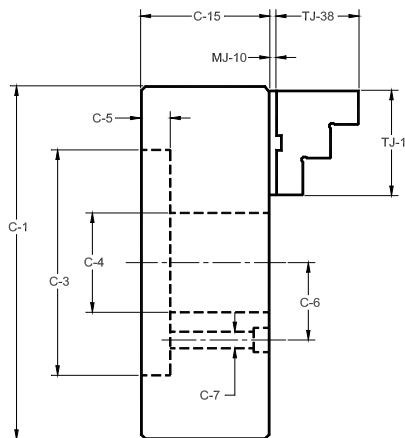




Kalamazoo Chuck Mfg & Service Center

KCM MICRO SET CHUCKS-SEMI STEEL BODY

THREE JAW SCROLL CHUCKS WITH TOP REVERSIBLE JAWS



Size	Model	OD Min	OD Max	ID Min	ID Max	Max RPM
6"	2063R	0.125	6.000	1.875	6.000	3400
8"	2083R	0.250	8.250	2.125	8.593	3100
10"	2103R	0.500	10.000	3.062	11.046	2700
12"	2124R	0.500	12.00	3.468	12.390	2200
15"	2153R	1.500	15.00	4.750	15.748	1500

Semi-Steel body. Scroll and jaws hardened and ground for increased life and gripping force. .0005" TIR REPEATABILITY

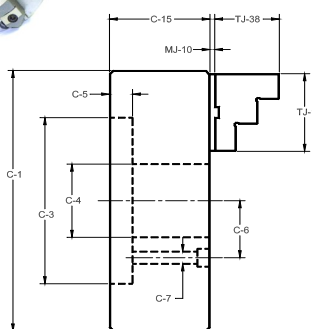
Supplied With:

Master jaws and Top jaws, T-Wrench, Mounting Screws

OPTIONS:

Soft Top Jaws

Size	Model	Weight	C-1	C-3	C-4	C-5	C-6	C-7	C-15	MJ-10	TJ-1	TJ-38
6"	2063R	19	6.00	3.125	1.520	0.688	2.671	0.281	2.350	0.100	2.531	1.496
8"	2083R	50	8.250	4.750	2.257	0.750	3.750	0.406	3.125	0.175	3.562	2.008
10"	2103R	70	10.00	6.375	2.810	0.803	2.188	0.469	3.500	0.165	3.750	2.480
12"	2124R	116	12.00	7.906	3.257	0.803	2.625	0.531	4.000	0.165	4.375	2.500



SIX JAW SCROLL CHUCKS WITH TOP REVERSIBLE JAWS

Size	Model	OD Min	OD Max	ID Min	ID Max	Max RPM
6"	2066R	0.500	5.400	2.300	5.750	2500
8"	2086R	0.500	8.250	2.570	7.828	2200
10"	2106R	0.684	10.000	3.860	10.281	1900
12"	2126R	0.843	12.000	3.796	12.250	1500
15"	2156R	1.500	15.000	4.750	13.375	1800

Semi-Steel body. Scroll and jaws hardened and ground for increased

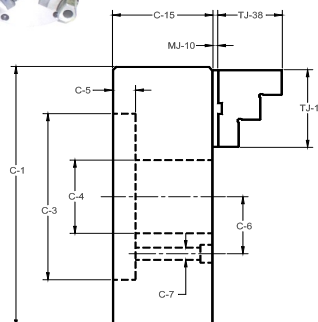
Size	Model	Weight	C-1	C-3	C-4	C-5	C-6	C-7	C-15	MJ-10	TJ-1	TJ-38
6"	2066R	22	6.000	3.125	1.520	0.688	2.671	0.281	2.350	0.100	2.531	1.496
8"	2086R	53	8.250	4.750	2.257	0.750	3.750	0.406	3.125	0.175	3.562	2.008
10"	2106R	72	10.00	6.375	2.810	0.800	2.188	0.469	3.500	0.165	3.750	2.480
12"	2126R	146	12.00	7.906	3.257	0.875	2.625	0.531	4.000	0.165	4.375	2.500



Kalamazoo Chuck Mfg & Service Center

MADE IN USA

KCM MICRO SET CHUCKS-STEEL BODY



THREE JAW SCROLL CHUCKS WITH TOP REVERSIBLE JAWS

Size	Model	OD Min	OD Max	ID Min	ID Max	Max RPM
6"	2063RS	0.125	6.00	1.875	6.000	4500
8"	2083RS	0.250	8.250	2.125	8.593	4000
10"	2103RS	0.500	10.000	3.0625	11.046	3400
12"	2124RS	0.500	12.000	3.281	12.390	2200
15"	2153RS	1.500	15.000	4.750	15.748	1500
18"	2183RS	1.500	18.000	4.750	16.750	1100
24"	2224RS	1.500	24.000	4.750	22.00	900

.0005" TIR REPEATABILITY

Size	Model	Weight	C-1	C-3	C-4	C-5	C-6	C-7	C-15	MJ-10	TJ-1	TJ-38
6"	2063RS	24	6.000	3.125	1.520	0.688	2.671	0.281	2.350	0.100	2.531	1.496
8"	2083RS	46	8.250	4.750	2.257	0.750	3.750	0.406	3.125	0.175	3.562	2.008
10"	2103RS	75	10.00	6.375	2.810	0.803	2.188	0.469	3.500	0.165	3.750	2.480
12"	2124RS	120	12.00	7.906	3.257	0.803	2.625	0.531	4.000	0.165	4.375	2.500
15"	2153RS	196	15.00	11.781	4.250	1.063	3.375	0.656	5.781	0.281	5.500	3.307
18"	2183RS	390	18.00	11.781	5.025	1.125	3.375	0.656	5.781	0.281	5.500	3.270
24"	2224RS	725	24.00	16.030	7.025	1.188	4.625	0.781	6.531	0.250	5.500	3.270



SIX JAW SCROLL CHUCKS WITH TOP REVERSIBLE JAWS

Size	Model	OD Min	OD Max	ID Min	ID Max	Max RPM
6"	2066RS	0.500	6.000	1.875	5.750	4000
8"	2086RS	0.500	8.250	2.125	6.750	3500
10"	2106RS	0.500	9.360	2.937	8.718	2600
12"	2126RS	0.843	11.312	3.281	10.125	2000
15"	2154RS	1.500	15.000	4.750	13.375	1800
18"	2186RS	1.500	18.000	4.750	16.750	1400
24"	2246RS	1.500	24.000	4.750	22.00	900

Supplied With:

Master jaws and Top jaws,
T-Wrench, Mounting Screws

Options:

Soft top jaws

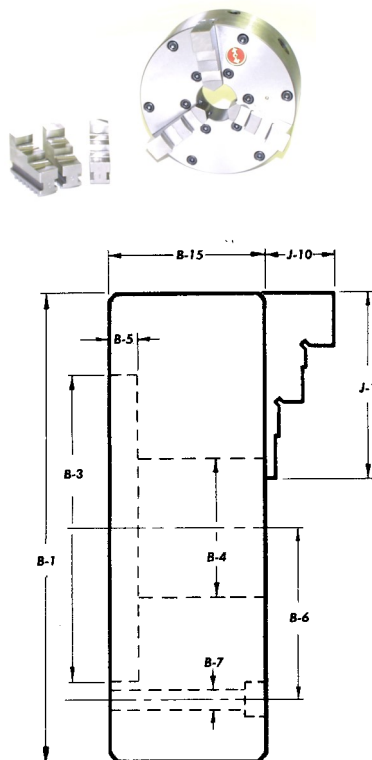
Size	Model	Weight	C-1	C-3	C-4	C-5	C-6	C-7	C-15	MJ-10	TJ-1	TJ-38
6"	2066RS	28	6.000	3.125	1.520	0.688	2.671	0.281	2.350	0.100	2.531	1.496
8"	2086RS	51	8.250	4.750	2.257	0.750	3.750	0.406	3.125	0.175	3.562	2.008
10"	2106RS	79	10.00	6.375	2.810	0.800	2.188	0.469	3.500	0.165	3.750	2.480
12"	2126RS	130	12.00	7.906	3.257	0.875	2.625	0.531	4.000	0.165	4.375	2.500
15"	2154RS	215	15.00	11.781	4.250	1.063	3.375	0.656	5.781	0.281	5.500	3.307
18"	2186RS	390	18.00	11.781	5.025	1.125	3.375	0.656	5.781	0.281	5.500	3.270
24"	2246RS	725	24.00	16.030	7.025	1.188	4.625	0.781	6.531	0.250	5.500	3.270



Kalamazoo Chuck Mfg & Service Center

KCM MICRO SET CHUCKS

THREE JAW SCROLL CHUCK WITH SOLID INSIDE & OUTSIDE JAWS



Size	Model	OD Min	OD Max	ID Min	ID Max	Max RPM
4"	B3434	1.181	3.543	0.079	1.181	
5"	B3533	1.575	5.118	1.118	1.575	
6"	B3634	1.984	5.375	0.125	1.843	3400
8"	B3833	2.140	9.000	0.187	2.718	3100
10"	B3103	3.375	10.000	0.437	4.812	2700
12"	B3123	4.250	12.400	0.750	5.375	2200

	4"	5"	6"	8"	10"	12"
B-3	2.125	2.375	3.125	4.750	6.375	7.906
B-4	.0866	1.296	1.520	2.257	2.810	3.257
B-5	0.656	0.656	0.687	0.750	0.800	0.875
B-6	1.765	2.219	2.672	3.750	2.187	2.625
B-7	0.219	0.281	0.281	0.406	0.469	0.531
B-15	2.900	2.065	2.350	3.125	3.500	4.000
J-1	1.500	1.844	2.500	3.500	3.625	4.250
J-10	.800	0.750	0.953	1.344	1.750	1.700

SI

Size	Model	OD Min	OD Max	ID Min	ID Max	Max RPM
6"	3665	1.984	5.375	0.125	1.843	2500
8"	4865	2.187	7.750	0.187	2.718	2200
10"	5106	3.375	10.000	0.437	4.812	1900
12"	5127	4.250	11.250	0.750	5.375	1300

