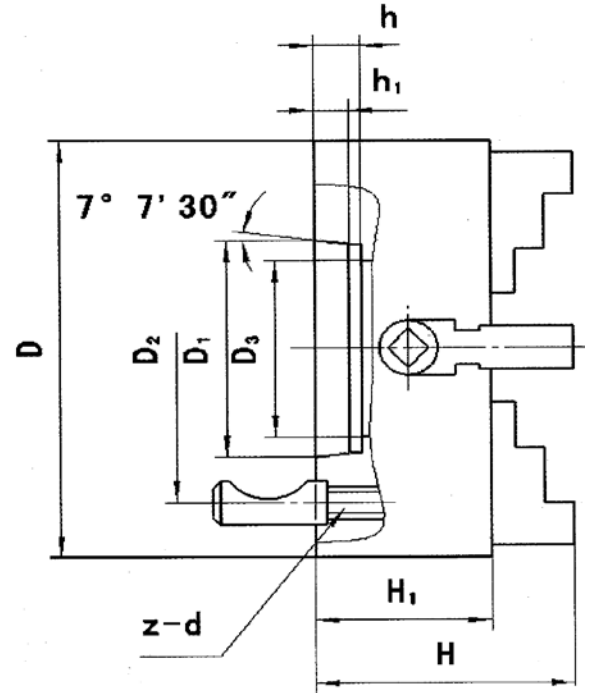


FOUR JAW INDEPENDENT CHUCKS - DIRECT MOUNT TYPE "D" SOLID JAWS OR TOP REVERSIBLE JAWS

These chucks have jaws that are operated individually to allow solid gripping of oddly shaped work pieces.
Semi-steel body.

SUPPLIED WITH:

One piece solid reversible jaws
or top reversible jaws
T - Wrench
Mounting cam studs
T - Slots in 12" and larger



PRINCIPAL SPECIFICATIONS

TOP REVERSIBLE JAWS AVAILABLE - ADD "R" TO MODEL NUMBER

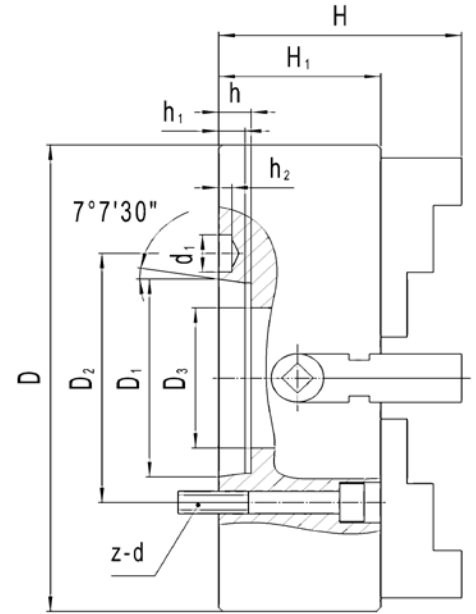
Size	MODEL	SPINDLE	WEIGHT	D	D1	D2	D3	H	H1	h	h1	Z-d
6"	4064D3	D1-3	23	6.299	2.125	2.780	1.772	3.661	2.559	0.512	0.394	3-M10X1
8"	4084D3	D1-3	35	7.874	2.125	2.780	1.772	3.661	2.559	0.512	0.394	3-M10X1
8"	4084D4	D1-4	35	7.874	2.500	3.252	2.205	4.213	2.953	0.512	0.394	3-M10X1
8"	4084D5	D1-5	36	7.874	3.250	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"	4104D4	D1-4	51	9.843	2.500	3.252	2.205	4.724	3.150	0.512	0.394	6-M12X1.5
10"	4104D5	D1-5	51	9.843	3.250	4.126	2.953	4.724	3.150	0.591	0.472	6-M12X1
10"	4104D6	D1-6	51	9.843	4.188	5.252	2.953	4.724	3.150	0.630	0.512	6-M16X1.5
10"	4104D8	D1-8	51	9.843	5.500	6.748	2.953	4.724	3.150	0.709	0.551	6-M20 x1.5
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
14"	4144D6	D1-6	125	13.780	4.188	5.252	3.740	5.276	3.543	0.630	0.512	6-M16X1.5
14"	4144D8	D1-8	125	13.780	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
20"	4204D8	D1-8	227	19.685	5.500	6.748	5.354	6.339	4.173	0.709	0.551	6-M20X1.5
20"	4204D11	D1-11	227	19.685	7.751	9.252	6.300	6.339	4.173	0.787	0.630	6-M22X1.5
25"	4254D8	D1-8	358	24.803	5.500	6.784	4.921	7.087	4.646	0.787	0.630	6-M20X1.5
25"	4254D11	D1-11	358	24.803	7.751	9.252	7.087	7.087	4.646	0.787	0.630	6-M22X1.5
25"	4254D15	D1-15	358	24.803	11.251	13.000	7.087	7.087	4.646	0.827	0.669	6-M24X1.5

