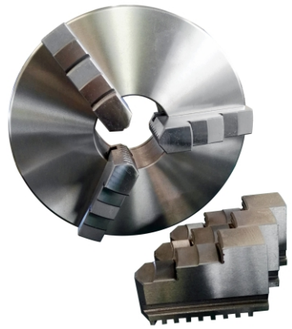
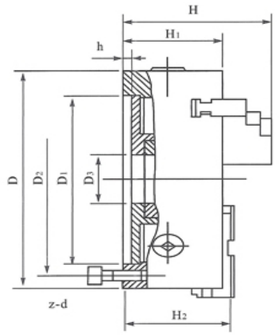
K11 Three Jaw Self-centering Chucks
三爪自定心卡盘





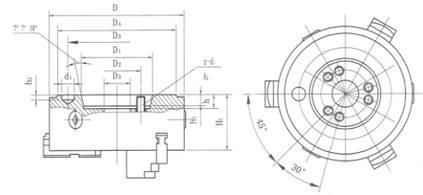


- Short cylindrical center mounting.
- Model K11 chucks are provided with one-piece jaw(including a set of internal jaws and a set of external ones.
- Jaws for K11A,K11C and K11D chucks are composed of two-piece jaws.They can perform as either internal or external jaws through adjustment.
- Jaws for model K11A and K11D chucks conform to ISO3442 standard.
- Model K11c chucks are supplied with traditional two-piece jaws.

Model D	D1	D2	D3	H	H1	H2	h	z-d	N.W.kg
80	55	66	16	66	50	-	3.5	3-M6	1.9
100	72	84	22	74.5	55	-	3.5	3-M6	3.2
125	95	108	30	78	55	-	4	3-M8	5
130	100	115	30	78	55	-	3.5	3-M8	5.6
160	130	142	40	93	65	-	5	3-M8	8.8
160A	130	142	40	109	65	71	5	3-M8	8.3
165	130	145	40	93	65	-	5	3-M8	9.5
190	155	172	55	105	75	-	5	3-M10	13.8
200	165	180	65	109	75	-	5	3-M10	15.5
200C	165	180	65	122	75	78	5	3-M10	14.1
200A	165	180	65	122	75	80	5	3-M10	14.1
240	195	215	70	120	80	-	8	3-M12	24
240A	195	215	70	134	80	85	8	3-M12	20
250	206	226	80	120	80	-	5	3-M12	25.7
250C	206	226	80	130	80	84	5	3-M12	23
250A	206	226	80	134	80	86	5	3-M12	23
315	260	285	100	141	90	-	6	3-M16	47
315C	260	285	100	147	90	95	6	3-M16	41
315A	260	285	100	154	90	96	6	3-M16	41
320	270	290	100	154	95	-	6	3-M16	47.5
320C	270	290	100	154	90	96.5	6	3-M16	42
320A	270	290	100	154	90	96.5	6	3-M16	42
325	272	296	100	154	90	-	6	3-M16	49
325C	272	296	100	154	90	96.5	6	3-M16	44
325A	272	296	100	154	90	96.5	6	3-M16	46
380	325	350	130	155.5	100	-	6	3-M16	65
380C	325	350	130	155.5	100	96.5	6	3-M16	60
380A	325	350	130	170.5	100	96.5	6	3-M16	62
400	340	368	130	155.5	100	-	6	3-M16	74
400A	340	368	130	170.5	100	108.5	6	3-M16	71
500	440	465	200	176	115	-	6	6-M16	124
500A	440	465	200	203	115	123	6	6-M16	119
500D	440	465	200	203	115	123	6	6-M16	117
630	560	595	260	192	130	-	7	6-M16	217
630A	560	595	260	218	130	138	7	6-M16	208
800A	710	760	385	249	148	158	8	6-M20	250
1000A	910	950	460	266	165	216	8	6-M24	746

K11 Three Jaw Self-centering Chucks
三爪自定心卡盘(短锥)





- Mounted directly with machine spindle, with nice rigidity and high accuracy.
- Mounted types are classified as form A1,A2,C and D.

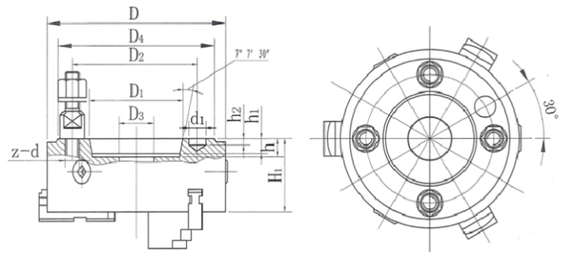
Form A_1:Using Inner Tapered Holes

Model	D	D1	D2	D3	D4	D5	H1	h	h1	h2	d1	z-d	N.W.kg
160/$A_1$5	160	82.563	61.9	40	133	104.8	93	14.288	12	6.5	16.3	3-M10	11
200/$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$5	250	82.563	61.9	40	133	104.8	95	14.288	12	6.5	16.3	3-M10	31
250/$A_1$6	250	106.375	82.6	55	165	133.4	95	15.875	13	6.5	19.5	6-M12	31
315/$A_1$6	315	106.375	82.6	55	165	133.4	106	15.875	13	6.5	19.5	6-M12	49
315/$A_1$8	315	139.719	111.1	78	210	171.4	106	17.462	14	8	24.2	6-M16	50
320/$A_1$6	320	106.375	82.6	55	165	133.4	106	15.875	13	6.5	19.5	6-M12	49
320/$A_1$8	320	139.719	111.1	78	210	171.4	106	17.462	14	8	24.2	6-M16	50
325/$A_1$6	325	106.375	82.6	55	165	133.4	106	15.875	13	6.5	19.5	6-M12	50
325/$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$8	380	139.719	111.1	78	210	171.4	106	17.462	14	8	24.2	6-M16	68
400/$A_1$8	400	139.719	111.1	78	210	171.4	106	17.462	14	8	24.2	6-M16	85
500/$A_1$11	500	196.869	165.1	125	280	235	135	19.05	10	29.4	29.4	6-M20	159
500/$A_1$15	500	285.775	247.6	200	380	330.2	135	20.638	10	35.7	35.7	6-M24	159

Form A_2:Using Outer Tapered Holes

Model	D	D1	D2	D3	D4	H1	h	h1	h2	d1	z-d	N.W.kg
200/$A_2$4	200	63.513	82.6	60	108	94	-	10	6.5	14.7	6-M10	17
200/$A_2$6	200	106.375	133.4	60	165	94	14	12	6.5	19.5	6-M12	18
250/$A_2$6	250	106.375	133.4	80	165	108	14	12	6.5	19.5	6-M12	34
250/$A_2$8	250	139.719	171.4	80	210	126	16	10	8	24.2	6-M16	34
315/$A_2$8	315	139.719	171.4	100	210	120	16	13	8	24.2	6-M16	61
315/$A_2$11	315	196.869	235	100	280	120	16	13	10	29.4	6-M20	58
320/$A_2$6	320	106.375	133.4	100	165	120	16	13	6.5	19.5	6-M12	58
325/$A_2$6	320	106.375	133.4	100	165	123	16	13	6.5	19.5	6-M12	59
325/$A_2$8	325	139.719	171.4	100	210	123	18	14	8	24.2	6-M16	61
380/$A_2$8	380	139.719	171.4	130	210	122	18	14	8	24.2	6-M16	79
400/$A_2$8	400	139.719	171.4	130	210	130.5	18	14	8	24.2	6-M16	96
400/$A_2$11	400	196.869	235	130	280	130.5	20	14	10	29.4	6-M20	96
500/$A_2$11	500	196.869	235	190	280	139	20	16	10	29.4	6-M20	159
500/$A_2$15	500	285.775	330.2	200	380	159	20	17	10	35.7	6-M24	159
630/$A_2$11	630	196.869	235	190	280	160	21	16	10	29.4	6-M20	238
630/$A_2$15	630	285.775	330.2	200	380	160	21	17	10	35.7	6-M24	238
800/$A_2$15	800	285.775	330.2	280	186	186	21	17	10	35.7	6-M24	355
800/$A_2$20	800	412.775	463.6	385	520	186	23	19	10	42.1	6-M24	355
1000/$A_2$15	1000	285.775	330.2	280	380	208	21	17	10	35.7	6-M24	845
1000/$A_2$20	1000	412.775	463.6	400	520	208	23	19	10	42.1	6-M24	845



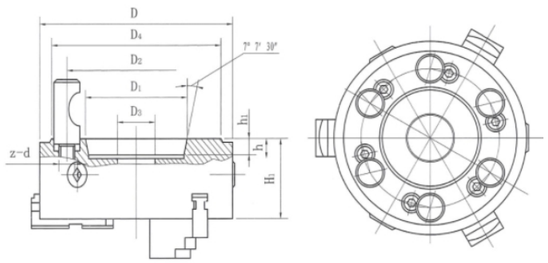


■ Form C:Mounting with Studs and Locknuts

Model	D	D1	D2	D3	D4	H1	h	h1	h2	d1	z-d	N.W.kg
125/C3	125	53.975	75	25	102	63	13	10	-	-	3-M10	6
125/C4	125	63.513	85	25	112	63	13	10	6.5	14.7	3-M10	6
160/C3	160	53.975	75	40	102	76	13	10	-	-	3-M10	10
160/C4	160	63.513	85	40	112	76	13	10	6.5	14.7	3-M10	10
160/C5	160	82.563	104.8	40	135	76	15	12	6.5	16.3	4-M10	10
200/C4	200	63.513	85	50	112	84	13	10	6.5	14.7	3-M10	17
200/C5	200	82.563	104.8	50	135	84	15	12	6.5	16.3	4-M10	17
200/C6	200	106.375	133.4	50	170	84	16	13	6.5	19.5	4-M12	17
250/C5	250	82.563	104.8	70	135	95	15	12	6.5	16.3	4-M10	31
250/C6	250	106.375	133.4	70	170	95	16	13	6.5	19.5	4-M12	31
250/C8	250	139.719	171.4	80	220	95	18	14	8	24.2	4-M16	31
315/C6	315	106.375	133.4	100	170	106	16	13	6.5	19.5	4-M12	50
315/C8	315	139.719	171.4	100	220	106	18	14	8	24.2	4-M16	50
315/C11	315	196.869	235	100	290	106	20	16	10	29.4	6-M20	50
320/C6	320	106.375	133.4	100	170	106	16	13	6.5	19.5	4-M12	51
320/C8	320	139.719	171.4	100	220	106	18	14	10	24.2	4-M16	51
320/C11	320	196.869	235	100	290	106	20	16	10	29.4	6-M20	51
325/C6	325	106.375	133.4	100	170	106	16	13	6.5	19.5	4-M12	53
325/C8	325	139.719	171.4	100	220	106	18	14	8	24.2	4-M16	53
325/C11	325	139.719	235	100	290	106	20	16	10	29.4	6-M20	53
380/C8	380	139.719	171.4	130	220	118	18	14	8	24.2	4-M16	79
380/C11	380	196.869	235	130	290	118	20	16	10	29.4	6-M20	79
400/C8	400	139.719	171.4	130	220	130	18	14	8	24.2	4-M16	95
400/C11	400	196.869	235	130	290	130	20	16	10	29.4	6-M20	95
500/C11	500	196.869	235	190	290	135	20	16	10	29.4	6-M20	159
500/C15	500	285.775	330.2	210	400	135	21	17	10	35.7	6-M24	159
630/C11	630	196.869	235	190	290	150	20	16	10	29.4	6-M20	230
630/C15	630	285.775	330.2	210	400	150	21	17	10	35.7	6-M24	230

K11 Three Jaw Self-centering Chucks
三爪自定心卡盘(短锥)

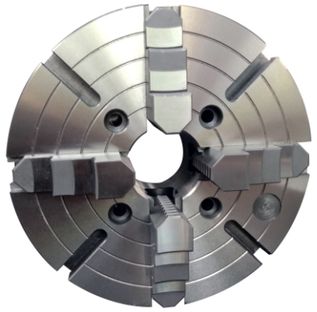




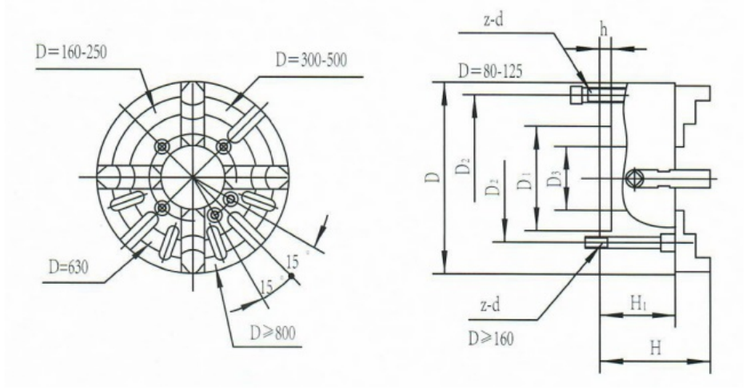
■ Form D: Mounting with Studs for Camlocks

