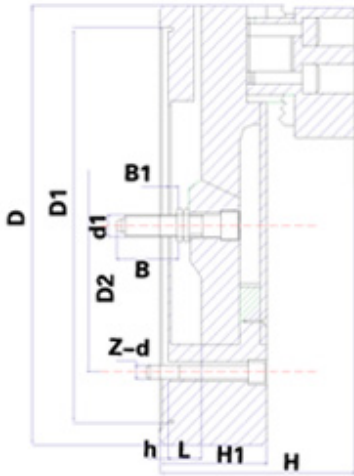
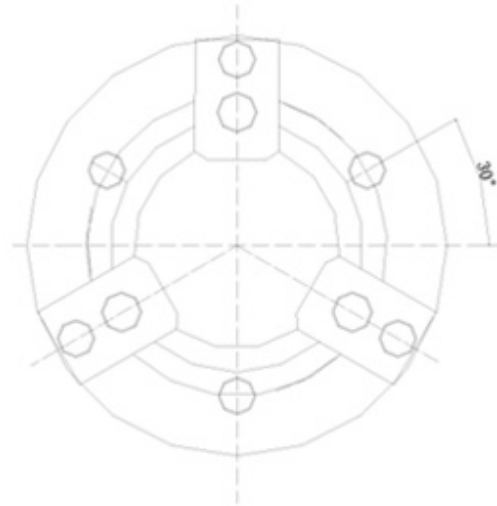
Dimension parameters

Size	D	D1	D2	H1	H	h	h1	B	B1	d1	d2	Z-d
160	82.563	104.8	28	M36 × 1.5	93		15	6.5	20	15	16.3	6-M10
200	106.375	133.4	41	M48 × 1.5	105		16	6.5	22	16	19.5	6-M12
250	139.719	171.4	52	M60 × 2.0	120		18	8	30	18	24.2	6-M16
315	196.869	235	70	M80 × 2.0	137		20	10	30	20	29.4	6-M20

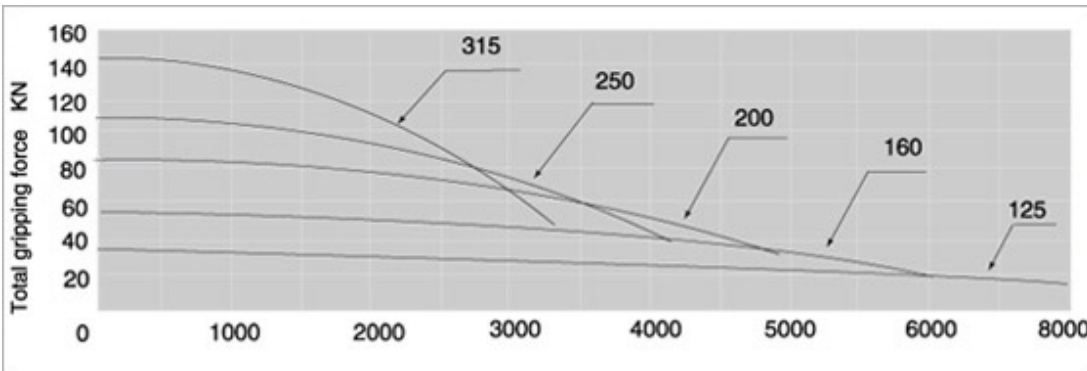
Characteristic parameters

Size	Lmax Axial wedge stroke	Jaw stroke t (Dia.)	JMax.drawpull	Gripping force	r/min Jamming range	Jamming range	Gripping force	Rec.cylinder
160	18	9.6	23	51	5000	12-140(160)	60(30)-140(160)	P23125,P25125
200	20	10.6	35	78	4000	16-180(200)	75(36)-180(200)	P23160,P25125
250	25	13	45	100	3500	25-230(250)	96(45)-230(250)	P23160,P25160
315	26	14	60	130	3000	40-280(315)	110(60)-280(315)	P23200,P25160

Note : The () on the above table for cross tennon soft jaw chucks.



- Short cylindrical center connection.
- Having all the characteristics of wedge-type high-speed power with through-hole series chucks, also can clamp smaller rod materials.
- The chucks have large through-hole which is suitable for the precision machining of the rod workpieces.