Supplied With:

1 Set of Inside and
1 Set of Outside Solid
Jaws, and Chuck Wrench

.0005" TIR REPEATABILITY
DUPLICATED PARTS THROUGH
12" CHUCKS

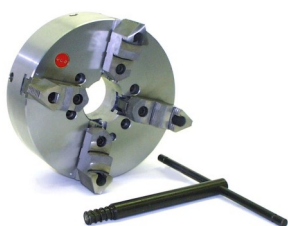
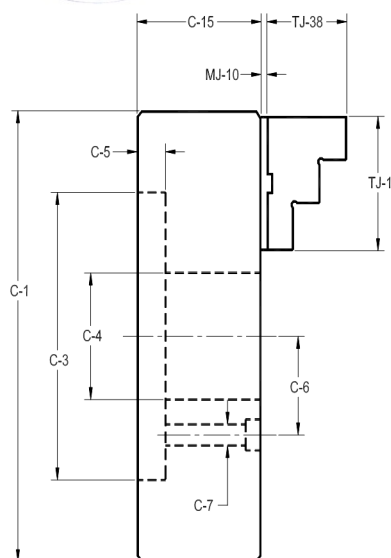
	6"	8 1/4"	10"	12"
C-1	6.000	8.250	10.00	12.00
C-3	3.125	4.750	6.375	7.906
C-4	1.520	2.257	2.810	3.257
C-5	0.687	0.750	0.800	0.875
C-6	2.672	3.750	2.187	2.625
C-7	0.281	0.406	0.469	0.531
C-15	2.350	3.125	3.500	4.000
J-1	2.500	3.500	3.625	4.250
J-10	0.953	1.344	1.750	1.700



Kalamazoo Chuck Mfg & Service Center

KCM MICRO SET CHUCKS

2-JAW MICRO SET SCROLL CHUCKS



Chuck Dia.	Chuck No.	Master Jaw Width	Avg. Spindle Weight with Mounting plate
6"	3623	0.738	24
8.25"	4822	0.950	57
10"	2102	1.234	81
12"	2122	1.484	125

	6"	8 1/4"	10"	12"
C-1	6.000	8.250	10.000	12.000
C-3	3.125	4.750	6.375	7.906
C-4	1.520	2.257	2.810	3.257
C-5	0.688	0.750	0.800	0.800
C-6	2.671	3.750	2.188	2.625
C-7	0.281	0.406	0.469	0.531
C-15	2.650	3.125	3.500	4.000
MJ-10	0.100	0.175	0.165	0.165
TJ-1	2.531	3.562	3.750	4.375
TJ-38	1.403	1.875	2.375	2.375

4-JAW MICRO SET SCROLL CHUCKS

Chuck Dia.	Chuck No.	Master Jaw Width	Avg. Spindle Weight with Mounting Plate
6"	1064R	0.738	26
8.25"	1084R	0.950	61
10"	1104R	1.234	87
12"	1125R	1.484	131

Designed for handling "T's", Elbows, and other odd shaped parts. Master Jaw series only. Style #7 Soft top jaws required for workholding.

	6"	8 1/4"	10"	12"
C-1	6.000	8.250	10.000	12.000
C-3	3.125	4.750	6.375	7.906
C-4	1.520	2.257	2.810	3.257
C-5	0.688	0.750	0.800	0.875
C-6	2.671	3.750	2.188	2.625
C-7	0.281	0.406	0.469	0.531
C-15	2.350	3.125	3.500	4.000
MJ-10	0.100	0.175	0.165	0.165
TJ-1	2.531	3.562	3.750	4.375
TJ-38	1.406	1.875	2.375	2.375



Kalamazoo Chuck Mfg & Service Center

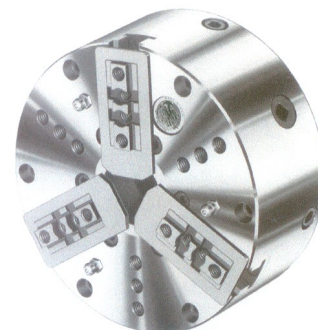
DUST-PROOF CHUCKS

Kalamazoo Chuck Manufacturing offers a Dust-Proof chuck with a center hole, full workholding capacity and minimum overhang. It gives you the full Micro Set precision on grinders and other abrasive applications, where chuck wear must be minimized.

Working parts are protected four ways.

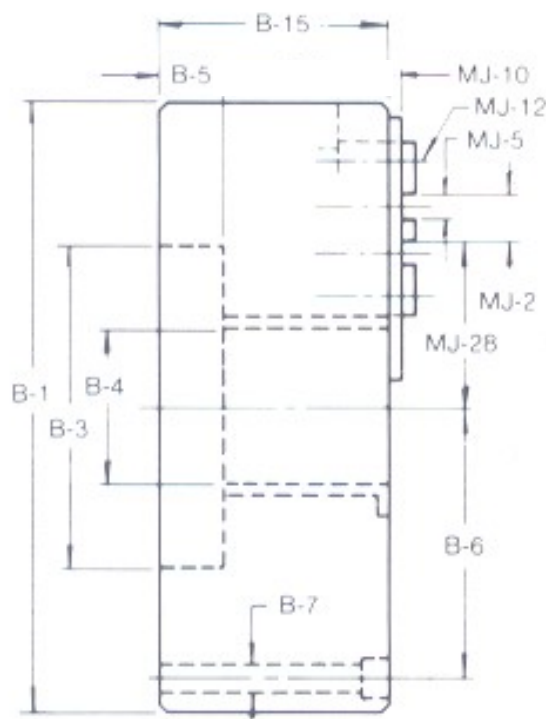
1. The center hole bushing seals off internal keyway ends.
2. Jaw slots are sealed at outside ends.
3. Dust plates seal openings under top jaws.

Grease fittings allow positive lubrication and seal under dust plates.



Chuck Diameter	Chuck Number	Av. Spindle Weight with Mtg. Plate
6"	2063DP	24
8"	2083DP	63
12"	2124DP	125
15"	2154DP	260
18"	2184DP	375
24"	2244DP	675

NOTE: One set of hardened reversible top jaws will be supplied. Soft blank top jaws are also available. To re-order, specify both style jaws and chuck number.

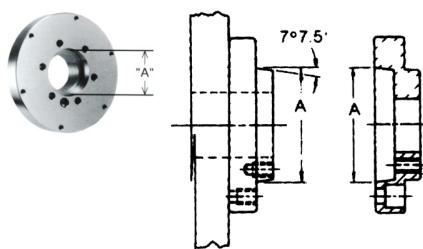


Chuck Dia	B-1	B-3	B-4	B-5	B-6	B-7	B-15	MJ2	MJ-5	MJ-10	MJ-12	MJ-	28	# of Cross Slots
												Max	Min	
6"	6.00	3.125	1.28	.688	2.672	.250	2.281	.437	.251	.110	5/16-18	2.156	1.625	2
8"	9.00	4.750	2.00	.750	4.094	.375	2.281	.500	.251	.150	3/8-16	2.328	1.718	3
12"	12.00	7.906	3.00	.812	2.625	.500	4.00	.625	.312	.165	½-13	3.187	2.312	4
15"	15.00	11.781	4.281	1.125	3.375	.625	5.75	1.000	.500	.281	¾-10	3.875	3.375	4
18"	18.00	11.781	4.531	1.125	3.375	.625	5.75	1.000	.500	.281	¾-10	4.625	3.500	4
24"	24.00	16.031	6.687	1.187	4.625	.750	6.50	1.500	.750	.281	¾-10	7.125	4.500	4

Micro Set Mounting Plates

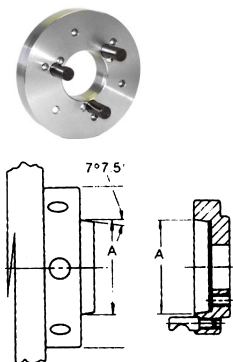
KCM Mountings are designed for easy installation. They also minimize overhang by using the Micro Set recessed design. All Micro Set Mountings are interchangeable on the same size chuck

AMERICAN STANDARD FLANGE NOSE-TYPE A



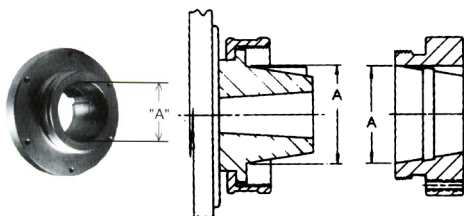
Spindle Nose	A"			Chuck Size			
	Dia.	5"	6"	8 1/4"	10"	12"	15"/18"
A-4	2.500	AS-304	AS-301				
A-5	3.250	AS-305	AS-302	AS-307	AS-311		
A-6	4.190		AS-303	AS-308	AS-312	AS-315	
A-8	5.500		AS-306	AS-309	AS-313	AS-316	AS-344
A-11	7.750				AS-317		AS-349

CAMLOCK-TYPE D



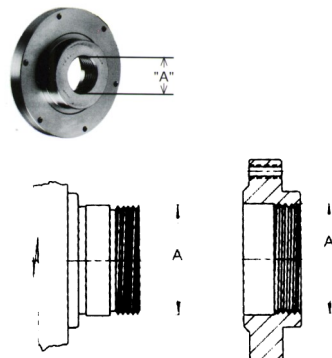
Spindle Nose	A"			Chuck Size			
	Dia.	5"	6"	8 1/4"	10"	12"	15"
D-3	2.130	CD-205	CD-203	CD-220			
D-4	2.500	CD-221	CD-201	CD-204	CD-219		
D-5	3.250		CD-202	CD-208	CD-210		
D-6	4.190		CD-206	CD-209	CD-211	CD-214	CD-238
D-8	5.500		CD-247	CD-207	CD-212	CD-215	CD-267
D-11	7.750					CD-273	CD-266