Model	D	D1	D2	D3	D4	H1	h	h1	z-d	N.W.kg
125/D3	125	53.975	75	25	102	63	13	10	3-M10x1	6
125/D4	125	63.513	85	25	112	63	13	10	3-M10x1	6
160/D3	160	53.975	75	40	102	76	13	10	3-M10x1	10
160/D4	160	63.513	85	40	112	76	13	10	3-M10x1	10
160/D5	160	82.563	104.8	40	135	76	15	12	6-M12x1	10
200/D4	200	63.513	85	50	112	84	13	10	3-M10x1	17
200/D5	200	82.563	104.8	50	135	84	15	12	6-M12x1	17
200/D6	200	106.375	133.4	50	170	84	16	13	6-M16x1.5	17
250/D5	250	82.563	104.8	70	135	95	15	12	6-M12x1	31
250/D6	250	106.375	133.4	70	170	95	16	13	6-M16x1.5	31
250/D8	250	139.719	171.4	80	220	95	18	14	6-M20x1.5	31
315/D6	315	106.375	133.4	100	170	106	16	13	6-M16x1.5	50
315/D8	315	139.719	171.4	100	220	106	18	14	6-M20x1.5	50
315/D11	315	196.869	235	100	290	106	20	16	6-M22x1.5	50
320/D6	320	106.375	133.4	100	170	106	16	13	6-M16x1.5	51
320/D8	320	139.719	171.4	100	220	106	18	14	6-M20x1.5	51
320/D11	320	196.869	235	100	290	106	20	16	6-M22x1.5	51
325/D6	325	106.375	133.4	100	170	106	16	13	6-M16x1.5	53
325/D8	325	139.719	171.4	100	220	106	18	14	6-M20x1.5	53
325/D11	325	139.719	235	100	290	106	20	16	6-M22x1.5	53
380/D8	380	139.719	171.4	130	220	118	18	14	6-M20x1.5	79
380/D11	380	196.869	235	130	290	118	20	16	6-M22x1.5	79
400/D8	400	139.719	171.4	130	220	130	18	14	6-M20x1.5	95
400/D11	400	196.869	235	130	290	130	20	16	6-M22x1.5	95
500/D11	500	196.869	235	190	290	135	20	16	6-M22x1.5	159
500/D15	500	285.775	330.2	210	400	135	21	17	6-M24x1.5	159
630/D11	630	196.869	235	190	290	150	20	16	6-M22x1.5	230
630/D15	630	285.775	330.2	210	400	150	21	17	6-M24x1.5	230
800/D15	800	285.775	330.2	260	400	186	21	17	6-M24x1.5	405
800/D20	800	412.775	463.6	385	546	186	23	19	6-M27X2	405

K72 Four Jaw Independent Chucks
四爪单动卡盘





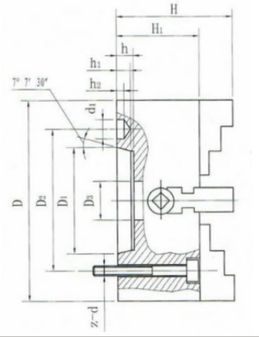


- Short cylindrical center mounting.
- Independent and adjustable,suitable for machining all kinds of special-shaped workpiece

Model D	D1	D2	D3	H	H1	h	z-d	N.W.kg
80	55	66	22	59	43	3.5	4-M6	2
100	72	84	25	77	54	3.5	4-M8	3
125	95	108	30	78	56	4.5	4-M8	5
160	65	95	45	93	65	5	4-M10	9
200	75	112	55	107	75	6	4-M10	15
250	110	130	75	120	80	6	4-M12	23
300	152	130	75	134	90	6	4-M12	39
320	140	165	95	134	90	6	4-M16	40
350	130	168	95	134	90	6	4-M16	53
400	160	185	125	143	95	8	4-M16	55
450	180	205	140	147	100	8	4-M16	71
500	200	236	160	160	105	8	4-M20	102
520	260	300	205	160	105	10	4-M16	112
630	220	258	180	180	116	10	4-M20	159
800	250	300	210	210	135	12	8-M20	255
1000	320	370	260	230	150	15	8-M20	418
1250	400	500	305	256	165	15	8-M20	-
1400	400	500	305	246	155	15	8-M20	-
1600	420	520	320	266	175	20	8-M24	-
2000	450	560	350	290	190	20	8-M30	-

K72 Four Jaw Independent Chucks
四爪单动卡盘(短锥)

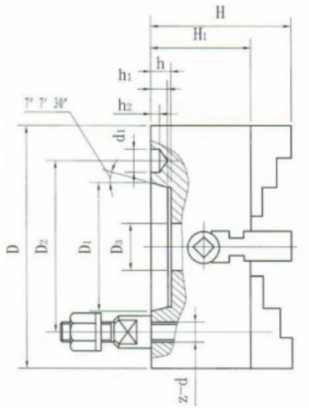




Form A_2: Direct Mounting from Front with Screw

Model D	Spindle No.	D1	D2	D3	H	H1	h	h1	h2	d1	z-d	N.W.kg
160	4	63.513	82.6	45	93	65	13	10	6.5	14.7	4-M10	9
200	4	63.513	82.6	56	107	75	13	10	6.5	14.7	4-M10	15
250	4	63.513	82.6	61	120	80	13	10	6.5	14.7	4-M10	23
320 350	4	63.513	82.6	61	134	90	-	10	6.5	14.7	4-M10	40,53
200	5	82.563	104.8	56	107	75	15	12	6.5	16.3	4-M10	15
250	5	82.563	104.8	75	120	80	15	12	6.5	16.3	4-M10	23
320 350	5	82.563	104.8	79	134	90	-	12	6.5	16.3	4-M10	40,53
400	5	82.563	104.8	79	143	95	-	12	6.5	16.3	4-M10	58
200	6	106.375	133.4	56	107	75	16	13	6.5	19.5	4-M12	15
250	6	106.375	133.4	75	120	80	16	13	6.5	19.5	4-M12	23
320 350	6	106.375	133.4	95	134	90	16	13	6.5	19.5	4-M12	40,53
400	6	106.375	133.4	95	143	95	16	13	6.5	19.5	4-M12	58
500	6	106.375	133.4	103	161	106	-	13	6.5	19.5	4-M12	102
250	8	139.719	171.4	75	120	80	18	14	8	24.2	4-M16	23
320 350	8	139.719	171.4	95	134	90	18	14	8	24.2	4-M16	40,53
400	8	139.719	171.4	125	143	95	18	14	8	24.2	4-M16	55
500	8	139.719	171.4	136	161	106	18	14	8	24.2	4-M16	102
520	8	139.719	171.4	75	120	80	18	14	8	24.2	4-M16	112
320 350	11	196.869	235.0	95	134	90	20	16	10	29.4	4-M20	40,53
400	11	196.869	235.0	125	143	95	20	16	10	29.4	4-M20	58
500	11	196.869	235.0	160	161	106	20	16	10	29.4	4-M20	102
520	11	196.869	235.0	160	160	105	20	16	10	29.4	4-M20	112
630	11	196.869	235.0	180	180	118	20	16	10	29.4	4-M20	159
800	11	196.869	235.0	185	202	132	20	16	10	29.4	8-M20	255
1000	11	196.869	235.0	182	252.5	150	20	16	10	29.4	8-M20	418
500	15	285.775	330.2	160	161	106	21	17	10	35.7	4-M24	102
630	15	285.775	330.2	180	180	118	21	17	10	35.7	4-M24	159
800	15	285.775	330.2	210	202	132	21	17	10	35.7	8-M24	255
1000	15	285.775	330.2	280	230	150	21	17	10	35.7	8-M24	-
630	20	412.775	463.6	180	180	118	23	19	10	42.1	8-M24	159
800	20	412.775	463.6	305	360	132	23	19	10	42.1	8-M24	255
1000	20	412.775	463.6	305	360	150	23	19	10	42.1	8-M24	-
1250	20	412.775	463.6	305	360	165	23	19	10	42.1	8-M24	-
1400	20	412.775	463.6	305	360	155	23	19	10	42.1	8-M24	-
1600	20	412.775	463.6	305	360	175	23	19	10	42.1	8-M24	-
2000	20	412.775	463.6	305	290	190	23	19	10	42.1	8-M24	-



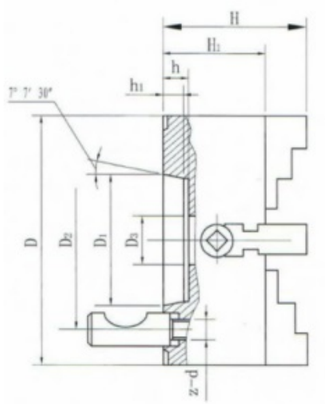


■ Form C: Direct Mounting with Studs and Locknuts

Model D	Spindle No.	D1	D2	D3	H	H1	h	h1	h2	d1	z-d	N.W.kg
160	3	53.975	75	45	93	65	13	10	-	-	3-M10	9
200	3	53.975	75	51	107	75	13	10	-	-	3-M10	15
160	4	63.513	82.6	45	93	65	13	10	6.5	14.7	3-M10	15
200	4	63.513	82.6	56	107	75	13	10	6.5	14.7	3-M10	23
250	4	63.513	82.6	61	120	80	-	10	6.5	14.7	3-M10	40,53
320 350	4	63.513	82.6	61	134	90	-	10	6.5	14.7	3-M10	15
200	5	82.563	104.8	56	107	75	15	12	6.5	16.3	4-M10	15
250	5	82.563	104.8	75	120	80	15	12	6.5	16.3	4-M10	23
320 350	5	82.563	104.8	79	134	90	-	12	6.5	16.3	4-M10	40,53
400	5	82.563	104.8	79	143	95	-	12	6.5	16.3	4-M10	58
200	6	106.375	133.4	56	107	75	16	13	6.5	19.5	4-M12	15
250	6	106.375	133.4	75	120	80	16	13	6.5	19.5	4-M12	23
320 350	6	106.375	133.4	95	134	90	16	13	6.5	19.5	4-M12	40,53
400	6	106.375	133.4	95	143	95	16	13	6.5	19.5	4-M12	58
500	6	106.375	133.4	103	161	106	-	13	6.5	19.5	4-M12	102
250	8	139.719	171.4	75	120	80	18	14	8	24.2	4-M16	23
320 350	8	139.719	171.4	95	134	90	18	14	8	24.2	4-M16	40,53
400	8	139.719	171.4	125	143	95	18	14	8	24.2	4-M16	55
500	8	139.719	171.4	135	161	106	18	14	8	24.2	4-M16	106
320 350	11	196.869	235.0	95	134	90	20	16	10	29.4	6-M20	40,53
400	11	196.869	235.0	125	143	95	20	16	10	29.4	6-M20	68
500	11	196.869	235.0	160	161	106	20	16	10	29.4	6-M20	102
500	15	285.775	330.2	160	161	106	21	17	10	35.7	6-M24	102

K72 Four Jaw Independent Chucks
四爪单动卡盘(短锥)

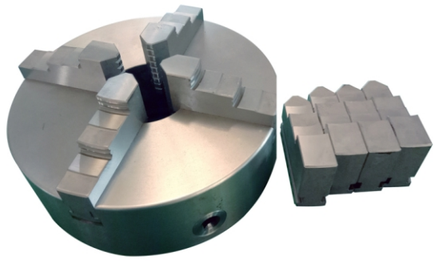




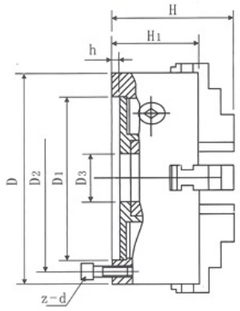
■ Form D: Direct Mounting with Studs for Camlocks

Model D	Spindle No.	D1	D2	D3	H	H1	h	h1	z-d	N.W.kg
160	3	53.975	75	45	93	65	13	10	3-M10x1	9
200	3	53.975	75	51	107	75	13	10	3-M10x1	15
200	4	63.513	82.6	56	107	75	13	10	3-M10x1	15
250	4	63.513	82.6	61	120	80	-	10	3-M10x1	23
320 350	4	63.513	82.6	61	134	90	-	10	3-M10x1	40,53
200	5	82.563	104.8	56	107	75	15	12	6-M12x1	15
250	5	82.563	104.8	75	120	80	15	12	6-M12x1	23
320 350	5	82.563	104.8	79	134	90	-	12	6-M12x1	40,53
400	5	82.563	104.8	79	143	95	-	12	6-M12x1	58
250	6	106.375	133.4	75	120	80	16	13	6-M16x1.5	23
320 350	6	106.375	133.4	95	134	90	16	13	6-M16x1.5	40,53
400	6	106.375	133.4	95	143	95	16	13	6-M16x1.5	55
500	6	106.375	133.4	103	161	106	-	13	6-M16x1.5	102
250	8	139.719	171.4	75	120	80	18	14	6-M20x1.5	23
320 350	8	139.719	171.4	95	134	90	18	14	6-M20x1.5	40,53
400	8	139.719	171.4	125	143	95	18	14	6-M20x1.5	55
500	8	139.719	171.4	135	161	106	18	14	6-M20x1.5	106
400	11	196.869	235.0	125	143	95	20	16	6-M22x1.5	68
500	11	196.869	235.0	160	161	106	20	16	6-M22x1.5	K12
630	11	196.869	235.0	180	180	118	20	16	6-M22x1.5	159
500	15	285.775	330.2	160	161	106	21	17	6-M24x1.5	106
630	15	285.775	330.2	180	180	118	21	17	6-M24x1.5	159

K12 Four Jaw Self-centering Chucks
四爪自定心卡盘





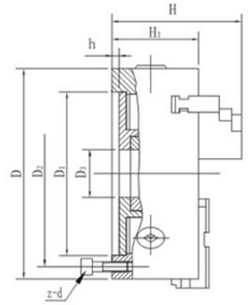


- Short cylindrical center mounting.
- The structure parameters of K12 chucks jaws are the same as those of K11 series.
- Suitable for processing square and eight-edged workpieces.

