

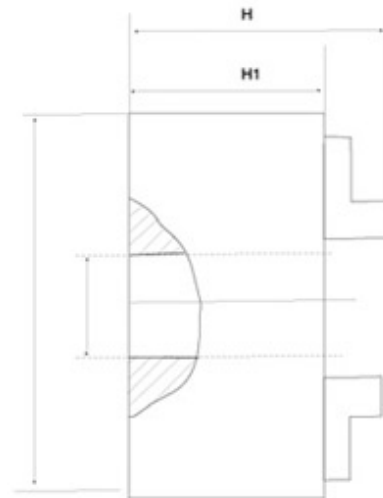
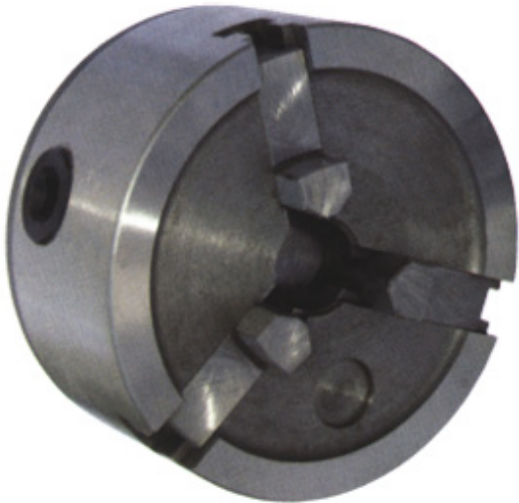


Application

Recommended for the processing of non-ferrous metals, non-metals like plastics and so on.

Features

1. High precision short cylindrical center mounting.
2. Flimsy parts are specifically engineered by quenching, for greater durability and extended life.
3. High self-centring precision with superior gripping force to meet the precision processing demands.
4. The compact chucks are in small volume, and user comfort.



Application

Special-purpose automobile chucks recommended specially for clamping and machining various automobile brake hubs.

Features

1. High precision short cylindrical center mounting.
2. The compact chucks are in light weight, large clamping range and user comfort.
3. High self-centring precision with superior gripping force to meet precision processing demands.
4. Flimsy parts are specifically engineered by quenching, for greater durability and extended life.
5. Various hole diameter chucks or special jaws can be provided.

Dimension characteristic parameters

Size	D	D1	H	H1
5"	130	25.4	74.3	66
6 $\frac{1}{2}$ "	165	40	96.5	66.5
8"	200	47.64	103	76

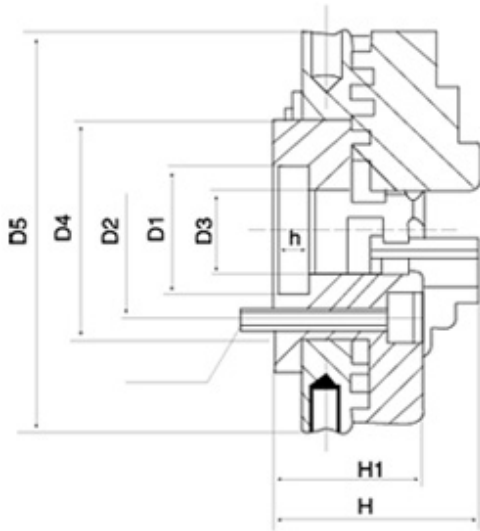
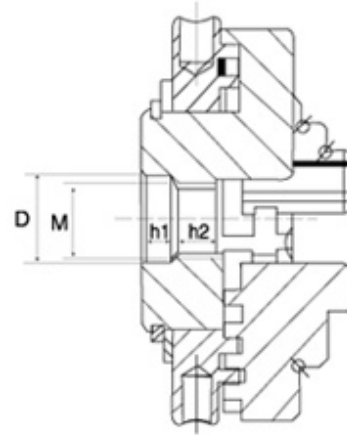


- The chucks are special attachments for engraving machine as well as the common accessories for general machine tool.
- The function include indexing and rotating in two directions.
- Suitable for machine bar, plate, sleeve components for cutting and engraving.

Note: We reserve the ring to make changes in designs and specifications without previous notice.

Characteristic parameters

Chuck Out Diameter	Through-hole Diameter	Center Height	Tilting Range	Rotary Graduation
110	25	70	0°-90°	0°-360°



Application

Recommended for meter machine tools in the processing of non-ferrous metals, non-metals like plastics and so on.

Features

- 1.High precision short cylindrical center mounting and the thread mounting.
2. The compact chucks are in small volume, and user comfort.
3. High self-centring precision with superior gripping force to meet precision processing demands.
- 4.Flimsy parts are specifically engineered by quenching, for greater durability and extended life.

Dimension characteristic parameters

Size	D	D1	D2	D3	D4	D5	H	H1	h	h1	h2s	z-d	M	Clamping range	Jamming range
63	14.1	22	28	14	36	68	34	25	6	5	8	3-M4	m14 × 1	1-50	16-50
80	16.1	25	35	16	45	84	42	30	6	5	9.5	3-M5	M16 × 1	1.5-70	20-70
100	24.1	32	42	22	52	104	52	36.5	6	5	13.5	3-M6	M24 × 1.5	2-90	26-90

Application

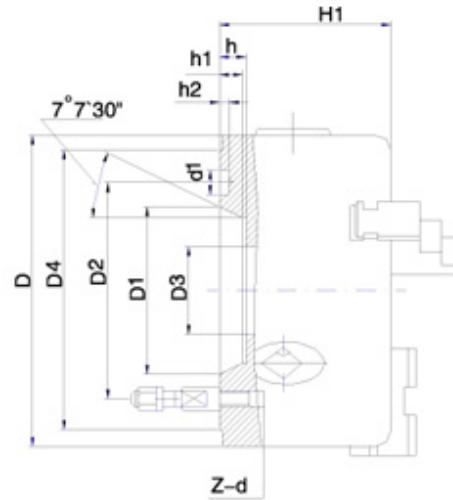
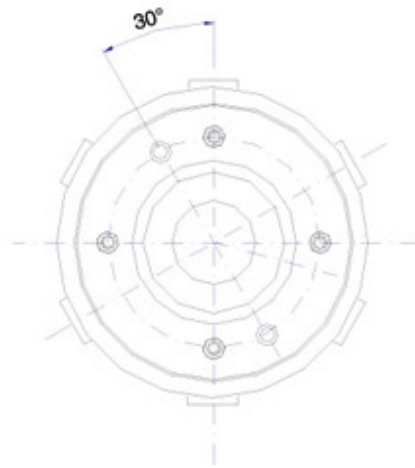
Recommended for the processing of non-ferrous metals, non-metals like plastics.



Features

1. Mounted with studs and locknuts.
2. Flimsy parts are specifically engineered by quenching, for greater durability and extended life.
3. Adjusted independently to center, suitable for special shaped processing with superior gripping force.

