



1

LATHE CHUCKS



BISON

PRODUCT CODING



First digit

Type of chuck:

- 3 – Scroll chuck
- 4 – Independent and Wescott chuck

Second digit

Number of jaws and material of body:

Scroll chucks

- 2 – 3-jaw / cast iron body
- 5 – 3-jaw / steel body
- 6 – 4-jaw / cast iron body
- 7 – 4-jaw / steel body
- 8 – 6-jaw / steel body / cast iron body
- 9 – Collet chucks

Independent and Wescott chucks

- 3 – Independent
- 5 – 3-jaw / cast iron body
- 6 – 4-jaw / cast iron body
- 7 – 3-jaw / steel body
- 8 – 4-jaw / steel body

3 5 0 4 - 10"

Size ø

Third digit

Type of mounting:

- 0 – Plain back mount
- 1 – Type A mount - ASA B5.9-1960
- 3 – Type C mount - BAYONET
- 4 – Type D mount - CAMLOCK
- 5 – Type L mount - LONG TAPER (L0, L00, L1, L2)
- 6 – SET-TRU mount (super precision)
- 7 – Plain back - Front mounting
- 8 – Threaded mount

Fourth digit

Type of jaws:

Scroll chucks

- 4 – Solid jaws
- 5 – 2-piece jaws

Type of jaws and material of chuck body:

Independent chucks

- 4 – Solid jaws / cast iron body
- 5 – 2-piece jaws / cast iron body
- 6 – Solid jaws / steel body
- 7 – 2-piece jaws / steel body

For example:



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SELF-CENTERING SCROLL AND WEDGE BAR CHUCKS

15-53

	TYPE	NUMBER OF JAWS	TYPE OF MOUNTING	MATERIAL	PAGE
	3564		SET-TRU	STEEL	15
	3565		SET-TRU	STEEL	15
	3765		SET-TRU	STEEL	16
	3864		SET-TRU	STEEL	17
	3865		SET-TRU	STEEL	17
	3105		PLAIN BACK	CAST IRON	18
P	3504-P		PLAIN BACK	STEEL	19
P	3505-P		PLAIN BACK	STEEL	19
P	3514-P		TYPE A	STEEL	20
P	3515-P		TYPE A	STEEL	20
P	3534-P		TYPE C	STEEL	21
P	3535-P		TYPE C	STEEL	21
P	3544-P		TYPE D	STEEL	22
P	3545-P		TYPE D	STEEL	22
P	3574-P		FRONT MOUNTING	STEEL	23
P	3575-P		FRONT MOUNTING	STEEL	23
	3504		PLAIN BACK	STEEL	24
	3505		PLAIN BACK	STEEL	24
	3204		PLAIN BACK	CAST IRON	25
	3205		PLAIN BACK	CAST IRON	25
	3514		TYPE A	STEEL	26
	3515		TYPE A	STEEL	26
	3214		TYPE A	CAST IRON	27
	3215		TYPE A	CAST IRON	27
	3534		TYPE C	STEEL	28
	3535		TYPE C	STEEL	28
	3234		TYPE C	CAST IRON	29
	3235		TYPE C	CAST IRON	29
	3544		TYPE D	STEEL	30
	3545		TYPE D	STEEL	30

TYPE	NUMBER OF JAWS	TYPE OF MOUNTING	MATERIAL	PAGE
3244		TYPE D	CAST IRON	31
3245		TYPE D	CAST IRON	31
3574		FRONT MOUNTING	STEEL	32
3575		FRONT MOUNTING	STEEL	32
3274		FRONT MOUNTING	CAST IRON	33
3275		FRONT MOUNTING	CAST IRON	33
3255		TYPE L	CAST IRON	34
3284		THREADED	CAST IRON	35
3285		THREADED	CAST IRON	35
3704		PLAIN BACK	STEEL	36
3705		PLAIN BACK	STEEL	36
3604		PLAIN BACK	CAST IRON	37
3605		PLAIN BACK	CAST IRON	37
3714		TYPE A	STEEL	38
3715		TYPE A	STEEL	38
3614		TYPE A	CAST IRON	39
3615		TYPE A	CAST IRON	39
3734		TYPE C	STEEL	40
3735		TYPE C	STEEL	40
3634		TYPE C	CAST IRON	41
3635		TYPE C	CAST IRON	41
3744		TYPE D	STEEL	42
3745		TYPE D	STEEL	42
3644		TYPE D	CAST IRON	43
3645		TYPE D	CAST IRON	43
3774		FRONT MOUNTING	STEEL	44
3775		FRONT MOUNTING	STEEL	44
3674		FRONT MOUNTING	CAST IRON	45
3675		FRONT MOUNTING	CAST IRON	45
3806		PLAIN BACK	STEEL	46
3807		PLAIN BACK	STEEL	46
3804		PLAIN BACK	CAST IRON	47
3805		PLAIN BACK	CAST IRON	47
3597		PLAIN BACK	STEEL	48

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HD O	3515 HD		TYPE A	STEEL	50
W	4505		PLAIN BACK	CAST IRON	51
W	4705		PLAIN BACK	STEEL	51
W	4605		PLAIN BACK	CAST IRON	52
W	4805		PLAIN BACK	STEEL	52
RHU	3474		PLAIN BACK	STEEL	53
RHU	3475		PLAIN BACK	STEEL	53

II SPECIAL CLAMPING SOLUTIONS 64-68

	TYPE	NUMBER OF JAWS	DESCRIPTION	MATERIAL	PAGE
	3264		WITH FINE ADJUSTMENT	CAST IRON	54
	3265		WITH FINE ADJUSTMENT	CAST IRON	54
	3286		FOR SMALL TURNING DIAMETERS	STEEL	56
	3266		FOR DRILLS SHARPENING	CAST IRON	57
	3866		FOR DRILLS SHARPENING	STEEL	58
	3867		FOR DRILLS SHARPENING	STEEL	59
	3868		FOR DRILLS SHARPENING	STEEL	60
	3911		5C COLLET CHUCKS	STEEL	61
	3944		5C COLLET CHUCKS	STEEL	61
	3960		5C COLLET CHUCKS	STEEL	62
	3965		5C COLLET CHUCKS	STEEL	62
	3975		5C & 16C COLLET CHUCKS	STEEL	63
	3984		5C COLLET CHUCKS	STEEL	63
	9156		WITH MORSE TAPER		65
	9157		WITH MORSE TAPER		65
	9167		WITH MORSE TAPER		66
	9184		WITH MORSE TAPER		66
	9187		WITH MORSE TAPER		67
	9188		WITH MORSE TAPER		67
	4956		WITH MORSE TAPER		68
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III INDEPENDENT CHUCKS 70-78

	TYPE	NUMBER OF JAWS	TYPE OF MOUNTING	MATERIAL	PAGE
	4306		PLAIN BACK	STEEL	70
	4307		PLAIN BACK	STEEL	70
	4304		PLAIN BACK	CAST IRON	71
	4305		PLAIN BACK	CAST IRON	71
	4314		TYPE A	CAST IRON	72
	4315		TYPE A	CAST IRON	72
	4334		TYPE C	CAST IRON	73
	4335		TYPE C	CAST IRON	73
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	4345		TYPE D	CAST IRON	74
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IV LARGE DIAMETERS WORKHOLDING 80-93

	TYPE	NUMBER OF JAWS	DESCRIPTION	MATERIAL	PAGE
	4200		FACE PLATES	STEEL	81
	3505		SELF-CENTERING SCROLL CHUCKS	STEEL	82
	3205		SELF-CENTERING SCROLL CHUCKS	CAST IRON	83
	3705		SELF-CENTERING SCROLL CHUCKS	STEEL	84
	3605		SELF-CENTERING SCROLL CHUCKS	CAST IRON	85
	3807		SELF-CENTERING SCROLL CHUCKS	STEEL	86
	3805		SELF-CENTERING SCROLL CHUCKS	CAST IRON	87
	4705		COMBINATION CHUCKS (WESCOTT)	STEEL	88
	4505		COMBINATION CHUCKS (WESCOTT)	CAST IRON	89
	4805		COMBINATION CHUCKS (WESCOTT)	STEEL	90
	4605		COMBINATION CHUCKS (WESCOTT)	CAST IRON	91
	4307		INDEPENDENT CHUCKS	STEEL	95
	4305		INDEPENDENT CHUCKS	CAST IRON	93



PICTOGRAM DESCRIPTION

V SPARE PARTS & ACCESSORIES

98-141

VI TECHNICAL DATA

142-148

W Combination Chuck (Wescott)

HD High Durability

RHU Self-centering wedge bar chucks

P Premium

O Oil Country Chucks with large through-hole

Type of mounting:



Plain Back Mounting



Type A Mounting



Type C Mounting (BAYONET)



Type D Mounting (CAMLOCK)



Front Mounting with Plain Back



Type L Mounting



Threaded Mounting



Set-Tru Mounting with Plain Back

Number of jaws:



2-Jaw



3-Jaw



4-Jaw



6-Jaw

Type of jaws:



Solid jaws



2-piece jaws

Material of body:



Steel



Cast iron

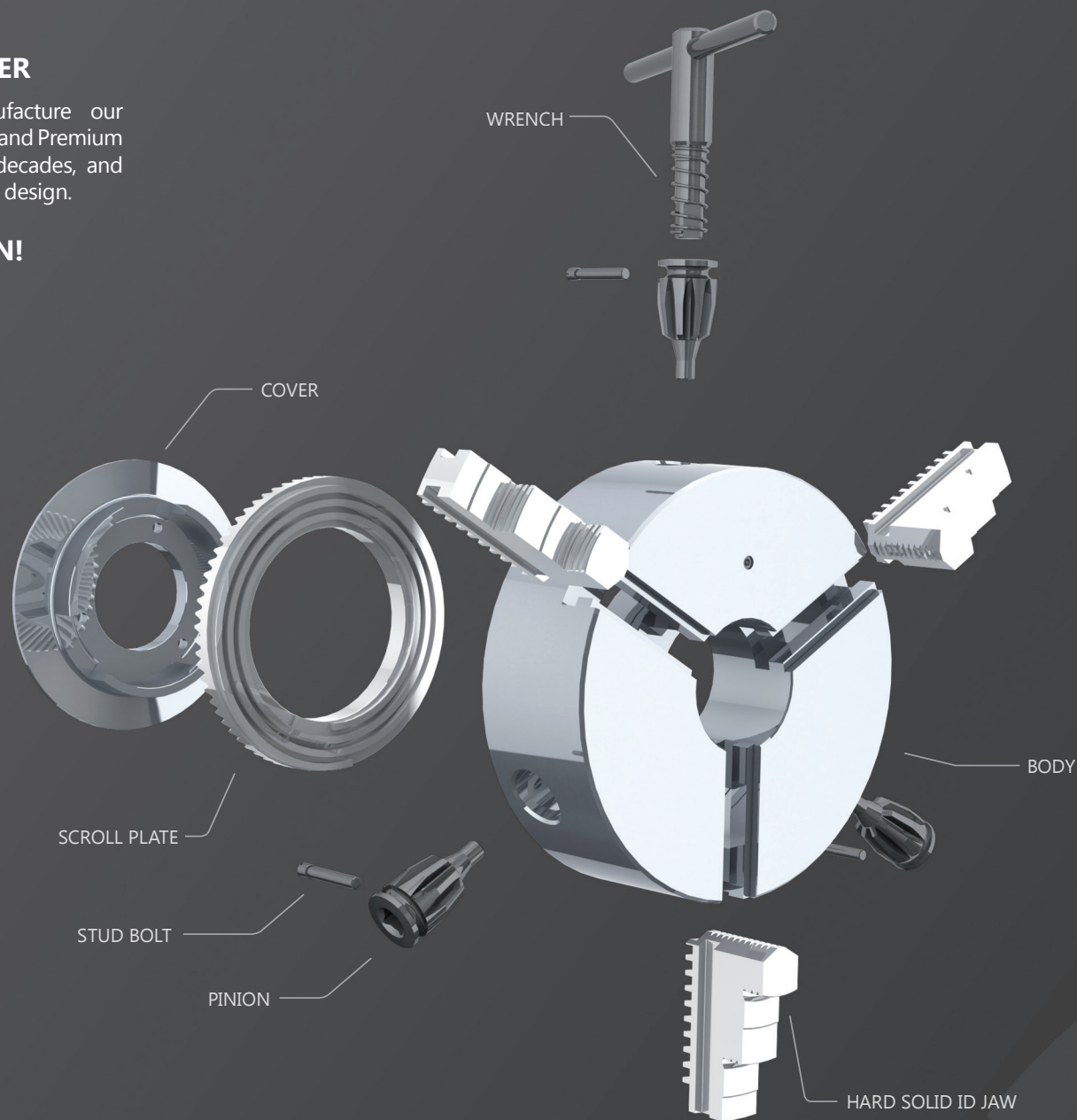
SELF-CENTERING SCROLL CHUCKS



OUR TOPSELLER

BISON continues to manufacture our famous high quality Standard and Premium Lathe Chucks – proven for decades, and unique in its quality and design.