Model	D1	D2	D3	H	H1	h	z-d	N.W.kg
80	55	66	16	66	50	3.5	3-M6	2
100	72	84	22	74.5	55	3.5	3-M8	3.2
125	95	108	30	78	58	4	3-M8	5
130	100	115	30	78	58	3.5	3-M8	5.6
160	130	142	40	93	65	5	3-M8	8.8
160A	130	142	40	109	65	5	3-M8	8.3
165	130	145	40	93	65	5	3-M8	9.8
190	155	172	55	105	75	5	3-M10	13.8
200	165	180	65	109	75	5	3-M10	15.5
200C	165	180	65	122	75	5	3-M10	14.1
200A	165	180	65	122	75	5	3-M10	14.1
240	195	215	70	120	80	8	3-M12	25
250	206	226	80	120	80	5	3-M12	26
250C	206	226	80	130	80	5	3-M12	23
250A	206	226	80	134	80	5	3-M12	23
315	260	285	100	142.5	90	6	3-M16	47
315A	260	285	100	155.5	90	6	3-M16	41
320	270	290	100	142.5	95	6	3-M16	47.5
320A	270	290	100	155.5	90	6	3-M16	42
325	272	296	100	142.5	90	6	3-M16	50
325C	272	296	100	154.5	90	6	3-M16	45
325A	272	296	100	155.4	90	6	3-M16	47
380	325	350	130	155.5	100	6	3-M16	66
380C	325	350	130	156.5	100	6	3-M16	61
380A	325	350	130	170.5	100	6	3-M16	63
400	340	368	130	155.5	100	6	3-M16	75
400A	340	368	130	170.5	100	6	3-M16	72
500	440	465	200	176	115	6	6-M16	127
500A	440	465	200	203	115	6	6-M16	120
630	560	595	260	192	130	7	6-M16	219
630A	560	595	260	218	130	7	6-M16	210
800A	710	760	385	249	148	8	6-M20	250
1000A	910	950	460	266	165	8	6-M24	750

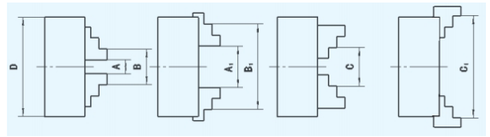
K10 Two Jaw Self-centering Chucks
二爪自定心卡盘

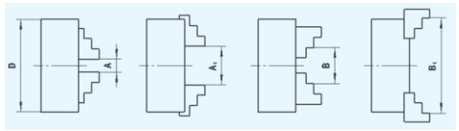




- Form D: Direct Mounting with Studs for Camlocks

Model	D1	D2	D3	H	H1	h	z-d	N.W.kg
160	130	142	40	95	65	5	3-M8	7.5
165	130	145	40	95	65	5	3-M8	9
200	165	180	65	109	75	5	3-M10	16
250	206	226	80	120	80	5	3-M12	24
315	260	285	100	142.5	90	6	3-M16	40
320	270	290	100	142.5	95	6	3-M16	46
325	272	296	100	142.5	90	6	3-M16	46
380	325	350	130	155.5	100	6	3-M16	62
400	340	368	130	155.5	100	6	3-M16	71





- Three Jaw Self-centering Chuck Clamping Range

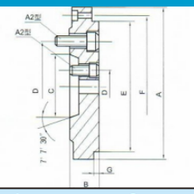
Model D	Internal Jaw Clamping range A-A1	Internal Jaw Jamming Range B-B1	External Jaw Clamping Range C-C1
80	2-22	25-70	22-63
100	2-30	30-90	30-80
125	2.5-40	38-125	38-110
130	3-40	40-130	40-120
160	3-55	50-160	55-145
165	4-60	52-165	55-150
190	4-70	65-190	65-190
200	4-85	65-200	65-200
240	6-100	80-250	90-250
250	6-110	80-250	90-250
315	10-140	95-315	100-315
320	11.5-145	95-320	100-320
325	11.5-165	95-325	100-325
380	11.5-210	95-380	120-380
400	15-210	120-400	120-400
500	25-280	150-500	150-500
630	50-350	170-630	170-630
800	120-450	300-800	300-800
1000	290-600	430-1000	430-1000

FourJaw Independent Chuck Clamping Range

Model D	Internal Jaw Clamping range A-A1	External Jaw Clamping Range B-B1
80	5-35	35-80
100	6-45	40-100
125	7-57	48-125
160	8-80	50-160
200	10-100	63-200
250	15-130	80-250
300	20-156	100-300
315	20-170	100-315
320	20-176	100-320
350	20-206	100-350
400	25-250	118-400
450	30-280	120-450
500	35-300	125-500
630	50-400	160-630
800	70-540	200-800
1000	100-680	250-1000
1250	200-750	400-1250
1400	200-800	400-1600
1600	250-850	500-1600
2000	300-900	500-2000

Mounting Plates for Chucks
卡盘法兰盘



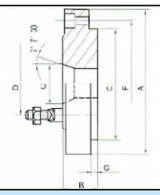


Model A:Mounting From

- For the mounting of plain back self-centering chucks and independent chucks to A type spindle(nut type),classified as model A1(using inner screw holes) and model A2(using outer screw holes)
- Sizes of E,F and G can be customized upon the mounting chucks.

Size	Model	A	C	D	For Self-centering Chucks			For Independent Chucks		
					E	F	G	E	F	G
160	160/A25	160	82.563	104.8	131	142	4	54	71	3
200	200/A15	200	82.563	61.9	166	180	4	76	95	5
200	200/A24	200	63.513	82.6	166	180	4	76	95	5
200	200/A25	200	82.563	104.8	166	180	4	76	95	5
200	200/A26	200	106.375	133.4	166	180	4	76	95	5
250	250/A16	250	106.375	82.6	207	226	4	111	130	5
250	250/A26	250	106.375	133.4	207	226	4	111	130	5
250	250/A28	250	139.719	171.4	207	226	4	111	130	5
315(320,325)	315/A18	315	139.719	111.1	261	285	5	141	165	5
315(320,325)	315/A28	315	139.719	171.4	261	285	5	141	165	5
315(320,325)	315/A211	315	196.869	235	261	285	5	141	165	5
380(400)	380/A18	380	139.719	111.1	326	350	5	-	-	-
380(400)	380/A28	380	139.719	171.4	326	350	5	-	-	-
380(400)	380/A211	380	196.869	235	326	350	5	-	-	-
500	500/A111	500	196.869	165.1	441	465	5	201	236	6
500	500/A211	500	196.869	235	441	465	5	201	236	6
630	630/A211	630	196.869	235	561	595	6	220	258	8





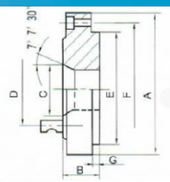
ModelIC:Mounting With Studs and Locknuts

- For the mounting of plain back self-centering chucks and independent chucks to C type spindle(bayonet bolt type)
- Sizes of E,F and G can be customized upon the mounting chucks.

Size	Model	A	C	D	For Self-centering Chucks			For Independent Chucks		
					E	F	G	E	F	G
125	125/C3	125	53.975	75	96	108	3	96	108	3
125	125/C4	125	63.513	85	96	108	3	96	108	3
160	160/C3	160	53.975	75	131	142	4	54	71	4
160	160/C4	160	63.513	85	131	142	4	54	71	4
160	160/C5	160	82.563	104.8	131	142	4	54	71	4
200	200/C4	200	63.513	85	166	180	4	76	95	5
200	200/C5	200	82.563	104.8	166	180	4	76	95	5
200	200/C6	200	106.375	133.4	166	180	4	76	95	5
250	250/C5	250	82.563	104.8	207	226	4	111	130	5
250	250/C6	250	106.375	133.4	207	226	4	111	130	5
250	250/C8	250	139.719	171.4	207	226	4	111	130	5
315(320,325)	315/C6	315	106.375	133.4	261	285	5	141	165	5
315(320,325)	315/C8	315	139.719	171.4	261	285	5	141	165	5
315(320,325)	315/C11	315	196.869	235	261	285	5	141	165	5
380	380/C8	380	139.719	171.4	326	350	5	-	-	-
380	380/C11	380	196.869	235	326	350	5	-	-	-
400	400/C8	400	139.719	171.4	341	368	5	161	185	6
400	400/C11	400	196.869	235	341	368	5	161	185	6
500	500/C8	500	139.719	171.4	441	465	5	201	236	6
500	500/C11	500	196.869	235	441	465	5	201	236	6
630	630/C11	630	196.869	235	561	595	6	221	258	8

Mounting Plates for Chucks
卡盘法兰盘



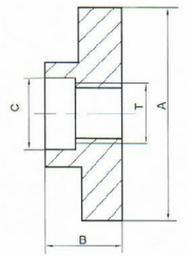


Model D:Mounting With Studs for Camlocks

- For the mounting of plain back self-centering chucks and independent chucks to D type spindle(camlock type)
- Sizes of E,F and G can be customized upon the mounting chucks.

Size	Model	A	C	D	For Self-centering Chucks			For Independent Chucks		
					E	F	G	E	F	G
125	125/D3	125	53.975	70.6	96	108	3	96	108	3
125	125/D4	125	63.513	82.6	96	108	3	96	108	3
160	160/D3	160	53.975	70.6	131	142	4	54	71	4
160	160/D4	160	63.513	82.6	131	142	4	54	71	4
160	160/D5	160	82.563	104.8	131	142	4	54	71	4
200	200/D3	200	53.975	70.6	166	180	4	76	95	4
200	200/D4	200	63.513	82.6	166	180	4	76	95	5
200	200/D5	200	82.563	104.8	166	180	4	76	95	5
200	200/D6	200	106.375	133.4	166	180	4	76	95	5
250	250/D4	250	63.513	82.6	207	226	4	111	130	5
250	250/D5	250	82.563	104.8	207	226	4	111	130	5
250	250/D6	250	106.375	133.4	207	226	4	111	130	5
250	250/D8	250	139.719	171.4	207	226	4	111	130	5
315(320,325)	315/D5	315	82.563	104.8	261	285	5	141	165	5
315(320,325)	315/D6	315	106.375	133.4	261	285	5	141	165	5
315(320,325)	315/D8	315	139.719	171.4	261	285	5	141	165	5
315(320,325)	315/D11	315	196.869	235	261	285	5	141	165	5
380	380/D6	380	106.375	133.4	326	350	5	-	-	-
380	380/D8	380	139.719	171.4	326	350	5	-	-	-
380	380/D11	380	196.869	235	326	350	5	-	-	-
400	400/D6	400	106.375	133.4	341	368	5	161	185	6
400	400/D8	400	139.719	171.4	341	368	5	161	185	6
400	400/D11	400	196.869	235	341	368	5	161	185	6
500	500/D8	500	139.719	171.4	441	465	5	201	236	6
500	500/D11	500	196.869	235	441	465	5	201	236	6
630	630/D8	630	139.719	171.4	561	595	5.5	221	258	8
630	630/D11	630	196.869	235	561	595	6	221	258	8



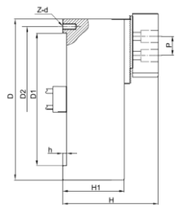


Mounting With Threaded hole

- For the mounting of plain back chucks to threaded spindles.
- Sizes of plates can be fully machined upon the mounting chucks.