LONG TAPER KEY DRIVE-TYPE L



Spindle Nose	A"		Chuck Size			
	Dia.	6"	8 1/4"	10"	12"	15"
L-00	2.750	LT-100	LT-108	LT-111		
L-0	3.250	LT-101	LT-109	LT-112	LT-115	LT-175
L-1	4.130		LT-110	LT-113	LT-116	LT-176
L-2	5.250					LT-177

THREADED MOUNTING PLATES



Spindle Nose	A"		Chuck Size			
	Dia.	5"	6"	8 1/4"	10"	12"
1 1/2-8"	1.500	TH-903	TH-950			
1 3/4-8"	1.750	TH-904	TH-951		TH-994	
2 1/4-8"	2.250		TH-955	TH-985	TH-995	
2 3/8-6"	2.380		TH-958	TH-986	TH-989	TH-997
2 3/4-8"	2.750					TH-999



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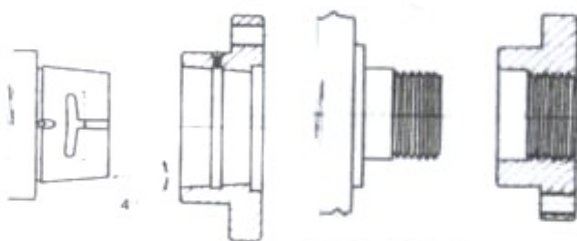
Micro Set Mounting Plates

HARDINGE 4° Mounting Plates



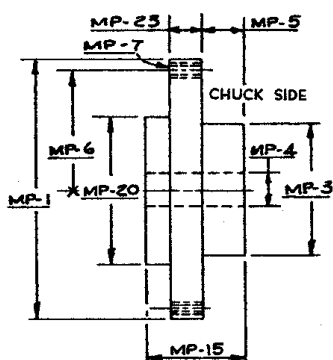
Spindle Nose	Mounting Part Number	Chuck Size	Chuck Part Number
4 Taper	HS-790	5" 3-Jaw	1053R
4 Taper	HS-357	6"-3 Jaw	1063R
4 Taper	HS-357	6"-6 Jaw	1066R
4 Taper	HS-362	6"-4 Jaw	2406-2506R

HARDINGE 2-3/16-10 Threaded Mounting Plates

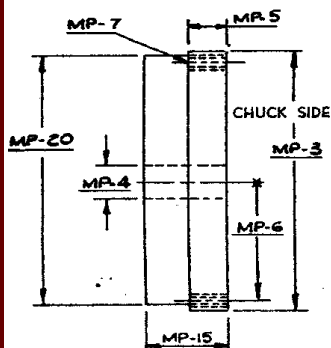


Spindle Nose	Mounting Part Number	Chuck Size	Chuck Part Number
2 3/16-10	HK-120	5"-3 Jaw	1053R
2 3/16-10"	HK-276	6"-3 Jaw	1063R
2 3/16-10"	HK-276	6"-6 Jaw	1066R
2 3/16-10"	HK-673	6"-4 Jaw	2406-2506R

9" & SMALLER



10" & LARGER



Rotary Table	Mounting Part Number	Chuck Size	Chuck Part Number
HA5C	HS-276	6"3-Jaw	1063R
	HK-673	6"4-Jaw	2406-2506R
HRT-160	AS-160-H	6"3-Jaw	1063R
	J4-160-H	6"4-Jaw	2408-2508R
HRT-210	AS-210-H	8"3-Jaw	1083R
	J4-210-H	8"4-Jaw	2410-2510R
HRT-310	AS-310-H	12"3-Jaw	1123R
	J4-310-H	12"4-Jaw	2412-2512R

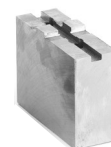
Principal Dimension of Finished Mounting Plates

Chuck Dia.	4"	5"	6"	8 1/4"	10"	12"	15"/18"	21"/24"
Mtg Plate	T-905	T-931	T-959	T-987	T-996	T-998	T-1003	T-1000
MP-1	3 7/8	4 7/8	5 7/8	8 1/8	-	-	-	-
MP-3	2.109 2.106	2.359 2.356	3.109 3.106	4.730 4.728	6.344 6.399	7.875 7.870	11.750 11.745	16.000 15.995
MP-4	3/8	5/8	1 5/16	1 3/4	1 3/4	2	2	2
MP-5	39/64	39/64	39/64	45/64	7/8	7/8	1	1
MP-6	1 49/64	2 7/32	2 43/64	3 3/4	2 3/16	2 5/8	3 3/8	4 5/8
MP-7	10-24 Tap	1/4-20 Tap	3/4-20 Tap	3/8-16 Tap	7/16-14 Tap	1/2-13 Tap	5/8-11 Tap	3/4-10 Tap
MP-15	1 3/16	1 1/4	2	2	2 5/8	3	3 3/4	4
MP-20	2 3/16	2 1/2	3 3/16	4 25/32	6 7/32	7 3/4	11 5/8	15 7/8
MP-23	1/2	1/2	5/8	5/8	-	-	-	-



Kalamazoo Chuck Mfg & Service Center

REPLACEMENT PARTS AND JAWS



Top jaw

Master Jaw

Scroll

Pinion

Micro Set Screw

Chuck Wrench

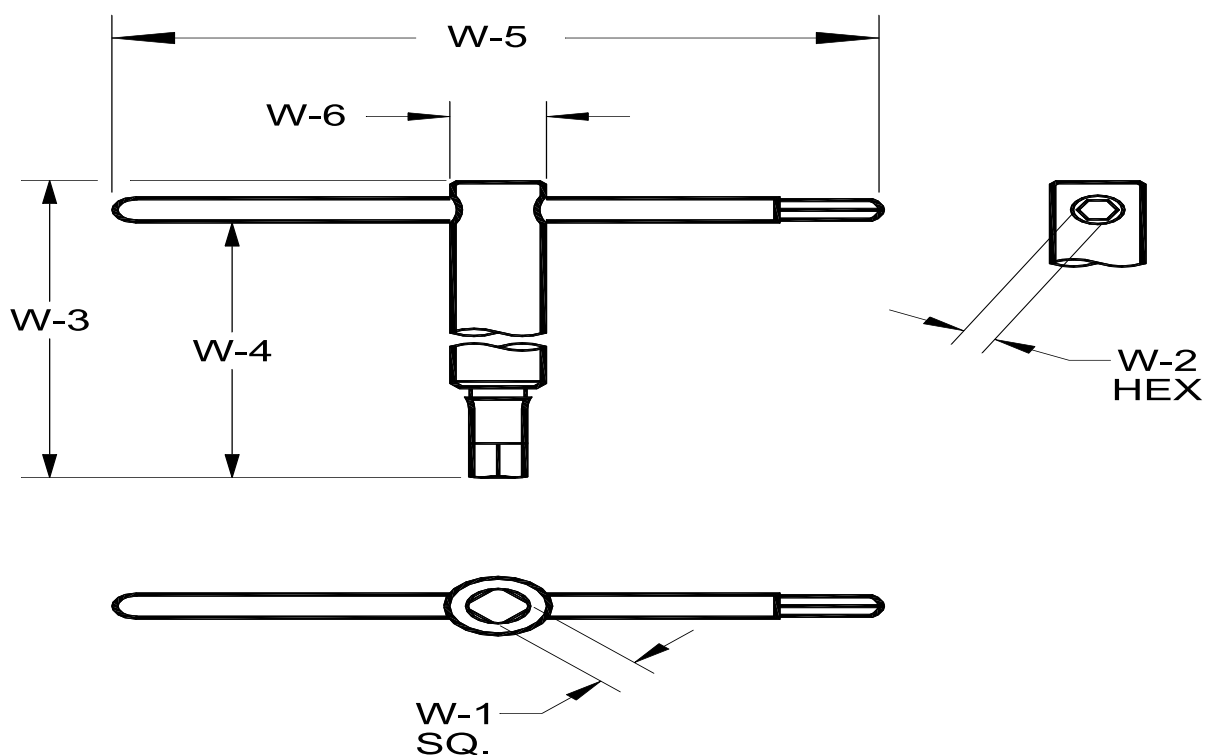
Step Jaw

Soft Jaw

REPLACEMENT PARTS FOR MICRO SET CHUCKS

Size	Model	Hard Top Jaw Set	Soft Top Jaw Set	Master Jaw Set	Chuck Scroll	Chuck Pinion	Micro Set Screw	Chuck Wrench	Inside Step Jaw	Outside Step Jaw	Soft Blank Jaws
4"	3434				40400-5	40500-6	430-5	40400-9	40400-13-3	40400-14-3	10292-351/6
5"	3533				40500-5	40500-6	530-5	40500-9	40500-13-3	40500-14-3	535-351/3
6"	3634				40600-5	40600-6	630-5	40600-9	40600-13-3	40600-14-3	10295-351/3
6"	2063R	40600-10-3	TGBT06	40600-7-3	40600-5	40600-6	630-5	40600-9			
8"	4833				40800-5	40800-6	830-5	40800-9	40800-13-3	40800-14-3	10302-351/3
8"	2083R	40800-10-3	TGS08	40800-7-3	40800-5	40800-6	830-5	40800-9			
10"	5103				41000-5	41000-6	1010-5	41000-9	41000-13-3	41000-14-3	10304-351/3
10"	2103R	41000-10-3	TGS10	41000-7-3	41000-5	41000-6	1010-5	41000-9			
12"	5123				41200-5	41200-6	1212-5	41200-9	41200-13-3	41200-14-3	11456-351/3
12"	2124R	41200-10-3	TGS12	41200-7-3	41200-5	41200-6	1212-5	41200-9			
15"	2153R	41500-10-3	TGS15	41500-7-3	41500-5	41500-6	1515-5	41500-9			
18"	2183R	41800-10-3	TGS15	41800-7-3	41800-5	41800-6	44810-200	41800-9			
24"	2224R	42400-10-3	TGS15	42400-7-3	42400-5	42400-6	44816-175	42400-9			
4"	3465				40400-5	40400-6	430-5	40400-9	40400-13-6	40400-14-6	10292-351/6
5"	3565				40500-5	40500-6	530-5	40500-9	40500-13-6	40500-14-6	535-351/6
6"	3665				40600-5	40600-6	630-5	40600-9	40600-13-6	40600-14-6	10296-351/6
6"	2066R	40600-10-6	TGBT06	40600-7-6	40600-5	40600-6	630-5	40600-9			
8"	4865				40800-5	40800-6	830-5	40800-9	40800-13-6	40800-14-6	10302-351/6
8"	2086R	40800-10-6	TGS08	40800-7-6	40800-5	40800-6	830-5	40800-9			
10"	5106				41000-5	41000-6	1010-5	41000-9	41000-13-6	41000-14-6	10304-351/6
10"	2106R	41000-10-6	TGS10	41000-7-6	41000-5	41000-6	1010-5	41000-9			
12"	5127				41200-5	41200-6	1212-5	41200-9	41200-13-6	41200-14-6	11456-351/6
12"	2126R	41200-10-6	TGS12	41200-7-6	41200-5	41200-6	1212-5	41200-9			
15"	2156R	41500-10-6	TGS15	41500-7-6	41500-5	41500-6	1515-5	41500-9			
18"	2186R	41800-10-6	TGS15	41800-7-6	41800-5	41800-6	44810-200	41800-9			
24"	2246R	42400-10-6	TGS15	42400-7-6	42400-5	42400-6	44816-175	42400-9			