FOUR JAW INDEPENDENT CHUCKS DIRECT MOUNT TYPE "A" SOLID JAWS OR TOP REVERSIBLE JAWS

These chucks have jaws that are operated individually to allow solid gripping of oddly shaped work pieces.
Semi-steel body.

SUPPLIED WITH:

One piece solid reversible jaws
or top reversible jaws
T - Wrench
Mounting Screws
T - Slots in 12" and larger



PRINCIPAL SPECIFICATIONS

Size	MODEL	SPINDLE	WEIGHT	D	D1	D2	D3	H	H1	h	h1	h2	d1	Z-d
8"	4084A4	A2-4	35	7.874	2.500	3.252	2.205	4.212	2.953	0.512	0.394	0.256	0.579	4-M10
8"	4084A4R	A2-4	35	7.874	2.500	3.252	2.205	4.212	2.953	0.512	0.394	0.256	0.579	4-M10
8"	4084A5	A2-5	35	7.874	3.251	4.126	2.205	4.212	2.953	0.591	0.472	0.256	0.642	4-M10
8"	4084A5R	A2-5	35	7.874	3.251	4.126	2.205	4.212	2.953	0.591	0.472	0.256	0.642	4-M10
10"	4104A5	A2-5	51	9.843	3.251	4.126	2.953	4.724	3.150	0.591	0.472	0.256	0.642	4-M10
10"	4104A5R	A2-5	51	9.843	3.251	4.126	2.953	4.724	3.150	0.591	0.472	0.256	0.642	4-M10
10"	4104A6	A2-6	51	9.843	4.188	5.252	2.953	4.724	3.150	0.630	0.512	0.256	0.768	4-M12
10"	4104A6R	A2-6	51	9.843	4.188	5.252	2.953	4.724	3.150	0.630	0.512	0.256	0.768	4-M12
12"	4124A6	A2-6	100	12.598	4.188	5.252	3.740	5.276	3.543	0.630	0.512	0.256	0.768	4-M12
12"	4124A6R	A2-6	100	12.598	4.188	5.252	3.740	5.276	3.543	0.630	0.512	0.256	0.768	4-M12
12"	4124A8	A2-8	100	12.598	5.500	6.748	3.740	5.276	3.543	0.709	0.551	0.315	0.953	4-M16
12"	4124A8R	A2-8	100	12.598	5.500	6.748	3.740	5.276	3.543	0.709	0.551	0.315	0.953	4-M16
16"	4164A5	A2-5	139	15.748	3.251	4.126	3.110	5.630	3.740	0.059	0.472	0.256	0.642	4-M10
16"	4164A5R	A2-5	139	15.748	3.251	4.126	3.110	5.630	3.740	0.059	0.472	0.256	0.642	4-M10
16"	4164A6	A2-6	139	15.748	4.188	5.252	3.740	5.630	3.740	0.630	0.512	0.256	0.768	4-M12
16"	4164A6R	A2-6	139	15.748	4.188	5.252	3.740	5.630	3.740	0.630	0.512	0.256	0.768	4-M12
16"	4164A8	A2-8	139	15.748	5.500	6.748	4.921	5.630	3.740	0.709	0.551	0.315	0.953	4-M16
16"	4164A8R	A2-8	139	15.748	5.500	6.748	4.921	5.630	3.740	0.709	0.551	0.315	0.953	4-M16
20"	4204A8	A2-8	265	19.685	5.500	6.748	5.354	6.339	4.173	0.709	0.551	0.315	0.953	4-M16
20"	4204A8R	A2-8	265	19.685	5.500	6.748	5.354	6.339	4.173	0.709	0.551	0.315	0.953	4-M16
20"	4204A11	A2-11	245	19.685	7.751	9.252	6.299	6.338	4.173	0.787	0.630	0.394	1.157	4-M20
20"	4204A11R	A2-11	245	19.685	7.751	9.252	6.299	7.598	4.173	0.787	0.630	0.394	1.157	4-M20
25"	4254A11	A2-11	353	24.803	7.751	9.252	7.500	7.087	4.645	0.787	0.630	0.394	1.157	4-M20
25"	4254A11R	A2-11	353	24.803	7.751	9.252	7.500	8.011	4.645	0.787	0.630	0.394	1.157	4-M20
25"	4254A15	A2-15	340	24.803	11.251	13.000	7.1/10.5	7.087	4.645	0.827	0.669	0.394	1.406	8-M24
25"	4254A15R	A2-15	340	24.803	11.251	13.000	7.1/10.5	8.011	4.645	0.827	0.699	0.394	1.406	8-M24
25"	4254A20	A2-20	325	24.803	16.251	18.252	7.1/12.5	7.087	4.645	0.906	0.748	0.394	1.657	8-M24
25"	4254A20R	A2-20	325	24.803	16.251	18.252	7.1/12.5	8.011	4.645	0.906	0.748	0.394	1.657	8-M24
32"	4324A11R	A2-11	587	31.500	7.751	9.252	7.500	9.100	5.197	0.787	0.630	0.394	1.157	8-M20
32"	4324A15R	A2-15	567	31.500	11.251	13.000	9.0/11.0	9.100	5.197	0.827	0.669	0.394	1.406	8-M24
32"	4324A20R	A2-20	550	31.500	16.251	18.252	14.600	9.100	5.197	0.906	0.748	0.394	1.657	8-M24
40"	4404A11R	A2-11	950	39.370	7.751	9.252	7.500	10.236	5.906	0.787	0.630	0.394	1.157	8-M20
40"	4404A15R	A2-15	920	39.370	11.251	13.000	11.000	10.236	5.906	0.827	0.669	0.394	1.406	8-M24
40"	4404A20R	A2-20	890	39.370	16.251	18.252	14.600	10.236	5.906	0.906	0.748	0.394	1.657	8-M24