Size	Thread T	A	B	C
80	1"-10	79	39	25.781
80	1-1/2"-8	79	39	38.461
80	1/2"-20	79	39	25.781
80	1"-8	79	39	25.781
100	1"-10	104	39	25.781
100	1-1/2"-8	104	39	38.461
100	1"-8	104	39	25.781
125	1"-10	129	39	25.781
125	1-1/2"-8	129	39	38.461
160	1-1/2"-8	166	39	38.461
160	2-1/4"-8	166	45.5	57.404
200	1-1/2"-8	206	39	38.461
200	2-1/4"-8	206	45.5	57.404
200	2-3/8"-6	206	52	60.579
250	2-1/4"-8	256	45.5	57.404
250	2-3/8"-6	256	52	60.579
320	2-3/8"-6	321	52	60.579
320	2-3/4"-8	321	52	70.104





- Easily installed with matched flange, similar to manual scroll chucks, without changes in machine tools structure.
- Chuck is a built-in cylinder with large clamping force and high precision.
- Suitable for processing of gears,discs,short bar and large bulk of products.
- **Without through hole.**

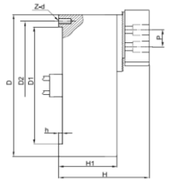
中实气动卡盘

Model	D	D1	D2	H	H1	h	p	z-d
SQ110	115	72	102	106	81	3	16	3-M8
SQ130	135	95	108	123	92	4.5	18	3-M8
SQ160	172	130	142	129	93	4.5	20	3-M8
SQ200	210	165	180	133	97	5	25	3-M10
SQ250	250	206	226	145	99	5	30	3-M12
SQ320	325	270	290	177	116	5	32	6-M12
SQ400	400	340	368	216	141	6	40	6-M16
SQ500	500	440	465	256	183	6	60	6-M16

Model	Jaw stroke(dia.)	Max.clamping force(KN)	Max.jamming force(KN)	Allowable pressure(Mpa)	Max.speed (r/min)	Clamping range	Jamming range	N.W.kg
SQ110	3.68	14	7.4	0.4-0.8	4800	2-115	15-120	6
SQ130	3.15	21.2	11.5	0.4-0.8	4800	2-130	20-140	9
SQ160	3.68	36.5	19.3	0.4-0.8	4200	2-170	20-180	14
SQ200	4.22	53.8	30.7	0.4-0.8	3000	5-210	20-240	22.6
SQ250	4.75	73.2	46.9	0.4-0.8	2800	10-260	30-280	33.4
SQ320	8.5	116.6	78.3	0.4-0.8	2300	10-350	40-360	73
SQ400	11.5	158.2	102.9	0.4-0.8	1000	15-420	50-430	128
SQ500	20	203.9	138.6	0.4-0.8	1000	20-520	50-530	200



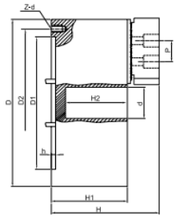




Model	D	D1	D2	H	H1	h	p	z-d
SQ110-2	115	72	102	106	81	3	16	3-M8
SQ130-2	135	95	108	123	92	4.5	18	3-M8
SQ160-2/4	172	130	142	129	93	4.5	20	3-M8
SQ200-2/4	210	165	180	133	97	5	25	3-M10
SQ250-2/4	250	206	226	145	99	5	30	3-M12
SQ320-2/4	325	270	290	177	116	5	32	6-M12
SQ400-2/4	400	340	368	212	141	6	40	6-M16
SQ500-2-4	500	440	465	256	183	6	60	6-M16

Model	Jaw stroke(dia.)	Max.clampin g force(KN)	Max.jamming force(KN)	Allowable pressure(Mpa)	Max.speed(r/min)	Clamping range	Jamming range	N.W.kg
SQ110-2	3.68	14	7.4	0.4-0.8	4800	2-115	15-120	5.7
SQ130-2	3.15	21.2	11.5	0.4-0.8	4800	2-130	20-140	8.7
SQ160-2/4	3.68	36.5	19.3	0.4-0.8	4200	2-170	20-180	14
SQ200-2/4	4.22	53.8	30.7	0.4-0.8	3000	5-210	20-240	22.6
SQ250-2/4	4.75	73.2	46.9	0.4-0.8	2800	10-260	30-280	33.4
SQ320-2/4	8.5	116.6	78.3	0.4-0.8	2300	10-350	40-360	73
SQ400-2/4	11.5	158.2	102.9	0.4-0.8	1000	15-420	50-430	128
SQ500-2/4	20	203.9	138.6	0.4-0.8	1000			



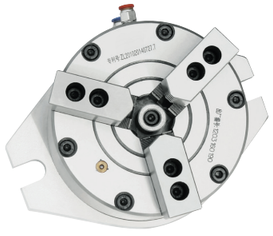


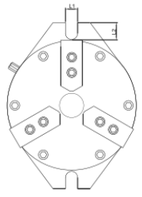
- With half-through hole
  Suitable for holding long bars

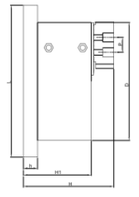
半通孔气动卡盘

Model	D	D1	D2	H	H1	H2	h	d	p	z-d
KQ160	172	130	142	135.5	99.5	84	4.5	30	20	3-M8
KQ200	210	165	180	139.5	103.5	85.5	4.5	40	25	3-M10
KQ250	250	206	226	154	108	90.5	5	80	30	3-M12
KQ320	325	270	290	221	160	140.5	5	120	32	6-M12
KQ400	400	340	368	242	168	147	6	120	40	6-M16

Model	Jaw stroke(dia.)	Max.clamping force(KN)	Max.jamming force(KN)	Allowable pressure(Mpa)	Max.speed (r/min)	Clamping range	Jamming range	N.W.kg
KQ160	3.68	32.9	18.5	0.4-0.8	4500	2-170	20-180	15
KQ200	4.22	49.1	39.1	0.4-0.8	4500	5-210	20-240	23
KQ250	4.75	58.7	32.5	0.4-0.8	2800	10-260	30-280	32
KQ320	9.5	106.1	62.2	0.4-0.8	2300	10-350	40-360	76
KQ400	12.7	137.8	77	0.4-0.8	1000	15-420	50-430	140





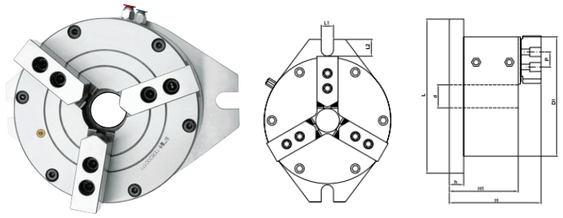


- Chuck is a built-in cylinder and easily installed with base plate..
- Suitable for drilling and tapping machines,milling machines,vertical lathes and machine center.

立式中实卡盘（气压液压两用型）

Model	D	L	L1	L2	H	H1	h	p
SL110	115	165	13	18.5	125	100	19	16
SL130	135	205	18	24	142	111	19	18
SL160	172	238	20	28	148	112	19	20
SL200	210	290	20	28	152	116	19	25
SL250	250	340	20	28	164	118	19	30
SL320	325	415	20	28	199	138	22	32
SL400	400	500	20	28	246	171	36	40

Model	Jaw stroke(dia.)	Max.clamping force(KN)	Max.jamming force(KN)	Allowable pressure(Mpa)	Clamping range	Jamming range	N.W.kg
SL110	3.68	14	7.4	0.4-0.8	2-115	15-120	8.2
SL130	3.15	21.2	11.5	0.4-0.8	2-130	20-140	12
SL160	3.68	36.5	19.3	0.4-0.8	2-170	20-180	17.6
SL200	4.22	53.8	30.7	0.4-0.8	5-210	20-240	27.6
SL250	4.75	73.2	46.9	0.4-0.8	10-260	30-280	40
SL320	8.5	116.6	78.3	0.4-0.8	10-350	40-360	81
SL400	11.5	158.2	102.9	0.4-0.8	15-420	50-430	160



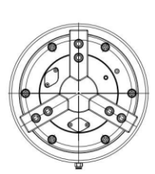
- Chuck is a built-in cylinder and easily installed with base plate.Center hole is suitable for long bars.
- Suitable for drilling and tapping machines,milling machines,vertical lathes and machine center.

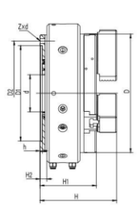
立式中空卡盘（气压液压两用型）

	D	L	d	L2	H	H1	h	p	d
KL160	170	238	20	28	155	119	19	20	30
KL200	210	290	20	28	158.5	122.5	19	25	40
KL250	250	340	20	28	173	127	19	30	80
KL320	325	415	20	28	243	182	22	32	120
KL400	400	500	20	28	272	198	30	40	120

Model	Jaw stroke(dia.)	Max.clamping force(KN)	Max.jamming force(KN)	Allowable pressure(Mpa)	Clamping range	Jamming range	N.W.kg
KL160	3.68	32.9	18.5	0.4-0.8	2-170	20-180	18.6
KL200	4.22	49.1	29.1	0.4-0.8	5-210	20-240	28
KL250	4.75	58.7	32.5	0.4-0.8	10-260	30-280	40
KL320	9.5	106.1	62.2	0.4-0.8	10-350	40-360	86
KL400	12.7	137.8	77	0.4-0.8	15-420	50-430	170







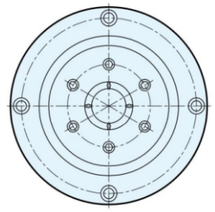
- Chuck and cylinder are integrated,a couple of chucks can be installed on front and rear of machine tools spindles at the same time.
- Has large through hole and one-way valve for pressure-keeping function(more than 24hours).Sealing device is disengaged when chuck is rotating.
- Has two funtion of clamping and jamming
- Suitable for lathes,pipe threadint machines and welding equipments.
- Note: the machine tool spindle should not rotate until air source was cut off.

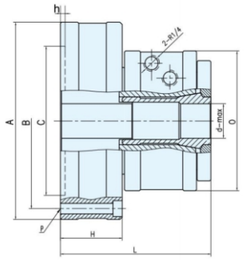
Front Mounted Pneumatic Chuck
前置式气动卡盘

Model	D	D1	D2	h	H	H1	H2	d	z-d
TQ80	88	55	66	5	106	85	-	12	3-M6
TQ130	135	95	108	5	133	101.5	6.5	25	3-M8
TQ160	175	130	142	5	143	107	4.5	35	3-M8
TQ200	214	165	180	5	155	115	10	52	3-M10
TQ250	256	206	226	5	166	122	14.5	80	3-M12
TQ320	325	270	290	5	213	159	22	130	6-M12
TQ400	408	465	368	6	260	194	23	170	6-M16
TQ500	500	440	340	6	314	241	44	210	6-M16
TQ630	630	560	595	8	347	275	57	310	6-M16

Model	Jaw stroke(dia.)	Max.clamping force(KN)	Allowable pressure(Mpa)	Max.speed(r/min)	Clamping range	N.W.kg
TQ80	3.2	3.3	0.4-0.8	4200	1.5-80	4.2
TQ130	3.7	20. 4	0.4-0.8	3000	2-130	15
TQ160	4.2	31. 5	0.4-0.8	2300	2-170	20
TQ200	4.5	46.7	0.4-0.8	1850	5-210	36
TQ250	5.4	62. 4	0.4-0.8	1500	10-260	50
TQ320	8.5	80.5	0.4-0.8	1200	60-350	96
TQ400	13.4	103. 3	0.4-0.8	950	70-420	164
TQ500	16.2	161. 1	0.4-0.8	800	70-520	276
TQ630	10.2	287. 5	0.4-0.8	500	70-600	445







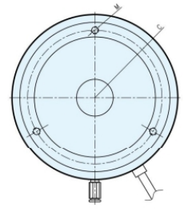
- Front mounted hollow precision collet,repeatability accuracy0.01mm.
- Built-in cylinder with high speed.
- Chuck will not shrink after clamping and can control positioning length of workpiece.
- When lossing pressure,chuck can keep clamping.
- Chuck is driven by two-way pneumatic force without any material trapped.

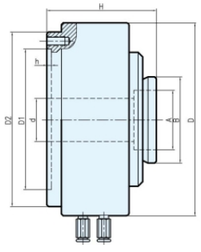
Front-mounted hollow collet chuck
前置中空气动夹头

Model	Max.speed (r/min)	Matched chuck	Chuck taper	Allowable pressure(Mpa)	Clamping dia.(mm)	Clamping square(mm)	Clamping Hexagon(mm)	Weight (kg)
KJT15	4000	YB-15	30°	0.3-0.8	15	10	12	3.2
KJT25	3000	YB-25	20°	0.3-0.8	25	18	22	9.5
KJT40	2500	16C	20°	0.3-0.8	40	28	35	13.5
KJT60	2000	20C	20°	0.3-0.8	60	42	52	20.5

Model	A	B	C	O	H	L	P	h
KJT15	100	84	70	71	40	85	4-M6	5
KJT25	167	147	130	104	48	108	4-M8	5
KJT40	187	168	150	133	50	122	4-M8	5
KJT60	222	203	170	168	55	130	4-M10	5







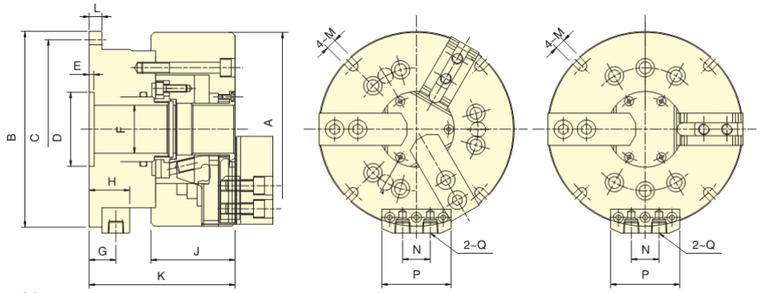
- Front mounted hollow collet, accuracy0.05-0.08mm (10mm from chuck end)
- Built-in cylinder with high speed.
- Shield is needed when collet rotating at high speed.
- Chuck doesnot have enough waterproof ability,coolant is forbidden.
- Material stuck is possible.when used for automatic feeding device ,there will be trouble of interruption.