Trust in BISON!





SELF-CENTERING SCROLL CHUCKS

We manufacture our high quality lathe chucks from forged steel or cast iron – all working surfaces are induction hardened and ground.

Our chucks meet the highest requirements in terms of stability and durability needs – just as you are accustomed and rightly expect from us.

Our strict quality standards ensure, that the accuracy of our chucks falls well above the required DIN standards for all BISON chucks.

BISON Originals – M-powered by precision!



SPECIAL CLAMPING SOLUTIONS

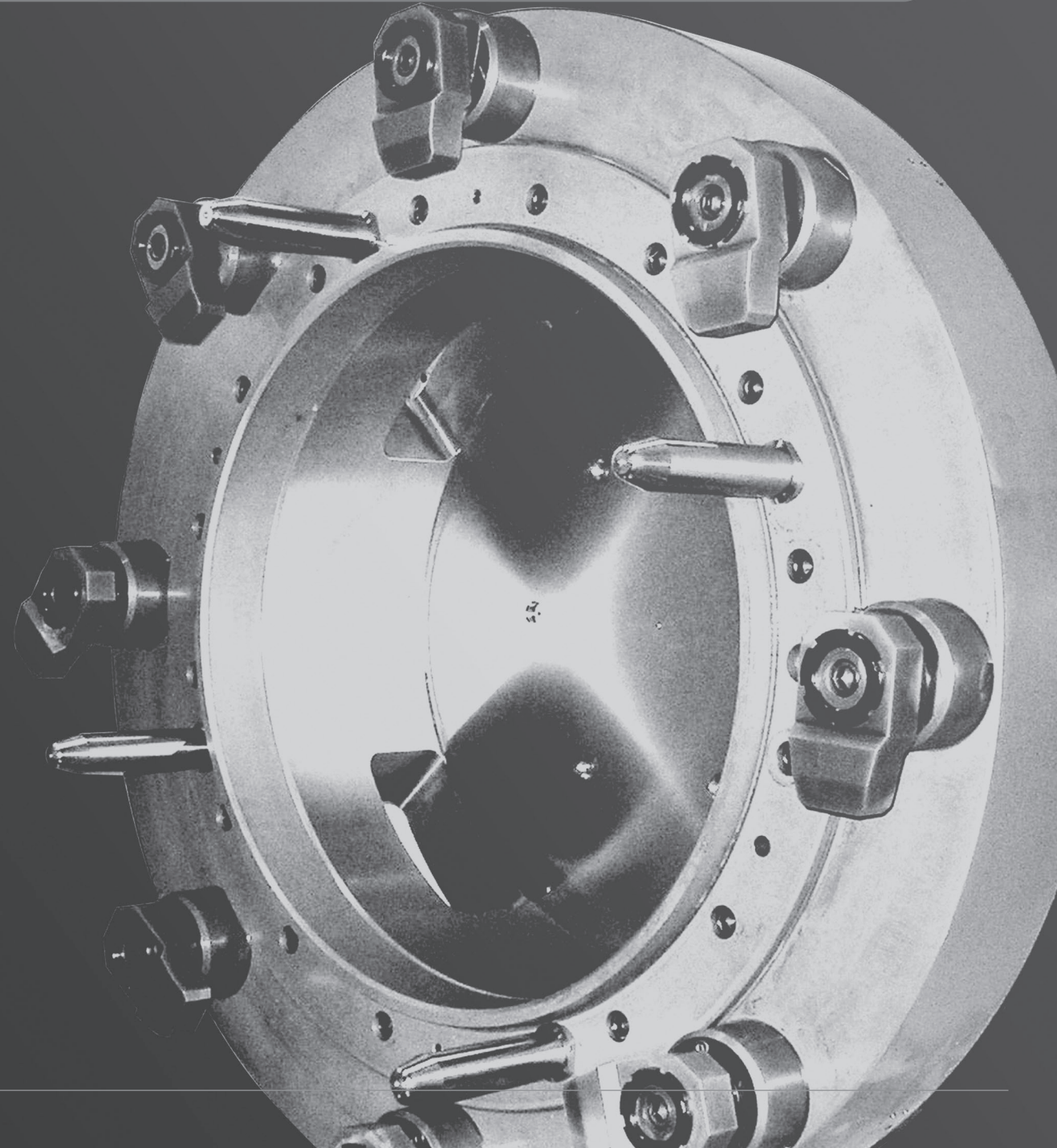


Clamping work - intelligent solutions:
BISON Special Clamping Solutions

You have a clamping job?
But no standard tools to do the job?
Looking for a smart, efficient and cost-friendly
solution - come to BISON!

With now more than 60 years of experience around the clamping and workholding, we take on every challenge - regardless of what area they come from. Whether automotive, medical or research - our team of developers and designers in Dusseldorf supports you from the initial idea, through to commissioning with extensive know-how, and will not walk away even after the delivery of our clamping means. A small selection of our many specials we have compiled for you on the following pages. See for yourself - we have compiled a small selection of our many custom designs on the following pages for you.

We look forward to your clamping problem -
give us a call or send us an email to:
info@bison-america.com





3564



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

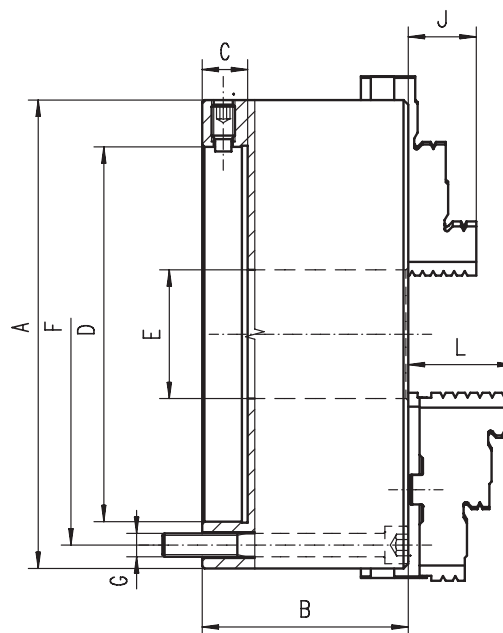


1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-866-8040	3564-4"
7-866-8050	3564-5"
7-866-8060	3564-6"
7-866-8080	3564-8"
7-866-8100	3564-10"
7-866-8120	3564-12"
7-866-8160	3564-16"
7-866-8200	3564-20"
7-866-8250	3564-25"



- Hardened and ground working surfaces
- Balanced scroll plate
- Repeatability: 0.0006"
- Fine adjustment radially set screws provide nearly 0 run-out
- The clamped workpiece is adjusted to the required concentricity by means of 4 (8 for sizes 16", 20" and 25") radially arranged adjusting screws
- Made for universal use, but particularly advantageous for grinding machines, indexing heads and lathes
- Mounted on the machine tool spindle from the back of the chuck by using an adapter plate

A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
3.94	2.68	0.51	1.77	0.79	3.27	3xM8	0.67	-	7.28
4.92	2.81	0.59	2.17	1.38	4.25	3xM8	0.79	1.57	11.02
6.30	2.70	0.71	3.39	1.65	5.51	3xM10	1.26	1.69	20.06
7.87	3.07	0.79	4.33	2.17	6.93	3xM10	1.14	1.77	34.17
9.84	3.50	0.79	5.71	2.99	8.82	3xM12	1.34	2.09	57.76
12.40	3.79	0.79	7.09	4.06	11.26	3xM16	1.69	2.24	102.51
15.75	4.84	0.87	11.78	5.35	6.75	6xM16	2.17	2.64	198.42
19.69	5.67	1.18	16.03	7.48	9.25	6xM20	2.36	3.11	376.99
24.80	5.91	1.18	16.03	9.92	13.00	6xM20	2.76	3.43	665.80

Larger diameters available on page 82-93!

3565



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
3565-5"	7-866-0500
3565-6"	7-866-0600
3565-8"	7-866-0800
3565-10"	7-866-1000
3565-12"	7-866-1200
3565-16"	7-866-1600
3565-20"	7-866-2000
3565-25"	7-866-2500

Technical data 142-148



3864



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

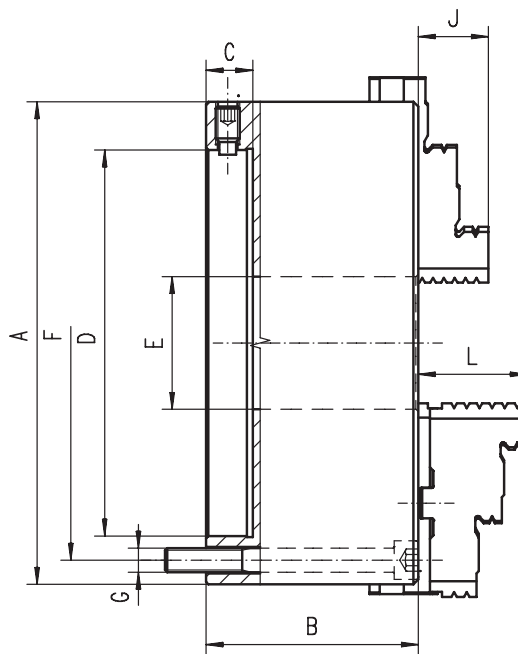


1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-868-8050	3864-5"
7-868-8060	3864-6"
7-868-8080	3864-8"
7-868-8100	3864-10"
7-868-8120	3864-12"
7-868-8160	3864-16"
7-868-8200	3864-20"
7-868-8250	3864-25"

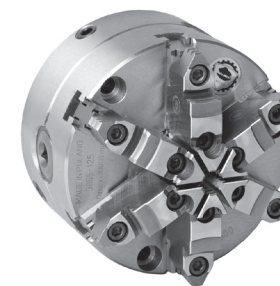


- Hardened and ground working surfaces
- Balanced scroll plate
- Repeatability: 0.0006"
- Fine adjustment radially set screws provide nearly 0 run-out
- The clamped workpiece is adjusted to the required concentricity by means of 4 (8 for sizes 16", 20" and 25") radially arranged adjusting screws
- Made for universal use, but particularly advantageous for grinding machines, indexing heads and lathes
- Mounted on the machine tool spindle from the back of the chuck by using an adapter plate

A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
4.92	2.81	0.59	2.17	1.38	4.25	3xM8	0.79	1.57	13.67
6.30	2.70	0.71	3.39	1.65	5.51	3xM10	1.26	1.69	23.15
7.87	3.07	0.79	4.33	2.17	6.93	3xM10	1.14	1.77	38.58
9.84	3.50	0.79	5.71	2.99	8.82	3xM12	1.34	2.09	72.75
12.40	3.79	0.79	7.09	4.06	11.26	3xM16	1.61	2.20	123.46
15.75	4.84	0.87	11.78	5.35	6.75	6xM16	2.17	2.64	218.26
19.69	5.67	1.18	16.03	7.48	9.25	6xM20	2.36	3.11	396.83
24.80	5.91	1.18	16.03	9.92	13.00	6xM20	2.76	3.43	718.71

Larger diameters available on page 82-93!