"R" DESIGNATES TOP REVERSIBLE JAWS

Other A mount chucks available in flatback style with mounting plate.

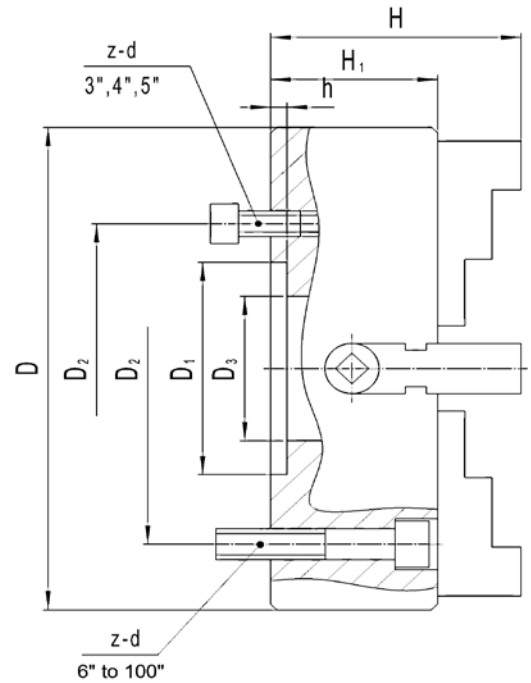
FOUR JAW INDEPENDENT CHUCKS - FLATBACK SOLID JAWS OR TOP REVERSIBLE JAWS

These chucks have jaws that are operated individually to allow solid gripping of oddly shaped work pieces.
Semi-steel body.

