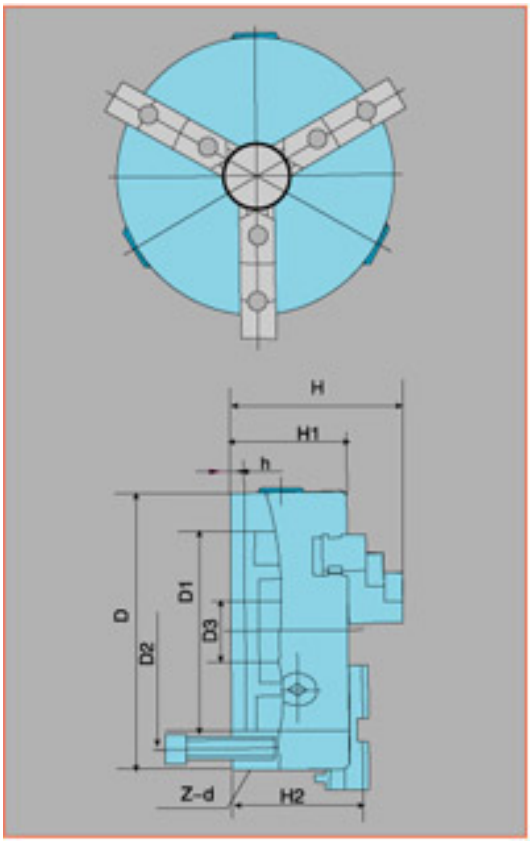
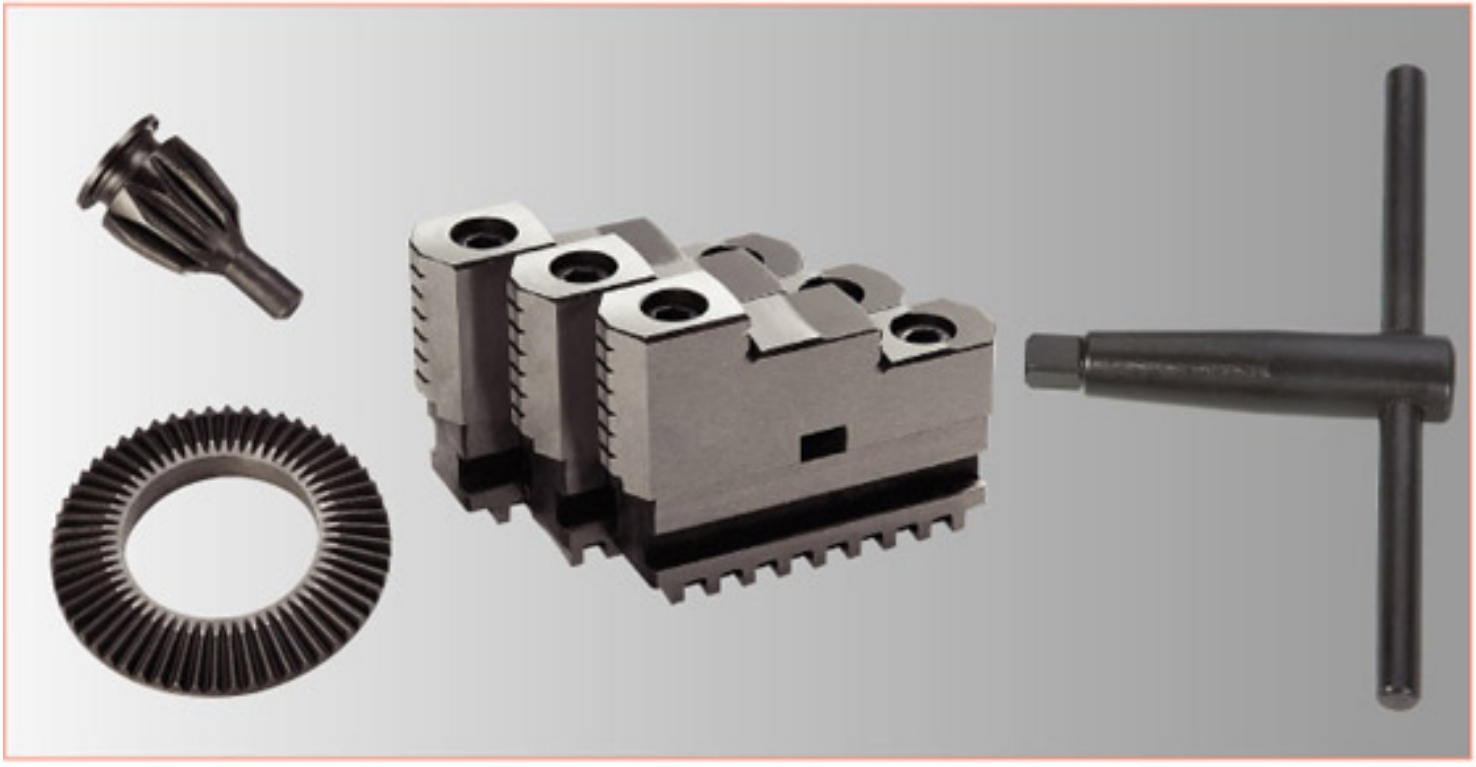