3865



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

Type	Code No.
3865-5"	7-868-0500
3865-6"	7-868-0600
3865-8"	7-868-0800
3865-10"	7-868-1000
3865-12"	7-868-1200
3865-16"	7-868-1600
3865-20"	7-868-2000
3865-25"	7-868-2500

1

2

3

4

5

6

**3105**

Standard accessories



1 Set of soft top jaws



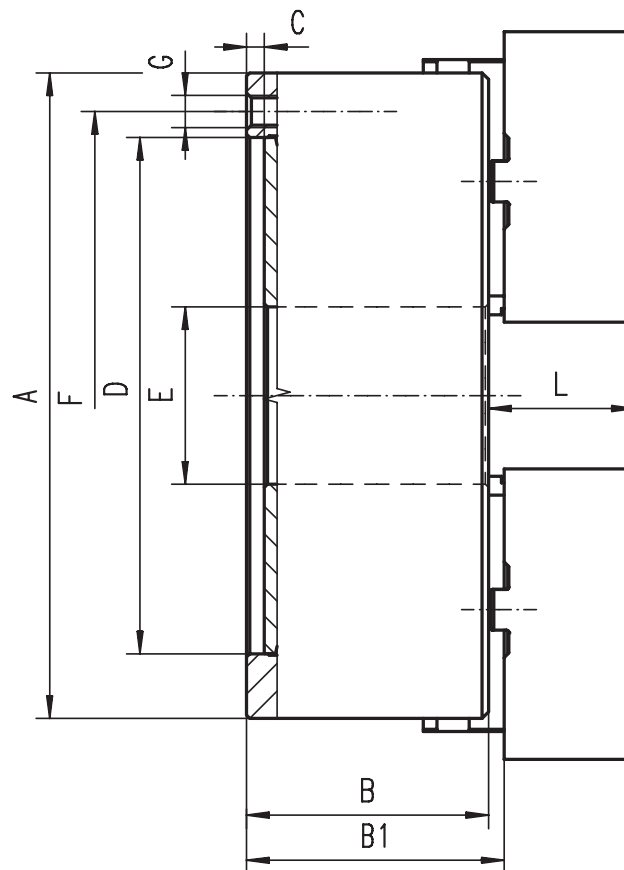
1 Set of hard master jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148



- Hardened and ground working surfaces
- Balanced scroll plate

Code No.	Type
7-830-0600	3105-6"
7-830-0800	3105-8"
7-830-1000	3105-10"
7-830-1200	3105-12"
7-830-1600	3105-16"

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	L [in]	Weight [lbs]
6.30	2.54	2.73	0.16	4.92	1.65	5.51	6xM10	1.69	22.05
7.87	2.95	3.14	0.16	6.30	2.17	6.93	6xM10	1.77	38.58
9.84	3.35	3.50	0.20	7.87	2.99	8.82	6xM12	2.09	63.93
12.40	3.70	3.90	0.20	10.24	4.06	11.26	6xM16	2.24	110.23
15.75	4.13	4.48	0.20	12.99	5.35	14.25	6xM16	2.64	187.39

Larger diameters available on page 82-93!

3105





3504-P



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

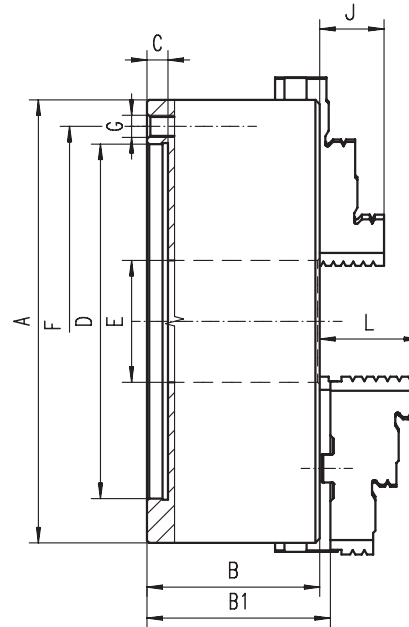


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-829-0300P	3504-3"-P
7-829-0400P	3504-4"-P
7-829-0500P	3504-5"-P
7-829-0600P	3504-6"-P
7-829-0800P	3504-8"-P
7-829-1000P	3504-10"-P
7-829-1200P	3504-12"-P
7-829-1600P	3504-16"-P
7-829-2000P	3504-20"-P
7-829-2500P	3504-25"-P



- BISON PREMIUM chucks are characterized by exceptionally high accuracy values for all operations that require maximum precision - specially designed for our most demanding customers
- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks ø20" and above have additional T-slots

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
3.15	1.73	-	0.12	2.20	0.63	2.64	3xM6	0.51	-	3.31
3.94	1.97	-	0.12	2.76	0.79	3.27	3xM8	0.63	-	6.17
4.92	2.34	2.53	0.16	3.74	1.40	4.25	3xM8	0.79	1.57	11.02
6.30	2.68	2.87	0.16	4.92	1.65	5.51	6xM10	1.26	1.69	22.05
7.87	3.07	3.26	0.16	6.30	2.17	6.93	6xM10	1.14	1.77	38.58
9.84	3.50	3.65	0.20	7.87	2.99	8.82	6xM12	1.34	2.09	63.93
12.40	3.79	3.99	0.20	10.24	4.06	11.26	6xM16	1.69	2.24	110.23
15.75	4.29	4.60	0.20	12.99	5.35	14.25	6xM16	2.17	2.64	187.39
19.69	4.69	5.11	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	319.67
24.80	5.08	5.52	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	551.16

Larger diameters available on page 82-93!

3505-P



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
3505-5"-P	7-820-0500P
3505-6"-P	7-820-0600P
3505-8"-P	7-820-0800P
3505-10"-P	7-820-1000P
3505-12"-P	7-820-1200P
3505-16"-P	7-820-1600P
3505-20"-P	7-820-2000P
3505-25"-P	7-820-2500P

3514-P



Standard accessories



1 Set of hard solid ID jaws



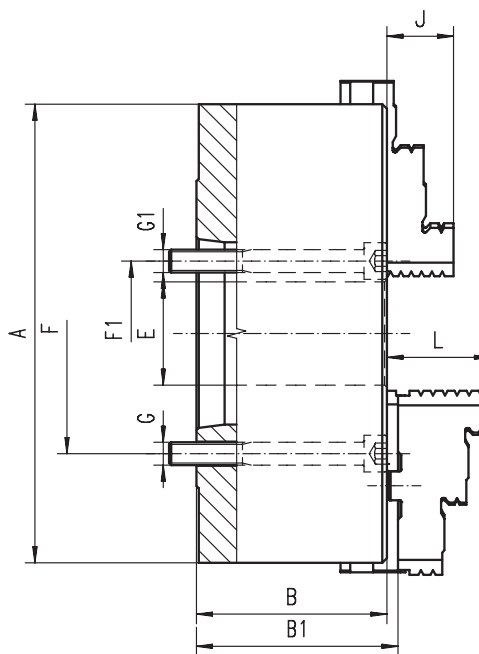
1 Set of hard solid OD jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



■ BISON PREMIUM chucks are characterized by exceptionally high accuracy values for all operations that require maximum precision - specially designed for our most demanding customers

■ Hardened and ground working surfaces

■ Balanced scroll plate

■ Chucks ø20" and above have additional T-slots

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	F1 [in]	Number of bolts	G	G1	J [in]	L [in]	Weight [lbs]
6.30	5	2.68	2.87	1.65	-	2.44	3	-	3xM10	1.26	1.69	22.05
7.87	5	3.07	3.26	1.65	-	2.44	3	-	3xM10	1.14	1.77	41.89
7.87	6	3.07	3.26	2.17	-	3.25	3	-	3xM12	1.14	1.77	41.89
9.84	5	3.50	3.65	2.99	4.13	-	3	3xM10	-	1.34	2.09	70.55
9.84	6	3.50	3.65	2.17	-	3.25	6	-	6xM12	1.34	2.09	70.55
9.84	8	3.50	3.65	2.99	-	4.37	6	-	6xM16	1.34	2.09	70.55
12.40	6	3.79	3.99	4.06	5.25	-	6	6xM12	-	1.69	2.24	121.25
12.40	8	3.79	3.99	3.15	-	4.37	6	-	6xM16	1.69	2.24	121.25
15.75	8	4.25	4.60	5.35	6.75	-	6	6xM16	-	2.17	2.64	202.83
15.75	11	4.25	4.60	5.12	-	6.50	6	-	6xM20	2.17	2.64	202.83
19.69	8	4.69	5.11	5.35	6.75	-	6	6xM16	-	2.36	3.11	352.74
19.69	11	4.69	5.11	7.48	9.25	-	6	6xM20	-	2.36	3.11	352.74
24.80	11	5.08	5.52	7.48	9.25	-	6	6xM20	-	2.76	3.43	628.32
24.80	15	5.08	5.52	9.92	13.00	-	6	6xM24	-	2.76	3.43	628.32

Larger diameters available on page 82-93!