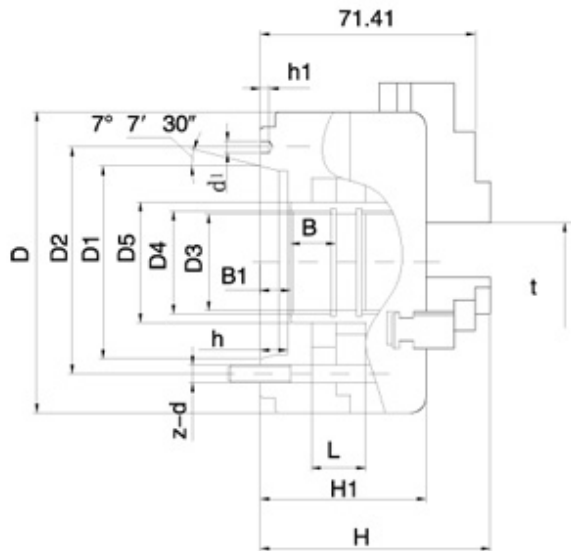
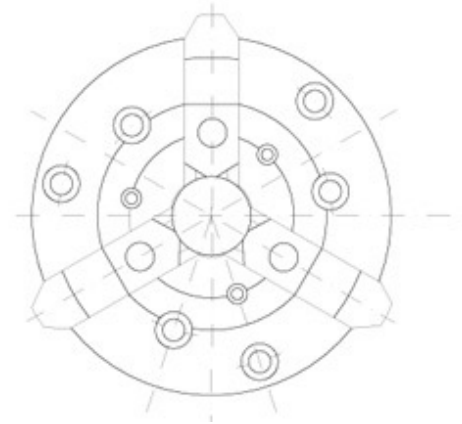
Dimension parameters

Size	D	D1	D2	H1	H	h	h1	B	B1	d1	d2	Z-d
125	135	110	82.6	33	M40 × 1.5	48	57	99	4	20	0	3-M10
160	169	140	104.8	45	M55 × 2.0	61	80	123	4	22	-4	6-M10
200	210	170	133.4	52	M60 × 2.0	68	95	145	5	25	-4	6-M12
250	254	220	171.4	75	M85 × 2.0	93	100	152	5	25	-5	6-M16
315	254	300	235	100	M110 × 2.0	120	115	182	6	30	-6	6-M20

Characteristic parameters

Size	Lmax Axial wedge stroke	Jaw stroke t(Dia.)	JMax.drawpull	Gripping force	r/min Jamming range	Jamming range	Gripping force	Rec.cylinder
125	13	5.4	14	36	7000	8-110(125)	50(25)-110(125)	P25125
160	17	6.0	19	57	6000	12-140(160)	60(30)-140(160)	P25125
200	20	7.0	29	86	5000	16-180(200)	75(36)-180(200)	P25125
250	20	8.5	42	111	4200	25-230(250)	96(45)-230(250)	P25160
315	25	10.6	55	144	3300	50-300(315)	110(36)-300(315)	P25160

Note: The() on the above table is for soft jaw chucks.