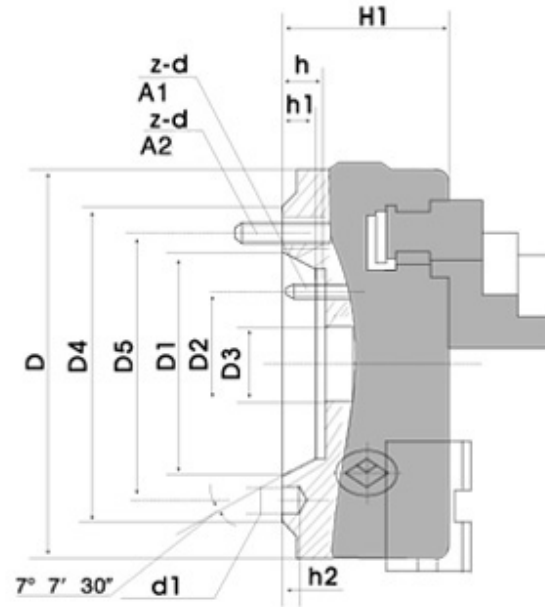
From C Mounting With Studs and Locknuts



Size	D	D1	D2	D3	D4	d1	H1	h	h1	h2	z-d
125/C3	125	53.975	75	25	102	-	63	13	10	-	3-M10
165/C4	125	63.513	85	25	112	14.7	63	13	10	6.5	3-M10
160/C3 160A/C3	160	53.975	75	40	102	-	76	13	10	-	3-M10
160/C4 160A/C4	160	63.513	85	40	112	14.7	70	13	10	6.5	3-M10
160/C5 160A/C5	160	82.563	104.8	40	135	16.3	73	15	12	6.5	4-M10
200/C4 200C/C4 200A/C4	200	63.513	85	50	112	14.7	84	13	10	6.5	3-M10
200/C5 200C/C5 200A/C5	200	82.563	104.8	50	135	16.3	84	15	12	6.5	4-M10
200/C6 200C/C6 200A/C6	200	106.375	133.4	50	170	19.5	84	16	13	6.5	4-M12
250/C5 250C/C5 250A/C5	250	82.563	104.8	70	135	16.3	95	15	12	6.5	4-M10
250/C6 250C/C6 250A/C6	250	106.375	133.4	70	170	19.5	95	16	13	6.5	4-M12
250/C8 250C/C8 250A/C8	250	139.719	171.4	80	220	24.2	95	18	14	8	4-M16
325/C6 325C/C6 325A/C6	325	106.375	133.4	100	17	29.4	103.5	16	13	6.5	4-M12
325/C8 325C/C8 325A/C8	325	139.719	171.4	105	220	24.2	106	18	14	8	4-M16
325/C11 325C/C11 325A/C11	325	196.869	235	105	290	29.4	106	20	16	10	6-M20
380/C8 382C/C8 382A/C8	380	139.719	171.4	130	220	24.2	118	18	14	8	4-M16
380/C11 382C/C11 382A/C11	380	196.869	235	135	290	29.4	118	20	16	10	6-M20
500D/C11	500	196.869	235	190	290	29.4	135	20	16	10	6-M20
500D/C15	500	285.775	330.2	210	400	35.7	135	21	17	10	6-M20



From A Mounting From Print

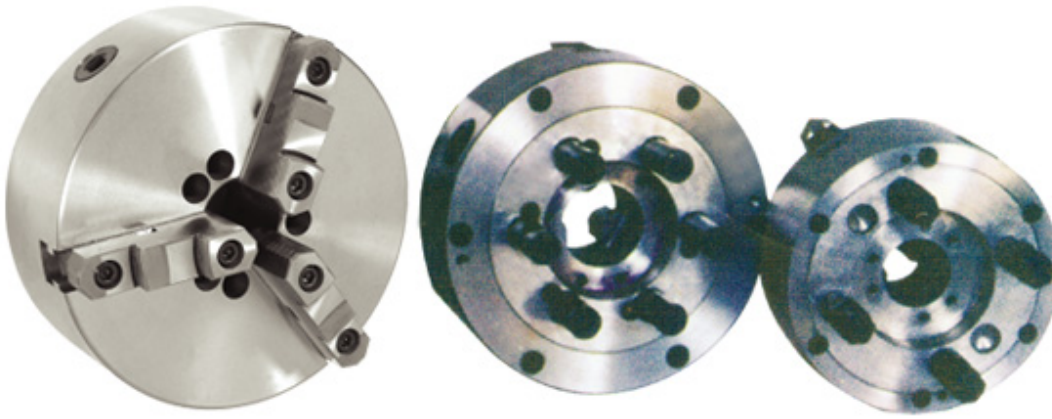


Form A1(Use inner tapped holes)

Size	D	D1	D2	D3	D4	D5	H1	h	h1	h2	d1	z-d
200/A ₁ 5 200C/A ₁ 5 200A/A ₁ 5	200	82.563	61.9	40	133	104.8	84	14.288	12	6.5	16.3	3-M10
250/A ₁ 6 250C/A ₁ 6 250A/A ₁ 6	250	106.375	82.6	55	165	133.4	93	15.875	13	6.5	19.5	6-M12
325/A ₁ 6 325C/A ₁ 6 325A/A ₁ 6	325	106.375	82.6	55	165	133.4	106	15.875	13	6.5	19.5	6-M12
325/A ₁ 8 325C/A ₁ 8 325A/A ₁ 8	325	139.719	111.1	78	210	171.4	106	17.462	14	8	24.2	6-M16
380/A ₁ 8 380C/A ₁ 8 380A/A ₁ 8	380	139.719	111.1	78	210	171.4	118	17.462	14	8	24.2	6-M16
500/A ₁ 11	500	196.869	165.1	125	280	235	135	19.050	16	10	29.4	6-M20
500/A ₁ 15	500	285.775	247.6	200	380	330.2	135	20.638	17	10	35.7	6-M20

Form A2(Use outer tapped holes)

Size	D	D1	D3	D4	D5	H1	h	h1	h2	d1	z-d
200/A ₁ 4 200C/A ₁ 4 200A/A ₁ 4	200	63.513	60	108	82.6	86	-	10	6.5	14.7	3-M10
500/A ₁ 11	500	196.869	190	280	235	135	20	16	10	29.4	6-M20



Mounted directly with the machine spindle nose and with nice rigidity and high accuracy.

The chuck mounting types are classified as form A1, A2, C and D. The connecting dimensions conform to GB/T5900.1-GB/5900.3(ISO702) standards.

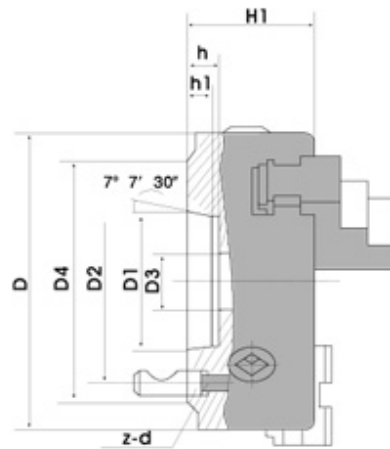
The structure types of jaws are classified as one-piece jaws, two-piece jaws for form A and form C.

Selection table for no of single noses to K11 chucks

Size	Series No.							
	Mtg.form							
	A1	A2	C.D	A1	C.D	A1	A2	C.D
	Short-taper No.							
125	-	-	3	-	4	-	-	-
160	-	-	4	-	5	-	-	3
200	5	-	5	6	6	-	4	4
250	6	-	6	8	8	5	5	5
315	8	-	8	-	11	6	6	6
400	11	-	11	-	15	8	8	8
500	15	-	15	-	-	11	11	11
630	15	15	15	-	20	-	11	11

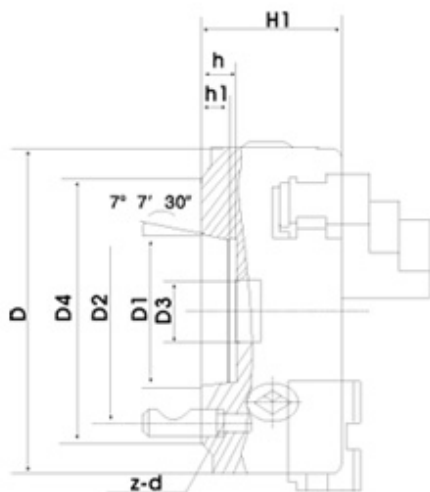
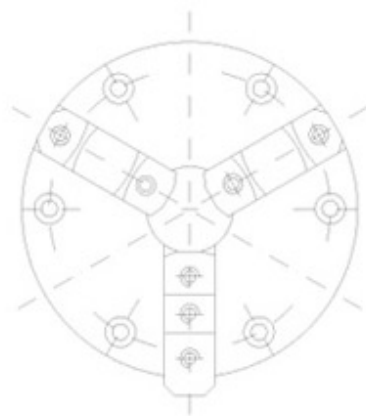