SUPPLIED WITH:

One piece solid reversible jaws
or top reversible jaws
T - Wrench

T - Slots in 12" and larger



PRINCIPAL SPECIFICATIONS

Size	MODEL	WEIGHT	D	D1	D2	D3	H	H1	h	Z-d
3"	4034	5	3.150	2.165	2.598	0.866	2.205	1.654	0.138	4-M6
4"	4044	8	3.937	2.835	3.307	0.984	2.913	2.126	0.138	4-M8
5"	4054	14	4.921	3.740	4.252	1.181	3.071	2.205	0.177	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-M16
12"	4124R	100	12.598	5.512	6.496	3.740	5.276	3.543	0.236	4-M16
14"	4144	110	13.780	5.118	6.614	3.740	5.276	3.543	0.236	4-M16
14"	4144R	110	13.780	5.118	6.614	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
18"	4184	185	17.717	7.087	8.071	5.512	5.787	3.937	0.315	4-M16
18"	4184R	220	17.717	7.087	8.071	5.512	5.787	3.937	0.315	4-M16
20"	4204	227	19.685	7.874	9.291	6.300	6.339	4.173	0.315	4-M20
20"	4204R	265	19.685	7.874	9.291	6.300	7.598	4.173	0.315	4-M20
25"	4254	350	24.803	8.661	10.157	7.087	7.087	4.646	0.394	4-M20
25"	4254R	384	24.803	8.661	10.157	7.087	8.011	4.646	0.394	4-M20
32"	4324	570	31.496	9.843	11.811	8.268	7.953	5.197	0.472	8-M20
32"	4324R	570	31.496	9.843	11.811	8.268	7.953	5.197	0.472	8-M20
40"	4404	930	39.370	12.598	14.567	10.236	9.055	5.906	0.591	8-M20
40"	4404R	930	39.370	12.598	14.567	10.236	9.055	5.906	0.591	8-M20
49"	4494R	1450	49.213	15.748	19.685	12.008	10.079	6.496	0.591	8-M20
55"	4554R	2285	55.118	15.589	19.685	12.008	9.685	6.102	0.591	8-M20
63"	4634R	3656	62.992	16.535	20.472	12.598	10.472	6.890	0.709	8-M24
80"	4804R	7312	78.740	17.717	22.047	13.780	11.417	7.480	0.787	8-M30

3" - 4" - 5" Chucks are back mount chucks
"R" DESIGNATES TOP REVERSIBLE JAWS

FOUR JAW INDEPENDENT PARALLEL TEE SLOT FLATBACK OR DIRECT MOUNT TYPE "A"

For use on boring mills
and vertical lathes

SUPPLIED WITH:

Cast steel body

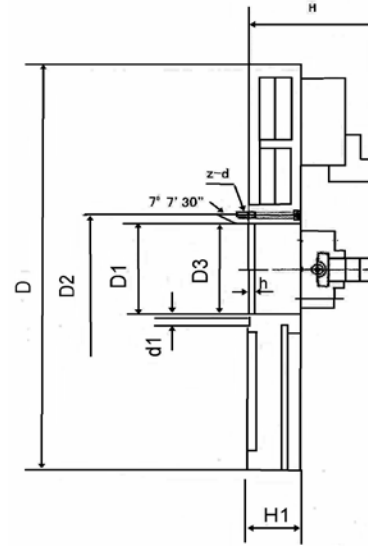
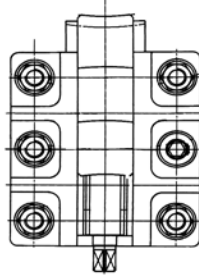
T-Wrench

Jaw wrench

Mounting bolts

Independent Jaws:

3 Position Positive Lock Jaws



PRINCIPAL SPECIFICATIONS

FLATBACK STYLE AVAILABLE IN ALL SIZES - PART NUMBER EXAMPLE 2-394FB

SIZE	MODEL	D	SPINDLE D1	D2	D3	H1	H	h	d1	Z-d
39"	2-394A211	39.370	A2-11	9.251	7.086	5.905	13.976	0.787	1.157	8-M20
39"	2-394A215	39.370	A2-15	13.000	11.023	5.905	13.976	0.827	1.405	8-M20
39"	2-394A220	39.370	A2-20	18.251	12.007	5.905	13.976	0.905	1.657	8-M24
49"	2-494A211	49.213	A2-11	9.251	7.086	5.905	13.976	0.787	1.157	8-M20
49"	2-494A215	49.213	A2-15	13.000	11.023	5.905	13.976	0.827	1.405	8-M20
49"	2-494A220	49.213	A2-20	18.251	12.007	5.905	13.976	0.905	1.657	8-M24
55"	2-554A215	55.118	A2-15	13.000	11.023	5.905	13.976	0.827	1.405	8-M20
55"	2-554A220	55.118	A2-20	18.251	12.007	5.905	13.976	0.905	1.657	8-M24
63"	2-634A215	69.992	A2-15	13.000	11.023	5.905	14.567	0.827	1.405	8-M20
63"	2-634A220	69.992	A2-20	18.251	12.007	6.890	14.567	0.905	1.657	8-M24
79"	2-794A215	78.740	A2-15	13.000	11.023	6.890	14.960	0.827	1.405	8-M20
79"	2-794A220	78.740	A2-20	18.251	12.007	6.890	14.960	0.905	1.657	8-M24

FOUR JAW INDEPENDENT CHUCKS - DIRECT MOUNT TYPE "D"

TOP REVERSIBLE JAWS

FORGED STEEL

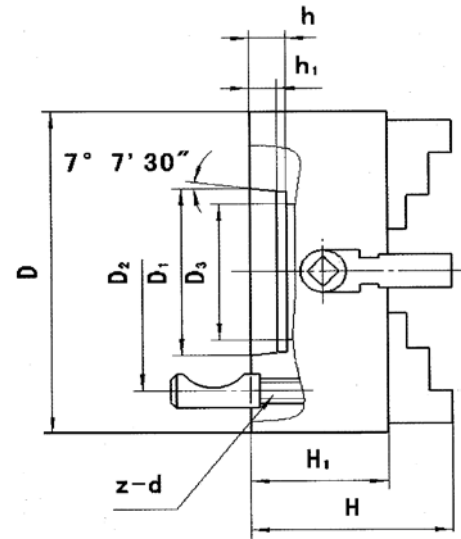
These chucks have jaws that are operated individually to allow solid gripping of oddly shaped work pieces.

SUPPLIED WITH:

Top reversible jaws
T - Wrench
Mounting cam studs
T - Slots in 12" and larger

Steel body chuck applications:

Higher RPM
Longer life
Tough environments



PRINCIPAL SPECIFICATIONS

Size	MODEL	SPINDLE	WEIGHT	D	D1	D2	D3	H	H1	h	h1	Z-d
6"	S4064D3R	D1-3	30	6.299	2.125	2.780	1.772	3.661	2.559	0.512	0.394	3-M10X1
8"	S4084D4R	D1-4	35	7.874	2.500	3.252	2.205	4.213	2.953	0.512	0.394	3-M10X1
8"	S4084D6R	D1-6	37	7.874	4.188	5.252	2.205	4.213	2.953	0.630	0.512	6-M16X1.5
10"	S4104D6R	D1-6	51	9.843	4.188	5.252	2.953	4.724	3.150	0.630	0.512	6-M16X1.0
10"	S4104D8R	D1-8	51	9.843	5.500	6.748	2.953	4.724	3.150	0.709	0.551	6-M20 x1.5
12"	S4124D6R	D1-6	100	12.598	4.188	5.252	3.740	5.276	3.543	0.630	0.512	6-M16X1.5
12"	S4124D8R	D1-8	100	12.598	5.500	6.748	3.740	5.276	3.543	0.709	0.551	6-M20X1.5
16"	S4164D6R	D1-5	139	15.748	3.250	4.126	3.110	5.630	3.740	0.591	0.472	6-M12X 1.0
16"	S4164D8R	D1-8	139	15.748	5.500	6.748	4.921	5.630	3.740	0.709	0.551	6-M20X1.5
16"	S4164D11R	D1-11	139	15.748	7.751	9.252	4.921	5.630	3.740	0.787	0.630	6-M22X1.5
20"	S4204D8R	D1-8	227	19.685	5.500	6.748	5.354	6.339	4.173	0.709	0.551	6-M20X1.5
20"	S4204D11R	D1-11	227	19.685	7.751	9.252	6.300	6.339	4.173	0.787	0.630	6-M22X1.5
25"	S4254D8R	D1-8	358	24.803	5.500	6.784	4.921	7.087	4.646	0.787	0.630	6-M20X1.5
25"	S4254D11R	D1-11	358	24.803	7.751	9.252	7.087	7.087	4.646	0.787	0.630	6-M22X1.5
25"	S4254D15R	D1-15	358	24.803	11.251	13.000	7.087	7.087	4.646	0.827	0.669	6-M24X1.5