3515-P



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3515-6"-5-P	7-821-0615P
3515-8"-5-P	7-821-0815P
3515-8"-6-P	7-821-0816P
3515-10"-5-P	7-821-1015P
3515-10"-6-P	7-821-1016P
3515-10"-8-P	7-821-1018P
3515-12"-6-P	7-821-1226P
3515-12"-8-P	7-821-1228P
3515-16"-8-P	7-821-1628P
3515-16"-11-P	7-821-1629P
3515-20"-8-P	7-821-2028P
3515-20"-11-P	7-821-2029P
3515-25"-11-P	7-821-2529P
3515-25"-15-P	7-821-2530P





3534-P



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

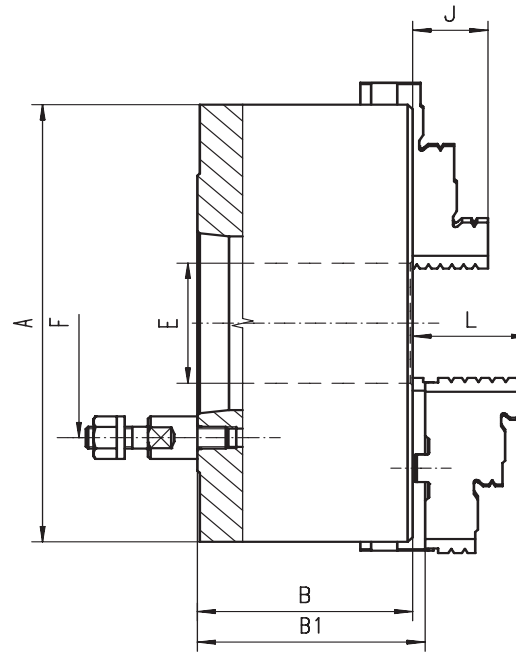


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-828-0553P	3534-5"-3-P
7-828-0554P	3534-5"-4-P
7-828-0654P	3534-6"-4-P
7-828-0655P	3534-6"-5-P
7-828-0855P	3534-8"-5-P
7-828-0856P	3534-8"-6-P
7-828-1056P	3534-10"-6-P
7-828-1058P	3534-10"-8-P
7-828-1256P	3534-12"-6-P
7-828-1258P	3534-12"-8-P
7-828-1259P	3534-12"-11-P
7-828-1658P	3534-16"-8-P
7-828-1659P	3534-16"-11-P
7-828-2058P	3534-20"-8-P
7-828-2059P	3534-20"-11-P
7-828-2559P	3534-25"-11-P
7-828-2555P	3534-25"-15-P



■ BISON PREMIUM chucks are characterized by exceptionally high accuracy values for all operations that require maximum precision - specially designed for our most demanding customers

■ Hardened and ground working surfaces

■ Balanced scroll plate

■ Chucks ø20" and above have additional T-slots

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
4.92	3	2.34	2.55	1.26	2.95	3	0.79	1.57	11.02
4.92	4	2.34	2.55	1.26	3.35	3	0.79	1.57	11.02
6.30	4	2.68	2.87	1.65	3.35	3	1.26	1.69	19.84
6.30	5	2.68	2.87	1.65	4.13	4	1.26	1.69	19.84
7.87	5	3.07	3.26	2.17	4.13	4	1.14	1.77	41.89
7.87	6	3.07	3.26	2.17	5.25	4	1.14	1.77	41.89
9.84	6	3.50	3.65	2.99	5.25	4	1.34	2.09	70.55
9.84	8	3.50	3.65	2.99	6.75	4	1.34	2.09	70.55
12.40	6	3.79	3.99	4.06	6.75	4	1.69	2.24	112.44
12.40	8	3.79	3.99	4.06	6.75	4	1.69	2.24	112.44
12.40	11	4.40	4.60	4.06	9.25	6	1.69	2.24	112.44
15.75	8	4.25	4.60	5.35	6.75	4	2.17	2.64	222.67
15.75	11	4.25	4.60	5.35	9.25	6	2.17	2.64	222.67
19.69	8	4.69	5.11	5.35	6.75	4	2.36	3.11	330.69
19.69	11	4.69	5.11	7.48	9.25	6	2.36	3.11	330.69
24.80	11	5.08	5.52	7.48	9.25	6	2.76	3.43	604.07
24.80	15	5.08	5.52	9.92	13.00	6	2.76	3.43	604.07

Larger diameters available on page 82-93!

3535-P



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3535-5"-3-P	7-826-0553P
3535-5"-4-P	7-826-0554P
3535-6"-4-P	7-826-0654P
3535-6"-5-P	7-826-0655P
3535-8"-5-P	7-826-0855P
3535-8"-6-P	7-826-0856P
3535-10"-6-P	7-826-1056P
3535-10"-8-P	7-826-1058P
3535-12"-6-P	7-826-1256P
3535-12"-8-P	7-826-1258P
3535-12"-11-P	7-826-1259P
3535-16"-8-P	7-826-1658P
3535-16"-11-P	7-826-1659P
3535-20"-8-P	7-826-2058P
3535-20"-11-P	7-826-2059P
3535-25"-11-P	7-826-2559P
3535-25"-15-P	7-826-2555P

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3544-P



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

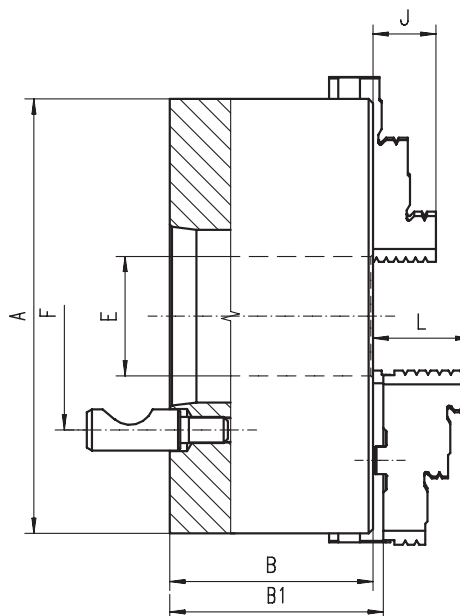


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-824-0533P	3544-5"-3-P
7-824-0534P	3544-5"-4-P
7-824-0633P	3544-6"-3-P
7-824-0634P	3544-6"-4-P
7-824-0635P	3544-6"-5-P
7-824-0834P	3544-8"-4-P
7-824-0835P	3544-8"-5-P
7-824-0836P	3544-8"-6-P
7-824-1036P	3544-10"-6-P
7-824-1038P	3544-10"-8-P
7-824-1236P	3544-12"-6-P
7-824-1238P	3544-12"-8-P
7-824-1239P	3544-12"-11-P
7-824-1638P	3544-16"-8-P
7-824-1639P	3544-16"-11-P
7-824-2038P	3544-20"-8-P
7-824-2039P	3544-20"-11-P
7-824-2539P	3544-25"-11-P
7-824-2540P	3544-25"-15-P



- BISON PREMIUM chucks are characterized by exceptionally high accuracy values for all operations that require maximum precision - specially designed for our most demanding customers
- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks ø20" and above have additional T-slots

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
4.92	3	2.34	2.55	1.26	2.78	3	0.79	1.57	11.02
4.92	4	2.34	2.55	1.26	3.25	3	0.79	1.57	11.02
6.30	3	2.68	2.87	1.65	2.78	3	1.26	1.69	19.84
6.30	4	2.68	2.87	1.65	3.25	3	1.26	1.69	19.84
6.30	5	2.68	2.87	1.65	4.13	6	1.26	1.69	19.84
7.87	4	3.07	3.26	2.17	3.25	3	1.14	1.77	41.89
7.87	5	3.07	3.26	2.17	4.13	6	1.14	1.77	41.89
7.87	6	3.07	3.26	2.17	5.25	6	1.14	1.77	41.89
9.84	6	3.50	3.65	2.99	5.25	6	1.34	2.09	70.55
9.84	8	3.50	3.65	2.99	6.75	6	1.34	2.09	70.55
12.40	6	3.79	3.99	4.06	5.25	6	1.69	2.09	112.44
12.40	8	3.79	3.99	4.06	6.75	6	1.69	2.24	112.44
12.40	11	4.40	4.60	4.06	9.25	6	1.69	2.24	112.44
15.75	8	4.25	4.60	5.35	6.75	6	2.17	2.64	222.67
15.75	11	4.25	4.60	5.35	9.25	6	2.17	2.64	222.67
19.69	8	4.69	5.11	5.35	6.75	6	2.36	3.11	330.69
19.69	11	4.69	5.11	7.48	9.25	6	2.36	3.11	330.69
24.80	11	5.08	5.52	7.48	9.25	6	2.76	3.43	604.07
24.80	15	5.08	5.52	9.92	13.00	6	2.76	3.43	604.07

Larger diameters available on page 82-93!

3545-P



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3545-5"-3-P	7-823-0533P
3545-5"-4-P	7-823-0534P
3545-6"-3-P	7-823-0633P
3545-6"-4-P	7-823-0634P
3545-6"-5-P	7-823-0635P
3545-8"-4-P	7-823-0834P
3545-8"-5-P	7-823-0835P
3545-8"-6-P	7-823-0836P
3545-10"-6-P	7-823-1036P
3545-10"-8-P	7-823-1038P
3545-12"-6-P	7-823-1236P
3545-12"-8-P	7-823-1238P
3545-12"-11-P	7-823-1239P
3545-16"-8-P	7-823-1638P
3545-16"-11-P	7-823-1639P
3545-20"-8-P	7-823-2038P
3545-20"-11-P	7-823-2039P
3545-25"-11-P	7-823-2539P
3545-25"-15-P	7-823-2540P



3544-P

3545-P





3574-P



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

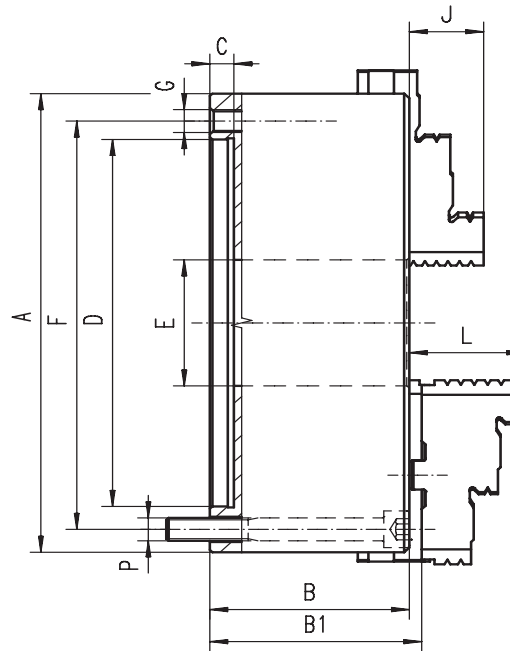


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-817-0300P	3574-3"-P
7-817-0400P	3574-4"-P
7-817-0500P	3574-5"-P
7-817-0600P	3574-6"-P
7-817-0800P	3574-8"-P
7-817-1000P	3574-10"-P
7-817-1200P	3574-12"-P
7-817-1600P	3574-16"-P
7-817-2000P	3574-20"-P
7-817-2500P	3574-25"-P



- BISON PREMIUM chucks are characterized by exceptionally high accuracy values for all operations that require maximum precision - specially designed for our most demanding customers
- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks ø20" and above have additional T-slots
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	P	Weight [lbs]
3.15	1.73	-	0.12	2.20	0.63	2.64	3xM6	0.51	-	3xM6	3.31
3.94	1.97	-	0.12	2.76	0.79	3.27	3xM8	0.63	-	3xM8	6.17
4.92	2.34	2.53	0.16	3.74	1.40	4.25	3xM8	0.79	1.57	3xM8	11.02
6.30	2.68	2.87	0.16	4.92	1.65	5.51	3xM10	1.26	1.69	3xM10	22.05
7.87	3.07	3.26	0.16	6.30	2.17	6.93	3xM10	1.14	1.77	3xM10	38.58
9.84	3.50	3.65	0.20	7.87	2.99	8.82	3xM12	1.34	2.09	3xM12	63.93
12.40	3.83	3.99	0.20	10.24	4.06	11.26	3xM16	1.69	2.24	3xM16	110.23
15.75	4.29	4.60	0.20	12.99	5.35	14.25	3xM16	2.17	2.64	3xM16	187.39
19.69	4.69	5.11	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	6xM16	319.67
24.80	5.08	5.52	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	6xM16	551.16

Larger diameters available on page 82-93!