Wrenches may be ordered by Chuck size or Wrench number

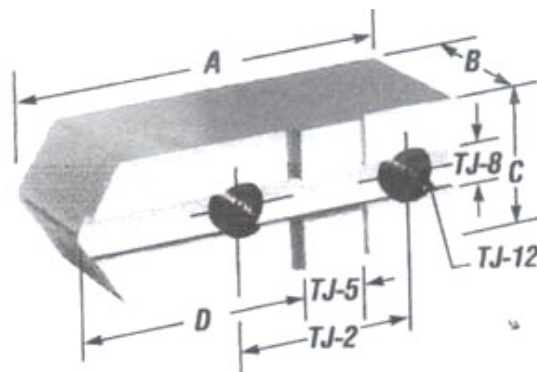
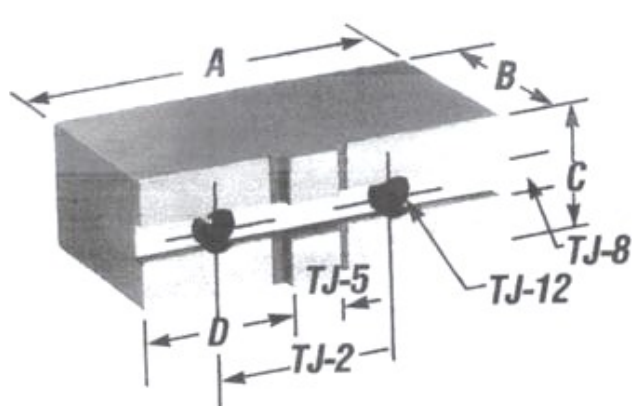


Model	Size	W-1	W-2	W-3	W-4	W-5	W-6
61353	4" & 5"	.249	.247	3.000	2.343	5.000	.625
61361	6"	.312	.247	4.000	3.343	6.000	.625
61389	8"	.498	.372	10.00	9.000	12.50	.937
61401	10"	.561	.372	8.750	7.750	12.50	.937
61405	12"	.623		11.00	9.812	14.00	1.125
61417	15-18 & 24"	.749		11.00	9.812	20.00	1.250



Kalamazoo Chuck Mfg & Service Center

Soft Blank Top Jaws



American Standard Tongue & Groove-Rectangular

Chuck Size	Part#	A	B	C	TJ-2	Critical Dimensions				WT.
						D	TJ-5	TJ-8	TJ-12*	
8"	TGS08	3.570	1.875	1.250	1.750	1.469	.499-.498	.315-.313	3/8	2
10"	TGS10	3.937	2.453	1.500	2.125	1.438	.749-.748	.503-.501	1/2	3
12"	TGS12	4.500	2.453	1.750	2.500	1.750	.749-.748	.503-.501	1/2	4.5
15"-36"	TGS15/36	5.187	3.281	2.500	3.000	2.375	.749-.748	.503-.501	3/4	12

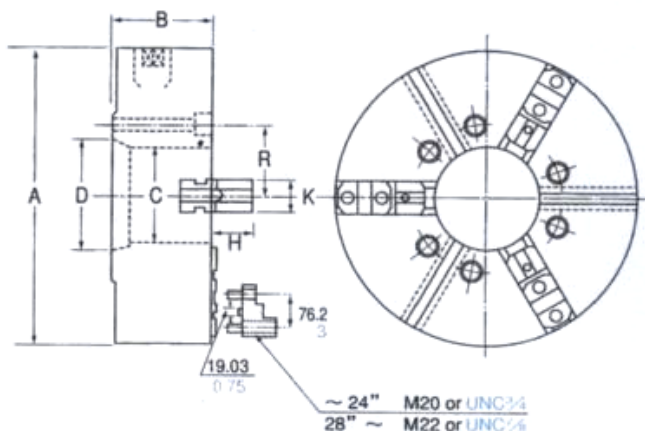
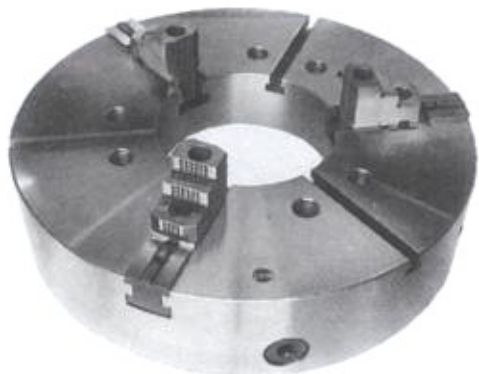
American Standard Tongue & Groove-Offset Jaws

Chuck Size	Part#	A	B	C	D	Critical Dimensions				WT.
						TJ-2	TJ-5	TJ-8	TJ-12*	
8"	TGSOF8	3.750	1.875	1.250	1.406	1.750	.499-.498	.315-.313	3/8	2.5
10"	TGSOF10	4.625	2.391	1.500	1.594	2.125	.749-.748	.503-.501	1/2	4
12"	TGSOF12	5.375	2.391	1.750	1.906	2.500	.749-.748	.503-.501	1/2	4.5
15"-36"	TGSOF15/36	6.250	3.266	2.500	2.422	3.000	.749-.748	.503-.501	3/4	8



Kalamazoo Chuck Mfg & Service Center

3-Jaw Self-Centering Chucks—Heavy Duty Type



With Master Jaws to American Standards.

- ◆ Sizes 24" to 36"
- ◆ For Direct mount to "A" Spindle
- ◆ 3- Pinion Operation
- ◆ Steel Body
- ◆ Inside Diameter Thru-Hole to Your Specifications
- ◆ American Standard Two-Piece Tongue & Groove Jaws

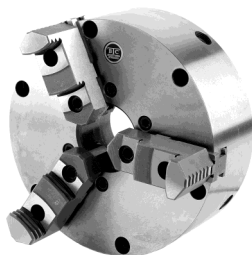
Chuck Size	Max R.P.M.	Soft Jaw
24"	800	TGS15/36
28"	700	TGS15/36
32"	550	TGS15/36
36"	500	TGS15/36

Chuck Size	Part Number	Spindle Size	B	C	D	H	K	R	Wt.
24"	3243R-A11	A2-11	6.580	6.75 (7.25)	7.750	3.620	2.950	4.625	715
24"	3243R-A15	A2-15	6.580	9.49 (10.2)	11.25	3.620	2.950	6.500	660
24"	3243R-A20	A1-20	6.580	10.47 (11.0)	16.25	3.620	2.950	7.250	615
28"	3283R-A11	A2-11	7.910	6.77 (7.25)	7.750	3.620	2.950	4.625	1025
28"	3283R-A15	A2-15	7.910	9.49 (10.2)	11.25	3.620	2.950	6.500	975
28"	3283R-A20	A1-20	7.910	12.52	16.25	3.620	2.950	7.250	902
32"	3323R-A11	A2-11	7.480	6.75 (7.25)	7.750	3.620	2.950	4.625	1420
32"	3323R-A15	A2-15	7.480	10.47 (10.8)	11.25	3.620	2.950	6.500	1320
32"	3323R-A20	A1-20	7.480	12.52 (14.5)	16.25	3.620	2.950	7.250	1285
36"	3363R-A15	A2-15	7.870	10.47 (10.8)	11.25	3.620	2.950	6.500	1875
36"	3363R-A20	A2-20	7.870	12.52 (14.5)	16.50	3.620	2.950	9.125	1785



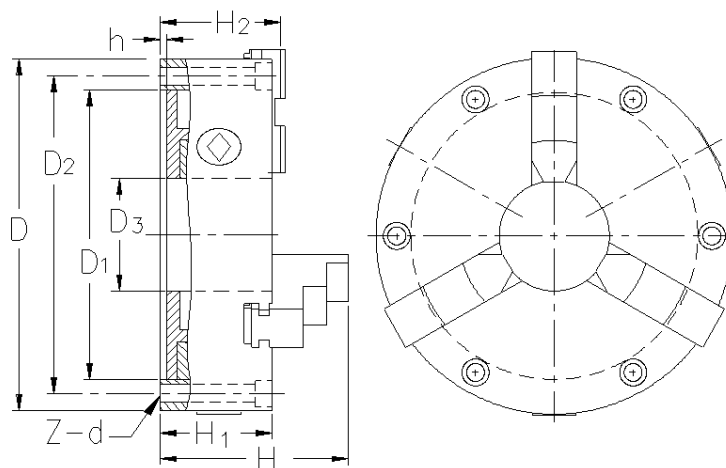
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3-Jaw Front Mounting Manual Chucks



3-Jaw Front Mount Flat Back Manual Chucks

Part Number	Size	D1	D2	D3	H	H1	H2	h	z-d	Max Speed	Net Wt.
7063R	6"	5.118	5.591	1.575	4.291	2.560	2.795	0.200	5/16-18	2500	21
7083R	8"	6.496	7.087	2.560	4.800	2.950	3.150	0.200	7/16-14	2000	31
7103R	10"	8.110	8.898	3.150	5.350	3.150	3.385	0.200	7/16-14	1600	50
7123R	12"	10.709	11.654	3.937	6.675	3.780	4.150	0.472	5/8-11	1200	90
7153R	15"	12.795	13.780	5.315	6.750	3.860	4.230	0.235	5/8-11	1000	136
7203R	20"	17.323	18.307	8.269	7.953	4.530	4.960	0.235	5/8-11	800	320
7253R	25"	21.457	23.071	9.921	8.650	5.315	5.690	0.275	5/8-11	600	450



Features:

FlatBack Chuck
Master & Top Reversible Jaws
Soft jaws available

*A Type, D Type, or other Special type finished adapter plates are available upon request.