Front-mounted hollow collet chuck
前置中空气动夹头

Model	Max.speed (r/min)	Clamping torque(kg/m)	Allowable pressure(Mpa)	Clamping stroke(mm)	Through hole(mm)	Max.Clamping dia.(mm)	Weight (kg)
KJA25	1800	3	0.2-0.7	1.5	26	32	6.3
KJA40	1600	4	0.2-0.7	1.5	45	50	12.9
KJA70	1400	6	0.2-0.8	1.5	68	90	20.5

Model	A	B	C	D	D1	D2	d	M	H	h
KJA25	45	68	115	170	100	135	26	3-M8	105	4
KJA40	65	94	172	212	155	192	46	3-M10	128	5
KJA70	105	136	172	266	155	192	68	3-M10	142	5





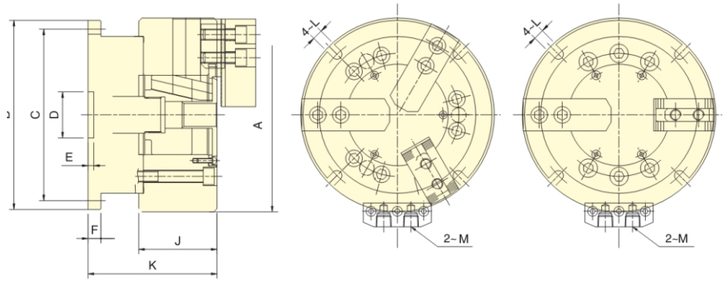
- 2 jaw and 3jaw vertical power chucks with through hole.
- Specification and size of matching chuck for model VH-200 is the same as model 2H.
- Specification and size of matching chuck for model VH-300 is the same as model 3H.

Vertical Power Chuck withThru-hole
立式中空液压卡盘

Model	Piston area(cm2)		Jaw stroke(dia)	Max.pressure(MPa)	Weight(Kg)
	Extend	Retract			
VH-204	50.6	47.1	5.4	2.0	7.9
VH-304	50.6	47.1	5.4	3.0	8.1
VH-205	66	57.9	5.4	2.2	11.7
VH-305	66	57.9	5.4	3.2	11.9
VH-206	98.9	88.5	5.5	1.8	19.8
VH-306	98.9	88.5	5.5	2.7	20.2
VH-208	125.7	113.9	7.4	2.2	32.3
VH-308	125.7	113.9	7.4	3.2	33.6
VH-210	196.2	182	8.8	1.7	55.5
VH-310	196.2	182	8.8	2.5	56.5
VH-212	243.4	216.9	10.6	2.5	67
VH-312	243.4	216.9	10.6	2.5	67

Model	A	B	C	D ,H8	E	F	G	H	J	K	L	M	N	P	Q
VH-204	110	155	137	50	5	23	23	37	59	105	12	10	26	62	RC1/4
VH-304	110	155	137	50	5	23	23	37	59	105	12	10	26	62	RC1/4
VH-205	135	168	150	60	5	33	23	37	60	106	12	10	26	62	RC1/4
VH-305	135	168	150	60	5	33	23	37	60	106	12	10	26	62	RC1/4
VH-206	169	194	176	80	5	45	25	39	81	141	14	11	26	62	RC1/4
VH-306	169	194	176	80	5	45	25	39	81	141	14	11	26	62	RC1/4
VH-208	210	212	194	80	5	52	31	45	91	157	14	11	30	74	RC3/8
VH-308	210	212	194	80	5	52	31	45	91	157	14	11	30	74	RC3/8
VH-210	254	276	246	105	6	75	38	47	100	180	17	13	30	74	RC3/8
VH-310	254	276	246	105	6	75	38	47	100	180	17	13	30	74	RC3/8
VH-212	304	340	375	110	10	91	38	53	110	194	23	18	30	74	RC3/8
VH-312	304	340	375	110	10	91	38	53	110	194	23	18	30	74	RC3/8





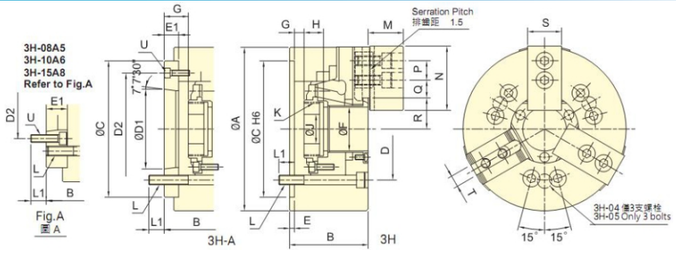
- 2 jaw and 3jaw vertical solid power chucks .
- Specification and size of matching chuck for model VP-200 is the same as model 2P.
- Specification and size of matching chuck for model VP-300 is the same as model 3P.

Vertical Solid Power Chuck
立式中实液压卡盘

Model	Piston		Jaw stroke(dia)	Max.pressure(MPa)	Weight(Kg)
	Extend	Retract			
VP-204	28	24.9	6.4	2.1	7.1
VP-304	28	24.9	6.4	3.1	7.9
VP-205	28	24.9	6.4	2.3	10.2
VP-305	28	24.9	6.4	3.5	10.6
VP-206	63.1	53.5	8.5	2.4	18.3
VP-306	63.1	53.5	8.5	3.6	19.3
VP-208	103.4	90.8	8.8	2.0	31.6
VP-308	103.4	90.8	8.8	3.0	33.6
VP-210	153.1	133.5	8.8	1.6	52.8
VP-310	153.1	133.5	8.8	2.3	54.5
VP-212	176.6	142.9	10.5	2.5	84
VP-312	176.6	142.9	10.5	2.5	84

Model	A	B	C	D ,H8	E	F	J	K	L	M
VP-204	110	148	132	30	5	12	52	92	9	RC1/4
VP-304	110	148	132	30	5	12	52	92	9	RC1/4
VP-205	135	148	132	30	5	12	55	95	9	RC1/4
VP-305	135	148	132	30	5	12	55	95	9	RC1/4
VP-206	169	178	160	40	5	12	74	131	11	RC1/4
VP-306	169	178	160	40	5	12	74	131	11	RC1/4
VP-208	210	205	188	40	5	14	85	152	11	RC3/8
VP-308	210	205	188	40	5	14	85	152	11	RC3/8
VP-210	254	248	225	70	6	17	89	176	13	RC3/8
VP-310	254	248	225	70	6	17	89	176	13	RC3/8
VP-212	304	300	265	110	5	23	106	208	18	RC3/8
VP-312	304	300	265	110	5	23	106	208	18	RC3/8





- Wedge-hook type 3 jaw with through hole.
- Matching surfaces of all parts are hardened,ground and lubricated directly.
- High rigidity and high clamping accuracy.
- J is the hole diameter of blank draw nut.
- K is the maximum thread specification and it could be customized.

Three Jaw Thru-hole Power Chuck
三爪中空液压卡盘

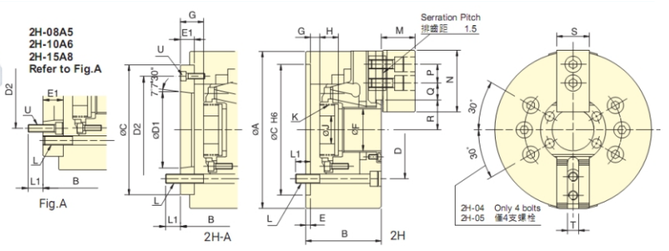
Dimensions and specifications of 3H-A type are in the red data.

Model	Plunger stroke(mm)	Jaw stroke(dia)	Clamping range(mm)	Max.D.B. pull(KN)	Max.clamping force(KN)	Max.speed (r/min)	Moment of inertia(kg.m2)	Matching cyl.	Max.pressure (MPa)	Weight (Kg)	
3H-04	10	5.4	7-110	13.7	28.4	8000	0.01	TH-536	2.3	4	
3H-05 A4	10	5.4	12-135	17.1	35.8	7000	0.02	TH-536	2.9	6.7	7.5
3H-06 A5	12	5.5	15-168	21.5	56.8	6000	0.06	TH-646	2.8	11.9	13.7
3H-08 A5	16	7.4	13-210	34.3	85.8	5000	0.18	TH-852	2.8	22.5	25.4
3H-08 A6	16	7.4	13-210	34.3	85.8	5000	0.18	TH-852	2.8	22.5	23.6
3H-10 A6	19	8.8	31-254	42.6	110.7	4200	0.33	TH-1075	2.7	34.5	41.5
3H-10 A8	19	8.8	31-254	42.6	110.7	4200	0.33	TH-1075	2.7	34.5	40
3H-12 A8	23	10.6	34-304	54.9	143.6	3300	0.77	TH-1291	2.7	56.6	59.5
3H-15 A8	23	10.6	50-381	71	179.8	2500	2.47	TH-1512	2.4	120	134
3H-15 A11	23	10.6	50-381	71	179.8	2500	2.39	TH-1512	2.4	120	127
3H-18 A11	23	10.6	50-450	71	179.8	2000	4.78	TH-1512	2.4	164	178

Model	A	B	C	D	D1	D2	E	E1	F	Gmax.	Gmin.	H
3H-04	110	59	85	70.6	-	-	4	-	26	3.5	-6.5	17.5
3H-05 A4	135	60 71	110	82.6	63.513	96	4	15	33	1 16	-9 6	20
3H-06 A5	168	81 91	140	104.8	82.563	116	5	15	45	11 26	-1 14	19
3H-08 A5	210	91 109	170	133.4	82.563	104.8	5	23	52	14.5 37.5	-1.5 21.5	20.5
3H-08 A6	210	91 103	170	133.4	106.375	150	5	17	52	14.5 31.5	-1.5 15.5	20.5
3H-10 A6	254	100 120	220	171.4	106.375	133.4	5	25	75	8.5 33.5	-10.5 14.5	25
3H-10 A8	254	100 113	220	171.4	139.719	190	5	18	75	8.5 26.5	-10.5 7.5	25
3H-12 A8	304	110 122	220	171.4	139.719	190	6	18	91	8 26	-15 3	28
3H-15 A8	381	133 160	300	171.4	139.719	171.4	6	33	120	8 44	-15 21	28
3H-15 A11	381	133 149	300	235	196.869	260	6	22	120	11 33	-12 10	39
3H-18 A11	450	133 149	300	235	196.869	260	6	22	120	11 33	-12 10	39

Model	J	Kmax.	L	L1	M	N	P	Omax.	Omim.	Rmax.	Rmin.	S	T	U
3H-04	12	M32x1.5	3-M10	16	24	52	14	11.3	6.8	23	20.3	25	10	-
3H-05 A4	12	M40x1.5	3-M10	15 15	31	62	14	19.8	7.8	26.5	23.8	25	10	3-M6
3H-06 A5	20	M55x2	6-M10	16 16	37	73	20	22.8	9.3	32	29.3	31	12	3-M6
3H-08 A5	30	M60x2	6-M12	20 17	38	95	25	29.8	14.8	38.7	35	35	14	6-M10
3H-08 A6	30	M60x2	6-M12	20 18	38	95	25	29.8	14.8	38.7	35	35	14	3-M6
3H-10 A6	45	M85x2	6-M16	22 18	43	110	30	33.8	14.3	51	46.6	40	16	6-M12
3H-10 A8	45	M85x2	6-M16	22 24	43	110	30	33.8	14.3	51	46.6	40	16	3-M8
3H-12 A8	50	M100x2	6-M16	23 25	51	130	30	45.8	15.8	61.3	56	50	21	3-M8
3H-15 A8	50	M130x2	6-M20	30 24	63	165	43	47.3	18.2	80	74.7	62	25.5(22)	6-M16
3H-15 A11	60	M130x2	6-M20	30 28	63	165	43	47.3	18.2	80	74.7	62	25.5(22)	3-M10
3H-18 A11	60	M130x2	6-M20	30 28	63	165	43	79.2	18.2	80	74.7	62	25.5(22)	3-M10





- Wedge-hook type 2 jaw with through hole.
- Matching surfaces of all parts are hardened,ground and lubricated directly.
- High rigidity and high clamping accuracy.
- J is the hole diameter of blank draw nut.
- K is the maximum thread specification and it could be customized.

Two Jaw Thru-hole Power Chuck
二爪中空液压卡盘

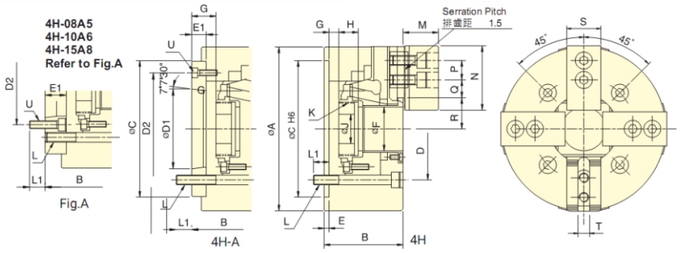
Dimensions and specifications of 2H-A type are in the red data.