3575-P



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
3575-5"-P	7-813-0500P
3575-6"-P	7-813-0600P
3575-8"-P	7-813-0800P
3575-10"-P	7-813-1000P
3575-12"-P	7-813-1200P
3575-16"-P	7-813-1600P
3575-20"-P	7-813-2000P
3575-25"-P	7-813-2500P

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**3504**

Standard accessories



1 Set of hard solid ID jaws



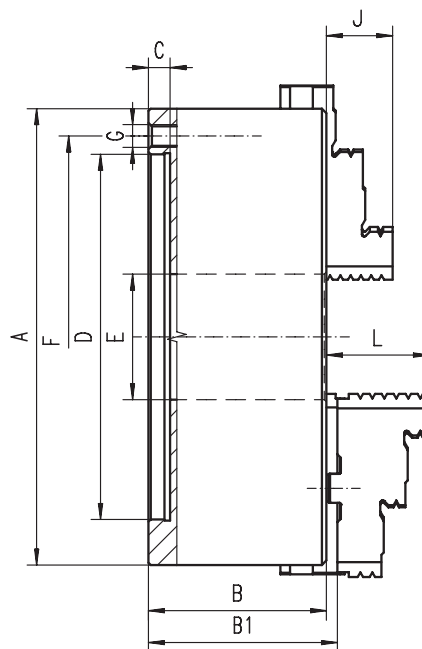
1 Set of hard solid OD jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks ø20" and above have additional T-slots

Code No.	Type
7-829-0300	3504-3"
7-829-0400	3504-4"
7-829-0500	3504-5"
7-829-0600	3504-6"
7-829-0800	3504-8"
7-829-1000	3504-10"
7-829-1200	3504-12"
7-829-1600	3504-16"
7-829-2000	3504-20"
7-829-2500	3504-25"

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
3.15	1.73	-	0.12	2.20	0.63	2.64	3xM6	13	0.51	-
3.94	1.97	-	0.12	2.76	0.79	3.27	3xM8	16	0.63	-
4.92	2.34	2.53	0.16	3.74	1.40	4.25	3xM8	20	0.79	1.57
6.30	2.68	2.87	0.16	4.92	1.65	5.51	6xM10	32	1.26	1.69
7.87	3.07	3.26	0.16	6.30	2.17	6.93	6xM10	29	1.14	1.77
9.84	3.50	3.65	0.20	7.87	2.99	8.82	6xM12	34	1.34	2.09
12.40	3.79	3.99	0.20	10.24	4.06	11.26	6xM16	43	1.69	2.24
15.75	4.29	4.60	0.20	12.99	5.35	14.25	6xM16	55	2.17	2.64
19.69	4.69	5.11	0.20	16.54	7.48	18.03	6xM16	60	2.36	3.11
24.80	5.08	5.52	0.28	21.46	9.92	23.07	6xM16	70	2.76	3.43

Larger diameters available on page 82-93!

3505

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
-	-
3505-5"	7-820-0500
3505-6"	7-820-0600
3505-8"	7-820-0800
3505-10"	7-820-1000
3505-12"	7-820-1200
3505-16"	7-820-1600
3505-20"	7-820-2000
3505-25"	7-820-2500



Type of mounting



Material of chuck body



Number of jaws



Type of jaws



3204



Standard accessories



1 Set of hard solid ID jaws



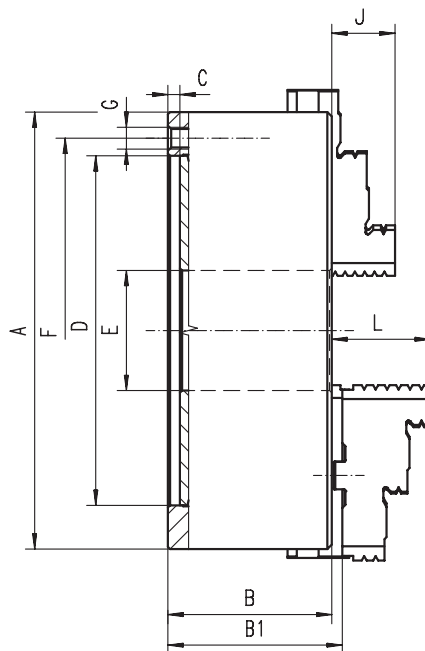
1 Set of hard solid OD jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148



■ Ground working surfaces

Code No.	Type
7-810-0300	3204-3"
7-810-0400	3204-4"
7-810-0500	3204-5"
7-810-0600	3204-6"
7-810-0800	3204-8"
7-810-1000	3204-10"
7-810-1200	3204-12"
7-810-1600	3204-16"
7-810-2000	3204-20"
7-810-2500	3204-25"

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
3.15	1.73	-	0.12	2.20	0.63	2.64	3xM6	0.51	-	3.31
3.94	1.97	-	0.12	2.76	0.79	3.27	3xM8	0.63	-	6.17
4.92	2.20	2.39	0.16	3.74	1.26	4.25	3xM8	0.79	1.57	11.02
6.30	2.54	2.73	0.16	4.92	1.65	5.51	6xM10	1.26	1.69	22.05
7.87	2.95	3.14	0.16	6.30	2.17	6.93	6xM10	1.14	1.77	38.58
9.84	3.35	3.50	0.20	7.87	2.99	8.82	6xM12	1.34	2.09	63.93
12.40	3.70	3.90	0.20	10.24	4.06	11.26	6xM16	1.69	2.24	110.23
15.75	4.13	4.48	0.20	12.99	5.35	14.25	6xM16	2.17	2.64	187.39
19.69	4.72	5.15	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	319.67
24.80	5.31	5.76	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	551.16

Larger diameters available on page 82-93!

3205



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
-	-
3205-5"	7-800-0500
3205-6"	7-800-0600
3205-8"	7-800-0800
3205-10"	7-800-1000
3205-12"	7-800-1200
3205-16"	7-800-1600
3205-20"	7-800-2000
3205-25"	7-800-2500

3514



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

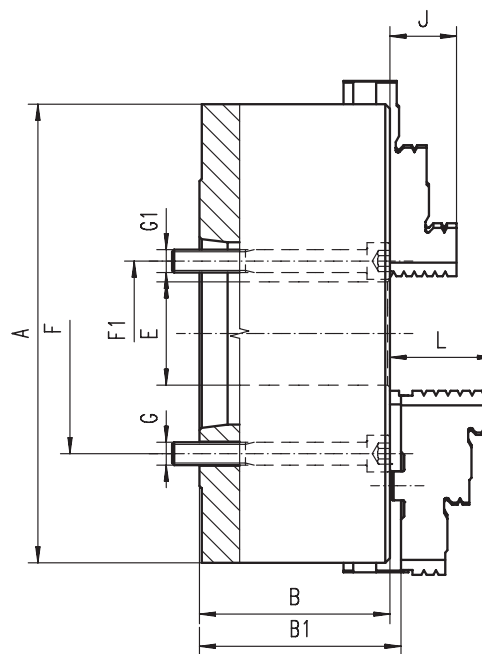


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-822-0615	3514-6"-5
7-822-0814	3514-8"-4
7-822-0815	3514-8"-5
7-822-0816	3514-8"-6
7-822-1015	3514-10"-5
7-822-1016	3514-10"-6
7-822-1018	3514-10"-8
7-822-1226	3514-12"-6
7-822-1228	3514-12"-8
7-822-1626	3514-16"-6
7-822-1628	3514-16"-8
7-822-1629	3514-16"-11
7-822-2028	3514-20"-8
7-822-2029	3514-20"-11
7-822-2529	3514-25"-11
7-822-2530	3514-25"-15



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks $\phi 20"$ and above have additional T-slots

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	F1 [in]	Number of bolts	3514		3515		J [in]	L [in]	Weight [lbs]
								G	G1	G	G1			
6.30	5	2.68	2.87	1.65	-	2.44	3	-	3xM10	-	7/16-14	1.26	1.69	22.05
7.87	4	3.07	3.26	1.65	3.25	-	3	3xM10	-	7/16-14	-	1.14	1.77	41.89
7.87	5	3.07	3.26	1.65	-	2.44	3	-	3xM10	-	7/16-14	1.14	1.77	41.89
7.87	6	3.07	3.26	2.17	-	3.25	3	-	3xM12	-	1/2-13	1.14	1.77	41.89
9.84	5	3.50	3.65	2.99	4.13	-	3	3xM10	-	7/16-14	-	1.34	2.09	70.55
9.84	6	3.50	3.65	2.17	-	3.25	6	-	6xM12	-	1/2-13	1.34	2.09	70.55
9.84	8	3.50	3.65	2.99	-	4.37	6	-	6xM16	-	5/8-11	1.34	2.09	70.55
12.40	6	3.79	3.99	4.06	5.25	-	6	6xM12	-	1/2-13	-	1.69	2.24	121.25
12.40	8	3.79	3.99	3.15	-	4.37	6	-	6xM16	-	5/8-11	1.69	2.24	121.25
15.75	6	4.25	4.60	4.06	5.25	-	6	6xM12	-	1/2-13	-	2.17	2.64	202.83
15.75	8	4.25	4.60	5.35	6.75	-	6	6xM16	-	5/8-11	-	2.17	2.64	202.83
15.75	11	4.25	4.60	5.12	-	6.50	6	-	6xM20	-	3/4-10	2.17	2.64	202.83
19.69	8	4.69	5.11	5.35	6.75	-	6	6xM16	-	5/8-11	-	2.36	3.11	352.74
19.69	11	4.69	5.11	7.48	9.25	-	6	6xM20	-	3/4-10	-	2.36	3.11	352.74
24.80	11	5.08	5.52	7.48	9.25	-	6	6xM20	-	3/4-10	-	2.76	3.43	628.32
24.80	15	5.08	5.52	9.92	13.00	-	6	6xM24	-	7/8-9	-	2.76	3.43	628.32

Larger diameters available on page 82-93!