FOUR JAW INDEPENDENT CHUCKS DIRECT MOUNT TYPE "A"

TOP REVERSIBLE JAWS

FORGED STEEL

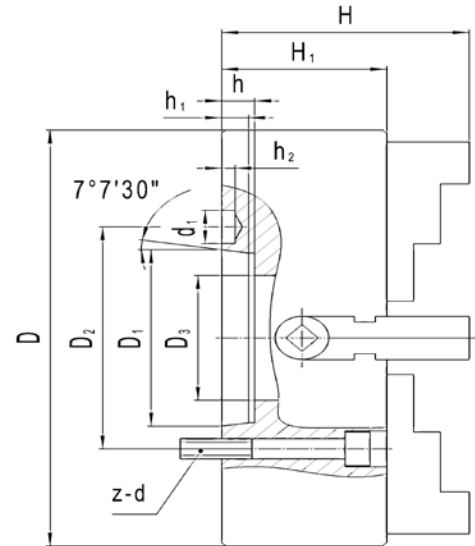
These chucks have jaws that are operated individually to allow solid gripping of oddly shaped work pieces.

SUPPLIED WITH:

Top reversible jaws
T - Wrench
Mounting Screws
T - Slots in 12" and larger

Steel body chuck applications:

Higher RPM
Longer life
Tough environments



PRINCIPAL SPECIFICATIONS

Size	MODEL	SPINDLE	WEIGHT	D	D1	D2	D3	H	H1	h	h1	h2	d1	Z-d
8"	S4084A5R	A2-5	35	7.874	2.500	3.252	2.205	4.212	2.953	0.512	0.394	0.256	0.579	4-M10
10"	S4104A6R	A2-6	51	9.843	4.188	5.252	2.953	4.724	3.150	0.630	0.512	0.256	0.768	4-M12
12"	S4124A6R	A2-6	100	12.598	4.188	5.252	3.740	5.276	3.543	0.630	0.512	0.256	0.768	4-M12
12"	S4124A8R	A2-8	100	12.598	5.500	6.748	3.740	5.276	3.543	0.709	0.551	0.315	0.953	4-M16
16"	S4164A6R	A2-6	139	15.748	4.188	5.252	3.740	5.630	3.740	0.630	0.512	0.256	0.768	4-M12
16"	S4164A8R	A2-8	139	15.748	5.500	6.748	4.921	5.630	3.740	0.709	0.551	0.315	0.953	4-M16
18"	S4184A11R	A2-11	211	17.717	7.751	9.252	5.512	5.987	3.937	0.787	0.630	0.394	1.157	4-M20
20"	S4204A8R	A2-8	265	19.685	5.500	6.748	5.354	6.339	4.173	0.709	0.551	0.315	0.953	4-M16
20"	S4204A11R	A2-11	265	19.685	7.751	9.252	6.299	7.598	4.173	0.787	0.630	0.394	1.157	4-M20

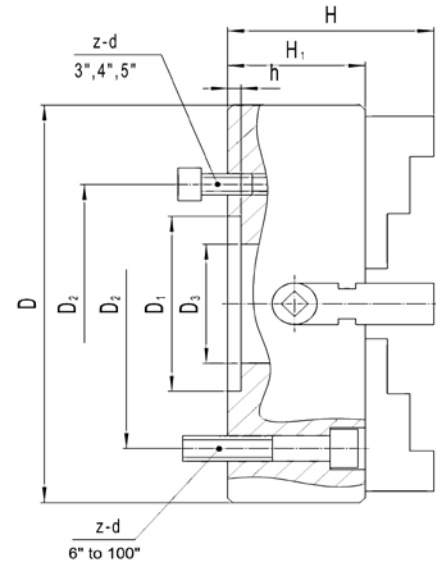
FOUR JAW INDEPENDENT CHUCKS - FLATBACK TOP REVERSIBLE JAWS FORGED STEEL

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

SUPPLIED WITH:

Top reversible jaws
T - Wrench
Mounting cam studs
T - Slots in 12" and larger

Steel body chuck applications:
Higher RPM
Longer life
Tough environments



PRINCIPAL SPECIFICATIONS

Size	MODEL	WEIGHT	D	D1	D2	D3	H	H1	h	Z-d
6"	S4064R	22	6.299	2.559	3.740	1.772	3.661	2.559	0.197	4-M10
8"	S4084R	35	7.874	3.150	4.409	2.205	4.123	2.953	0.236	4-M10
10"	S4104R	51	9.843	4.331	5.118	2.953	4.724	3.150	0.236	4-M12
12"	S4124R	100	12.598	5.512	6.496	3.740	5.276	3.543	0.236	4-M16
16"	S4164R	139	15.748	6.299	7.283	4.921	5.631	3.740	0.315	4-M16
18"	S4184R	220	17.717	7.087	8.071	5.512	5.787	3.937	0.315	4-M16
20"	S4204R	265	19.685	7.874	9.291	6.300	7.598	4.173	0.315	4-M20
25"	S4254R	384	24.803	8.661	10.157	7.087	8.011	4.646	0.394	4-M20
32"	S4324R	570	31.496	9.843	11.811	8.268	7.953	5.197	0.472	8-M20
40"	S4404R	930	39.370	12.598	14.567	10.236	9.055	5.906	0.591	8-M20

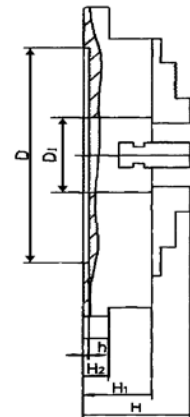
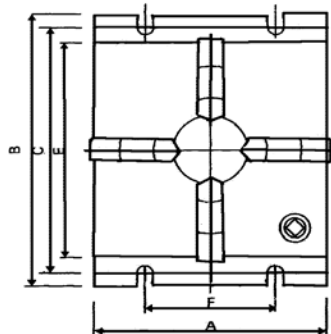
"R" DESIGNATES TOP REVERSIBLE JAWS

FOUR JAW SQUARE CHUCKS

Milling applications where low profile chucks are required.

SUPPLIED WITH:

Chuck
Solid jaw
T-Wrench



PRINCIPAL SPECIFICATIONS

SIZE	MODEL	A	B	C	D	D1	E	F	H	H1	H2	h
8"	FJS-8	7.874	10.472	9.291	7.087	2.559	7.874	5.512	3.504	2.165	0.906	0.196
10"	FJS-10	9.84	12.440	11.26	9.05	3.150	9.843	5.512	3.78	2.441	0.906	0.196

FLATBACK MOUNTING PLATES

These mounting plates are fully finished for the machine spindle, but have been left oversized where the hub mounts into the recess of the chuck. In order to achieve the best possible repeatability, a skim cut is recommended, thus the reason for leaving the hub oversized.

CAMLOCK - TYPE "D" FOR 4 JAW INDEPENDENT CHUCKS

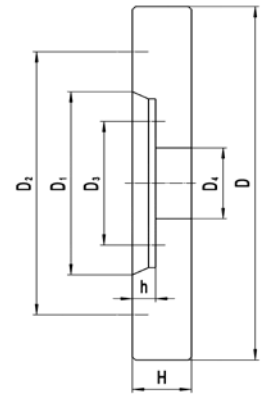
SPINDLE NOSE	"A" DIA.	CHUCK DIAMETER								
		5"	6"	8"	10"	12"	16"	20"	25"	32"
D-3	2.130		SD-203	SD-220						
D-4	2.500		SD-201	SD-204						
D-5	3.250		SD-202	SD-208	SD-210	SD-213				
D-6	4.190			SD-209	SD-211	SD-214	SD-238			
D-8	5.500				SD-212	SD-215	SD-267	SD-242		
D-11	7.750					SD-273	SD-266	SD-243		SD-274
D-15	11.250							SD-244		
A2-4	2.500		SA-201	SA-204						
A2-5	3.250		SA-202	SA-208	SA-260					
A2-6	4.190			SA-209	SA-261	SA-214	SA-238			
A2-8	5.500					SA-215	SA-267	SA-242		
A2-11	7.750					SA-272	SA-266	SA-243	SA-273	SA-274
A2-15	11.250							SA-244	SA-271	SA-275