From D Mounting From Front



Dimension characteristic parameters

Size	D	D1	D2	D3	D4	H1	h	h1	z-d
125/D3	125	53.975	70.6	25	92	63	13	10	3-M10
125/D4	125	63.513	82.6	25	117	63	13	10	3-M10
160/D3 160A/D3	160	53.975	70.6	40	92	76	13	10	3-M10
160/D4 160A/D4	160	63.513	82.6	40	117	70	13	10	3-M10
160/D5 160A/D5	160	82.563	104.8	40	146	73	15	12	4-M10
200/D4 200C/D4 200A/D4	200	3.513	82.6	50	117	86	13	10	3-M10
200/D5 200C/D5 200A/D5	200	82.563	104.8	50	146	86	15	12	4-M10
200/D6 200C/D6 200A/D6	200	106.375	133.4	50	181	86	16	13	4-M12
250/D5 250C/D5 250A/D5	250	82.563	104.8	70	146	95	15	12	4-M10
250/D6 250C/D6 250A/D6	250	106.375	133.4	70	181	98	16	13	4-M12
250/D8 250C/D8 250A/D8	250	139.719	171.4	80	225	98	18	14	4-M16
325/D6 325C/D6 325A/D6	325	106.375	133.4	100	181	103.5	16	13	4-M12
325/D8 325C/D8 325A/D8	325	139.719	171.4	105	225	103.5	18	14	4-M16
325/D11 325C/D11 325A/D11	325	196.869	235	105	298	103.5	20	16	6-M20
380/D8 380C/D8 380A/D8	380	139.719	171.4	130	225	118	18	14	4-M16
380/D11 382C/D11 382A/D11	380	196.869	235	135	298	118	20	16	6-M20
500A/D11	500	196.869	235	190	298	135	20	16	6-M20
500A/D15	500	285.775	330.2	210	403	135	21	17	6-M24

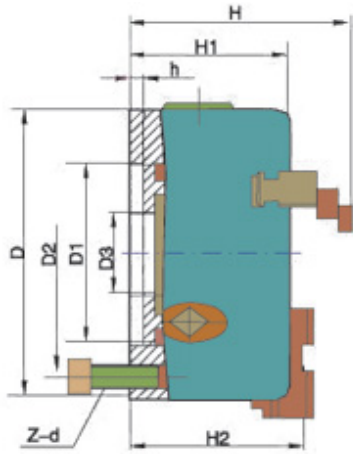
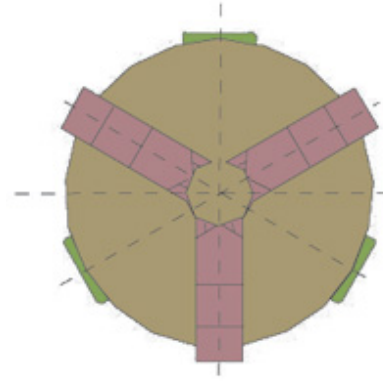


Mounted with the machine spindle nose as follows:

1. At first, the adapter plate for form A₂ can be mounted with the machine spindle nose.
2. Secondly, the chuck can be mounted with the adapter plate from front. The structure of the jaws includes one-piece ones and two piece ones for form A, C.

Dimension characteristic parameters

Model	D	D1	D2	D3	D4	d1	H1	h	h1	h2	z-d
165/A ₂ 5	165	82.563	104.8	40	133	16.3	82	13	7.5	21	6-M10
200/A ₂ 5 200C/A ₂ 5 200A/A ₂ 5	200	106.375	133.4	65	165	19.5	95	16	8	23	6-M12
250/A ₂ 6 250C/A ₂ 6 250A/A ₂ 6	250	106.375	133.4	80	165	19.5	105	14	8	20	6-M12
250/A ₂ 8 250C/A ₂ 8 250A/A ₂ 8	250	139.719	171.4	80	210	24.2	105	16	10	25	6-M16
315/A ₂ 8 315/A ₂	315	139.719	171.4	80	210	24.2	105	16	10	25	6-M16
315/A ₂ 11 315/A ₂ 11	315	196.869	235	100	280	29.4	120.5	16	10	31	6-M20
400D/A ₂ 8	400	139.719	171.4	130	210	24.2	129	16	8	23	6-M16
400D/A ₂ 11	400	196.869	235	130	280	29.4	130.5	16	10	27	6-M20
500D/A ₂ 11 500D/A ₂ 11	500	196.869	235	210	280	29.4	145	16	10	27	6-M20



Application

Recommended for processing of non-ferrous metals, non-metals like plastics and so on.

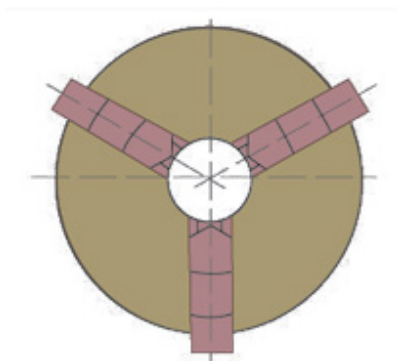
Features

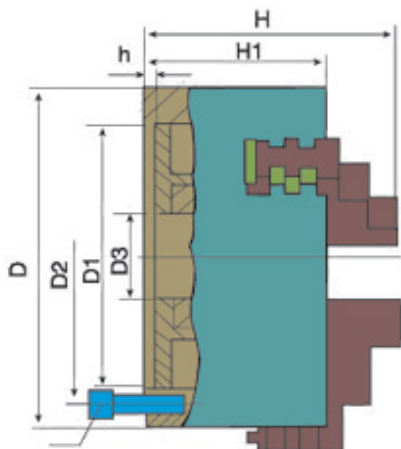
1. High precision short cylindrical center mounting .
2. Flimsy parts are specifically engineered by quenching, for greater durability and extended life.
3. High self-centring precision to the superior gripping force demands.
4. Provided with a set internal jaws and external ones according to the requirements.
5. All kinds of soft jaws can be provided.

Dimension parameters

Size	D1	D2	D3	H	H1	H2	h	z-d	Max.input torque Nm	Max.speed	Net.WT Kg
80	55	66	16	66	50	-	3.5	3-M6	40	4000	1.9
100	72	84	22	74.5	55	-	3.5	3-M8	60	3500	3.2
125	95	108	30	84	58	-	4	3-M8	100	3000	5
130	100	115	30	86	60	-	3.5	3-M8	100	3000	5.6
160	130	142	40	95	65	-	5	3-M8	160	2500	8.3
160A	130	142	40	109	65	71	5	3-M8	160	2500	8.3
165	130	145	40	96.5	66.5	-	4.5	3-M8	250	2500	9.5
190	155	172	55	105	75	-	5	3-M10	250	2000	13.8
200	165	180	65	109	75	-	5	3-M10	250	2000	15.5
200C	165	180	65	122	75	78	5	3-M10	250	2000	14.1