Kalamazoo Chuck Mfg & Service Center

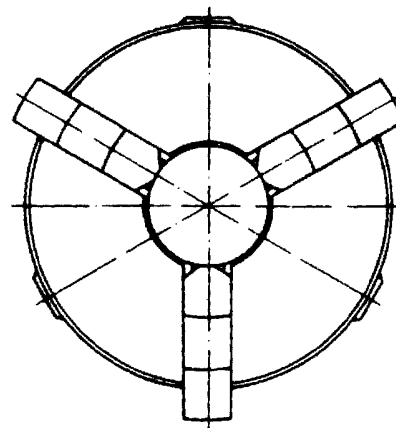
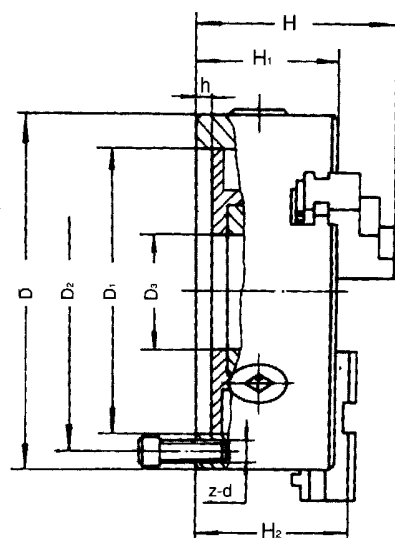
Three Jaw Self Centering Scroll Chucks Top reversible jaws-Flatback



American Standard Two-Piece Tongue & Groove jaws. Semi-Steel body. Scroll and jaws hardened and ground. Top Reversible jaws.

0.003" TIR repeatability and meet ASA Specifications on duplicate parts for

Size	Model	Weight	D	D1	D2	D3	H	H1	H2	h	Z-d
5"	5053R	14	5.118	3.937	4.528	1.181	3.828	2.362	2.445	0.138	3-M8
6"	5063R	21	6.299	5.118	5.591	1.575	4.291	2.559	2.795	0.197	3-M8
8"	5083R	39	7.874	6.496	7.087	2.559	4.803	2.953	3.150	0.197	3-M10
10"	5103R	56	9.843	8.110	8.898	3.150	5.354	3.150	3.385	0.197	3-M12
12"	5123R	99	12.795	10.709	11.654	3.937	6.673	3.780	4.154	0.472	3-M16
15"	5153R	188	15.750	12.992	14.250	5.354	6.773	4.135	4.385	0.196	3-M16
20"	5203R	320	19.685	17.323	18.307	8.268	7.953	4.528	4.961	0.236	6-M16
25"	5253R	510	24.803	22.047	23.425	10.630	8.582	5.256	5.590	0.276	6-M16



SUPPLIED WITH:

Master Jaws and Top Jaws

T-Wrench

Mounting Screws

OPTIONS:

Soft Top Jaws



Kalamazoo Chuck Mfg & Service Center

THREE JAW SELF CENTERING SCROLL CHUCK WITH TOP REVERSIBLE JAWS-
DIRECT MOUNT TYPE A



American Standard Two-Piece Tongue & Groove jaws. Semi-Steel body. Scroll and jaws hardened and ground.

Style A1 (Use Inner Tapped)

Size	Model	Spindle	WT.	D	D1	D2	D3	D4	D5	H1	h	h1	h2	d1	Z-d
8"	6083A5R	A1-5	47	7.87	3.250	2.437	1.575	5.236	4.125	3.307	0.563	0.472	0.256	0.642	3-M10
10"	6103A5R	A1-6	74	9.843	4.188	3.252	2.165	6.496	5.252	3.661	0.625	0.512	0.256	0.768	6-M12
12"	6123A6R	A1-6	142	12.795	4.188	3.252	2.165	6.496	5.252	4.173	0.625	0.512	0.256	0.768	6-M12
12"	6123A8R	A1-8	142	12.795	5.500	4.374	3.071	8.268	6.748	4.173	0.687	0.551	0.315	0.953	6-M16

Style A2 (Use Outer Tapped)

Size	Model	Spindle	WT.	D	D1	D3	D4	D5	H1	h	h1	h2	d1	Z-d
20"	6203A211R	A2-11	320	19.685	7.751	7.480	11.024	9.252	5.315	0.787	0.630	0.394	1.157	6-M18
25"	6253A211R	A2-11	530	24.803	7.751	7.874	11.024	9.252	5.112	0.087	0.630	0.394	1.157	6-M18
25"	6253A215R	A2-15	530	24.803	11.251	10.236	14.961	13.000	6.063	0.827	0.669	0.394	1.406	6-M22

SUPPLIED WITH:

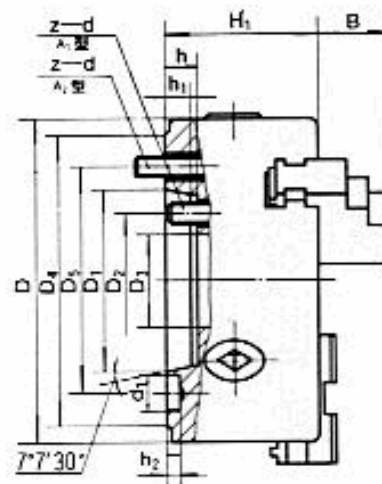
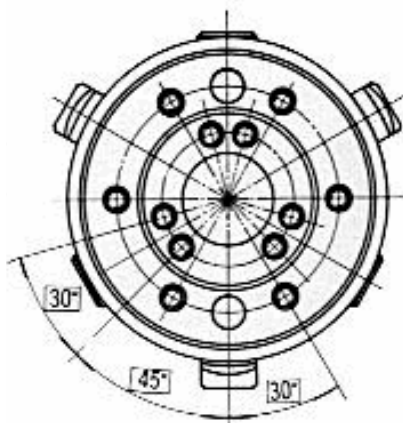
Master Jaws and Top Jaws

T-Wrench

Mounting Screws

OPTIONS:

Soft Top Jaws





Kalamazoo Chuck Mfg & Service Center

THREE JAW SELF CENTERING SCROLL CHUCK WITH TOP REVERSIBLE JAWS-DIRECT MOUNT TYPE D



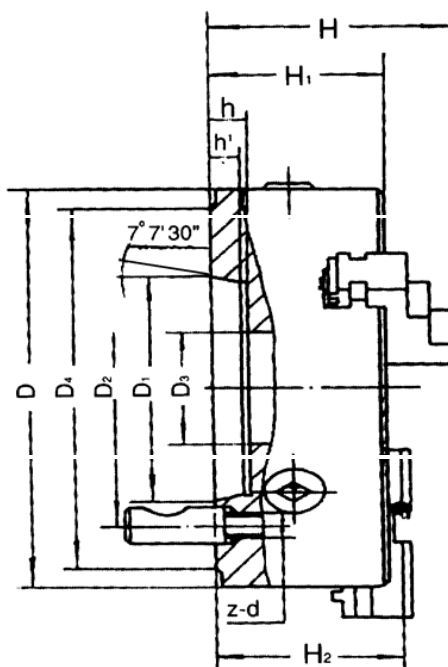
American Standard Two-Piece Tongue & Groove jaws. Semi-Steel body. Scroll and jaws hardened and ground. Top Reversible jaws.

SUPPLIED WITH:

Master Jaws and Top Jaws
T-Wrench
Mounting Screws

OPTIONS:

Soft Top Jaws



0.003" TIR repeatability and meet ASA Specifications on duplicate parts for chucks through 12"

Size	Model	Spindle	WT.	D	D1	D2	D3	D4	H	H1	H2	h	h1
6"	6063D3	D1-3	32	6.299	2.125	2.780	1.575	3.622	4.724	2.992	3.189	0.512	0.394
6"	6063D4	D1-4	32	6.299	2.500	3.252	1.575	4.606	4.488	2.756	2.756	0.512	0.394
8"	6083D4	D1-4	47	7.874	2.500	3.252	1.969	4.606	5.236	3.386	3.307	0.512	0.394
8"	6083D5	D1-5	47	7.874	3.250	4.126	1.969	5.748	5.748	5.236	3.386	3.307	.0591
8"	6083D6	D1-6	47	7.874	4.188	5.252	1.969	7.126	5.236	3.386	3.307	0.630	0.512
10"	6103D6	D1-6	74	9.843	4.188	5.252	2.756	7.126	5.984	3.858	4.055	0.630	0.512
10"	6103D8	D1-8	74	9.843	5.500	6.748	3.150	8.858	5.984	3.858	4.055	0.709	0.551
12"	6123D6	D1-6	142	12.795	4.188	5.252	3.937	7.126	6.654	4.173	4.173	0.630	0.512
12"	6123D8	D1-8	142	12.795	5.500	6.748	3.937	8.858	6.654	4.173	4.173	0.709	0.551
12"	6123D11	D1-11	142	12.795	7.751	9.252	3.937	11.732	6.65	4.173	4.173	0.787	0.630
15"	6153D8	D1-8	155	14.961	5.500	6.748	5.118	8.858	7.540	4.646	5.020	0.709	0.551
15"	6153D11	D1-11	155	14.961	7.751	9.252	5.315	11.732	7.540	4.646	5.020	0.787	0.630
20"	6203D8	D1-8	320	19.685	5.500	6.748	7.480	8.858	8.740	5.315	5.748	0.709	0.551
20"	6203D11	D1-11	320	19.685	7.751	9.252	7.480	11.732	8.740	5.315	5.748	0.787	0.630
20"	6203D15	D1-15	320	19.685	11.251	13.000	8.268	15.866	8.740	5.315	5.748	0.827	0.669