H
H1
h
D
D1
D3
D2
Z-d
H2

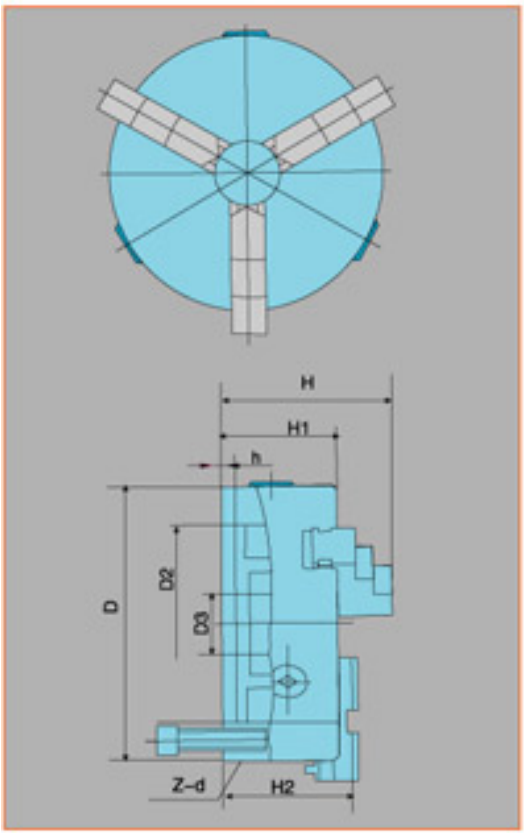


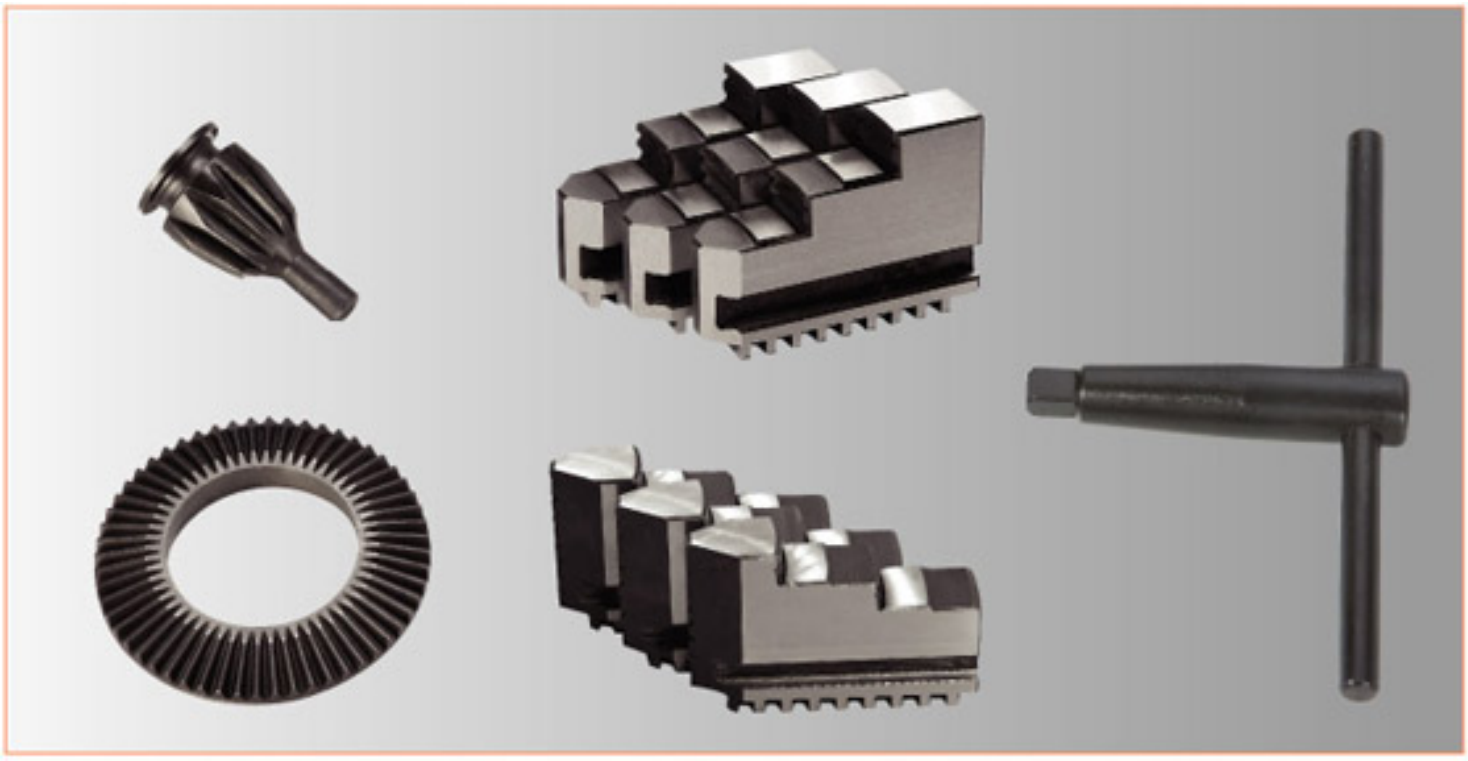
Features:

1. Short cylindrical center mounting.
2. The jaws for K11A,k11C and K11D chucks are composed of two-piece jaws.They can perfrom as either internal jaws through adjustment.
3. The jaws for K11A and K11D chucks conform to ISO3442 standard.
4.Model K11C chucks are supplied with traditional two-piece jaws.
5. We can provide all kinds of soft jaws.