200A	165	180	65	122	75	80	5	3-M10	250	2000	14.1
240	195	215	70	120	80	-	8	3-M12	320	2000	24
240C	195	215	70	130	80	84	8	3-M12	320	1600	20
250	206	250	80	120	80	-	5	3-M12	320	1600	25.7
250C	206	226	80	130	80	84	5	3-M12	320	1600	23
250A	260	226	80	136	80	86	5	3-M12	320	1600	23
315	260	226	100	147	90	-	6	3-M16	400	1200	47
315A	260	285	100	153	90	95	6	3-M16	400	1200	47.5
320	270	285	100	152.5	95	-	11	3-M16	400	1200	47.5
320C	270	290	100	153.5	95	101.5	11	3-M16	400	2000	42
325	272	290	100	153.5	96	-	12	3-M116	400	1200	49
325C	272	296	100	154.5	96	102.5	12	3-M16	400	1200	44
325A	272	296	100	169.5	96	105.5	12	3-M16	400	1200	46
380	325	350	135	155.7	98	-	6	3-M16	500	1000	65
380C	325	350	135	156.5	98	104.5	6	3-M16	500	1000	60
380A	325	350	135	171.5	98	107.5	6	3-M16	500	1000	62
400D	340	368	130	172	100	108	6	3-M16	500	1000	71
500D	440	465	210	202	115	126	6	6-M16	630	800	117.6
500A	440	465	210	202	115	126	6	6-M16	630	800	119
630A	545	586	252	220.5	135	144.5	7	6-M16	800	600	-



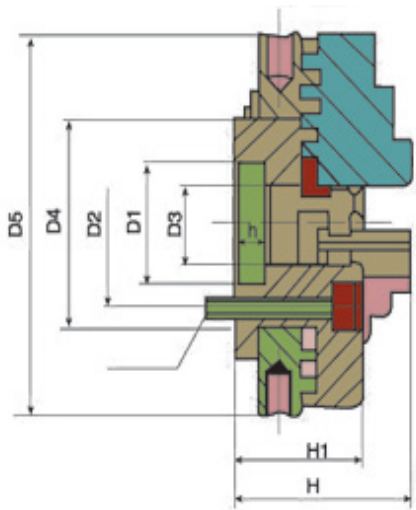
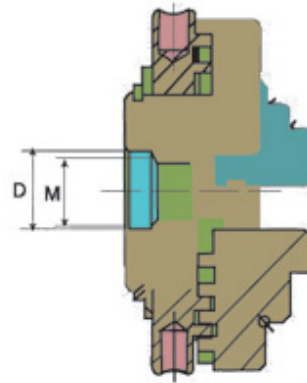


Features:

- 1 . High precision short cylindrical center mounting and the mounting.
- 2 . High quality steel body suitable for higher rotation speed.
- 3 . Flimsy parts are specifically engineered by quenching, for greater durability and extended life.
- 4 . High self-centring precision and superior gripping force to meet the precision processing demands.

Dimension characteristic parameters

Size	D1	D2	D3	H	H1	H2	h	z-d	Max.input torque	Max.speed
80	56	67	16	66	50	-	3.5	3-M6	40	5200
100	70	83	20	75	55	-	3.5	3-M8	60	4800
125	95	108	32	84	58	-	4	3-M8	100	4300
160	125	140	42	95	65	-	5	6-M10	160	3800
160A	125	140	42	109	65	71	5	6-M10	160	3800
200	160	176	55	109	75	-	5	6-M10	250	3100
200A	160	176	55	122	75	80	5	6-M10	250	3100
250	200	224	76	120	80	-	5	6-M12	320	2700
250A	200	224	76	136	80	86	5	6-M12	320	2700
315	260	286	103	147	90	-	6	6-M16	400	2000
315A	260	286	103	153	90	95	6	6-M16	400	2000
400D	330	362	136	172	100	108	6	6-M16	500	1500
500D	420	458	190	202	115	126	6	6-M16	630	1100
500A	420	458	190	202	115	126	6	6-M16	630	1100



Application

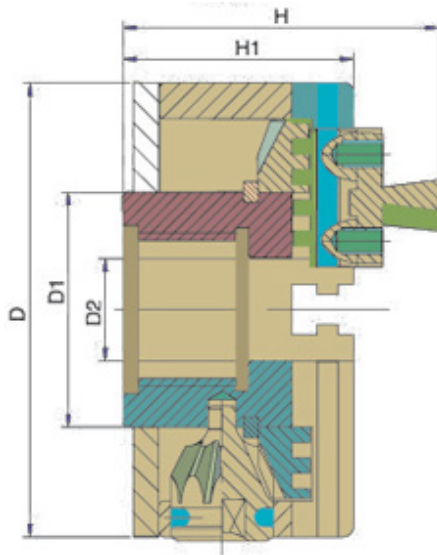
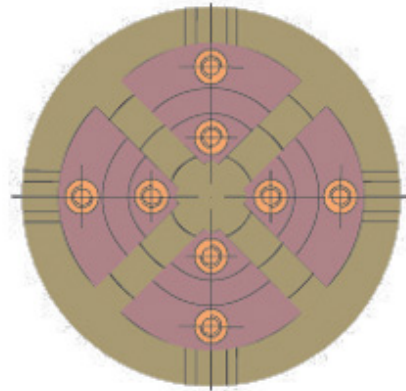
Recommended for meter machine tools in the processing of non-ferrous metals, non-metals like plastics and so on.

Features

1. High precision short cylindrical center mounting and the thread mounting.
2. The compact chucks are in small volume, and user comfort.
3. High self-centring precision with superior gripping force to meet precision processing demands.
4. Flimsy parts are specifically engineered by quenching, for greater durability and extended life.

Dimension parameters

Size	D	D1	D2	D3	D4	D5	H	H1	h	h1	h2s	z-d	M	Clamping range	JamMing range
63	14.1	22	28	14	36	68	34	25	6	5	8	3-M4	M14×1	1-50	16-50
80	16.1	25	35	16	45	84	42	30	6	5	9.5	3-M5	M16×1	1.5-70	20-70
100	24.1	32	42	22	52	104	52	36.5	6	5	13.5	3-M6	M24×1.5	2-90	26-90



Application

Recommended for processing artwork.

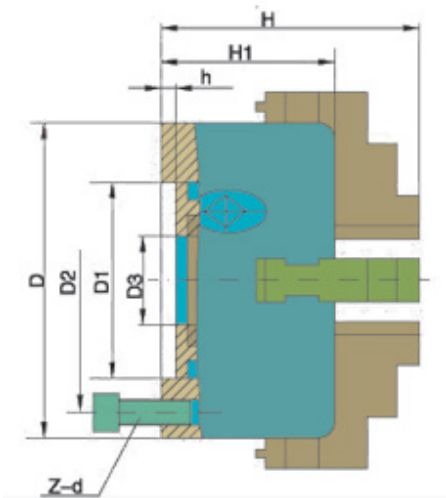
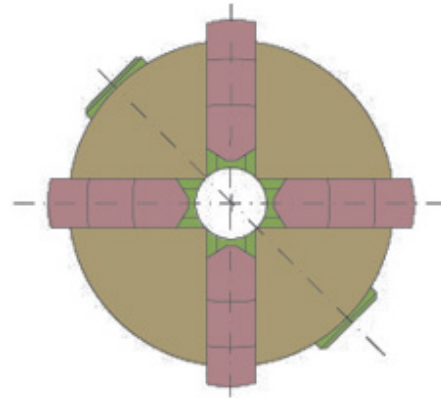
Features

1. High precision short cylindrical center mounting.
2. Flimsy parts are specifically engineered by quenching, for greater durability and extended life.
3. High self-centring precision to superior the gripping force.