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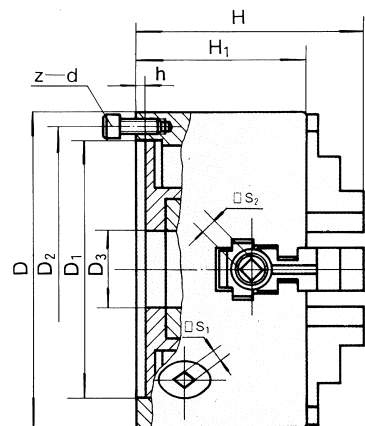
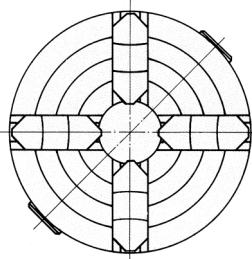
Four Jaw Combination Chucks-Flatback



These chucks have the features of the self-centering type as well as independent type. This enables the jaws to achieve a self-centering clamping and, be adjusted separately. These chucks are characterized by high accuracy for gripping repeatability. This can be helpful in mass production of difficult shaped work pieces.

SUPPLIED WITH:

One Piece solid reversible jaws
T-Wrench
Mounting Screws

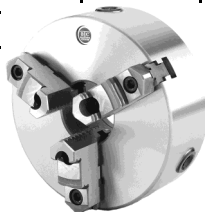


<i>Size</i> <i>e</i>	<i>Model</i>	<i>Wt</i>	<i>D</i>	<i>D1</i>	<i>D2</i>	<i>D3</i>	<i>H</i>	<i>H1</i>	<i>h</i>	<i>S1</i>	<i>S2</i>	<i>Z-d</i>
6"	F064	37	6.299	5.118	5.590	1.654	3.425	4.528	0.197	0.394	0.15	3-M8
8"	F084	45	7.874	6.496	7.087	2.559	3.819	5.000	0.197	0.472	0.394	3-M10
10"	F104	68	9.843	8.110	8.898	3.150	4.016	5.591	0.197	0.472	0.394	3-M12

Three-Jaw Self Centering High Precision Scroll Chucks

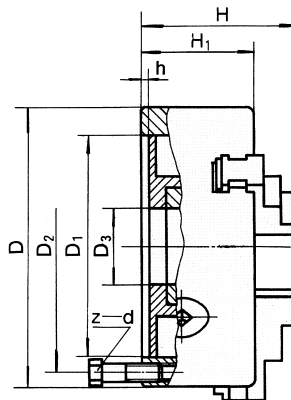
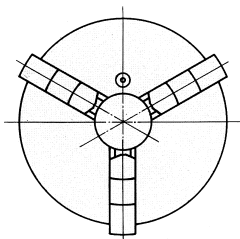
Solid Jaws or Top Reversible jaws- Flatback

These chuck provide a standard gripping accuracy of 0.0015". They meet the required international standards of grade 1 (Precision grade) chuck.



SUPPLIED WITH:

2 Sets of solid hard jaws
(1 internal and 1 external)
T-Wrench
Mounting Screws
Mounting Screws



<i>Size</i> <i>e</i>	<i>Model</i>	<i>Wt</i>	<i>D</i>	<i>D1</i>	<i>D2</i>	<i>D3</i>	<i>H</i>	<i>H1</i>	<i>h</i>	<i>Z-d</i>
5"	9053	14	5.197	3.937	4.528	1.260	3.150	2.362	0.197	3-M8
6 1/2"	9063	23	6.575	5.118	5.787	1.772	.622	2.618	0.177	3-M10
7 1/2"	9083	34	7.559	6.102	6.772	2.283	4.173	2.992	0.197	3-M10
7 1/2"	9083R	36	7.559	6.102	6.772	2.283	4.764	2.992	0.197	3-M10
9"	9103	53	9.173	7.480	8.268	2.756	4.587	3.189	0.256	3-M12
9"	9103R	56	9.173	7.480	8.268	2.756	5.236	3.189	0.256	3-M12

Need

help with



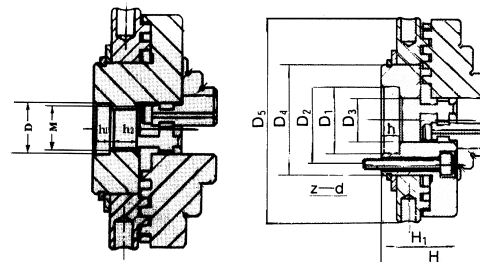
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Scroll Chucks & 5C Precision Chucks



Three Jaw Manually Operated Scroll Chucks Flatback-Solid Jaws

These chuck are operated manually or with a lever.



Size	Model	Wt	D	D1	D2	D3	D4	D5	H	H1	h	h1	h2	Z-d	M
2.5"	0023	2.5	0.555	0.866	1.102	0.551	1.417	2.677	1.339	0.984	0.236	0.197	0.315	3-M4	M14x1
3"	0033	3.5	0.634	0.984	1.378	0.630	1.772	3.307	1.654	1.181	0.236	0.197	0.374	3-M5	M16x1
4"	0043	4.5	0.949	1.260	1.654	0.866	2.047	4.094	2.047	1.437	0.236	0.197	0.532	3-M6	M24x1.5

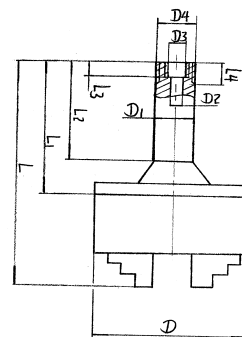


5C PRECISION CHUCKS

5C Precision chucks eliminate the problem of having to tear down a collet set up. You can

SUPPLIED WITH:

5C Chuck
2 Sets of Hard Jaws (1
internal and 1 external)
T-Wrench



3 Jaw Self-Centering 5C Precision Chucks

Size	Model	Wt.	D	D1	D2	D3	D4	L	L1	L2	L3	L4
3"	5C033	7	3.150	1.250	0.7650	1.042-24	1.238-20	6.618	4.020	2.725	0.480	0.650
4"	5C043	11	3.937	1.250	0.7650	1.042-24	1.238-20	6.953	4.020	2.725	0.480	0.650

4 Jaw Independent 5C Precision Chucks

Size	Model	Wt.	D	D1	D2	D3	D4	L	L1	L2	L3	L4
3"	5C034	6	3.150	1.250	0.765	1.042-24	1.238-20	6.220	4.020	2.725	0.480	0.650
4"	5C044	12	3.937	1.250	0.750	1.042-24	1.238-20	6.929	4.020	2.725	0.480	0.650



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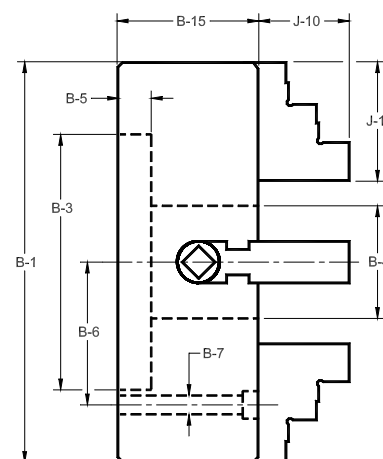
Independent Chucks with Top-Reversible jaws



These Steel body chucks have jaws that are operated individually to allow solid gripping of oddly shaped and square work pieces.

Supplied with:

Chuck
Top Reversible Jaws
T-Wrench
Mounting Screws



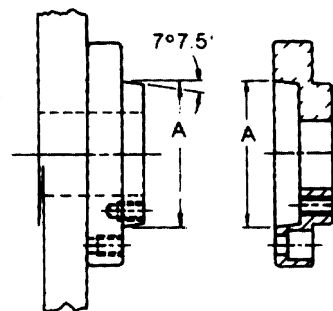
Flatback Chuck (Mounting required)

Size	Model	Weight	B-3	B-4	B-5	B-6	B-7	B-15	J-1	J-10
12"	6412R	105	7.844	3.500	.500	3.375	.656	3.750	4.250	1.750
15"	6415R	195	11.718	4.281	.500	4.625	.656	4.500	5.375	2.000
18"	6418R	297	11.718	5.031	.500	4.625	.656	4.500	5.375	2.000
21"	6421R	419	15.999	7.031	.500	6.500	.906	4.500	5.500	3.500
24"	6424R	430	15.999	8.031	.500	6.500	.906	4.500	5.500	3.500

Mounting plates for chucks shown above

AMERICAN STANDARD FLANGE NOSE-TYPE A

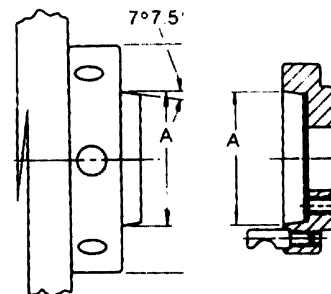
Spindle Nose	A"		Chuck Size			
	Dia.	12"	15"	18"	21"	24"
A-6	4.190	A-330				
A-8	5.500	A-331	A-373	A-373		
A-11	7.750		A-374	A-374	A-387	A-387



CAMLOCK-TYPE D

Camlock stud length is adjustable to suit spindle

Spindle Nose	A"		Chuck Size			
	Dia.	12"	15"	18"	21"	24"
D-6	4.190	C-243	C-268	C-268		
D-8	5.500	C-244	C-269	C-269		
D-11	7.750		C-271	C-270	C-277	C-277