SEMI-FINISHED MOUNTING PLATES

These mounting plates are partially finished, and can be machined to fit any chuck. The spindle taper is finished and the mounting holes are spot drilled. The chuck side is blank.

SEMI FINISHED MOUNTING PLATES FOR TYPE "A" SPINDLES

SPINDLE NOSE	Part Number	Dimensions							
		D	D1	D2	D3	D4	H	h	h1
8"/A4	SF-8A4	8.250	2.500	3.252	--	1.000	1.500	0.512	0.394
8"/A5	SF-8A5	8.250	3.2505	4.126	2.437	1.000	1.500	0.5625	0.472
8"/A6	SF-8A6	8.250	4.1880	5.252	3.252	1.500	2.000	0.6250	0.512
10"/A5	SF-10A5	10.000	3.2505	4.126	2.437	1.000	2.000	0.5630	0.472
10"/A6	SF-10A6	10.000	4.188	5.252	3.252	1.500	2.000	0.6250	0.512
10"/A8	SF-10A8	10.000	5.500	6.748	4.374	2.000	2.000	0.6875	0.551
12"/A6	SF-12A6	12.795	4.188	5.252	3.252	1.500	2.000	0.6250	0.512
12"/A8	SF-12A8	12.795	5.500	6.748	4.374	2.000	2.000	0.6375	0.551
12"/A11	SF-12A11	12.795	7.751	9.252	6.500	3.000	2.000	0.7500	0.630



Fully finished mounting plates available by request. Please call with your specific application.

REPLACEMENT PARTS FOR 4-JAW CHUCKS

INDEPENDENT CHUCKS

SIZE	MODEL	SOLID JAW REVERSIBLE	HARD TOP JAWS	SOFT TOP JAWS	MASTER JAWS	CHUCK BODY	OPERATING SCREW
3"	4034	403-5	N/A	N/A	N/A	403-8	403-2
4"	4044	404-5	N/A	N/A	N/A	404-8	404-2
5"	4054	405-5	N/A	N/A	N/A	405-8	405-2
6"	4064	406-5	406-7	406-0	406-6	406-8	406-2
8"	4084	408-5	408-7	408-0	408-6	408-8	408-2
10"	4104	410-5	410-7	410-0	410-6	410-8	410-2
12"	4124	412-5	412-7	412-0	412-6	412-8	412-2
16"	4164	416-5	416-7	416-0	416-6	416-8	416-2
20"	4204	420-5	420-7	420-0	420-6	420-8	420-2
25"	4254	425-5	425-7	425-0	425-6	425-8	425-2
32"	4324	432-5	432-7	432-0	432-6	432-8	432-2
40"	4404	440-5	440-7	440-0	440-6	440-8	440-2

CLAMPING RANGES FOR 4-JAW CHUCKS

INDEPENDENT CHUCKS

Size	Internal Clamping Range A - A1	External Clamping Range B-B1
3"	0.197~1.378	1.378~3.150
4"	0.236~1.772	1.575~3.937
5"	0.276~2.244	1.890~4.921
6"	0.315~3.150	1.969~6.300
8"	0.394~3.937	2.480~7.874
10"	0.590~5.118	3.150~9.843
12"	0.787~6.929	3.937~12.598
14"	0.787~8.110	3.937~13.780
16"	0.984~9.843	4.646~15.748
20"	1.378~11.811	4.921~19.685
25"	1.969~15.748	6.299~24.803
32"	2.756~21.260	7.874~31.496
40"	3.937~26.772	9.843~39.370