Model	Plunger stroke(mm)	Jaw stroke(dia)	Clamping range(mm)	Max.D.B. pull(KN)	Max.clamping force(KN)	Max.spee d(r/min)	Moment of inertia(kg.m2)	Matching cyl.	Max.pressure (MPa)	Weight (Kg)	
2H-04	10	5.4	7-110	9.2	18.9	8000	0.01	TH-536	1.6	3.8	
2H-05 A4	10	5.4	12-135	11.7	23.9	7000	0.02	TH-536	2.0	6.5	7.3
2H-06 A5	12	5.5	15-168	14.4	37.9	6000	0.06	TH-646	1.9	11.4	13.3
2H-08 A5	16	7.4	13-210	23.1	57.2	5000	0.17	TH-852	1.9	21.3	24.2
2H-08 A6	16	7.4	13-210	23.1	57.2	5000	0.17	TH-852	1.9	21.3	22.4
2H-10 A6	19	8.8	31-254	28.4	73.9	4200	0.31	TH-1075	1.8	33.5	40.5
2H-10 A8	19	8.8	31-254	28.4	73.9	4200	0.31	TH-1075	1.8	33.5	39
2H-12 A8	23	10.6	34-304	36.7	95.8	3300	0.7	TH-1291	1.8	59.7	62.7
2H-15 A8	23	10.6	50-381	36.7	119.6	2500	2.42	TH-1512	1.7	115	129
2H-15 A11	23	10.6	50-381	46.9	119.6	2500	2.34	TH-1512	1.7	115	122

Model	A	B	C	D	D1	D2	E	E1	F	Gmax.	Gmin.	H
2H-04	110	59	85	70.6	-	-	4	-	26	3.5	-6.5	17.5
2H-05 A4	135	60 71	110	82.6	63.513	96	4	15	33	1 16	-9 6	20
2H-06 A5	168	81 91	140	104.8	82.563	116	5	15	45	11 26	-1 14	19
2H-08 A5	210	91 109	170	133.4	82.563	104.8	5	23	52	14.5 37.5	-1.5 21.5	20.5
2H-08 A6	210	91 103	170	133.4	106.375	150	5	17	52	14.5 31.5	-1.5 15.5	20.5
2H-10 A6	254	100 120	220	171.4	106.375	133.4	5	25	75	8.5 33.5	-10.5 14.5	25
2H-10 A8	254	100 113	220	171.4	139.719	190	5	18	75	8.5 26.5	-10.5 7.5	25
2H-12 A8	304	110 122	220	171.4	139.719	190	6	18	91	8 26	-15 3	28
2H-15 A8	381	133 160	300	171.4	139.719	171.4	6	33	120	8 44	-15 21	28
2H-15 A11	381	133 149	300	235	196.869	260	6	22	120	11 33	-12 10	39

Model	J	Kmax.	L	L1	M	N	P	Omax.	Omim.	Rmax.	Rmin.	S	T	U
2H-04	12	M32x1.5	4-M10	16	24	52	14	11.3	6.8	23	20.3	25	10	-
2H-05 A4	12	M40x1.5	4-M10	15 15	31	62	14	19.8	7.8	26.5	23.8	25	10	3-M6
2H-06 A5	20	M55x2	6-M10	16 16	37	73	20	22.8	9.3	32	29.3	31	12	3-M6
2H-08 A5	30	M60x2	6-M12	20 17	38	95	25	29.8	14.8	38.7	35	35	14	6-M10
2H-08 A6	30	M60x2	6-M12	20 18	38	95	25	29.8	14.8	38.7	35	35	14	3-M6
2H-10 A6	45	M85x2	6-M16	22 18	43	110	30	33.8	14.3	51	46.6	40	16	6-M12
2H-10 A8	45	M85x2	6-M16	22 24	43	110	30	33.8	14.3	51	46.6	40	16	3-M8
2H-12 A8	50	M100x2	6-M16	23 25	51	130	30	45.8	15.8	61.3	56	50	21	3-M8
2H-15 A8	50	M130x2	6-M20	30 24	63	165	43	47.3	18.2	80	74.7	62	25.5(22)	6-M16
2H-15 A11	60	M130x2	6-M20	30 28	63	165	43	47.3	18.2	80	74.7	62	25.5(22)	3-M10





- Wedge-hook type 4 jaw with through hole.
- Matching surfaces of all parts are hardened,ground and lubricated directly.
- High rigidity and high clamping accuracy.
- J is the hole diameter of blank draw nut.
- K is the maximum thread specification and it could be customized.

Four Jaw Thru-hole Power Chuck
四爪中空液压卡盘

Dimensions and specifications of 4H-A type are in the

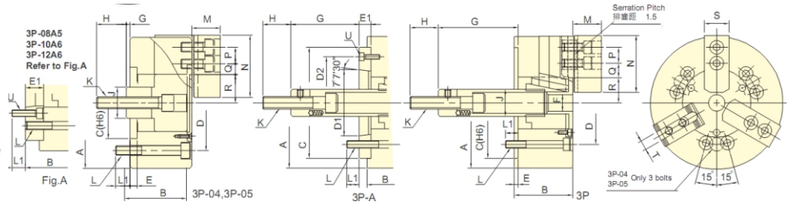
Model	Plunger stroke(mm)	Jaw stroke(dia)	Clamping range(mm	Max.D.B. pull(KN)	Max.clamping force(KN)	Max.speed (r/min)	Moment of inertia(kg.m2	Matching cyl.	Max.pressur e(MPa)	Weight (Kg)	
4H-06 A5	12	5.5	15-168	21.6	56.8	5000	0.07	TH-646	2.8	12.5	14.3
4H-08 A5	16	7.4	13-210	34.3	85.8	4200	0.19	TH-852	2.8	23.5	25.4
4H-08 A6	16	7.4	13-210	34.3	85.8	4200	0.19	TH-852	2.8	23.5	24.3
4H-10 A6	19	8.8	31-254	42.6	110.7	3400	0.34	TH-1075	2.7	36.3	41
4H-10 A8	19	8.8	31-254	42.6	110.7	3400	0.34	TH-1075	2.7	36.3	39.3
4H-12 A8	23	10.6	34-304	54.9	143.6	2700	0.79	TH-1291	2.7	62	65.7
4H-15 A8	23	10.6	50-381	71	179.8	2000	2.5	TH-1512	2.4	123.7	137.7
4H-15 A11	23	10.6	50-381	71	179.8	2000	2.42	TH-1512	2.4	123.7	130.7
4H-18 A11	23	10.6	50-450	71	179.8	1700	4.85	TH-1512	2.4	170	184

Model	A	B		C	D	D1	D2	E	E1	F	Gmax.		Gmin.		H
4H-06 A5	168	81	91	140	104.8	82.563	116	5	15	45	11	26	-1	14	19
4H-08 A5	210	91	109	170	133.4	82.563	104.8	5	23	52	14.5	37.5	-1.5	21.5	20.5
4H-08 A6	210	91	103	170	133.4	106.375	150	5	17	52	14.5	31.5	-1.5	15.5	20.5
4H-10 A6	254	100	120	220	171.4	106.375	133.4	5	25	75	8.5	33.5	-10.5	14.5	25
4H-10 A8	254	100	113	220	171.4	139.719	190	5	18	75	8.5	26.5	-10.5	7.5	25
4H-12 A8	304	110	122	220	171.4	139.719	190	6	18	91	8	26	-15	3	28
4H-15 A8	381	133	160	300	171.4	139.719	171.4	6	33	120	8	44	-15	21	28
4H-15 A11	381	133	149	300	235	196.869	260	6	22	120	11	33	-12	10	39
4H-18 A11	450	133	149	300	235	196.869	260	6	22	120	11	33	-12	10	39

Model	J	Kmax.	L	L1		M	N	P	Omax.	Omim.	Rmax.	Rmin.	S	T	U
4H-06 A5	20	M55x2	4-M10	16	16	37	73	20	22.8	9.3	32	29.3	31	12	3-M6
4H-08 A5	30	M60x2	4-M12	20	17	38	95	25	29.8	14.8	38.7	35	35	14	6-M10
4H-08 A6	30	M60x2	4-M12	20	18	38	95	25	29.8	14.8	38.7	35	35	14	3-M6
4H-10 A6	45	M85x2	4-M16	22	18	43	110	30	33.8	14.3	51	46.6	40	16	6-M12
4H-10 A8	45	M85x2	4-M16	22	24	43	110	30	33.8	14.3	51	46.6	40	16	3-M8
4H-12 A8	50	M100x2	4-M16	23	25	51	130	30	45.8	15.8	61.3	56	50	21	3-M8
4H-15 A8	50	M130x2	4-M20	30	24	63	165	43	47.3	18.2	80	74.7	62	25.5(22)	6-M16
4H-15 A11	60	M130x2	4-M20	30	28	63	165	43	47.3	18.2	80	74.7	62	25.5(22)	3-M10
4H-18 A11	60	M130x2	4-M20	30	28	63	165	43	79.2	18.2	80	74.7	62	25.5(22)	3-M10

Hydraulic Power Chucks
动力卡盘





- Wedge-hook type 3 jaw without through hole.
- Matching surfaces of all parts are hardened,ground and lubricated directly.
- High rigidity and high clamping accuracy.
- J is the hole diameter of blank draw nut.
- K is the maximum thread specification and it could be customized.

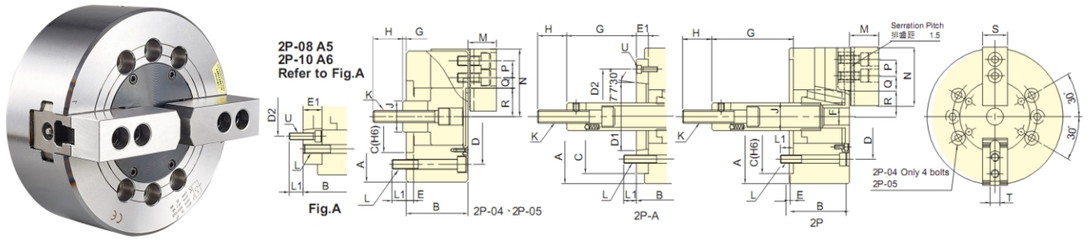
Three Jaw Solid Power Chuck
三爪中实液压卡盘

Dimensions and specifications of 3P-A type are in the red data.

Model	Plunger stroke(mm)	Jaw stroke(dia)	Clamping range(mm)	Max.D.B. pull(KN)	Max.clamping force(KN)	Max.speed (r/min)	Moment of inertia(kg.m2)	Matching cyl.	Max.pressur e(MPa)	Weight (Kg)	
3P-04	15	6.4	5-110	8.1	22.5	6000	0.01	RH-80	2.2	4.1	
3P-05	15	6.4	14-135	8.1	25	5500	0.02	RA-130	0.6	6.2	
3P-06 A5	20	8.5	14-165	17.9	52.4	5250	0.05	RH-100K (RA-170)	3.0(0.6)	13	14
3P-08 A5	21	8.8	17-210	25	74.5	4750	0.14	RH-125K (RA-220)	2.6(0.5)	24	28
3P-08 A6	21	8.8	17-210	25	74.5	4750	0.14	RH-125K (RA-220)	2.6(0.5)	24	27
3P-10 A6	25	8.8	22-254	28.9	107.8	4000	0.3	RH-125K (RA-220)	2.6(0.5)	35	42
3P-10 A8	25	8.8	22-254	28.9	107.8	4000	0.3	RH-125K (RA-220)	2.6(0.5)	35	40
3P-12 A6	30	10.5	22-304	41	155.8	3360	0.73	RH-150	3.0	59	65
3P-12 A8	30	10.5	22-304	41	155.8	3360	0.73	RA-270	0.8	59	63
3P-15 A11	35	16	50-381	54.9	164.6	3000	1.7	RH-200	2.1	96	103

Model	A	B		C	D	D1	D2	E	E1	F	Gmax.		Gmin.		H
3P-04	110	52		60	80	-	-	6	-	-	18		3		25
3P-05	135	55		80	100	-	-	7	-	-	9		-6		35
3P-06 A5	165	74	84	140	104.8	82.563	116	5	15	21	101.5	86.5	81.5	66.6	36
3P-08 A5	210	85	103	170	133.4	82.563	104.8	5	23	25	127	104	106	83	36
3P-08 A6	210	85	97	170	133.4	106.375	150	5	17	25	127	110	106	89	36
3P-10 A6	254	89	109	220	171.4	106.375	133.4	5	25	34	158	133	133	108	36
3P-10 A8	254	89	102	220	171.4	139.719	190	5	18	34	158	140	133	115	36
3P-12 A6	304	106	125	220	171.4	139.719	133.4	6	25	34	163	138	133	108	36
3P-12 A8	304	106	118	220	171.4	139.719	190	6	18	34	163	145	133	115	36
3P-15 A11	381	114	130	300	235	196.869	260	6	22	-	104	82	69	47	55

Model	J	Kmax.	L	L1		M	N	P	Omax.	Omim.	Rmax.	Rmin.	S	T	U
3P-04	26	M10x1.5	3-M8	12		24	52	14	11.3	8.3	23.3	20.1	25	10	-
3P-05	28	M12x1.5	3-M8	14		31	62	14	13.5	6	30.4	27.2	25	10	-
3P-06 A5	34	M16x2	6-M10	14	14	37	73	20	18	7.5	37.8	33.5	31	12	3-M6
3P-08 A5	38	M20x2.5	6-M12	20	17	38	95	25	22.3	11.8	46.3	41.9	35	14	6-M10
3P-08 A6	38	M20x2.6	6-M12	20	18	38	95	25	22.3	11.8	46.3	41.9	35	14	3-M6
3P-10 A6	45	M20x2.5	6-M16	18	18	43	110	30	30.8	11.3	51.1	46.7	40	16	6-M12
3P-10 A8	45	M20x2.5	6-M16	18	25	43	110	30	30.8	11.3	51.1	46.7	40	16	3-M8
3P-12 A6	50	M20x2.5	6-M16	18	18	51	130	30	48.8	12.3	61	55.8	50	18(21)	6-M12
3P-12 A8	50	M20x2.5	6-M16	18	25	51	130	30	48.8	12.3	61	55.8	50	18(21)	3-M8
3P-15 A11	60	M30x3.5	6-M20	30	33	63	165	43	48.8	23.3	77.5	69.5	62	25.5	3-M10



- Wedge-hook type 2 jaw without through hole.
- Matching surfaces of all parts are hardened,ground and lubricated directly.
- High rigidity and high clamping accuracy.
- J is the hole diameter of blank draw nut.
- K is the maximum thread specification and it could be customized.