Characteristic parameters

Size	D1	D2	D3	H	H1	H2	h	z-d	Max.input torque	Max.speed	Net.WT
160A	130	142	40	109	65	71	5	3-M8	160	2500	8.3
200C	165	180	65	122	75	78	5	3-M10	250	2000	14.1
200A	165	180	70	122	75	80	5	3-M10	250	2000	14.1
240C	195	215	80	130	80	84	8	3-M12	320	1600	20
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
315A	260	285	100	153	90	95	6	3-M16	400	1200	41
320C	270	290	100	153.5	95	101.5	11	3-M16	400	1200	42
325C	272	296	100	154.5	96	102.5	12	3-M16	400	1200	44
325A	272	296	100	169.5	96	105.5	6	3-M16	400	1200	46
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
4000D	340	368	130	172	100	108	6	3-M16	500	1000	71
500D	440	465	210	202	115	126	6	3-M16	630	800	117.6
500A	440	465	210	202	115	126	6	3-M16	630	800	119
630D	560	595	270	218	133.5	142	7	3-M16	800	600	-



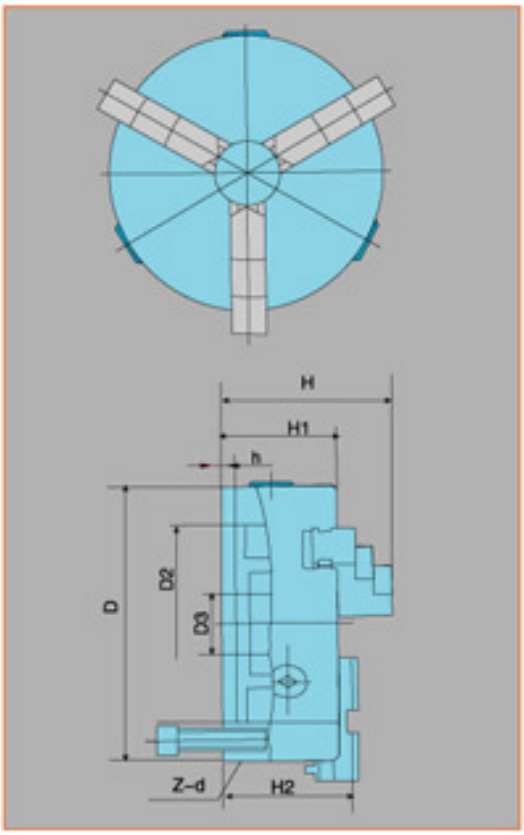


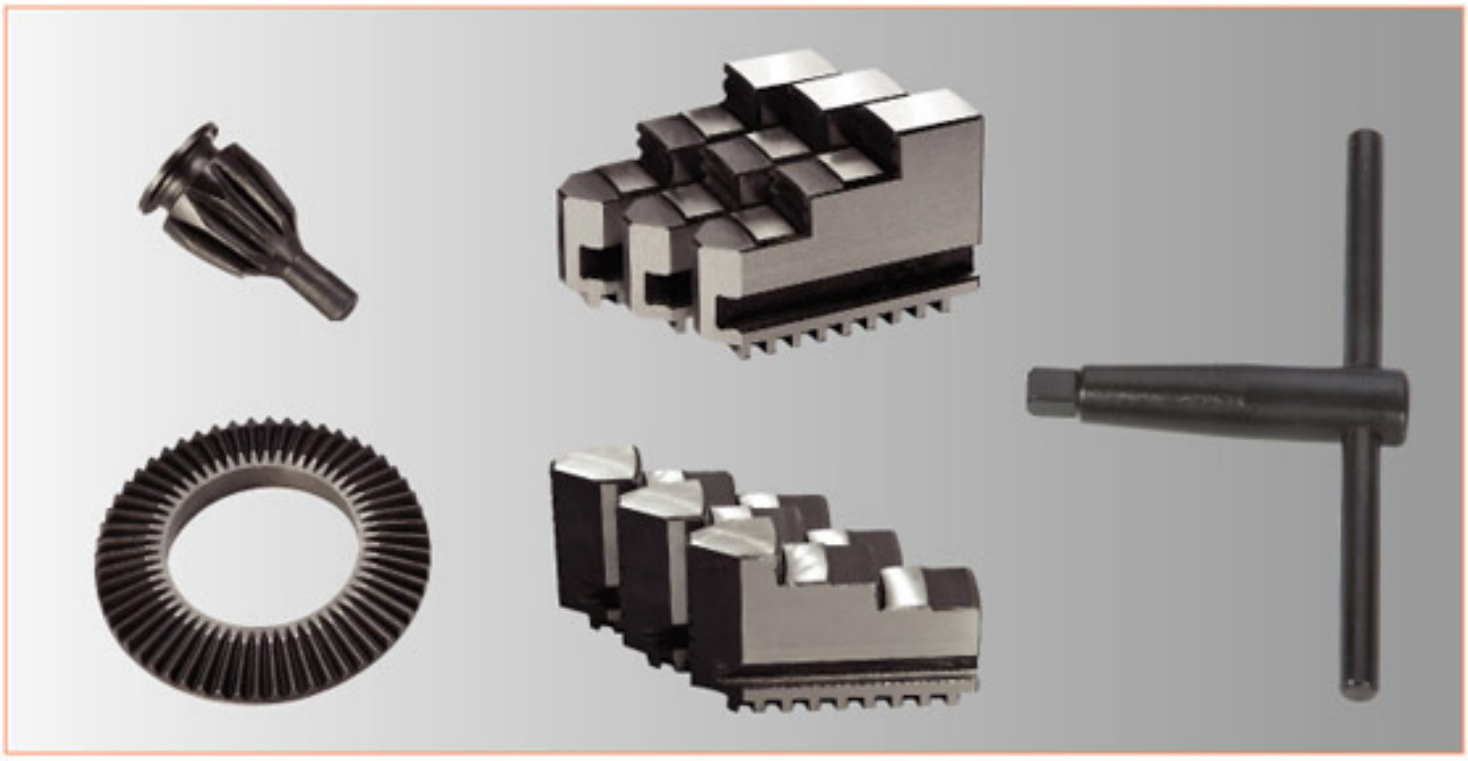
Features

1. Short cylindrical center mounting.
2. Model K11 chucks are provided with one-piece jaws (which include a set of internal jaws and a set of external jaws).
3. As requested, we can provide chucks mounted from front.

Characteristic parameters

Size	D1	D2	D3	H	H1	H2	h	z-d	Max.input torque	Max.speed	Net.WT