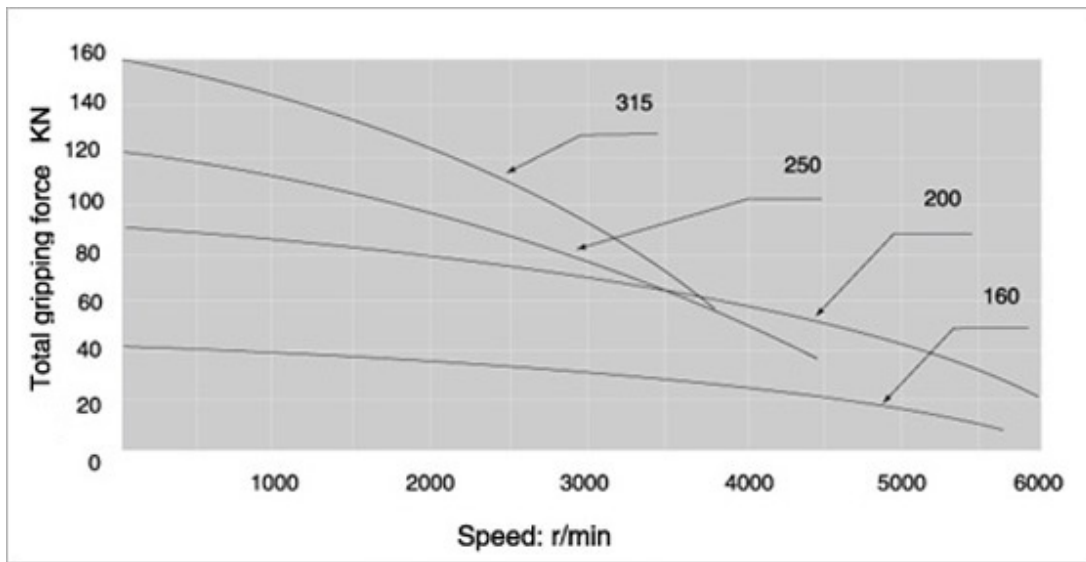


This series chucks can be directly connected to the spindle noens of the machine tools, with nice rigidity and high accuracy.

High rotation apeed, high clamping force and quick jaw-change.

The chucks possess the compensation for gripping force.

The chucks can be supplied with one-piece jaws or two-piece jaws(including base jaws, hard and soft top jaws).



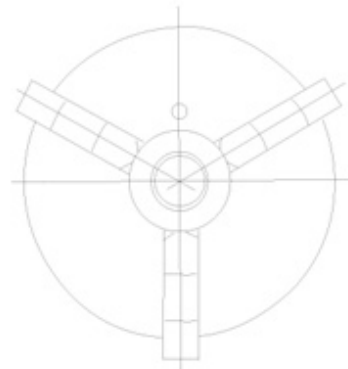
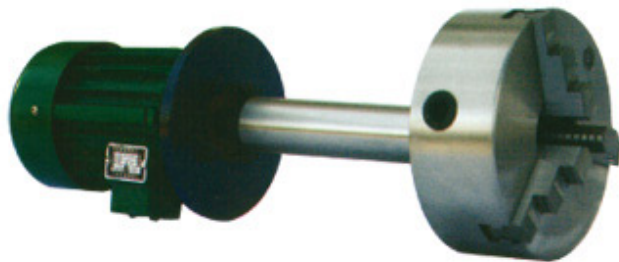
Dimension parameters

Size	D	D1	D2	D3	D4	D5	H1	H	h	h1	B	B1	d1	z-d
160	160	82.563	104.8	32	M40 x 1.5	48	98	121	15	6.5	18	33	16.3	3-M10
200	204	106.375	133.4	41	M48 x 1.5	56	110	136.5	17.5	6.5	20	21	19.5	3-M12
250	250	139.719	171.4	52	M62 x 2.0	70	122	180	19	8	20	24.5	24.2	3-M16
315	315	196.869	235	77	M85 x 2.0	98	135	193	20	10	22	26	29.4	3-M20

Characteristic parameters

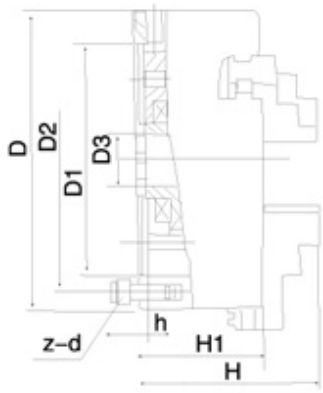
D Size	Lmax Axial wedge stroke	Jaw stroke t(Dia.)	JMax.drawpull	Gripping force	r/min Jamming range	Jamming range	Gripping force
160	18.5	6	20	40	6000	5-128	39-130
200	30	11	45	90	5800	15-168	58-190
250	34.5	13	60	120	4500	20-220	90-235
315	37	14	80	160	4000	25-278	100-262

Note: The H in () on the above table is for reversible fop jaw.