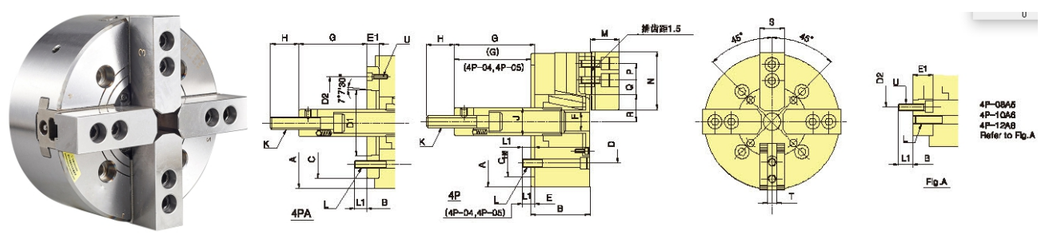
Two Jaw Solid Power Chuck
二爪中实液压卡盘

Dimensions and specifications of 2P-A type are in the

Model	Plunger stroke(mm)	Jaw stroke(dia)	Clamping range(mm)	Max.D.B. pull(KN)	Max.clamping force(KN)	Max.speed (r/min)	Moment of inertia(kg.m2)	Matching cyl.	Max.pressure (MPa)	Weight(Kg)	
2P-04	15	6.4	5-110	5.3	14.7	6000	0.01	RH-80	1.5	3.8	
2P-05	15	6.4	14-135	5.3	16.7	5500	0.02	RA-130	0.4	5.8	
2P-06	A5	20	8.5	14-165	12	35	5250	0.04	RH-100K (RA-170)	2.0(0.4)	12	13
2P-08	A5	21	8.8	17-210	16.5	50	4750	0.13	RH-125K (RA-220)	1.7(0.4)	22	26
2P-08	A6	21	8.8	17-210	16.5	50	4750	0.13	RH-125K (RA-220)	1.7(0.4)	22	25
2P-10	A6	25	8.8	22-254	19.4	71.5	4000	0.29	RH-125K (RA-220)	1.7(0.4)	33	42
2P-10	A8	25	8.8	22-254	19.4	71.5	4000	0.29	RH-125K (RA-220)	1.7(0.4)	33	40
2P-12	A8	30	10.5	22-304	27.4	103.9	3360	0.7	RH-150	2.0	57	61
2P-15	A11	35	16	50-381	54.9	164.6	3000	1.7	RH-200	2.1	96	103

Model	A	B		C	D	D1	D2	E	E1	F	Gmax.		Gmin.		H
2P-04	110	52		60	80	-	-	6	-	-	18		3		25
2P-05	135	55		80	100	-	-	7	-	-	9		-6		35
2P-06	A5	165	74	84	140	104.8	82.563	116	5	15	21	101.5	86.5	81.5	66.6	36
2P-08	A5	210	85	103	170	133.4	82.563	104.8	5	23	25	127	104	106	83	36
2P-08	A6	210	85	97	170	133.4	106.375	150	5	17	25	127	110	106	89	36
2P-10	A6	254	89	109	220	171.4	106.375	133.4	5	25	34	158	133	133	108	36
2P-10	A8	254	89	102	220	171.4	139.719	190	5	18	34	158	140	133	115	36
2P-12	A8	304	106	118	220	171.4	139.719	190	6	18	34	163	145	133	115	36
2P-15	A11	381	114	130	300	235	196.869	260	6	22	-	104	82	69	47	55

Model	J	Kmax.	L	L1		M	N	P	Omax.	Omim.	Rmax.	Rmin.	S	T	U
2P-04	26	M10x1.5	4-M8	12		24	52	14	11.3	8.3	23.3	20.1	25	10	-
2P-05	28	M12x1.5	4-M8	14		31	62	14	13.5	6	30.4	27.2	25	10	-
2P-06	A5	34	M16x2	6-M10	14	14	37	73	20	18	7.5	37.8	33.5	31	12	3-M6
2P-08	A5	38	M20x2.5	6-M12	20	17	38	95	25	22.3	11.8	46.3	41.9	35	14	6-M10
2P-08	A6	38	M20x2.5	6-M12	20	18	38	95	25	22.3	11.8	46.3	41.9	35	14	3-M6
2P-10	A6	45	M20x2.5	6-M16	18	18	43	110	30	30.8	11.3	51.1	46.7	40	16	6-M12
2P-10	A8	45	M20x2.5	6-M16	18	25	43	110	30	30.8	11.3	51.1	46.7	40	16	6-M8
2P-12	A8	50	M20x2.5	6-M16	22	25	51	130	30	48.8	12.3	61	55.8	50	18(21)	6-M8
2P-15	A11	60	M30x3.5	6-M20	30	33	63	165	43	48.8	23.3	77.5	69.5	62	25.5	3-M10



- Wedge-hook type 4 jaw without through hole.
- Matching surfaces of all parts are hardened,ground and lubricated directly.
- High rigidity and high clamping accuracy.
- J is the hole diameter of blank draw nut.
- K is the maximum thread specification and it could be customized.

Four Jaw Solid Power Chuck
四爪中实液压卡盘

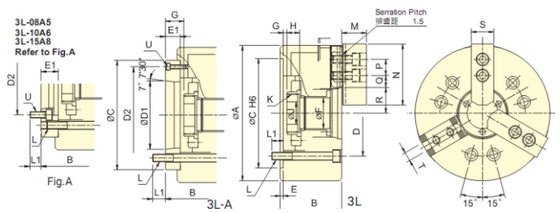
Dimensions and specifications of 4P-A type are in the red data.

Model	Plunger stroke(mm)	Jaw stroke(dia)	Clamping range(mm)	Max.D.B .pull(KN)	Max.clamping force(KN)	Max.speed (r/min)	Moment of inertia(kg.m2)	Matching cyl.	Max.pressure(MPa)	Weight(Kg)	
4P-04	15	6.4	5-110	5.3	14.7	6000	0.01	RH-80 (RA-130)	1.5(0.4)	3.8	
4P-05	15	6.4	14-135	5.3	16.7	5500	0.02	RH-80 (RA-130)	1.5(0.4)	5.8	
4P-06	A5	20	8.5	14-165	12	35	5250	0.04	RH-100K (RA-170)	2.0(0.4)	12	13
4P-08	A5	21	8.8	17-210	16.5	50	4750	0.13	RH-125K (RA-220)	1.7(0.4)	22	26
4P-08	A6	21	8.8	17-210	16.5	50	4750	0.13	RH-125K (RA-220)	1.7(0.4)	22	25
4P-10	A6	25	8.8	22-254	19.4	71.5	4000	0.29	RH-125K (RA-220)	2.0(0.4)	33	42
4P-10	A8	25	8.8	22-254	19.4	71.5	4000	0.29	RH-125K (RA-220)	2.0(0.4)	33	40
4P-12	A8	30	10.5	22-304	27.4	103.9	3360	0.7	RH-150	2.0	57	61

Model	A	B		C	D	D1	D2	E	E1	F	Gmax.		Gmin.		H
4P-04	110	52		60	80	-	-	6	-	-	18		3		25
4P-05	135	55		80	100	-	-	7	-	-	9		-6		35
4P-06	A5	165	74	84	140	104.8	82.563	116	5	15	21	101.5	86.5	81.5	66.	36
4P-08	A5	210	85	103	170	133.4	82.563	104.8	5	23	25	127	104	106	83	36
4P-08	A6	210	85	97	170	133.4	106.375	150	5	17	25	127	110	106	89	36
4P-10	A6	254	89	109	220	171.4	106.375	133.4	5	25	34	158	133	133	108	36
4P-10	A8	254	89	102	220	171.4	139.719	190	5	18	34	158	140	133	115	36
4P-12	A8	304	106	118	220	171.4	139.719	190	6	18	34	163	145	133	115	36

Model	J	Kmax.	L	L1		M	N	P	Omax.	Omim.	Rmax.	Rmin.	S	T	U
4P-04	26	M10x1.5	4-M8	12		24	52	14	11.3	8.3	23.3	20.1	25	10	-
4P-05	28	M12x1.5	4-M8	14		31	62	14	13.5	6	30.4	27.2	25	10	-
4P-06	A5	34	M16x2	4-M10	14	14	37	73	20	18	7.5	37.8	33.5	31	12	3-M6
4P-08	A5	38	M20x2.5	4-M12	20	17	38	95	25	22.3	11.8	46.3	41.9	35	14	6-M10
4P-08	A6	38	M20x2.5	4-M12	20	18	38	95	25	22.3	11.8	46.3	41.9	35	14	3-M6
4P-10	A6	45	M20x2.5	4-M16	18	18	43	110	30	30.8	11.3	51.1	46.7	40	16	6-M12
4P-10	A8	45	M20x2.5	4-M16	18	25	43	110	30	30.8	11.3	51.1	46.7	40	16	3-M8
4P-12	A8	50	M20x2.5	4-M16	22	25	51	130	30	48.8	12.3	61	55.8	50	18(21)	3-M8





- Crank type 3 jaw with large through hole and extra long jaw stroke.
- Matching surfaces of all parts are hardened,ground and lubricated directly.
- High rigidity and high clamping accuracy.
- J is the hole diameter of blank draw nut.
- K is the maximum thread specification and it could be customized.