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	8.8
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
240	195	215	70	120	80	-	8	3-M12	320	2000	24
250	206	226	80	120	80	-	5	3-M12	320	1600	25.7
315	260	285	100	147	90	-	6	3-M16	400	1200	47
320	270	290	100	152.5	95	-	11	3-M16	400	1200	47.5
325	272	296	100	153.5	96	-	12	3-M16	400	1200	49
380	325	350	135	155.7	96	-	6	3-M16	500	1000	65



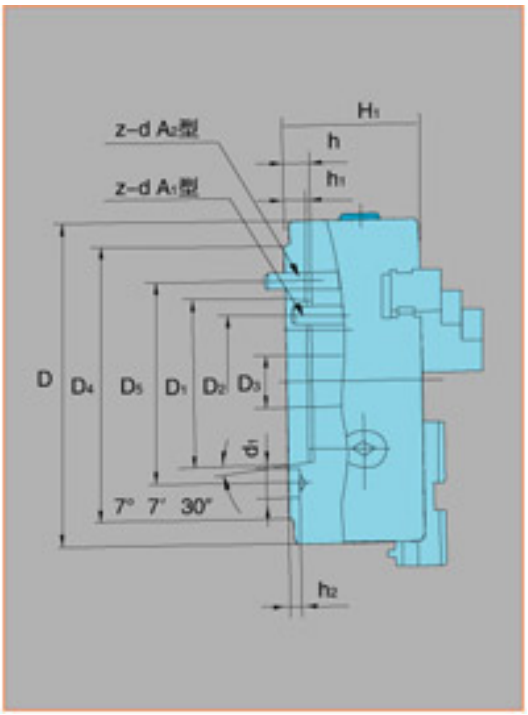


Features

1. Short cylindrical center mounting.
2. Model K11 chucks are provided with one-piece jaws (which include a set of internal jaws and a set of external jaws).
3. As requested, we can provide chucks mounted from front.

Characteristic parameters

Size	D1	D2	D3	H	H1	H2	h	z-d	Max.input torque	Max.speed	Net.WT
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	8.8
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
240	195	215	70	120	80	-	8	3-M12	320	2000	24
250	206	226	80	120	80	-	5	3-M12	320	1600	25.7
315	260	285	100	147	90	-	6	3-M16	400	1200	47
320	270	290	100	152.5	95	-	11	3-M16	400	1200	47.5
325	272	296	100	153.5	96	-	12	3-M16	400	1200	49
380	325	350	135	155.7	96	-	6	3-M16	500	1000	65