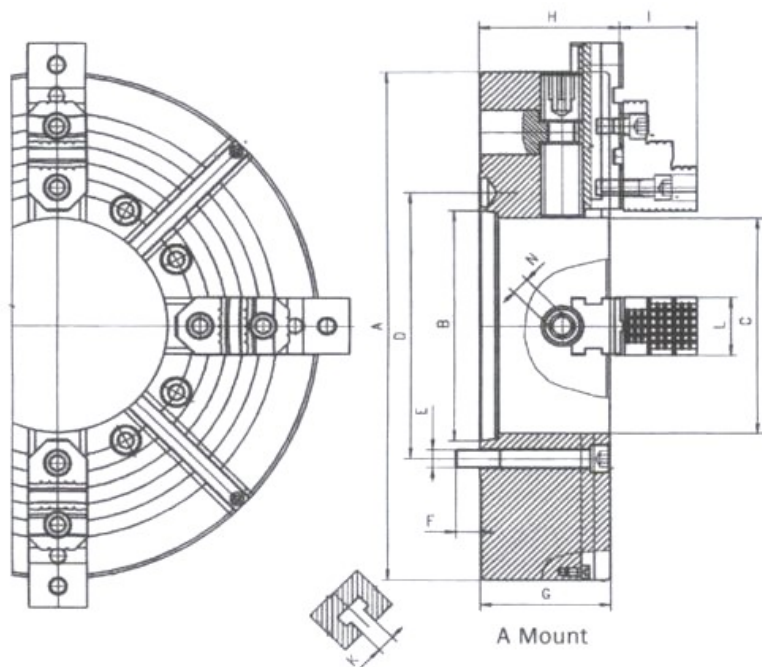




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Oil Country Chucks – 4-Jaw with Large Thru hole

4-Jaw Independent, Heavy Duty, Solid Body with Extra Large Thru Hole



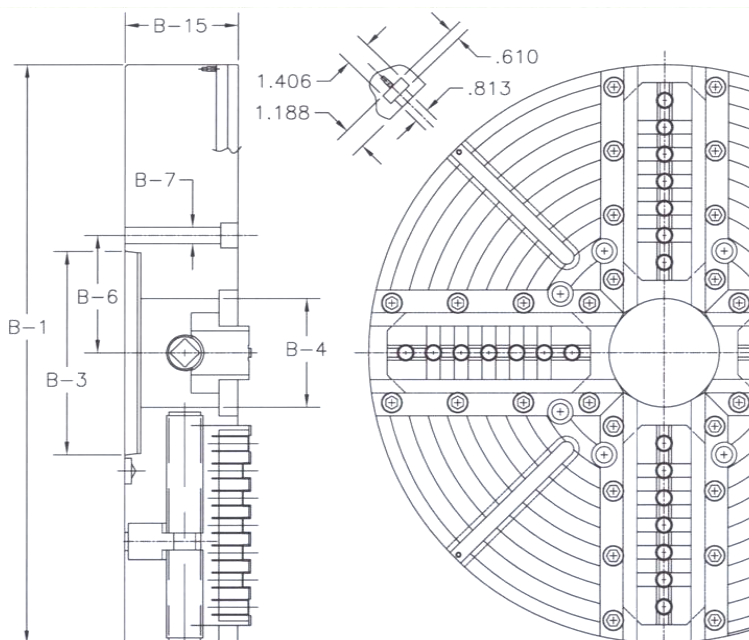
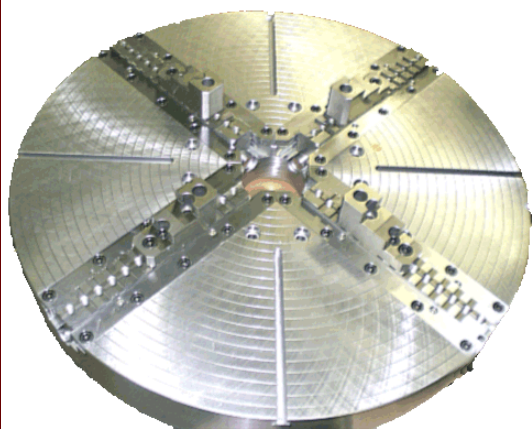
Chuck Size	Part Number	Spindle Size	Hole Dia Inches	B +.001	D	G	H	I	K	L	N	E	F	RPM Max	WT Lbs.
21"	8521A11	A2-11	6.750	7.751	9.250	5.710	6.067	2.981	.866	2.362	.748	3/4-10	1.118	1000	450
21"	8521A15	A2-15	10.125	11.251	13.000	5.710	6.067	2.981	.866	2.362	.748	7/8-9	1.340	1000	414
24"	8525A15	A2-15	10.125	11.251	13.000	6.100	6.579	3.571	.866	2.953	.866	7/8-9	1.340	850	684
24"	8525A20	A2-20	15.000	16.251	18.252	6.100	6.579	3.571	.866	2.953	.866	1-8	1.500	850	662
28"	8528A15	A2-15	10.125	11.251	13.000	6.100	6.579	3.571	.866	2.953	.866	7/8-9	1.340	750	915
28"	8528A20	A2-20	15.000	16.251	18.252	6.100	6.579	3.571	.866	2.953	.866	1-8	1.500	750	873
32"	8532A15	A2-15	10.125	11.251	13.000	6.500	6.972	3.571	.866	2.953	.866	7/8-9	1.340	600	1290
32"	8532A20	A2-20	15.000	16.251	18.252	6.500	6.972	3.571	.866	2.953	.866	1-8	1.500	600	1246



Kalamazoo Chuck Mfg & Service Center

4-Jaw Extra Heavy Duty Independent Chucks

◆ Steel Bodies ◆ Sizes 24" through 42" ◆ American Standard Two-Piece Jaws



Chuck Size	Spindle Size	Part Number	B-1	B-3	B-4	B-6	B-7	B-15	WT.
24	A-15	4524RA-15	24	11.250	10.500	6.500	7/8-9	6.250	600
24	A-20	4524RA-20	24	16.250	12.500	9.130	1"-8	6.250	600
24	FB	4524FB		10.625	6.299	10.629			
28	A-15	4528RA-15	28	11.250	10.500	6.500	7/8-9	6.750	925
28	A-20	4528RA-20	28	16.250	12.750	9.130	1"-8	6.750	975
28	FB	4528FB		14.500	7.870	10.629			
32	A-15	4532RA-15	32	11.250	10.500	6.500	7/8-9	6.750	1460
32	A-20	4532RA-20	32	16.250	12.750	9.130	1"-8	6.750	1325
32	FB	4532FB		14.500	7.840	14.566			
36	A-15	4536RA-15	36	11.250	10.500	6.500	7/8-9	6.750	1650
36	A-20	4536RA-20	36	16.250	12.750	9.130	1"-8	6.750	1735
36	FB	4536FB		14.500	8.000	14.566			
42	A-15	4542RA-15	42	11.250		6.500	7/8-9		2510
42	A-20	4542RA-20	42	16.250	12.750	9.130	1"-8	6.750	2430
42	FB	4542FB		14.500	8.000	14.566			



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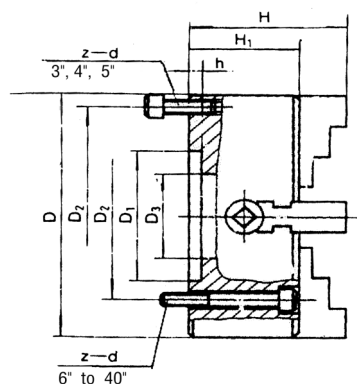
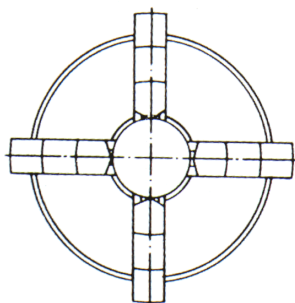
Four Jaw Independent Chucks-Flatback

FOUR JAW INDPENDENT CHUCK SOLID JAWS OR TOP REVERSIBLE JAWS FLATBACK

These chucks have jaws that are operated individually to allow solid gripping of oddly shaped and square work pieces.

Supplied with:

One piece solid reversible jaw
T-Wrench
Mounting Screws
Body is made of semi-steel



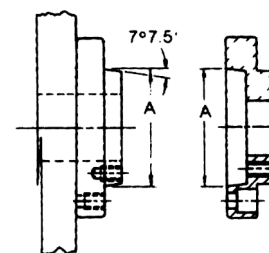
“R”= Top Reversible Jaws

Si	Model	Weight	D	D1	D2	D3	H	H1	h	Z-d
4"	4044	8	3.937	2.835	3.307	0.984	2.913	2.126	0.137	4-M8
6"	4064	22	6.299	2.559	3.740	1.772	3.661	2.559	0.197	4-M10
6"	4064R	22	6.299	2.559	3.740	1.772	3.661	2.559	0.197	4-M10
8"	4084	35	7.874	3.150	4.409	2.205	4.123	2.953	0.236	4-M10
8"	4084R	35	7.874	3.150	4.409	2.205	4.123	2.953	0.236	4-M10
10"	4104	51	9.843	4.331	5.118	2.953	4.724	3.150	0.236	4-M12
10"	4104R	51	9.843	4.331	5.118	2.953	4.724	3.150	0.236	4-M12
12"	4124	100	12.598	5.512	6.496	3.740	5.276	3.543	0.236	4-M12
12"	4124R	100	12.598	5.512	6.496	3.740	5.276	3.543	0.236	4-M16
16"	4164	139	15.748	6.299	7.283	4.921	5.630	3.740	0.315	4-M16
16"	4164R	139	15.748	6.299	7.283	4.921	5.631	3.740	0.315	4-M16
20"	4204R	227	19.685	7.874	9.291	6.300	6.339	4.173	0.315	4-M20
25"	4254R	350	24.803	8.661	10.157	7.087	7.087	4.646	0.394	4-M20
32"	4324R	570	31.496	9.843	11.811	8.268	7.953	5.197	0.472	8-M20
40"	4404R	930	39.370	12.598	14.567	10.236	9.055	5.906	0.591	8-M20