3515



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3515-6"-5	7-821-0615
3515-8"-4	7-821-0814
3515-8"-5	7-821-0815
3515-8"-6	7-821-0816
3515-10"-5	7-821-1015
3515-10"-6	7-821-1016
3515-10"-8	7-821-1018
3515-12"-6	7-821-1226
3515-12"-8	7-821-1228
3515-16"-6	7-821-1626
3515-16"-8	7-821-1628
3515-16"-11	7-821-1629
3515-20"-8	7-821-2028
3515-20"-11	7-821-2029
3515-25"-11	7-821-2529
3515-25"-15	7-821-2530





3214



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

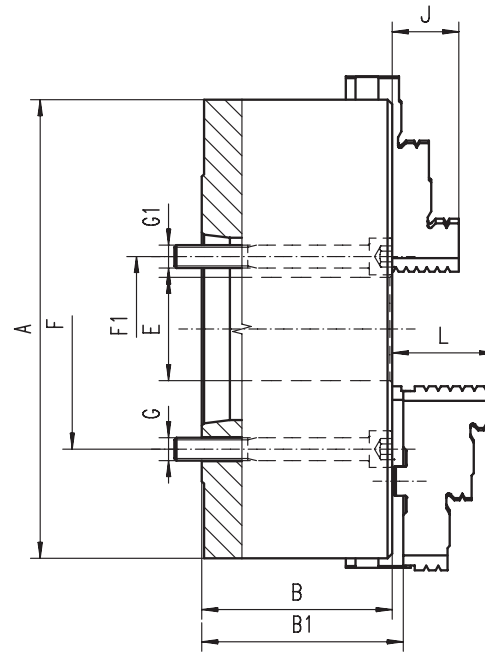


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-802-0615	3214-6"-5
7-802-0815	3214-8"-5
7-802-0816	3214-8"-6
7-802-1015	3214-10"-5
7-802-1016	3214-10"-6
7-802-1018	3214-10"-8
7-802-1216	3214-12"-6
7-802-1218	3214-12"-8
7-802-1616	3214-16"-6
7-802-1618	3214-16"-8
7-802-1619	3214-16"-11
7-802-2028	3214-20"-8
7-802-2029	3214-20"-11
7-802-2511	3214-25"-11
7-802-2515	3214-25"-15



■ Ground working surfaces

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	F1 [in]	Number of bolts	3214		3215		J [in]	L [in]	Weight [lbs]
								G	G1	G	G1			
6.30	5	3.21	3.40	1.65	-	2.44	3	-	3xM10	-	7/16-14	0.63	1.69	22.05
7.87	5	3.58	3.77	1.65	-	2.44	3	-	3xM10	-	7/16-14	1.14	1.77	41.89
7.87	6	3.58	3.77	2.17	-	3.25	3	-	3xM12	-	1/2-13	1.14	1.77	41.89
9.84	5	4.07	4.22	2.99	4.13	-	6	6xM10	-	7/16-14	-	1.34	2.09	70.55
9.84	6	4.07	4.22	2.17	-	3.25	6	-	6xM12	-	1/2-13	1.34	2.09	70.55
9.84	8	4.07	4.22	2.99	-	4.37	6	-	6xM16	-	5/8-11	1.34	2.09	70.55
12.40	6	4.63	4.83	4.06	5.25	-	6	6xM12	-	1/2-13	-	1.69	2.24	121.25
12.40	8	4.63	4.83	3.15	-	4.37	6	-	6xM16	-	5/8-11	1.69	2.24	121.25
15.75	6	5.06	5.41	4.06	5.25	-	6	6xM12	-	1/2-13	-	2.17	2.64	202.83
15.75	8	5.06	5.41	5.35	6.75	-	6	6xM16	-	5/8-11	-	2.17	2.64	202.83
15.75	11	5.06	5.41	5.12	-	6.50	6	-	6xM 20	-	3/4-10	2.17	2.64	202.83
19.69	8	5.75	6.19	5.35	6.75	-	6	6xM16	-	5/8-11	-	2.36	3.11	352.74
19.69	11	5.75	6.19	7.48	9.25	-	6	6xM20	-	3/4-10	-	2.36	3.11	352.74
24.80	11	6.50	6.92	7.48	9.25	-	6	6xM20	-	3/4-10	-	2.76	3.43	628.32
24.80	15	6.50	6.92	7.48	-	9.75	6	-	6xM24	-	7/8-9	2.76	3.43	628.32

Larger diameters available on page 82-93!

3215



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3215-6"-5	7-801-0615
3215-8"-5	7-801-0815
3215-8"-6	7-801-0816
3215-10"-5	7-801-1015
3215-10"-6	7-801-1016
3215-10"-8	7-801-1018
3215-12"-6	7-801-1216
3215-12"-8	7-801-1218
3215-16"-6	7-801-1616
3215-16"-8	7-801-1618
3215-16"-11	7-801-1619
3215-20"-8	7-801-2028
3215-20"-11	7-801-2029
3215-25"-11	7-801-2511
3215-25"-15	7-801-2515

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**3534**

Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

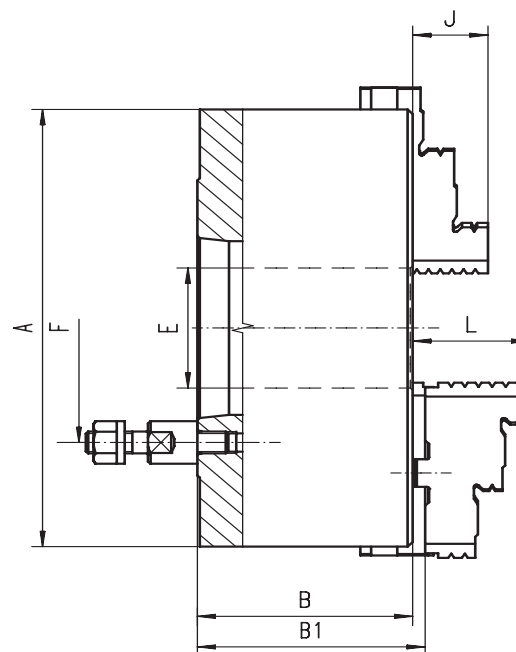


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-828-0553	3534-5"-3
7-828-0554	3534-5"-4
7-828-0654	3534-6"-4
7-828-0655	3534-6"-5
7-828-0855	3534-8"-5
7-828-0856	3534-8"-6
7-828-1056	3534-10"-6
7-828-1058	3534-10"-8
7-828-1256	3534-12"-6
7-828-1258	3534-12"-8
7-828-1259	3534-12"-11
7-828-1658	3534-16"-8
7-828-1659	3534-16"-11
7-828-2058	3534-20"-8
7-828-2059	3534-20"-11
7-828-2559	3534-25"-11
7-828-2555	3534-25"-15



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks ø20" and above have additional T-slots

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
4.92	3	2.34	2.55	1.26	2.95	3	0.79	1.57	11.02
4.92	4	2.34	2.55	1.26	3.35	3	0.79	1.57	11.02
6.30	4	2.68	2.87	1.65	3.35	3	1.26	1.69	19.84
6.30	5	2.68	2.87	1.65	4.13	4	1.26	1.69	19.84
7.87	5	3.07	3.26	2.17	4.13	4	1.14	1.77	41.89
7.87	6	3.07	3.26	2.17	5.25	4	1.14	1.77	41.89
9.84	6	3.50	3.65	2.99	5.25	4	1.34	2.09	70.55
9.84	8	3.50	3.65	2.99	6.75	4	1.34	2.09	70.55
12.40	6	3.79	3.99	4.06	5.25	4	1.69	2.24	112.44
12.40	8	3.79	3.99	4.06	6.75	4	1.69	2.24	112.44
12.40	11	4.40	4.60	4.06	9.25	6	1.69	2.24	112.44
15.75	8	4.25	4.60	5.35	6.75	4	2.17	2.64	222.67
15.75	11	4.25	4.60	5.35	9.25	6	2.17	2.64	222.67
19.69	8	4.69	5.11	5.35	6.75	4	2.36	3.11	330.69
19.69	11	4.69	5.11	7.48	9.25	6	2.36	3.11	330.69
24.80	11	5.08	5.52	7.48	9.25	6	2.76	3.43	604.07
24.80	15	5.08	5.52	9.92	13.00	6	2.76	3.43	604.07

Larger diameters available on page 82-93!

3535

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3535-5"-3	7-826-0553
3535-5"-4	7-826-0554
3535-6"-4	7-826-0654
3535-6"-5	7-826-0655
3535-8"-5	7-826-0855
3535-8"-6	7-826-0856
3535-10"-6	7-826-1056
3535-10"-8	7-826-1058
3535-12"-6	7-826-1256
3535-12"-8	7-826-1258
3535-12"-11	7-826-1259
3535-16"-8	7-826-1658
3535-16"-11	7-826-1659
3535-20"-8	7-826-2058
3535-20"-11	7-826-2059
3535-25"-11	7-826-2559
3535-25"-15	7-826-2555





3234



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

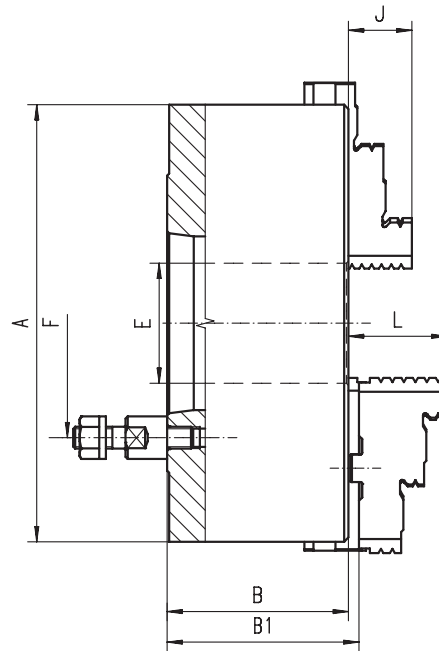


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-806-0433	3234-4"-3
7-806-0553	3234-5"-3
7-806-0554	3234-5"-4
7-806-0653	3234-6"-3
7-806-0654	3234-6"-4
7-806-0655	3234-6"-5
7-806-0656	3234-6"-6
7-806-0853	3234-8"-3
7-806-0854	3234-8"-4
7-806-0855	3234-8"-5
7-806-0856	3234-8"-6
7-806-1056	3234-10"-6
7-806-1058	3234-10"-8
7-806-1256	3234-12"-6
7-806-1258	3234-12"-8
7-806-1259	3234-12"-11
7-806-1656	3234-16"-6
7-806-1658	3234-16"-8
7-806-1659	3234-16"-11
7-806-2058	3234-20"-8
7-806-2059	3234-20"-11
7-806-2559	3234-25"-11
7-806-2555	3234-25"-15



■ Ground working surfaces

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
3.94	3	3.15	-	0.79	2.95	3	0.63	-	6.61
4.92	3	2.76	2.94	1.26	2.95	3	0.79	1.57	11.02
4.92	4	2.76	2.94	1.26	3.35	3	0.79	1.57	11.02
6.30	3	3.21	3.40	1.65	2.95	3	1.26	1.69	19.84
6.30	4	3.21	3.40	1.65	3.35	3	1.26	1.69	19.84
6.30	5	3.21	3.40	1.65	4.13	4	1.26	1.69	19.84
6.30	6	3.58	3.77	2.03	5.25	4	1.14	1.77	41.89
7.87	3	3.58	3.77	2.17	2.95	3	1.14	1.77	41.89
7.87	4	3.58	3.77	2.17	3.35	3	1.14	1.77	41.89
7.87	5	3.58	3.77	2.17	4.13	4	1.14	1.77	41.89
7.87	6	4.07	4.22	2.17	5.25	4	1.34	2.09	70.55
9.84	6	4.07	4.22	2.99	5.25	4	1.34	2.09	70.55
9.84	8	4.07	4.22	2.99	6.75	4	1.34	2.09	70.55
12.40	6	4.63	4.83	4.06	5.25	4	1.69	2.24	112.44
12.40	8	4.63	4.83	4.06	6.75	4	1.69	2.24	112.44
12.40	11	5.51	5.71	4.06	9.25	6	1.69	2.24	112.44
15.75	6	5.06	5.41	4.06	5.25	4	2.17	2.64	222.67
15.75	8	5.06	5.41	5.35	6.75	4	2.17	2.64	222.67
15.75	11	5.06	5.41	5.35	9.25	6	2.17	2.64	222.67
19.69	8	5.75	6.17	5.35	6.75	4	2.36	3.11	330.69
19.69	11	5.75	6.17	7.48	9.25	6	2.36	3.11	330.69
24.80	11	6.50	6.94	7.48	9.25	6	2.76	3.43	604.07
24.80	15	6.50	6.94	9.92	13.00	6	2.76	3.43	604.07

Larger diameters available on page 82-93!