Dimension characteristic parameters

Size	D1	D2	D3	H	H1	h	z-d
80	55	66	16	66	50	3.5	4-M6
100	72	84	22	73	53.5	3.5	3-M8
125	95	108	30	84	58	4	3-M8
130	100	115	40	86	60	3.5	3-M8
160	130	142	40	95	65	5	3-M8
160A	130	142	40	109	65	5	3-M8
165	130	145	40	96.5	66.5	4.5	3-M8
190	155	172	55	105	75	5	3-M10
200	165	180	65	109	75	5	3-M10
200C	165	180	65	122	75	5	3-M10

200A	165	215	65	122	75	5	3-M10
240	195	226	70	120	80	8	3-M12
250	206	226	80	120	80	5	3-M12
250C	206	226	80	130	80	5	3-M12
250A	206	296	80	136	80	5	3-M12
325(325C)	272	296	100	153.5(154.5)	96	12	3-M16
325A	272	350	100	169.5	96	12	3-M16
380(380C)	325	350	135	155.5(156.5)	98	6	3-M16
380A	325	350	135	171.5	98	6	3-M16
500A	440	465	210	202	115	6	3-M16



Application

Recommended for processing square components and eight-edged components.

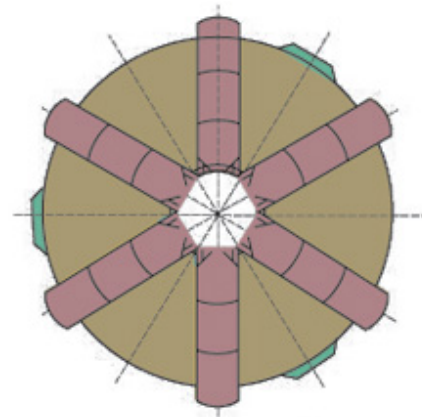
Features

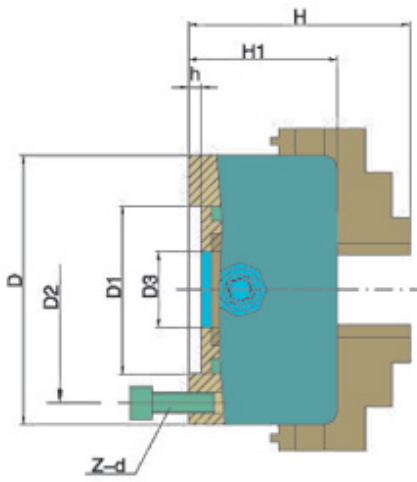
- 1.High precision short cylindrical center mounting .
- 2.Flimsy parts are specifically engineered by quenching,for greater durability and extended life.
3. High self-centring precision to the superior gripping force.

Dimension parameters

Size	D1	D2	D3	H	H1	h	z-d
80	55	66	16	66	50	3.5	4-M6
100	72	84	22	73	53.5	3.5	3-M8
125	95	108	30	84	58	4	3-M8
130	100	115	40	86	60	3.5	3-M8
160	130	142	40	95	65	5	3-M8
160A	130	142	40	109	65	5	3-M8
165	130	145	40	96.5	66.5	4.5	3-M8
190	155	172	55	105	75	5	3-M10
200	165	180	65	109	75	5	3-M10
200C	165	180	65	122	75	5	3-M10
200A	165	215	65	122	75	5	3-M10
240	195	226	70	120	80	8	3-M12
250	206	226	80	120	80	5	3-M12
250C	206	226	80	130	80	5	3-M12
250A	206	296	80	136	80	5	3-M12
325(325C)	272	296	100	153.5(154.5)	96	12	3-M16
325A	272	350	100	169.5	96	12	3-M16
380(380C)	325	350	135	155.5(156.5)	98	6	3-M16
380A	325	350	135	171.5	98	6	3-M16
500A	440	465	210	202	115	6	3-M16

K12 short taper series have the same mountong dimensions as K11 three-jaw short tape series.

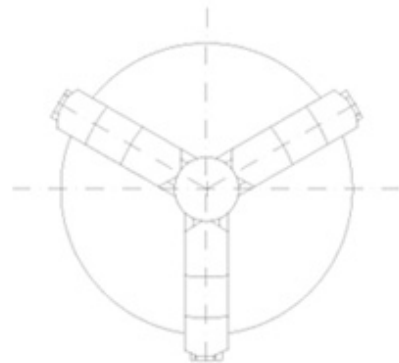
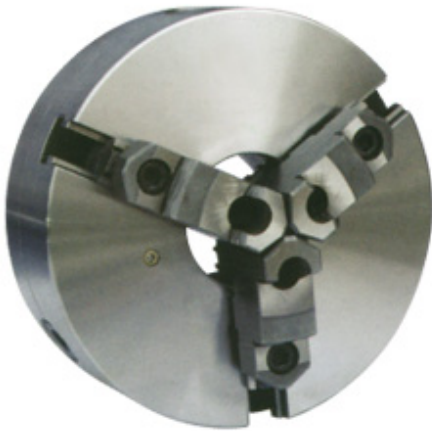


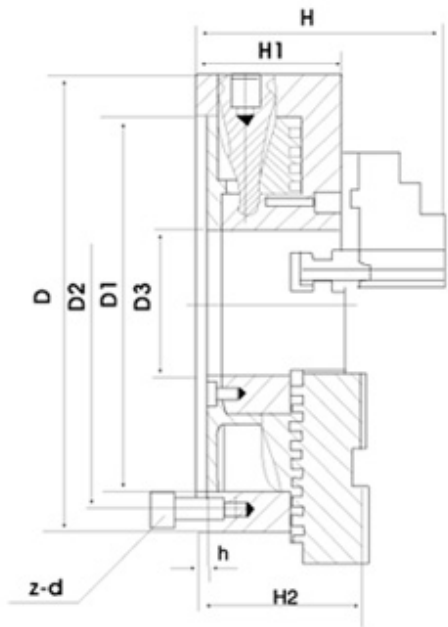


- 1.Short cylindrical center mounting.
- 2.K13 chucks are matched with stepped jaws.
- 3.K13- chucks are matched with sloped jaws.
- 4.Suitable for clamping and machining the thin-walled components.
- 5.Especially suitable for machining all kinds of cutting tools with handles.

Dimension characteristic parameters

Size	D	D1	D2	D3	H	H1	h	z-d
4"	100	72	84	26	73	53.5	3.5	3-M8
5"	130	100	115	35	86	60	3.5	3-M8
6"	165	130	145	42	96.5	66.5	4.5	3-M8
8"	200	165	180	65	109	75	5	3-M10
10"	252	206	226	80	120	80	5	3-M12





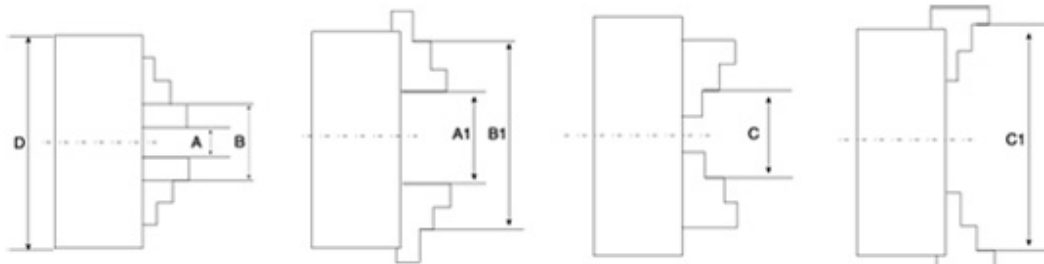
Short cylindrical center mounting.

Steel body and suitable for higher rotation speed.

The model of the jaws are one-piece jaws and two-piece jaws for form A, D (conform to ISO3442 standard).