Dimension parameters

Size	D1	D2	D3	H	H1	h	Z-d	r/min Jamming range	Max.gripping force
200	165	180	35	118	82	5	3-M10	2000	4200
250	206	226	45	140	88	5	3-M12	1500	5000



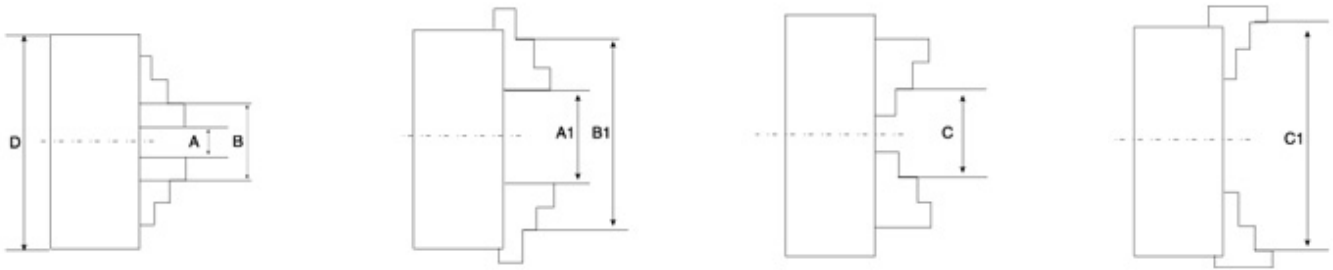
Short cylindrical center mounting.

The power source is driving motors and the chocks can center and clamp automatically.

The clamping force can be adjusted.

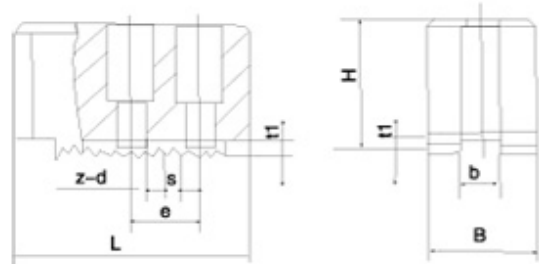
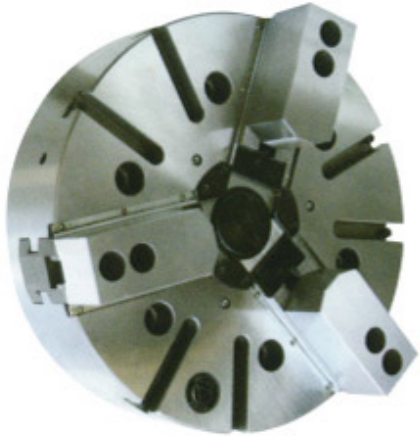
Suitable for machining plate and rod shaped components.

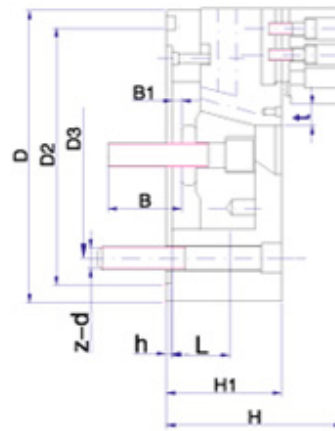
Suitable for NC lathes, automatic lathes and common lathes.



Clamping range

	Internal jaw		External jaw
	Jamming range	Gripping force	Jamming range
	A-A1	B-B1	C-C1
200	4-85	65-200	22-63
250	6-110	80-250	30-80





Short cylindrical center mounting.

With high sealing reliability, high center accuracy, easy adjustment, clamping reliability and rotating steadily.

Suitable for machining the plate components especially for the automobile wheel hubs.

The chucks are special equipment for the CK516B vertical lathes and also can be used for the other machine tools.

The different soft jaws can be provided, as requested.