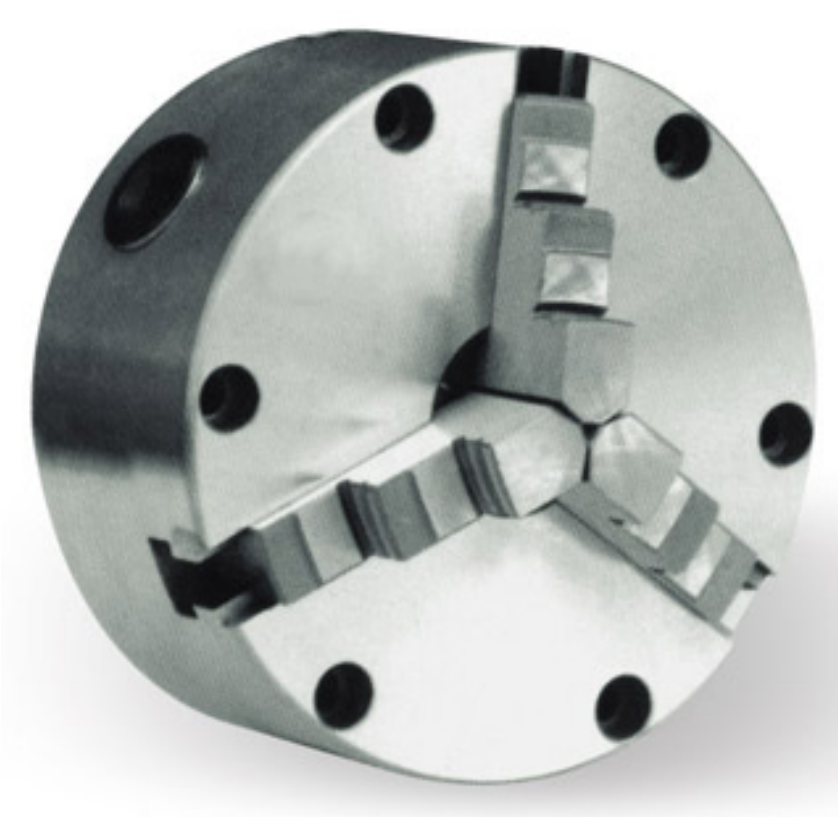


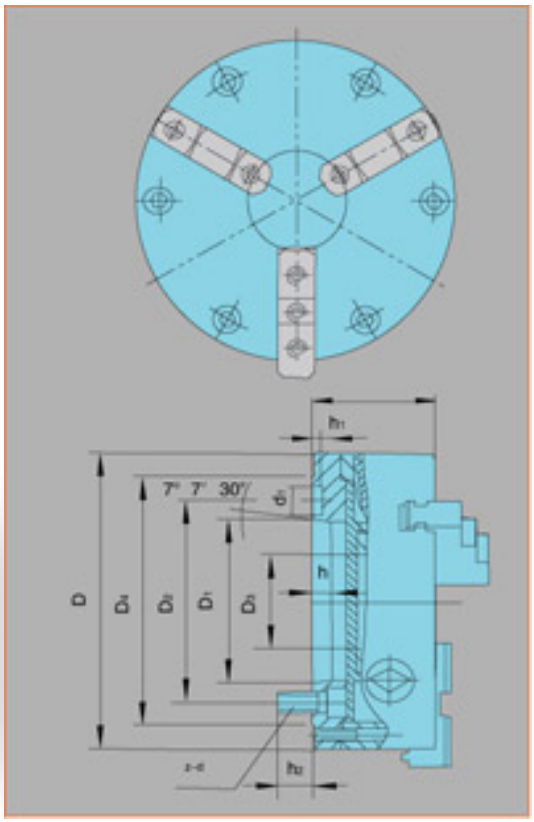
From A1(Use inner tapped holes)

Size	D	D1	D2	D3	D4	D5	H	h	h1	h2	d1	z-d	Net WT
200/$A_1$5 200C/ $A_1$5 200A/$A_1$5	200	82.563	61.9	40	133	104.8	84	14.288	12	6.5	16.3	3-M10	17
250/$A_1$6 250C/ $A_1$6 200A/$A_1$6	250	106.375	82.6	55	165	133.4	93	15.875	13	6.5	19.5	6-M12	31
325/$A_1$6 325C/ $A_1$6 325A/$A_1$6	325	106.375	82.6	55	165	133.4	106	15.875	13	6.5	19.5	6-M12	30
325/$A_1$8 325C/ $A_1$8 325A/$A_1$8	325	139.719	111.1	78	210	171.4	106	17.462	14	8	24.2	6-M16	52
380/$A_1$8 380C/ $A_1$8 380A/$A_1$8	380	139.719	111.1	78	210	171.4	118	17.462	14	8	24.2	6-M16	53
500/$A_1$11	500	196.869	165.1	125	280	235	135	19.050	16	10	29.4	6-M20	159
500/$A_1$15	500	285.775	247.6	200	380	330.2	135	20.638	17	10	35.7	6-M24	159

From A2(Use outer tapped holes)

Size	D	D1	D2	D3	D4	D5	H	h	h1	h2	d1	z-d	Net WT
200/$A_2$4 200C/$A_2$4 200A/$A_2$4	200	63.513	60	60	108	82.6	86	-	10	6.5	14.7	3-M10	17
500/$A_2$11	250	196.869	190	190	280	235	135	20	16	10	29.4	6-M20	159





From A2(Use adapter plate)

Features:

Mounted with machine spindle nose as follows:

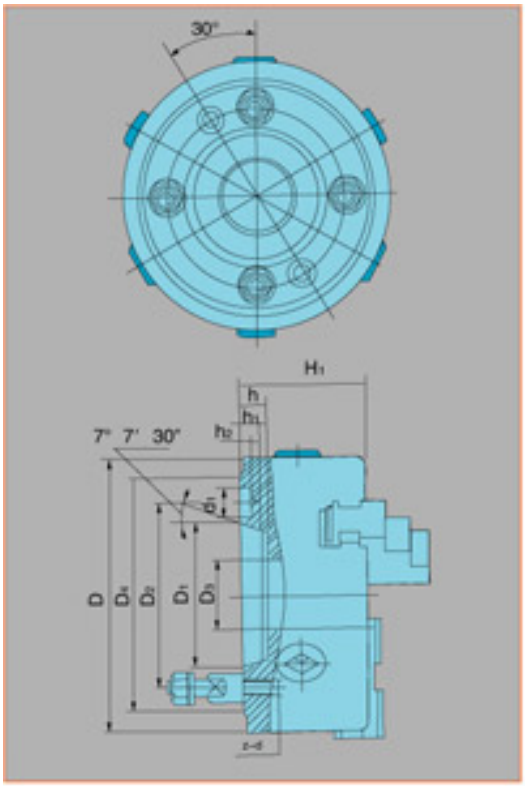
1.At first,the adapter plate for form A2 can be miunted with the machine spindle nose.

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

From A1(Use inner tapped holes)

Size	D	D1	D2	D3	D4	H1	h	h1	h2	z-d	Net WT
165/$A_2$5	165	82.563	104.8	40	133	82	13	7.5	21	6-M10	11
200/$A_2$5 200C/$A_2$5 200A/ $A_2$5	200	82.863	104.8	65	165	95	16	8	23	6-M10	19
250/$A_2$6 250C/$A_2$6 200A/ $A_2$6	250	106.375	133.4	80	165	105	14	8	20	6-M12	34
250/$A_2$6 250C/$A_2$6 250A/ $A_2$6	250	139.719	171.4	80	210	105	16	10	25	6-M16	34

315/$A_2$8 315A/$A_2$8	315	139.719	171.4	100	210	120	16	8	22	6-M16	61
315/$A_2$11 315A/$A_2$11	315	196.869	235	100	280	120.5	16	10	31	6-M20	61
400/$A_2$8	400	139.719	171.4	130	210	129	16	8	23	6-M16	-
400/$A_2$11	400	196.869	235	130	280	130.5	16	10	27	6-M20	-
500/$A_2$11 500/$A_2$11	500	196.869	235	210	280	145	16	10	27	6-M20	173

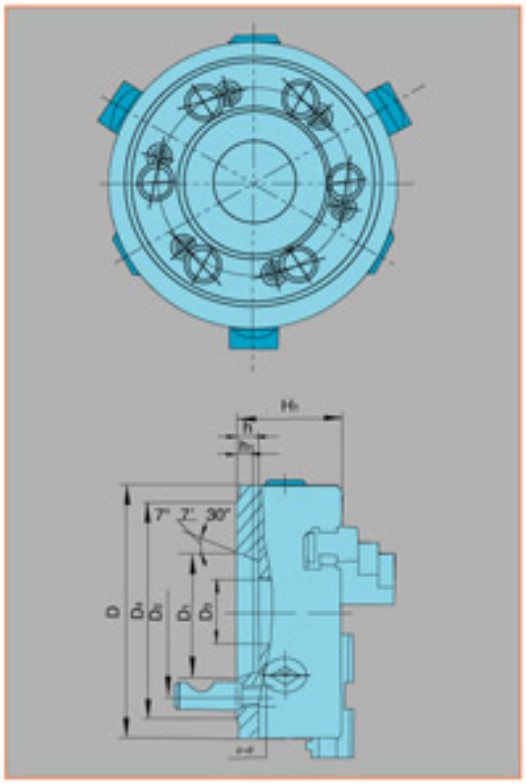


Form C Mounting with studs and camlocks

Characteristic parameters

Model	D	D1	D2	D3	D4	d1	H1	h	h1	h2	z-d	Net.WT
125/C3	125	53.975	75	25	102	-	63	13	10	-	3-M10	30
165/C4	125	63.513	85	25	112	14.7	63	13	10	6.5	3-M10	30
160/C3 160A/C3	160	53.975	75	40	102	-	76	13	10	-	3-M10	10
160/C4 160A/C4	160	63.513	85	40	112	14.7	70	13	10	6.5	3-M10	10
160/C5 160A/C5	160	82.563	104.8	40	135	16.3	73	15	12	6.5	4-M10	10
200/C4 200C/C4 200A/C4	200	63.513	85	50	112	14.7	84	13	10	6.5	3-M10	17
200/C5 200C/C5 200A/C5	200	82.563	104.8	50	135	16.3	84	15	12	6.5	4-M10	17
200/C6 200C/C6 200A/C6	200	106.375	133.4	50	170	19.5	84	16	13	6.5	4-M12	17
250/C5 250C/C5 250A/C5	250	82.563	104.8	70	135	16.3	95	15	12	6.5	4-M10	30
250/C6 250C/C6 250A/C6	250	106.375	133.4	70	170	19.5	95	16	13	6.5	4-M12	30
250/C8 250C/C8 250A/C8	250	139.719	171.4	80	220	24.2	95	18	14	8	4-M16	30
325/C6 325C/C6 325A/C6	325	106.375	133.4	100	17	29.4	103.5	16	13	6.5	4-M12	53
325/C8 325C/C8 325A/C8	325	139.719	171.4	105	220	24.2	106	18	14	8	4-M16	53
325/C11 325C/C11 325A/C11	325	196.869	235	105	290	29.4	106	20	16	10	6-M20	53
380/C8 382C/C8 382A/C8	380	139.719	17.4	130	220	24.2	118	18	14	8	4-M16	79
380/C11 382C/C11 382A/C11	380	196.869	235	135	290	29.4	118	20	16	10	6-M20	79
500D/C11	500	196.869	235	190	290	29.4	135	20	16	10	6-M20	159