Dimension characteristic parameters

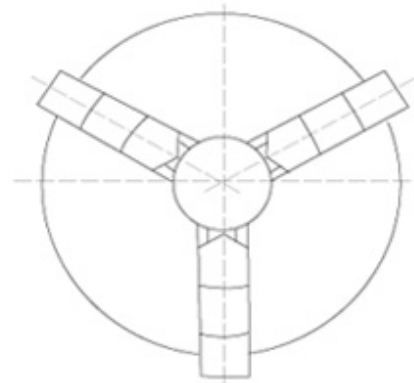
D1	D2	D3	H	H1	H2	h	z-d	Max.input torque Nm	Max.speed	
80	56	67	16	66	50	-	3.5	3-M6	40	5200
100	70	83	20	5	55	-	3.5	3-M8	60	4800
125	95	108	32	84	58	-	4	3-M8	100	4300
160	125	140	42	95	65	-	5	6-M10	160	3800
160A	125	140	42	109	65	71	5	6-M10	160	3800
200	160	176	55	109	75	-	5	6-M10	250	3100
200A	160	176	55	122	75	80	5	6-M10	250	3100
250A	200	224	76	120	80	-	5	6-M12	320	2700
250A	200	224	46	136	80	86	5	6-M12	320	2700
315	260	286	103	147	90	-	6	6-M16	400	2000
315A	260	286	103	153	90	95	6	6-M16	400	2000
400D	330	362	136	172	100	108	6	6-M16	500	1500
500D	420	458	190	202	115	126	6	6-M16	630	110
500A	420	458	190	202	115	126	6	6-M16	630	110



Clamping range

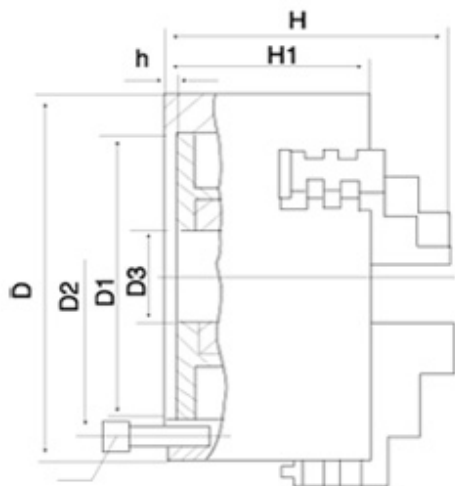
Size	Internal jaw		External jaw
	Clamping range	Jamming range	Clamping range

	A-A1	B-B1	C-C1
80	2-22	25-70	22-63
100	2-30	30-90	30-80
125	2.5-40	38-125	38-110
130	3-40	40-130	40-120
160	3-55	50-160	55-145
165	4-60	52-165	55-150
190	4-70	65-190	65-190
200	4-82	65-200	65-200
240	6-100	80-250	90-250
250	6-110	80-250	90-250
315	10-140	65-315	100-315
320	11.5-145	95-320	100-320
325	11.5-165	95-350	110-340
380	11.5-210	95-400	110-400
400	15-210	120-400	120-400
500	25-280	150-500	150-500
630	50-350	170-630	170-630



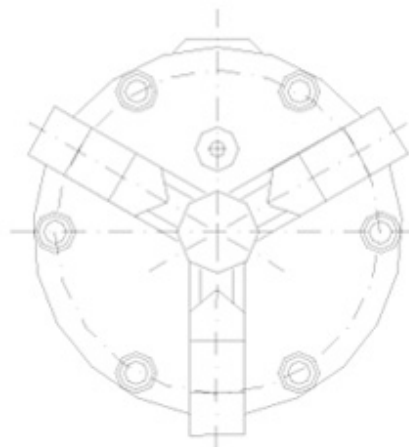
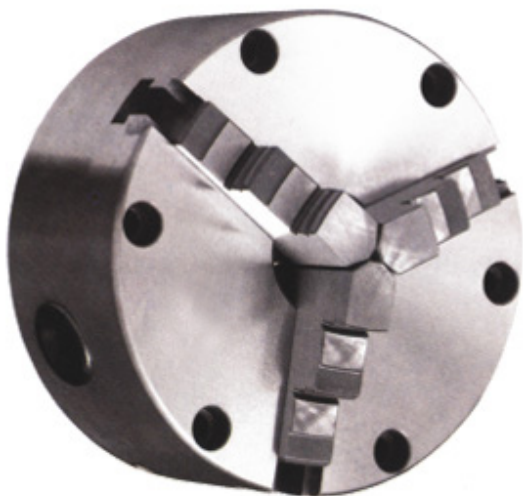
Short cylindrical center mounting.

With double jaw guides,with high intensity and long working life.



Dimension characteristic parameters

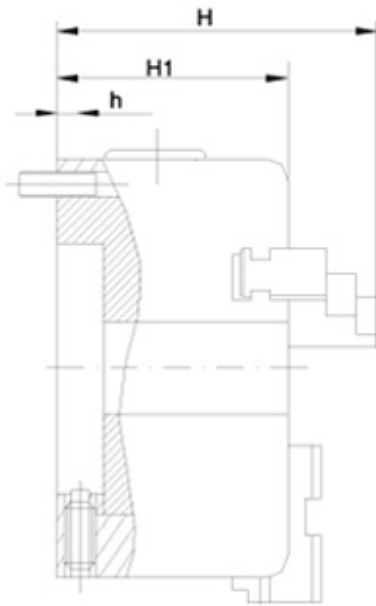
Size	D1	D2	D3	H	H1	h	z-d
160	125	140	42	106	76	5	6-M10
160A	120	140	42	120	76	5	6-M10
200A	165	180	65	133	86	5	6-M10
250A	206	226	80	149	94	5	6-M12
315A	260	285	100	170.5	106	6	6-M16



Application

Recommended for the processing of non-ferrous metals, non-metals like plastics and so on.

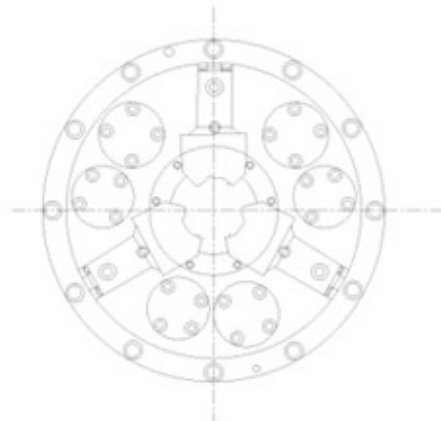
Features

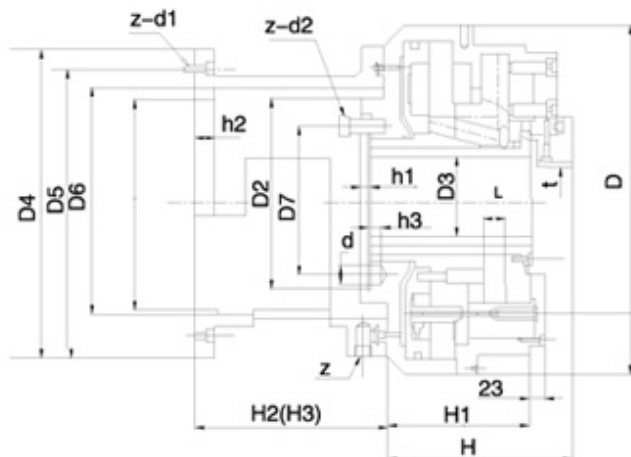


1. High precision short cylindrical center mounting.
2. Flimsy parts are specifically engineered by quenching, for greater durability and extended life.
3. High self-centring precision with superior gripping force to meet the precision processing demands.
4. Provided with a set internal jaws and external ones according to the requirements.
5. All kinds of soft jaws can be provided.