Dimensions and specifications of 3L-A type are in the red

Three Jaw Thru-hole Power Chuck with Extra Long Jaw Stroke
三爪超长爪行程中空动力卡盘

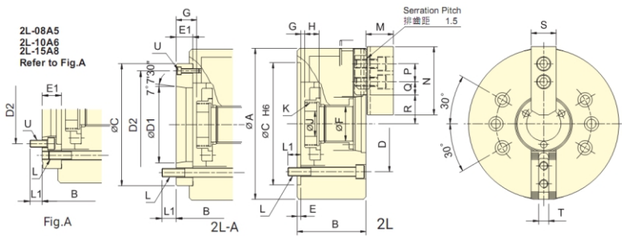
Model	Plunger stroke(mm)	Jaw stroke(dia)	Clamping range(mm)	Max.D.B .pull(KN)	Max.clamping force(KN)	Max.speed (r/min)	Moment of inertia(kg.m2)	Matching cyl.	Max.pressure (MPa)	Weight(Kg)	
3L-05 A4	12	18	6-138	15.6	17.2	4200	0.02	TH-536	2.3	7.2	8
3L-06 A5	15	24	18-170	23.5	26	3600	0.06	TH-646	2.7	14.7	15.9
3L-08 A5	20	32	25-215	34.3	35	3000	0.18	TH-852	2.8	23	25.7
3L-08 A6	20	32	25-215	34.3	40.7	3000	0.18	TH-852	2.8	24.1	24.6
3L-10 A6	25	37.5	47-260	47.7	48	2400	0.35	TH-1075	3.3	39.5	46.5
3L-10 A8	25	37.5	47-260	47.7	48	2400	0.35	TH-1075	3.3	39.5	45
3L-12 A8	30	45	54-315	64.7	61	2100	0.83	TH-1291	3	67.3	70.5
3L-15 A8	35	52	50-385	84.3	68	1600	2.58	TH-1512	2.6	136	150
3L-15 A11	35	52	50-385	84.3	68	1600	2.58	TH-1512	2.6	136	143

Model	A	B		C	D	D1	D2	E	E1	F	Gmax.		Gmin.		H
3L-05 A4	135	65	76	110	82.6	63.513	96	4	15	32	1	16	-11	4	20
3L-06 A5	170	84	97	140	104.8	82.563	116	5	18	45	6.5	24.5	-8.5	9.5	19
3L-08 A5	215	96	114	170	133.4	82.563	104.8	5	23	52	7	30	-13	10	20
3L-08 A6	215	96	114	170	133.4	106.375	150	5	23	52	7	30	-13	10	20
3L-10 A6	260	108	128	220	171.4	106.375	133.4	5	25	75	8.5	33	-16.5	8	25
3L-10 A8	260	108	121	220	171.4	139.719	190	5	18	75	8.5	26.5	-16.5	1.5	25
3L-12 A8	315	125	138	220	171.4	139.719	190	6	18	91	15	33	-15	3	30
3L-15 A8	385	150	177	300	171.4	139.719	171.4	6	33	120	12.5	45.5	-22.5	10.5	39
3L-15 A11	385	150	166	300	235	196.869	260	6	22	120	12.5	34.5	-22.5	-0.5	39

Model	J	Kmax.	L	L1		M	N	P	Omax.	Omim.	Rmax.	Rmin.	S	T	U
3L-05 A4	12	M40x1.5	3-M10	15	15	31	62	14	23	9.5	31	22	25	10	3-M6
3L-06 A5	20	M55x2	3-M10	18	15	37	73	20	15.25	7.75	51	39	31	12	3-M6
3L-08 A5	30	M60x2	3-M12	18	19	38	95	25	19.25	10.25	63.5	47.5	35	14	6-M10
3L-08 A6	30	M60x2	3-M12	18	20	38	95	25	19.25	10.25	63.5	47.5	35	14	3-M6
3L-10 A6	45	M85x2	3-M16	24	20	43	110	30	24.75	11.25	80	61.25	40	16	3-M12
3L-10 A8	45	M85x2	3-M16	24	21	43	110	30	24.75	11.25	80	61.25	40	16	3-M8
3L-12 A8	50	M100x2	3-M16	24	21	51	130	30	29.75	13.25	96.5	74	50	21	3-M8
3L-15 A8	60	M130x2	6-M20	33	31	63	165	43	51.25	27.25	94.25	68.25	62	25.5	6-M16
3L-15 A11	60	M130x2	6-M20	33	31	63	165	43	51.25	27.25	94.25	68.25	62	25.5	3-M10

Hydraulic Power Chucks
动力卡盘





- Crank type 2 jaw with large through hole and extra long jaw stroke.
- Matching surfaces of all parts are hardened,ground and lubricated directly.
- High rigidity and high clamping accuracy.
- J is the hole diameter of blank draw nut.
- K is the maximum thread specification and it could be customized.

Dimensions and specifications of 2L-A type are in the red data.

Two Jaw Thru-hole Power Chuck with Extra Long Jaw Stroke
二爪超长爪行程中空动力卡盘

Model	Plunger stroke(mm)	Jaw stroke(dia)	Clamping range(mm)	Max.D.B .pull(KN)	Max.clamping force(KN)	Max.speed (r/min)	Moment of inertia(kg.m2)	Matching cyl.	Max.pressure (MPa)	Weight(Kg)	
2L-05 A4	12	18	6-135	10.4	11.4	4200	0.02	TH-536	1.5	6.9	7.7
2L-06 A5	15	24	18-170	15.7	17.3	3600	0.06	TH-646	1.8	14.4	15.6
2L-08 A5	20	32	25-215	22.9	27.1	3000	0.18	TH-852	1.9	22	26
2L-08 A6	20	32	25-215	22.9	27.1	3000	0.18	TH-852	1.9	22	24.2
2L-10 A6	25	37.5	47-260	31.8	37.3	2400	0.33	TH-1075	2.5	40	45.5
2L-10 A8	25	37.5	47-260	31.8	37.3	2400	0.33	TH-1075	2.5	37	44
2L-12 A8	30	45	30-304	43.1	50	2100	0.8	TH-1291	2	60	65.5
2L-15 A8	35	52	50-385	56.2	53	1600	2.52	TH-1512	1.7	133	147
2L-15 A11	35	52	50-385	56.2	53	1600	2.52	TH-1512	1.7	133	140

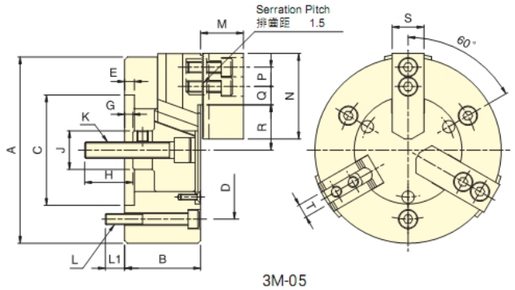
Model	A	B		C	D	D1	D2	E	E1	F	Gmax.		Gmin.		H
2L-05 A4	138	65	76	110	82.6	63.513	96	4	15	32	1	16	-11	4	20
2L-06 A5	170	84	97	140	104.8	82.563	116	5	18	45	6.5	24.5	-8.5	9.5	19
2L-08 A5	215	96	114	170	133.4	82.563	104.8	5	23	52	7	30	-13	10	20
2L-08 A6	215	96	114	170	133.4	106.375	150	5	23	52	7	30	-13	10	20
2L-10 A6	260	108	128	220	171.4	106.375	133.4	5	25	75	8.5	33	-16.5	8	25
2L-10 A8	260	108	121	220	171.4	139.719	190	5	18	75	8.5	26.5	-16.5	1.5	25
2L-12 A8	304	127	140	220	171.4	139.719	190	5	18	91	15	33	-15	3	28
2L-15 A8	385	150	177	300	235	139.719	171.4	6	33	120	12.5	45.5	-22.5	10.5	39
2L-15 A11	385	150	166	300	235	196.869	260	6	22	120	12.5	34.5	-22.5	-0.5	39

Model	J	Kmax.	L	L1		M	N	P	Omax.	Omim.	Rmax.	Rmin.	S	T	U
2L-05 A4	12	M40x1.5	4-M10	15	15	31	62	14	23	13.75	31	22	25	10	3-M6
2L-06 A5	20	M55x2	4-M10	18	15	37	73	20	15.25	7.75	51	39	31	12	3-M6
2L-08 A5	30	M60x2	4-M12	18	19	38	95	25	19.25	10.25	63.5	47.5	35	14	6-M10
2L-08 A6	30	M60x2	4-M12	18	20	38	95	25	19.25	10.25	63.5	47.5	35	14	3-M6
2L-10 A6	45	M85x2	4-M16	24	20	43	110	30	24.75	11.25	80	61.25	40	16	6-M12
2L-10 A8	45	M85x2	4-M16	24	21	43	110	30	24.75	11.25	80	61.25	40	16	3-M8
2L-12 A8	50	M100x2	4-M16	22	19	51	130	30	46.25	19.25	77	54.5	50	21	3-M8
2L-15 A8	60	M130x2	6-M20	33	27.5	63	165	43	51.25	27.25	94.25	68.25	62	25.5	6-M16
2L-15 A11	60	M130x2	6-M20	33	31	63	165	43	51.25	27.25	94.25	68.25	62	25.5	3-M10

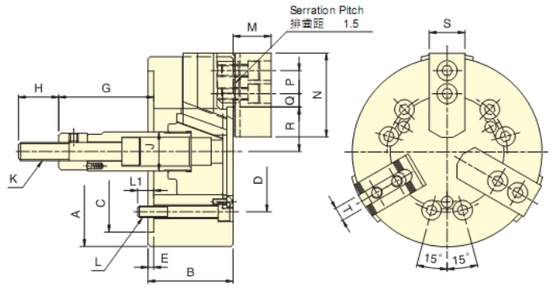


- Wedge-hook type 3 jaw with extra long jaw stroke.
- Matching surfaces of all parts are hardened,ground and lubricated directly.
- High rigidity and high clamping accuracy.

Three Jaw Solid Power Chuck
with Extra Long Jaw Stroke
三爪超长爪行程中实动力卡盘



3M-05



3M-06~3M-12

Model	Plunger stroke(mm)	Jaw stroke(dia)	Clamping range(mm)	Max.D.B. pull(KN)	Max.clamping force(KN)	Max.speed (r/min)	Moment of inertia(kg.m2)	Matching cyl.	Max.pressure (MPa)	Weight (Kg)
3M-05	15	10.9	14-135	9.8	16.4	4500	0.02	RK-75(N)	2.7	6
3M-06	20	14.5	14-165	21.6	36	4000	0.04	RK-100(N)	3	12.2
3M-08	23	16.7	17-210	29.4	54.9	3500	0.13	RK-125(N)	2.9	23
3M-10	27	19.6	22-254	39.2	74	3000	0.3	RK-150(N)	2.8	34.4
3M-12	30	21.8	26-304	54	99	2500	0.71	RK-150(N)	3.6	59.4

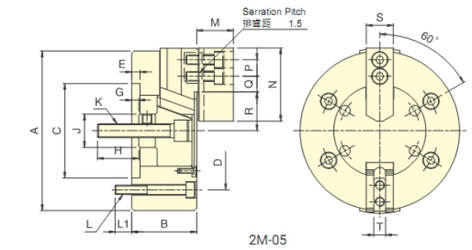
Model	A	B	C	D	E	Gmax.	Gmin.	H	J	K
3M-05	135	55	80	100	7	6	-9	35	28	M12x1.75
3M-06	165	74	140	104.8	5	101.6	81.6	36	34	M16x2
3M-08	210	85	170	133.4	5	129	106	36	38	M20x2.5
3M-10	254	89	220	171.4	5	160	133	36	45	M20x2.5
3M-12	304	106	220	171.4	6	70	40	46	50	M24x3

Model	L	L1	M	N	P	Omax.	Omim.	Rmax.	Rmin.	S	T
3M-05	3-M8	14	31	62	14	15.5	5	30.9	27.45	25	10
3M-06	6-M10	14	37	73	20	17	8	38.7	31.45	30	12
3M-08	6-M12	20	38	95	25	22.3	8.8	47.5	39.15	35	14
3M-10	6-M16	18	43	110	30	32.3	12.8	53.9	44.1	40	16
3M-12	6-M16	18	51	130	30	47.8	13.3	62.5	51.6	50	21

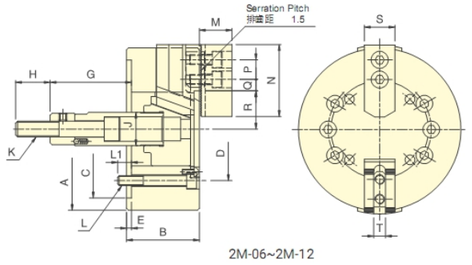


- Wedge-hook type 2 jaw with extra long jaw stroke.
- Matching surfaces of all parts are hardened,ground and lubricated directly.
- High rigidity and high clamping accuracy.

Two Jaw Solid Power Chuck
with Extra Long Jaw Stroke
二爪超长爪行程中实动力卡盘



2M-05



2M-06~2M-12

Model	Plunger stroke(mm)	Jaw stroke(dia)	Clamping range(mm)	Max.D.B .pull(KN)	Max.clamping force(KN)	Max.speed (r/min)	Moment of inertia(kg.m2)	Matching cyl.	Max.pressure (MPa)	Weight (Kg)
2M-05	15	10.9	14-135	6.5	11	4500	0.02	RK-75(N)	1.8	6
2M-06	20	14.5	14-165	14.3	24	4000	0.04	RK-100(N)	2	12.2
2M-08	23	16.7	17-210	19.6	36.6	3500	0.13	RK-125(N)	1.9	23
2M-10	27	19.6	22-254	26.1	49.3	3000	0.3	RK-150(N)	1.8	34.4
2M-12	30	21.8	26-304	36	66	2500	0.71	RK-150(N)	2.4	59.1

Model	A	B	C	D	E	Gmax.	Gmin.	H	J	K
2M-05	135	55	80	100	7	6	-9	35	28	M12x1.75
2M-06	165	74	140	104.8	5	101.6	81.6	36	34	M16x2
2M-08	210	85	170	133.4	5	129	106	36	38	M20x2.5
2M-10	254	89	220	171.4	5	160	133	36	45	M20x2.5
2M-12	304	106	220	171.4	6	70	40	46	50	M24x3

Model	L	L1	M	N	P	Omax.	Omim.	Rmax.	Rmin.	S	T
2M-05	4-M8	14	31	62	14	15.5	5	30.9	27.45	25	10
2M-06	6-M10	14	37	73	20	17	8	38.7	31.45	30	12
2M-08	6-M12	20	38	95	25	22.3	8.8	47.5	39.15	35	14
2M-10	6-M16	18	43	110	30	32.3	12.8	53.9	44.1	40	16
2M-12	6-M16	18	51	130	30	47.8	13.3	62.5	51.6	50	21