Dimension parameters

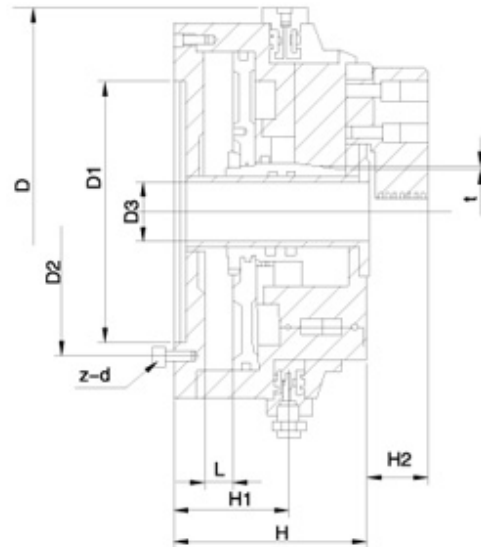
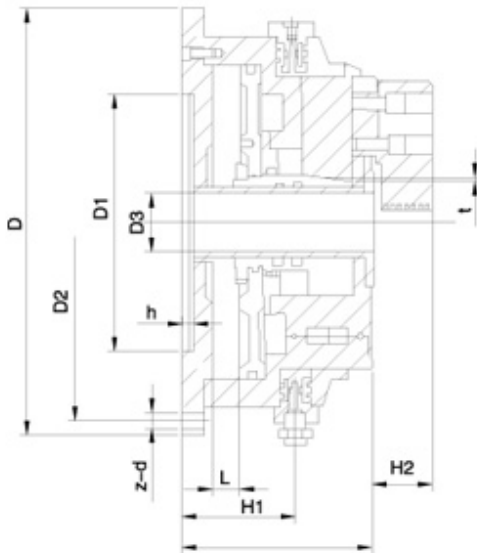
Size	D1	D2	D3	H1	H	h	B	B1	z-d
500	510	380	330.2	130	214	6	60	2	6-M24
630	630	380	330.2	150	234	6	60	6	6-M24
800	800	380	330.2	150	234	6	60	6	6-M24

Characteristic parameters

Size	XIAL WEDGE STROKE	Jaw stroke t (Dia.)	JMax.draw pull	MAX.gripping force	r/min Max.speed	Jamming range	Gripping force
500	33	17	100	240	1500	7-500	47-500
630	38	20	100	240	1100	7-630	47-630
800	38	20	100	240	900	7-800	47-800



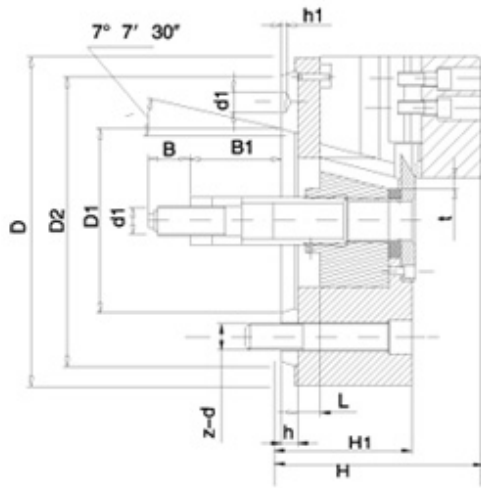
- Short cylindrical center mounting.
- With high sealing reliability, high center accuracy, easy adjustment, clamping reliably and rotating steadily.
- Suitable for machining the plate components especially for the automobile wheel hubs.
- The chucks are special equipment for the CK516B vertical lathes and also can be used for the other machine tools.
- The different soft jaws can be provided, as requested.



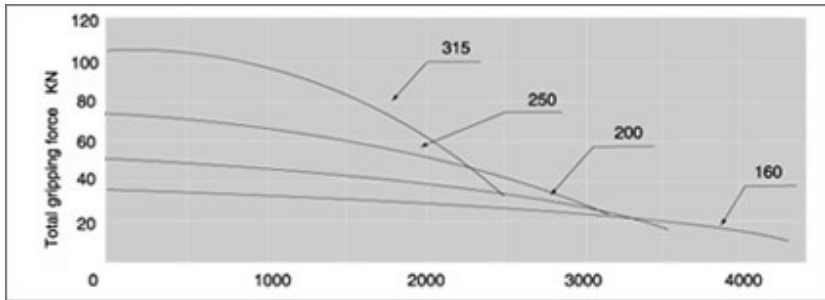
Dimension parameters

Size	D	D2	D3	D4	h	H	H1	H2	L	t	z-d	MPa Max. pressure	r/min Jamming range
200	-	165	180	52	6.5	134	-	-	25	9	6-M10(13)	0.8	1200
250	368	225	250(344)	55	8	165	96.5	56	25	8.8	6-M12(13)	1.0	1000
315	406	225	250(350)	90	8	187	113	68	30	16	6-M12	1.0	800
400	-	340	368	140	8	199	-	-	34	12	6-M16	1.0	500
500	-	440	465	240	8	222	-	-	43	15	6-M16	1.0	300

Note: The () on the above table are suitable for the left figure.