Dimension characteristic parameters

Size	D	D1	D2	D3	H	H1	h	z-d
130	132	55	113	30	88	62	11.5	6-M8
165	165	80	145	40	12	72	13.5	6-M8
167A	167	80	147	44	114.5	70	16	3-M10
200	204	120	180	65	112	78	13.5	6-M10
210A	210	120	190.5	63	124	76	16	3-M10
250C	254	150	226	80	138	88	18	6-M12
325C	330	200	296	100	158.5	100	20.5	6-M16





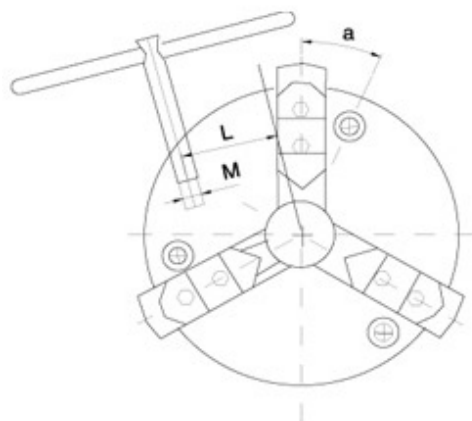
The chucks adopt cylindrical center mounting. Large thru-hole, spring clamping, air-operated loosening and high accuracy clamping. A machine tool shall be equipped with two chucks. The chuck is suitable for petroleum, chemical engineering, geological and metallurgy fields. The product is a special chuck matched with the pipe CNC machine tool.

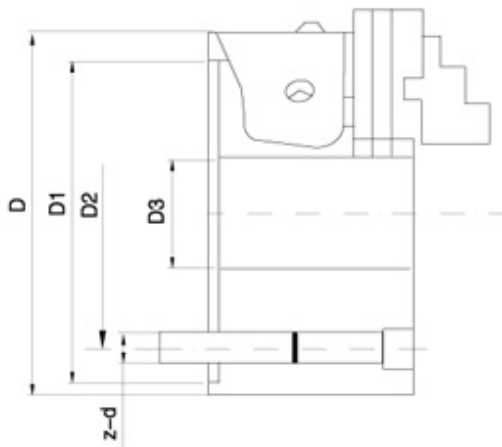
Dimension parameters

Size	D1	D2	D3	D4	D5	D6	D7	d	h1	h2	h3	H
400	250	180	85	315	285	256	145	19.5	15	20	10	190
500	320	250	125	440	380	326	210	25.4	15	25	15	204
550	400	330	205	470	445	406	290	25.4	15	20	10	210
650	500	420	260	600	560	506	320	25.4	15	20	10	230

Characteristic parameters

Size	H1(H2)	H	Z	Z-d1	Z-d2	Lmax Axial wedge stroke	Jaw stroke t(Dia.)	Jamming range
400	160(255)	240	G3/8	6-M10	6-M12	30	16	20-80
500	171.5(265.5)	268.5	G1/2	6-M10	6-M16	36	19	75-120
550	161.5(255.5)	268	G1/2	7-M10	6-M16	36	19	60-200
650	175(270)	290	G1/2	7-M10	6-M16	36	19	100-255



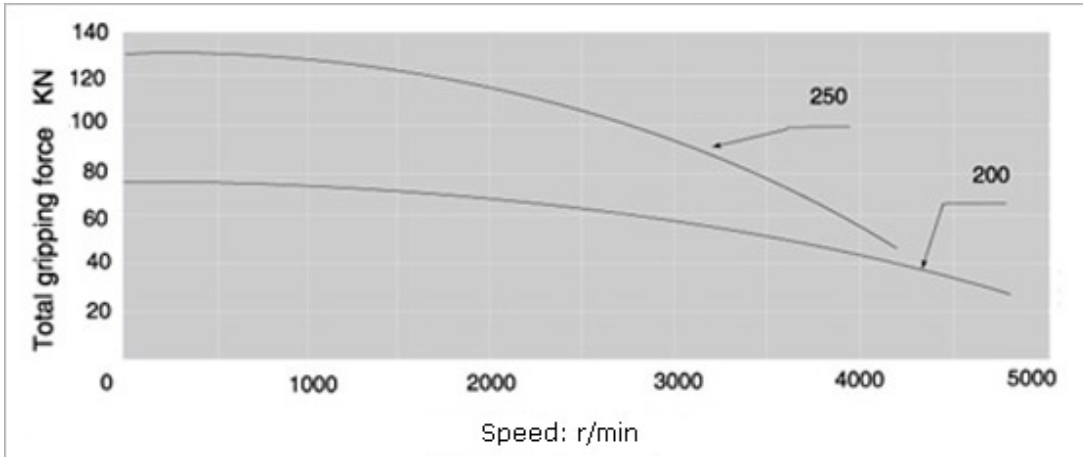


Short cylindrical center connection.

High speed, high gripping force, high accuracy and quick jaw-change.

Manually clamping and jaws changing.

With gripping force compensation.

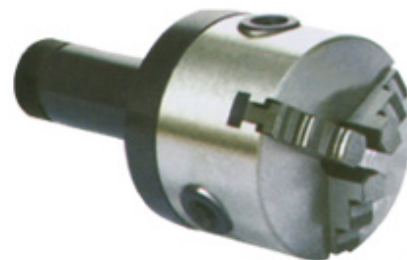


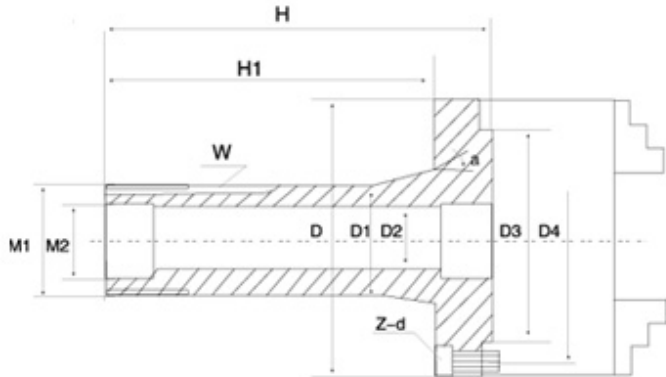
Dimension parameters

Size	D	D1	D2	D3	h	H	L	a	M	Z-d
200	206	185	164	52	5	86	53.5	18°	12	3-M12
250	255	235	200	75	6	98	67	19°30'	14	3-M16

Characteristic parameters

Size	Max.input torque	Gripping force	r/min Jamming range	Jamming range	Gripping force
200	120	75	4800	7-207	71-214
250	160	130	4200	8-253	99-261