3235



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
3235-5"-3	7-807-0553
3235-5"-4	7-807-0554
3235-6"-3	7-807-0653
3235-6"-4	7-807-0654
3235-6"-5	7-807-0655
3235-6"-6	7-807-0656
3235-8"-3	7-807-0853
3235-8"-4	7-807-0854
3235-8"-5	7-807-0855
3235-8"-6	7-807-0856
3235-10"-6	7-807-1056
3235-10"-8	7-807-1058
3235-12"-6	7-807-1256
3235-12"-8	7-807-1258
3235-12"-11	7-807-1259
3235-16"-6	7-807-1656
3235-16"-8	7-807-1658
3235-16"-11	7-807-1659
3235-20"-8	7-807-2058
3235-20"-11	7-807-2059
3235-25"-11	7-807-2559
3235-25"-15	7-807-2555

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3544



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

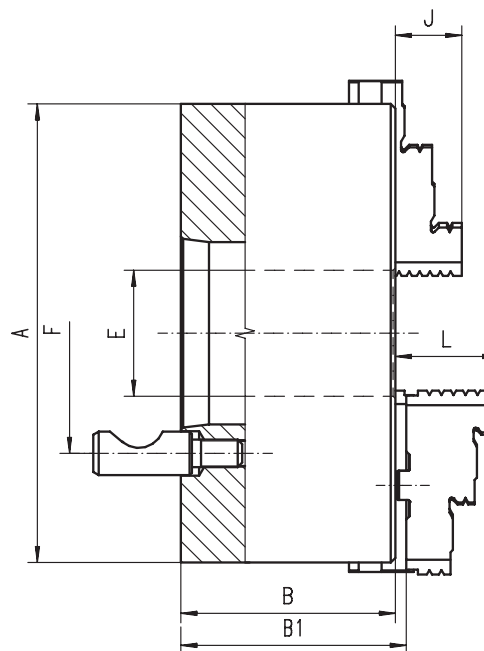


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-824-0533	3544-5"-3
7-824-0534	3544-5"-4
7-824-0633	3544-6"-3
7-824-0634	3544-6"-4
7-824-0635	3544-6"-5
7-824-0834	3544-8"-4
7-824-0835	3544-8"-5
7-824-0836	3544-8"-6
7-824-1036	3544-10"-6
7-824-1038	3544-10"-8
7-824-1236	3544-12"-6
7-824-1238	3544-12"-8
7-824-1239	3544-12"-11
7-824-1638	3544-16"-8
7-824-1639	3544-16"-11
7-824-2038	3544-20"-8
7-824-2039	3544-20"-11
7-824-2538	3544-25"-8
7-824-2539	3544-25"-11
7-824-2540	3544-25"-15



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks ø20" and above have additional T-slots

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
4.92	3	2.34	2.55	1.26	2.78	3	0.79	1.57	11.02
4.92	4	2.34	2.55	1.26	3.25	3	0.79	1.57	11.02
6.30	3	2.68	2.87	1.65	2.78	3	1.26	1.69	19.84
6.30	4	2.68	2.87	1.65	3.25	3	1.26	1.69	19.84
6.30	5	2.68	2.87	1.65	4.13	6	1.26	1.69	19.84
7.87	4	3.07	3.26	2.17	3.25	3	1.14	1.77	41.89
7.87	5	3.07	3.26	2.17	4.13	6	1.14	1.77	41.89
7.87	6	3.07	3.26	2.17	5.25	6	1.14	1.77	41.89
9.84	6	3.50	3.65	2.99	5.25	6	1.34	2.09	70.55
9.84	8	3.50	3.65	2.99	6.75	6	1.34	2.09	70.55
12.40	6	3.79	3.99	4.06	5.25	6	1.69	2.24	112.44
12.40	8	3.79	3.99	4.06	6.75	6	1.69	2.24	112.44
12.40	11	4.40	4.60	4.06	9.25	6	1.69	2.24	112.44
15.75	8	4.25	4.60	5.35	6.75	6	2.17	2.64	222.67
15.75	11	4.25	4.60	5.35	9.25	6	2.17	2.64	222.67
19.69	8	4.69	5.11	5.35	6.75	6	2.36	3.11	330.69
19.69	11	4.69	5.11	7.48	9.25	6	2.36	3.11	330.69
24.80	8	5.08	5.52	5.35	6.75	6	2.76	3.43	604.07
24.80	11	5.08	5.52	7.48	9.25	6	2.76	3.43	604.07
24.80	15	5.08	5.52	9.92	13.00	6	2.76	3.43	604.07

Larger diameters available on page 82-93!

3545



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3545-5"-3	7-823-0533
3545-5"-4	7-823-0534
3545-6"-3	7-823-0633
3545-6"-4	7-823-0634
3545-6"-5	7-823-0635
3545-8"-4	7-823-0834
3545-8"-5	7-823-0835
3545-8"-6	7-823-0836
3545-10"-6	7-823-1036
3545-10"-8	7-823-1038
3545-12"-6	7-823-1236
3545-12"-8	7-823-1238
3545-12"-11	7-823-1239
3545-16"-8	7-823-1638
3545-16"-11	7-823-1639
3545-20"-8	7-823-2038
3545-20"-11	7-823-2039
3545-25"-8	7-823-2538
3545-25"-11	7-823-2539
3545-25"-15	7-823-2540





3244



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

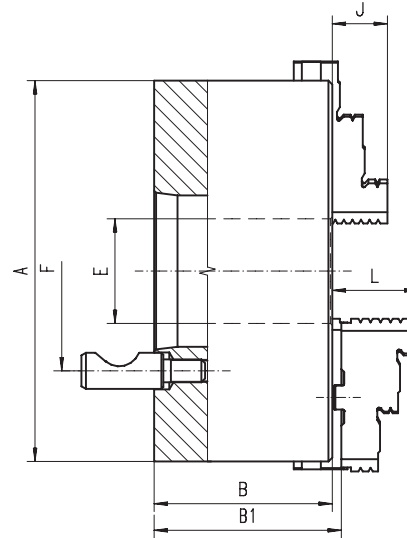


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-809-0433	3244-4"-3
7-809-0533	3244-5"-3
7-809-0534	3244-5"-4
7-809-0633	3244-6"-3
7-809-0634	3244-6"-4
7-809-0635	3244-6"-5
7-809-0833	3244-8"-3
7-809-0834	3244-8"-4
7-809-0835	3244-8"-5
7-809-0836	3244-8"-6
7-809-1035	3244-10"-5
7-809-1036	3244-10"-6
7-809-1038	3244-10"-8
7-809-1236	3244-12"-6
7-809-1238	3244-12"-8
7-809-1239	3244-12"-11
7-809-1636	3244-16"-6
7-809-1638	3244-16"-8
7-809-1639	3244-16"-11
7-809-2038	3244-20"-8
7-809-2039	3244-20"-11
7-809-2539	3244-25"-11
7-809-2540	3244-25"-15



■ Ground working surfaces

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
3.94	3	3.15	-	0.79	2.78	3	0.63	-	6.61
4.92	3	2.76	2.94	1.26	2.78	3	0.79	1.57	11.02
4.92	4	2.76	2.94	1.26	3.25	3	0.79	1.57	11.02
6.30	3	3.21	3.40	1.65	2.78	3	1.26	1.69	19.84
6.30	4	3.21	3.40	1.65	3.25	3	1.26	1.69	19.84
6.30	5	3.21	3.40	1.65	4.13	6	1.26	1.69	19.84
6.30	3	3.21	3.40	1.65	2.78	3	1.26	1.69	19.84
7.87	4	3.58	3.77	2.03	3.25	3	1.14	1.77	41.89
7.87	5	3.58	3.77	2.17	4.13	6	1.14	1.77	41.89
7.87	6	3.58	3.77	2.17	5.25	6	1.14	1.77	41.89
7.87	5	3.58	3.77	2.17	4.13	6	1.14	1.77	41.89
9.84	6	4.07	4.22	2.99	5.25	6	1.34	2.09	70.55
9.84	8	4.07	4.22	2.99	6.75	6	1.34	2.09	70.55
12.40	6	4.63	4.83	4.06	5.25	6	1.69	2.24	112.44
12.40	8	4.63	4.83	4.06	6.75	6	1.69	2.24	112.44
12.40	11	4.92	5.12	4.06	9.25	6	1.69	2.24	112.44
15.75	6	5.06	5.41	4.06	5.25	6	2.17	2.64	222.67
15.75	8	5.06	5.41	5.35	6.75	6	2.17	2.64	222.67
15.75	11	5.06	5.41	5.35	9.25	6	2.17	2.64	222.67
19.69	8	5.75	6.17	5.35	6.75	6	2.36	3.11	330.69
19.69	11	5.75	6.17	7.48	9.25	6	2.36	3.11	330.69
24.80	11	6.50	6.94	7.48	9.25	6	2.76	3.43	604.07
24.80	15	6.50	6.94	9.92	13.00	6	2.76	3.43	604.07

Larger diameters available on page 82-93!

3245



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
3245-5"-3	7-803-0533
3245-5"-4	7-803-0534
3245-6"-3	7-803-0633
3245-6"-4	7-803-0634
3245-6"-5	7-803-0635
3245-8"-3	7-803-0833
3245-8"-4	7-803-0834
3245-8"-5	7-803-0835
3245-8"-6	7-803-0836
3245-10"-5	7-803-1035
3245-10"-6	7-803-1036
3245-10"-8	7-803-1038
3245-12"-6	7-803-1236
3245-12"-8	7-803-1238
3245-12"-11	7-803-1239
3245-16"-6	7-803-1636
3245-16"-8	7-803-1638
3245-16"-11	7-803-1639
3245-20"-8	7-803-2038
3245-20"-11	7-803-2039
3245-25"-11	7-803-2539
3245-25"-15	7-803-2540

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**3574**

Standard accessories



1 Set of hard solid ID jaws



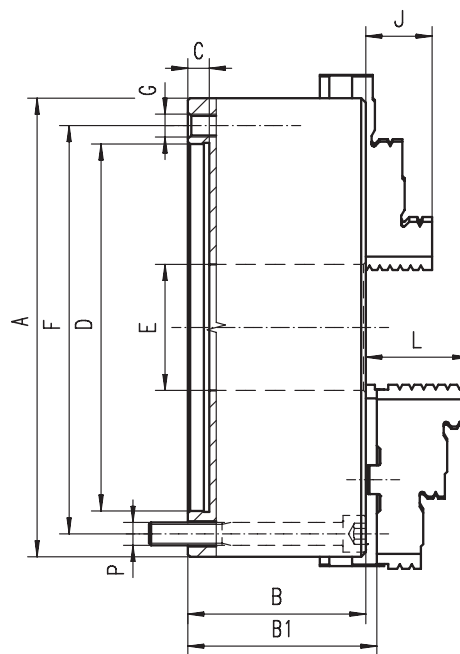
1 Set of hard solid OD jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks ø20" and above have additional T-slots
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

Code No.	Type
7-817-0300	3574-3"
7-817-0400	3574-4"
7-817-0500	3574-5"
7-817-0600	3574-6"
7-817-0800	3574-8"
7-817-1000	3574-10"
7-817-1200	3574-12"
7-817-1600	3574-16"
7-817-2000	3574-20"
7-817-2500	3574-25"

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	3574	3575	Weight [lbs]
										P		
3.15	1.73	-	0.12	2.20	0.63	2.64	3xM6	0.51	-	3xM6	3 x 1/4-20	3.31
3.94	1.97	-	0.12	2.76	0.79	3.27	3xM8	0.63	-	3xM8	3 x 5/16-18	6.17
4.92	2.34	2.53	0.16	3.74	1.40	4.25	3xM8	0.79	1.57	3xM8	3 x 5/16-18	11.02
6.30	2.68	2.87	0.16	4.92	1.65	5.51	3xM10	1.26	1.69	3xM10	3 x 3/8-16	22.05
7.87	3.07	3.26	0.16	6.30	2.17	6.93	3xM10	1.14	1.77	3xM10	3 x 3/8-16	38.58
9.84	3.50	3.65	0.20	7.87	2.99	8.82	3xM12	1.34	2.09	3xM12	3 x 1/2-13	63.93
12.40	3.83	3.99	0.20	10.24	4.06	11.26	3xM16	1.69	2.24	3xM16	3 x 5/8-11	110.23
15.75	4.29	4.60	0.20	12.99	5.35	14.25	3xM16	2.17	2.64	3xM16	3 x 5/8-11	187.39
19.69	4.69	5.11	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	6xM16	6 x 5/8-11	319.67
24.80	5.08	5.52	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	6xM16	6 x 5/8-11	551.16

Larger diameters available on page 82-93!