500D/C15	500	285.775	330.2	210	400	35.7	135	21	17	10	6-M20	159

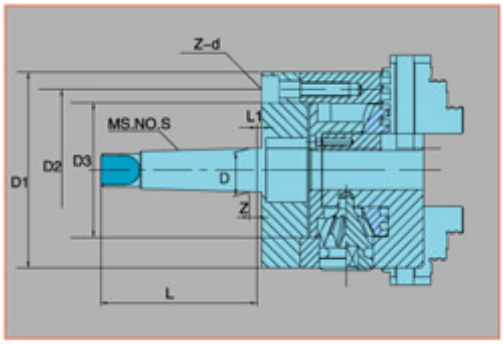


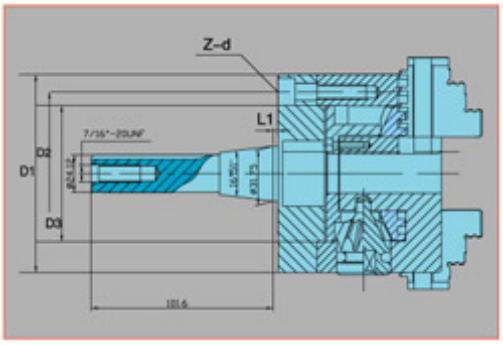
Form D Mounting with studs and camlocks

Characteristic parameters

Model	D	D1	D2	D3	D4	H1	h	h1	z-d	Net.WT
125/D3	125	53.975	70.6	25	92	63	13	10	3-M10¡Á1	-
125/D4	125	63.513	82.6	25	117	63	13	10	3-M10¡Á1	-
160/D3 160A/D3	160	53.975	70.6	40	92	76	13	10	3-M10¡Á1	10
160/D4 160A/D4	160	63.513	82.6	40	117	70	13	10	3-M10¡Á1	10
160/D5 160A/D5	160	82.563	104.8	40	146	73	15	12	6-M12¡Á1	10
200/D4 200C/D4 200A/D4	200	3.513	82.6	50	117	86	13	10	3-M10¡Á1	17
200/D5 200C/D5 200A/D5	200	82.563	104.8	50	146	86	15	12	6-M12¡Á1	17
200/D6 200C/D6 200A/D6	200	106.375	133.4	50	181	86	16	13	6-M12¡Á1.5	17
250/D5 250C/D5 250A/D5	250	82.563	104.8	70	146	95	15	12	6-M12¡Á1	31
250/D6 250C/D6 250A/D6	250	106.375	133.4	70	181	98	16	13	6-M16¡Á1.5	32
250/D8 250C/D8 250A/D8	250	139.719	171.4	80	225	98	18	14	6-M20¡Á1.5	32
325/D6 325C/D6 325A/D6	325	106.375	133.4	100	181	103.5	16	13	6-M16¡Á1.5	51
325/D8 325C/D8 325A/D8	325	139.719	171.4	105	225	103.5	18	14	6-M22¡Á1.5	51
325/D11 325C/D11 325A/ D11	325	196.869	235	105	298	103.5	20	16	6-M22¡Á1.5	53

380/D8 380C/D8 380A/D8	380	139.719	171.4	130	225	118	18	14	6-M20¡Á1.5	81
380/D11 382C/D11 382A/ D11	380	196.869	235	135	298	118	20	16	6-M22¡Á1.5	81
500A/D11	500	196.869	235	190	298	135	20	16	6-M22¡Á1.5	159
500A/D15	500	285.775	330.2	210	403	135	21	17	6-M24¡Á1.5	159





Application

Heavy-Duty portable bench or high precision CNC machines.

1.MORSE TAPER MOUNR,change quickly and convenient in operation.

Dimension parameters

Size	D	D1	D2	D3	L ¡ÀIT10/2	Z¡À0.05	L1	z-d
MS1-3"	12.065	80	66	55	53.5	1	3.5	3-M6
MS2-3"	17.780	80	66	55	64	1	5	3-M6
MS3-3"	23.825	80	66	55	81	1	5	3-M6
MS4-3"	31.267	80	66	55	102.5	1.5	6.5	3-M6
MS5-3"	44.399	80	66	55	129.5	1.5	6.5	3-M6

Size	D	D1	D2	D3	L ¡ÀIT10/2	Z¡À0.05	L1	z-d
MS1-4"	12.065	100	84	72	53.5	1	3.5	3-M8
MS2-4"	17.780	100	84	72	64	1	5	3-M8
MS3-4"	23.825	100	84	72	81	1	5	3-M8
MS4-4"	31.267	100	84	72	102.5	1.5	6.5	3-M8
MS5-4"	44.399	100	84	72	129.5	1.5	6.5	3-M8