AMERICAN STANDARD FLANGE NOSE-TYPE A

Mounting plates for chucks shown above

Spindle Nose	A"				Chuck Size			
	Dia.	6"	8 1/4"	10"	12"	16"	20"	25"
A-5	3.250	ICA-314						
A-6	4.190		ICA-328	ICA-341	ICA-330			
A-8	5.500			ICA-329	ICA-331	ICA-473	ICA-486	
A-11	7.750					ICA-474	ICA-487	ICA-493
A-15	11.250						ICA-488	ICA-494
A-20	16.250							ICA-495





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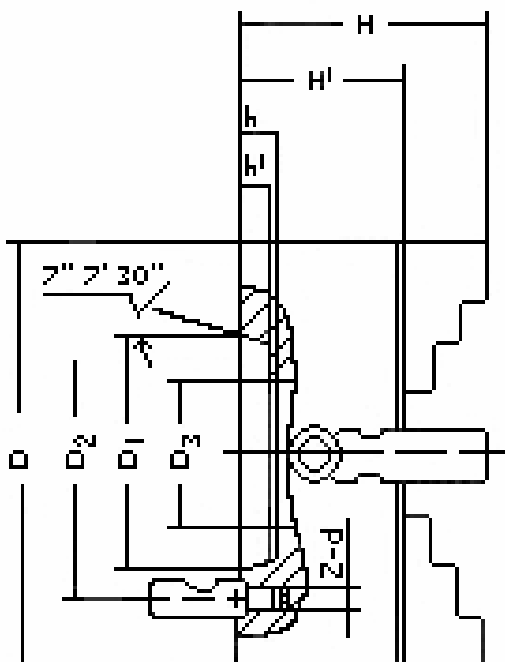
Four Jaw Independent Chucks-Direct Mount Type D

FOUR JAW INDPENDENT CHUCK SOLID JAWS OR TOP REVERSIBLE JAWS DIRECT MOUNT TYPE "D"

These chucks have jaws that are operated individually to allow solid gripping of oddly shaped and square work pieces. Semi-Steel Body

Supplied with:

One-Piece Solid Reversible Jaws or Top Reversible Jaws
T-Wrench
Mounting Cam Studs
Body is made of steel



Size	Model	Spindle	Wgt	D	D1	D2	D 3	H	H1	h	h1	Z-d
6"	4064D3	D1-3	23	6.299	2.125	2.780	1.772	3.661	2.559	0.512	0.394	3-M10x1
8"	4084D4	D1-4	35	7.874	2.125	2.780	2.008	4.213	2.953	-	0.394	3-M10x1
8"	4084D4	D1-4	35	7.874	2.500	3.252	2.205	4.213	2.953	0.512	0.394	3-M10x1
8"	4084D5	D1-5	36	7.874	3.250	4.126	2.205	4.213	2.953	0.591	0.472	6-M12x1
8"	4084D6	D1-6	37	7.874	4.188	5.252	2.205	4.213	2.953	0.630	0.512	6-M16x1.5
10"	4104D5	D1-5	51	9.843	3.250	4.126	2.953	4.724	3.150	0.591	0.472	6-M16x1.5
10"	4104D6	D1-6	51	9.843	4.188	5.252	2.953	4.724	3.150	0.630	0.512	6-M20x1.5
12"	4124D6	D1-6	100	12.598	4.188	5.252	3.740	5.276	3.543	0.630	0.512	6-M16x1.5
12"	4124D8	D1-8	100	12.598	5.500	6.748	3.740	5.276	3.543	0.709	0.551	6-M20x1.5
16"	4164D6	D1-6	139	15.748	4.188	5.252	3.740	5.630	3.740	0.630	0.512	6-M16x1.5
16"	4164D8	D1-8	139	15.748	5.500	6.748	4.921	5.630	3.740	0.709	0.551	6-M20x1.5
16"	4164D11	D1-11	139	15.748	7.751	9.252	4.921	5.630	3.740	0.787	0.630	6-M22x1.5

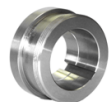
"R"= Top Reversible Jaws



MADE IN USA

Kalamazoo Chuck Mfg & Service Center

Blank Mounting Plates



**L-Type
Long Taper**

Chuck Dia-Inch	Spindle Type	PLATE Thickness	ORDER No.
6.25	L-00	1.25	KC-L00-06
6.25	L-0	1.50	KC-0L0-06
8.25	L-00	1.25	KC-L00-08
8.25	L-0	1.50	KC-0L0-08
8.25	L-1	1.75	KC-0L1-08
10.5	L-00	1.25	KC-L00-10
10.5	L-0	1.50	KC-0L0-10
10.5	L-1	1.75	KC-0L1-10
10.5	L-2	2.00	KC-0L2-10
12.5	L-0	1.50	KC-0L0-12
12.5	L-1	1.75	KC-0L1-12
12.5	L-2	2.00	KC-0L2-12
12.5	L-3	2.25	KC-0L3-12
15.75	L-1	1.75	KC-0L1-15
15.75	L-2	2.00	KC-0L2-15
15.75	L-3	2.25	KC-0L3-15
20	L-2	2.00	KC-0L2-20
20	L-3	2.25	KC-0L3-20
25	L-2	2.00	KC-0L2-25
25	L-3	2.25	KC-0L3-25



**D-Type
Camlock**

Chuck Dia-inch	Spindle Type	Plate Thickness	ORDER No
6.25	D-3	1.250	KC-0D3-06
6.25	D-4	1.250	KC-0D4-06
6.25	D-5	1.250	KC-0D5-06
8.25	D-3	1.125	KC-0D3-08
8.25	D-4	1.125	KC-0D4-08
8.25	D-5	1.125	KC-0D5-08
8.25	D-6	1.250	KC-0D6-08
10.50	D-4	1.125	KC-0D4-10
10.50	D-5	1.125	KC-0D5-10
10.50	D-6	1.250	KC-0D6-10
10.50	D-8	1.375	KC-0D8-10
12.50	D-5	1.250	KC-0D5-12
12.50	D-6	1.250	KC-0D6-12
12.50	D-8	1.375	KC-0D8-12
12.50	D-11	1.625	KC-0D11-12
15.75	D-6	1.375	KC-0D6-15
15.75	D-8	1.500	KC-0D8-15
15.75	D-11	1.625	KC-D11-15
15.75	D15	1.625	KC-D15-15
20	D-8	1.875	KC-0D8-20
20	D-11	1.875	KC-D11-20
20	D-15	1.875	KC-D15-20
25	D8	2.125	KC-0D8-25
25	D11	2.125	KC-D11-25
25	D15	2.125	KC-D15-25



A-Type

Chuck Dia-inch	Spindle Type	Plate Thickness	ORDER NO
6.25	A-4	1.250	KC-0A4-06
6.25	A-5	1.370	KC0A5-06
8.25	A-5	1.370	KC-0A5-08
8.25	A-6	1.500	KC-0A6-06
10.5	A-5	1.375	KC-0A5-10
10.5	A-6	1.500	KC-0A6-10
10.5	A-8	1.750	KC-0A8-10
12.5	A-6	1.500	KC0A6-12
12.5	A-8	1.750	KC-0A8-12
12.5	A-11	1.875	KC-A11-12
15.75	A-6	1.625	KC-0A6-15
15.75	A-8	1.875	KC-0A8-15
15.75	A-11	2.125	KC-A11-15
15.75	A-15	2.125	KC-A15-15
18	A-8	1.875	KC-0A8-18
18	A-11	2.125	KC-A11-18
18	A-15	2.375	KC-A15-18
20.5	A-8	2.125	KC-0A8-20
20.5	A-11	2.375	KC-A11-20
20.5	A-15	2.375	KC-A15-20
20.5	A-20	2.375	KC-A20-20
25	A-8	2.125	KC-0A8-25
25	A-11	2.375	KC-A11-25
25	A-15	2.625	KC-A15-25
25	A-20	2.625	KC-A20-25



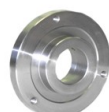
**Threaded
Adapters**

Thread	A-INCH	B INCH	C- INCH	D INCH	Order No
1"-10	4	5/8	3/4	2 5/8	KC-TH10-4
1 1/2 - 8	4	5/8	3/4	2 5/8	KC-TH08-4
1"-10	5	5/8	3/4	2 5/8	KC-TH10-5
1-1/2 - 8	5	5/8	3/4	2 5/8	KC-TH08-5
1 1/2 - 8	6.25	11/16	21/32	3 5/32	KC-TH08-6
2 1/4 - 8	6.25	11/16	21/32	3 5/32	KC-TH28-6
1 1/2 - 8	8	25/32	63/64	3 5/8	KC-TH08-8
2 1/4 - 8	8	25/32	63/64	3 5/8	KC-TH28-8
2 3/8 - 6	8	25/32	63/64	3 5/8	KC-TH26-8
2 1/4 - 8	10	29/32	1 3/32	4 1/8	KC-TH28-10
2 3/8 - 6	10	29/32	1 3/32	4 1/8	KC-TH26-10
2 3/8 - 6	12	1 7/64	1 11/64	6 1/2	KC-TH-26-12



**DIN
Type Plate**

Chuck Dia-Inch	Spindle Type	PLATE Thickness	ORDER NO
8.25	DIN-5	1.125	KC-DIN5-8
8.25	DIN-6	1.250	KC-DIN6-8
10.5	DIN-6	1.250	KC-DIN6-10
10.5	DIN-8	1.375	KC-DIN8-10
12.5	DIN-6	1.250	KC-DIN6-12
12.5	DIN-8	1.375	KC-DIN8-12
12.5	DIN-11	1.625	KC-DIN11-12
15.75	DIN-8	1.500	KC-DIN-8-15
15.75	DIN-11	1.625	KC-DIN11-15



Dia	Spindle	Thickness	Order No
5	4* Taper	1.625	KC-4TA-5
6.25	4* Taper	1.625	KC-4TA-6
5	2 3/16 x 10	1.625	KC -2TH-5
6.5	2 3/16 x 10	1.625	KC-2TH-6

**Hardinge
Type Plate**

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and MORE!!*