- This series chucks can be directly connected to the spindle noess of the machine tools, With nice rigidity and high accuracy.
- Having all the characteristics of wedge-type high -speed power series chucks, also can clamp smaller rod materials.
- Matched with the soft jaws.

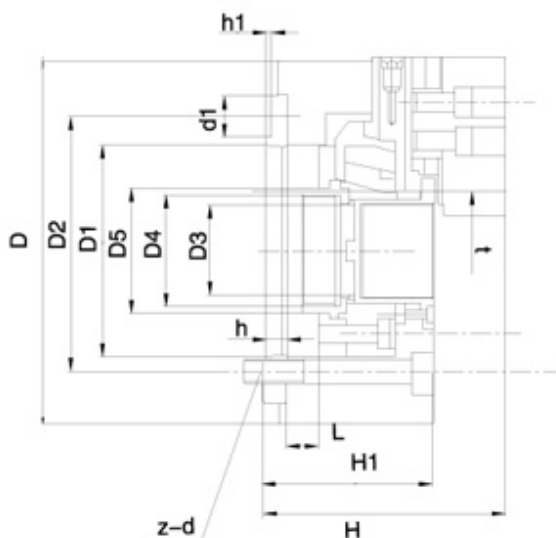
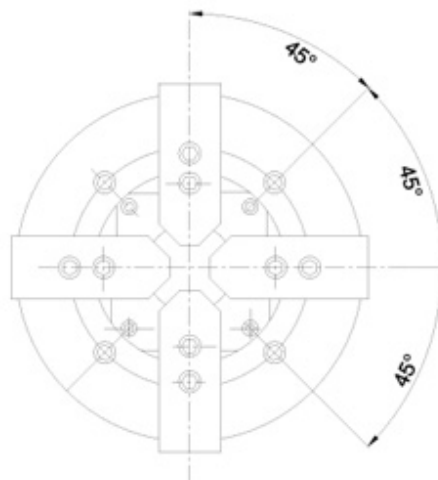


Dimension parameters

Size	D	D1	D2	H1	H	h	h1	B	B1	d1	d2	Z-d
160	165	82.563	104.8	84	119	15	6.5	36	86.5	16.3	M16	6-M10
200	210	106.375	133.4	97	139	17	6.5	36	110	19.5	M20	6-M12
250	254	139.719	171.4	102	148	18	8	36	140	24.2	M20	6-M16
315	315	196.869	235	125	186	20	10	48	145	29.4	M24	6-M20

Characteristic parameters

Size	Lmax Axial wedge stroke	Jaw stroke t(Dia.)	JMax.drawpull	Gripping force	r/min Jamming range	Jamming range	Gripping force	Rec.cylinder	Unit Price
160	20	8.5	18	52.5	5270	19-165	30-165	P22 125	
200	21	8.8	25	75	4760	23-210	36-210	P22 160	
250	25	8.8	29	108	4010	24-254	45-254	P22 160	
315	30	10.6	53	156	3300	40-315	60-315	P22 200	



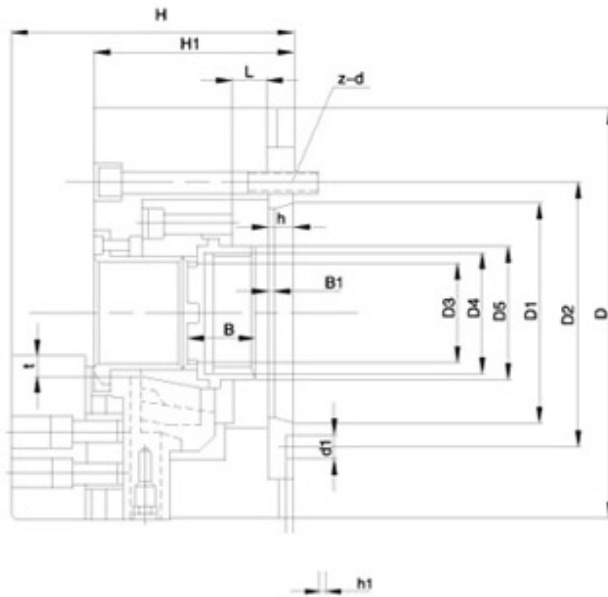
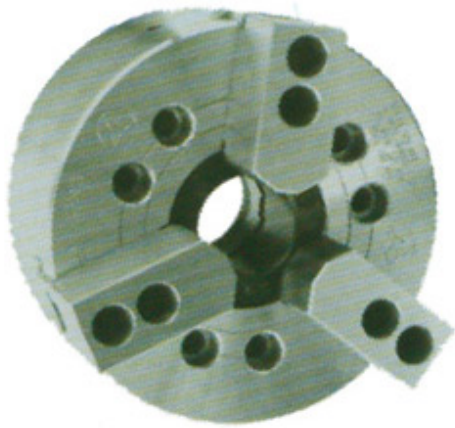
- This series chucks can be directly connected to the spindle noose of the machine tools, with nice rigidity and high accuracy.
- Large through-hole, high rotation speed.
- The chucks are suitable for machining all kinds of square and other irregular workpieces.