Size	D1	D2	D3	Z-d	D4
R8-KB11 3"	80	66	55	3-M6	3.5
R8-KB11 4"	100	84	72	3-M8	5

Application
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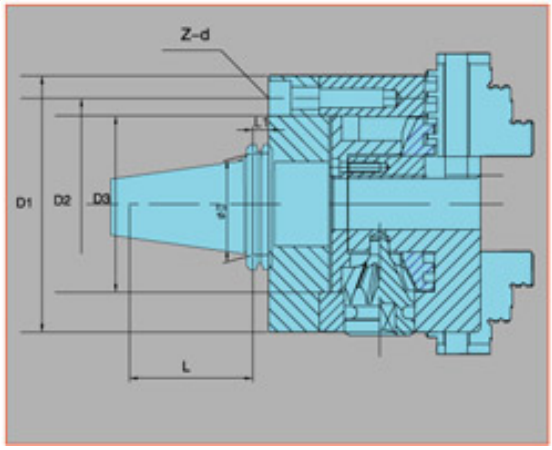
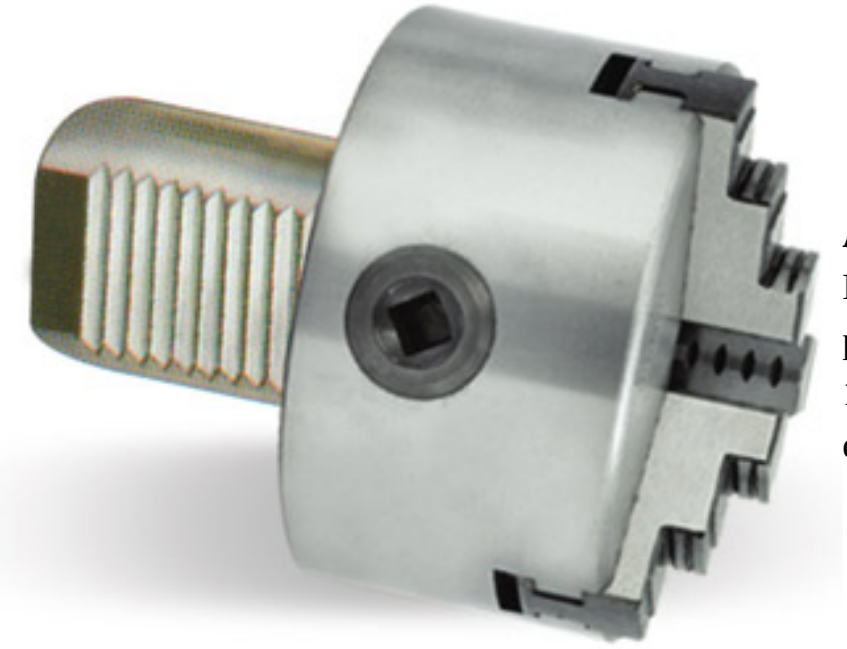
1.MORSE TAPER MOUNR,change quickly and convenient in operation.



Dimension parameters

Size	D	D1	D2	D3	L	L1	z-d
7:24-30-3"	31.750	80	66	55	48.4	10	3-M6
7:24-40-3"	44.450	80	66	55	65.4	10	3-M6

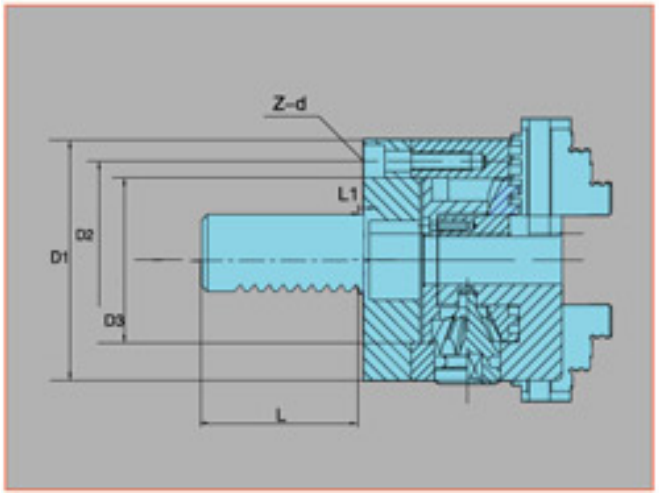
Size	D	D1	D2	D3	L	L1	z-d
7:24-30-4"	31.750	100	84	72	48.4	10	3-M8
7:24-40-4"	44.450	100	84	72	65.4	10	3-M8
7:24-45-4"	57.150	100	84	72	82.8	10	3-M8



Application

Heavy-Duty portable bench or high precision CNC machines.

1.MORSE TAPER MOUNR,change quickly and convenient in operation.



Dimension parameters

Size	D1	D2	D3	Z-d	L1
RK-KB11 3"	80	66	55	3-M6	3.5
RK-KB11 4"	100	84	72	3-M8	5