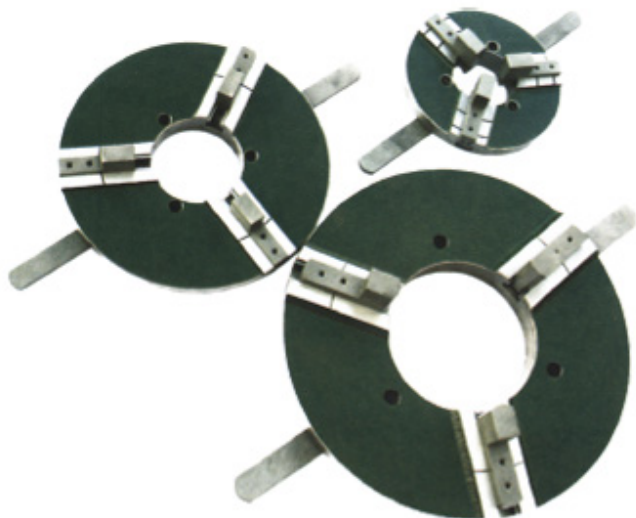


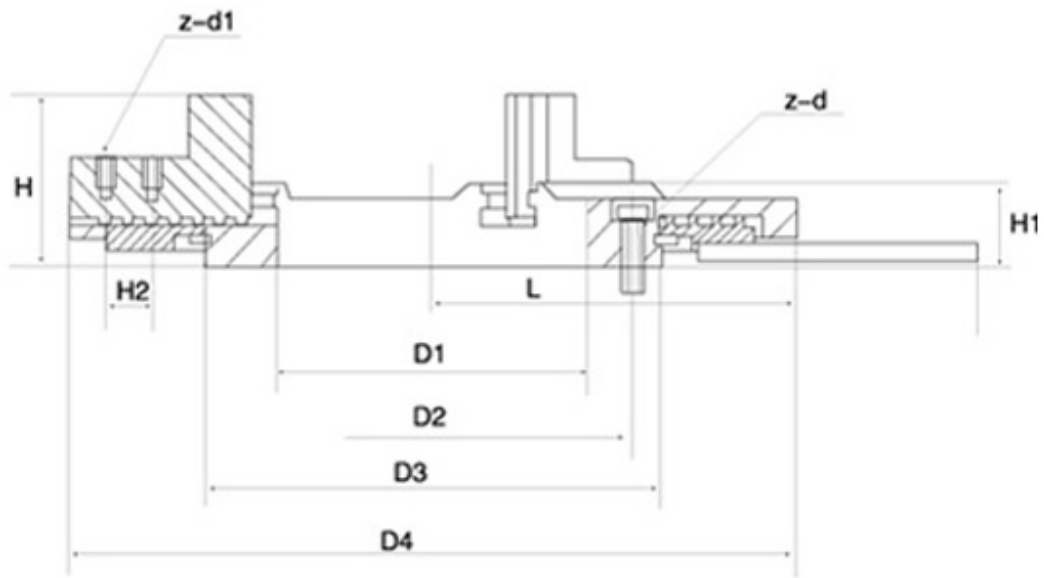


The chucks are available for light-duty processing mounted on machine tools with 5C spring collet. With short mounting time, high centring precision, and large clamping range. There are two types such as KB11 (three jaw self-centring chucks) and KB72 (four-jaw independent chucks). The mounting structure dimensions can be provided as requested.

Dimension characteristic parameters

Size	D	D1	D2	D4	D5	a	M1	M2	w	H	h1	z-d
KB11 3"	80	31.737	19.45	55	66	10°	1.238"-20Ns	1.042"-24Ns	3.175 Key groove width	105	86.12	3-M6
KB11 4"	100	31.737	19.45	72	84	10°	1.238"-20Ns	1.042"-24Ns		105	86.12	3-M8
KB72 3"	80	31.37	19.45	55	66	10°	1.238"-20Ns	1.042"-24Ns		105	86.12	4-M6
KB72 4"	100	31.737	19.45	72	84	10°	1.238"-20Ns	1.042"-24Ns		105	86.12	4-M8





Application

Recommended for the processing of non-ferrous metals, non-metals like plastics and so on.

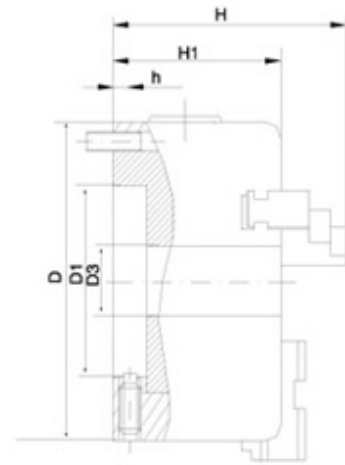
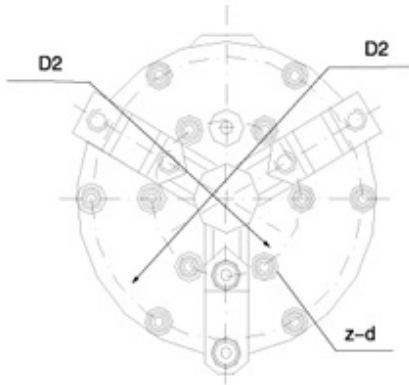
Features

1. High precision short cylindrical center mounting.
2. The compact chucks are in small volume, and user comfort.
3. The ideal chuck for welding and cutting pipe workpieces.
4. High self-centring precision with superior gripping force to meet precision processing demands.
5. Flimsy parts are specifically engineered by quenching, for greater durability and extended life.

Dimension parameters

Size	D1	D2	D3	D4	D5	H	H1	H2	l	z-d1	z-d
200	80	100	120	200	200	67.5	32	21	200	6-M6	3-M8
300	100	120	150	300	300	67.5	32	21	240	6-M6	3-M8
400	170	220	250	400	400	95	45	25	300	6-M6	3-M10





Short cylindrical center mounting.

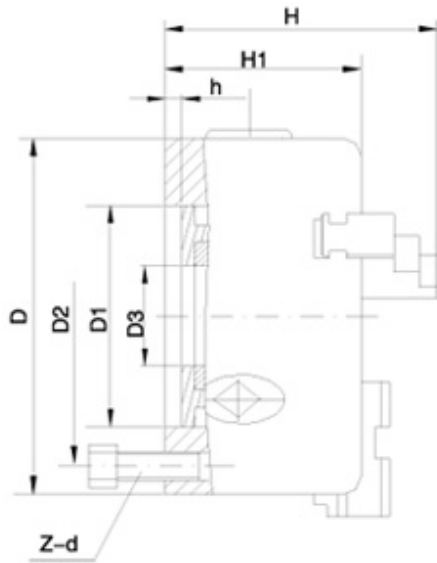
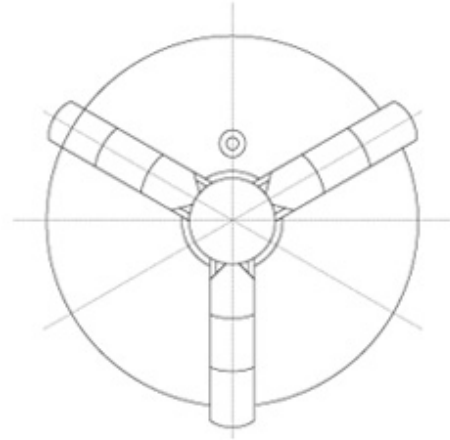
KM31 are of three-jaw and KM33 are of six-jaw.

With adjustable structure, the clamping precision can reach 0.013mm, 15" can reach 0.025mm.

Dimension characteristic parameters

Size	D	D1	D2	D3	H	H1	h	z-d
125	127	66.33	112.73	33	95.7	56	16.7	3-M6
5 in	5	2.375	4.438	1.299	3.768	2.205	0.657	3-1/4-20
160	152.5	79.37	135.70	39	98.6	59	17.5	6-M6
6 in	6	3.125	5.343	1.535	3.882	2.323	0.689	6-1/4-20
200	210	120.65	190.5	57.5	132.2	79.3	19.1	6-M10
8 in	8.27	4.75	7.5	2.264	5.206	3.122	0.752	6-3/8-16
250	254	161.90	111.13	72	153.8	88.7	20.4	6-M12
10 in	10	6.374	4.375	2.935	6.056	3.492	0.803	6-7/16-14
315	305	200.79	133.35	83	166.9	101.1	20.4	6-M12
12 in	12	7.9.5	5.25	3.268	6.569	.980	0.803	6-1/2-12
380	381	299.237	171.45	108	223.5	136.2	27	6-M16
15 in	15	11.781	6.2	4.252	8.799	5.362	1.063	6-5/8-11

Note: The chucks with use inner tapped holes while others use outer tapped holes.



Short cylindrical center mounting.

The self-centring precision inspecting items reach or exceed the required international standards of grade 1 (precision grade) of chucks.

Dimension characteristic parameters

Size	D	D1	D2	D3	H	H1	h	z-d
85	86	60	73	16	65	49	3.5	3-M6
130	132	100	115	32	80	60	5	3-M8
165	167	130	147	45	92	66.5	4.5	3-M10
190	192	155	172	58	106	76	5	3-M10
190A	192	155	172	58	121	76	5	3-M10
230	233	190	210	70	116.5	81	6.5	3-M12
230A	233	190	210	70	133	81	6.5	3-M12
310	315	260	285	100	134.5	90	6	3-M12