Dimension parameters

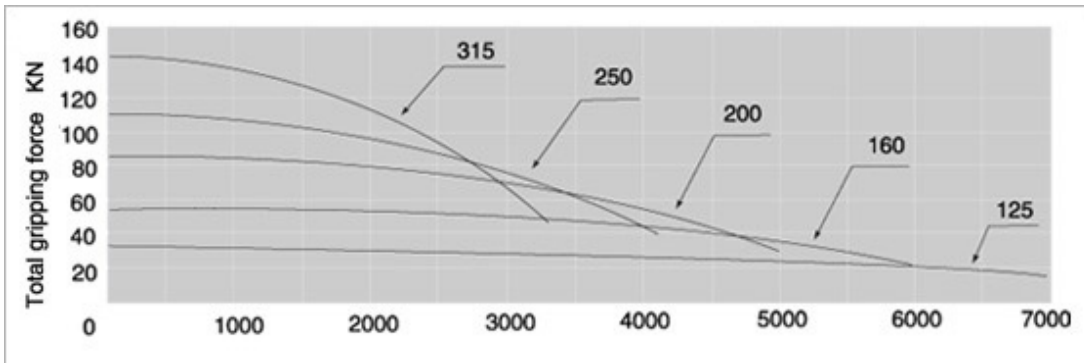
Size	D	D1	D2	D3	D4	D5	H1	H	h	h1	B	B1	d1	Z-d
200	210	106.375	133.4	52	M60 × 2.0	66	103	142	17	6.5	20.5	31.5	19.5	4-M12
250	254	139.719	171.4	75	M85 × 2.0	94	113	156	18	8	25	26.2	24.2	4-M16

Characteristic parameters

Size	Lmax Axial wedge stroke	Jaw stroke t (Dia.)	JMax.drawpull	Gripping force	r/min Jamming range	Jamming range	Gripping force	Rec.cylinder
200	16	7.4	44.3	109	5000	13-210	33-210	P25125
250	19	8.8	54.4	141	4200	31-254	51-254	P25160



- This series chucks can be directly connected to the spindle noess of the machine tools, with nice rigidity and high accuracy.
- Having all the characteristics of K55-IV series chucks.
- Matched with the soft jaws.



Dimension parameters

Size	D	D1	D2	D3	D4	D5	H1	H	h	B	B1	d1	Z-d
125	135	63.513	82.6	33	M40 x 1.5	45	71	97	15	17.5	16	14.7	3-M10
160	169	82.563	104.8	45	M55 x 2.0	60	91	120	15	19	26	16.3	6-M10
200	210	106.375	133.4	52	M60 x 2.0	66	108	147	17	20.5	31.5	19.5	6-M12
250	254	139.719	171.4	75	M85 x 2.0	94	113	156	18	25	24.2	24.2	6-M16
315	315	196.869	235	100	M110 x 2.0	120	124	175	20	28	29.4	29.4	6-M20

Characteristic parameters

Size	Lmax Axial wedge stroke	Jaw stroke t (Dia.)	JMax.drawpull	Gripping force	r/min Jamming range	Jamming range	Gripping force	Rec.cylinder
125	10	5.4	17.5	36	7000	12-135	25-135	P25125
160	12	5.5	22	57	6000	14-169	30-169	P25125
200	18	7.6	32.9	86	5000	14-210	36-210	P25125
250	19	8.8	43	111	4200	31-254	45-254	P25160
315	23	10.6	55	144	3300	50-315	36-315	P25160