3575

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
-	-
3575-5"	7-813-0500
3575-6"	7-813-0600
3575-8"	7-813-0800
3575-10"	7-813-1000
3575-12"	7-813-1200
3575-16"	7-813-1600
3575-20"	7-813-2000
3575-25"	7-813-2500



Type of mounting



Material of chuck body



Number of jaws



Type of jaws



3274



Standard accessories



1 Set of hard solid ID jaws



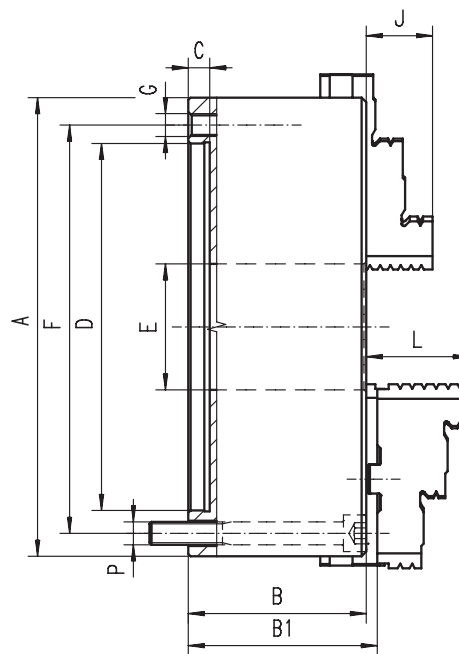
1 Set of hard solid OD jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- Ground working surfaces
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

Code No.	Type
7-811-0300	3274-3"
7-811-0400	3274-4"
7-811-0500	3274-5"
7-811-0600	3274-6"
7-811-0800	3274-8"
7-811-1000	3274-10"
7-811-1200	3274-12"
7-811-1600	3274-16"
7-811-2000	3274-20"
7-811-2500	3274-25"

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	P	Weight [lbs]
3.15	1.73	-	0.12	2.20	0.63	2.64	3xM6	0.51	-	3 x 1/4-20	3.31
3.94	1.97	-	0.12	2.76	0.79	3.27	3xM8	0.63	-	3 x 5/16-18	6.17
4.92	2.20	2.39	0.16	3.74	1.26	4.25	3xM8	0.79	1.57	3 x 5/16-18	11.02
6.30	2.54	2.73	0.16	4.92	1.65	5.51	3xM10	1.26	1.69	3 x 3/8-16	22.05
7.87	2.95	3.14	0.16	6.30	2.17	6.93	3xM10	1.14	1.77	3 x 3/8-16	38.58
9.84	3.35	3.50	0.20	7.87	2.99	8.82	3xM12	1.34	2.09	3 x 1/2-13	63.93
12.40	3.70	3.90	0.20	10.24	4.06	11.26	3xM16	1.69	2.24	3 x 5/8-11	110.23
15.75	4.13	4.48	0.20	12.99	5.35	14.25	3xM16	2.17	2.64	3 x 5/8-11	187.39
19.69	4.72	5.15	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	6 x 5/8-11	319.67
24.80	5.31	5.76	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	6 x 5/8-11	551.16

Larger diameters available on page 82-93!

3275



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
-	-
3275-5"	7-812-0500
3275-6"	7-812-0600
3275-8"	7-812-0800
3275-10"	7-812-1000
3275-12"	7-812-1200
3275-16"	7-812-1600
3275-20"	7-812-2000
3275-25"	7-812-2500

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**3255**

Standard accessories



1 Set of hard top jaws



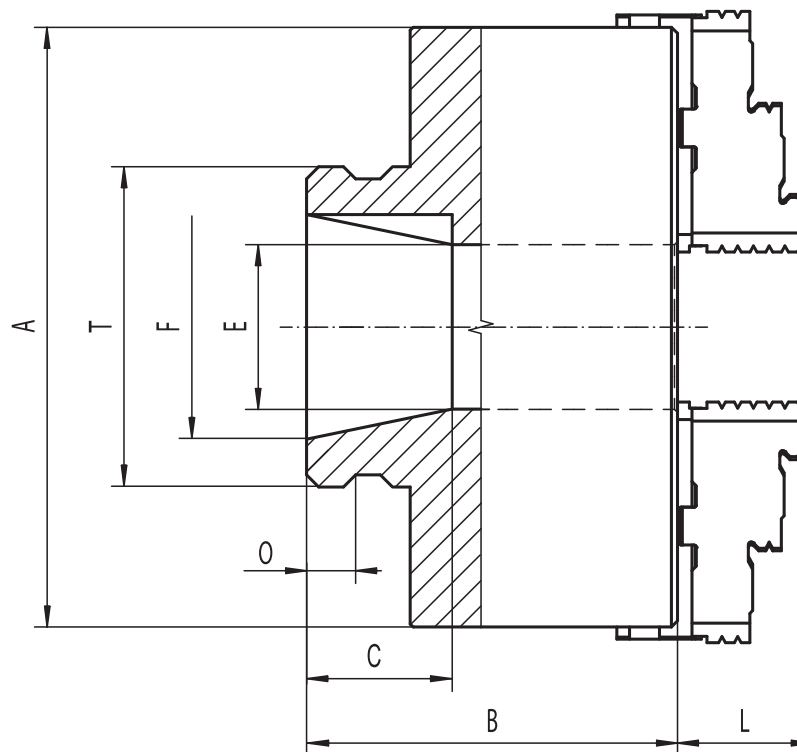
1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- Hardened and ground working surfaces
- Balanced scroll plate

Code No.	Type
7-804-0641	3255-6" L00
7-804-0642	3255-6" L0
7-804-0841	3255-8" L00
7-804-0842	3255-8" L0
7-804-0843	3255-8" L1
7-804-1042	3255-10 L0
7-804-1043	3255-10" L1
7-804-1044	3255-10" L2
7-804-1242	3255-12" L0
7-804-1243	3255-12" L1
7-804-1244	3255-12" L2
7-804-1643	3255-16" L1
7-804-1644	3255-16" L2

A [in]	Taper size	B [in]	C [in]	E [in]	E max [in]	F [in]	L [in]	O [in]	T [in]	Weight [lbs]
6.30	L00	4.06	2.13	1.65	1.81	2-3/4	1.69	0.55	3-3/4 - 6	23
6.30	L0	4.45	2.52	1.65	1.81	3-1/4	1.69	0.59	4-1/2 - 6	23
7.87	L00	4.37	2.13	2.17	2.50	2-3/4	1.77	0.55	3-3/4 - 6	42
7.87	L0	4.76	2.52	2.17	2.56	3-1/4	1.77	0.59	4-1/2 - 6	42
7.87	L1	5.24	2.99	2.17	2.56	4-1/8	1.77	0.63	6 - 6	42
9.84	L0	5.04	2.52	2.99	2.99	3-1/4	2.09	0.59	4-1/2 - 6	64
9.84	L1	5.51	2.99	2.99	3.46	4-1/8	2.09	0.63	6 - 6	64
9.84	L2	6.02	3.50	2.99	3.46	5-1/4	2.09	0.87	7-3/4 - 5	64
12.40	L0	5.39	2.52	4.06	4.06	3-1/4	2.24	0.59	4-1/2 - 6	134
12.40	L1	5.87	2.99	4.06	4.33	4-1/8	2.24	0.63	6 - 6	134
12.40	L2	6.38	3.50	4.06	4.33	5-1/4	2.24	0.87	7-3/4 - 5	134
15.75	L1	6.18	2.99	4.06	4.06	4-1/8	2.64	0.63	6 - 6	251
15.75	L2	6.69	3.50	4.06	4.06	5-1/4	2.64	0.87	7-3/4 - 5	251

Larger diameters available on page 82-93!



Type of mounting



Material of chuck body



Number of jaws



Type of jaws



3284



Standard accessories



1 Set of hard solid ID jaws



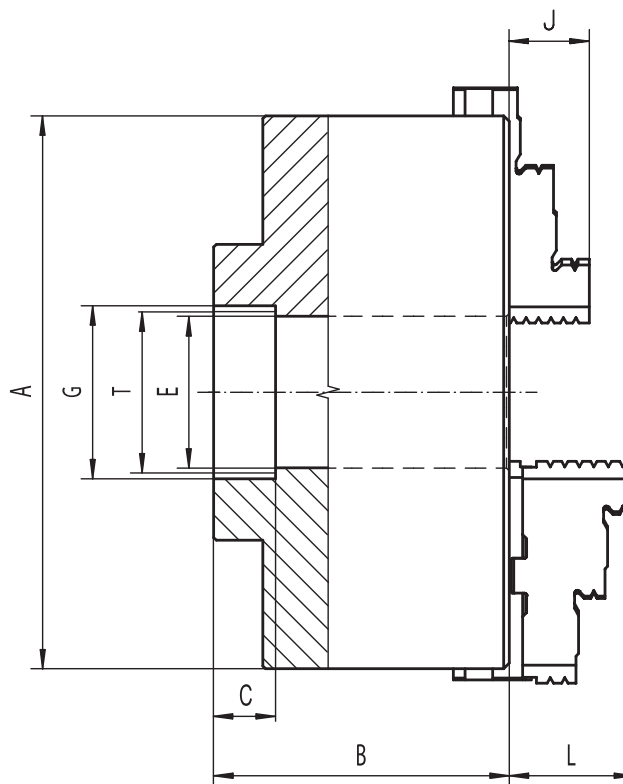
1 Set of hard solid OD jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- Hardened and ground working surfaces
- Balanced scroll plate

Code No.	Type
7-805-0451	3284-4"-1"-10
7-805-0452	3284-4"-1-1/2"-8
-	-
-	-
-	-
-	-
-	-
-	-
-	-

A [in]	B [in]	C [in]	E [in]	G [in]	J [in]	L [in]	T [in]	Weight [lbs]
3.94	3.54	0.50	0.79	1.015	0.63	-	1 - 10	8.8
3.94	3.54	0.50	0.79	1.515	0.63	-	1-1/2 - 8	8.8
4.92	3.74	0.50	1.26	1.015	-	1.57	1 - 10	12.0
4.92	3.74	0.50	1.26	1.515	-	1.57	1-1/2 - 8	12.0
6.30	4.13	0.50	1.65	1.515	-	1.69	1-1/2 - 8	23.0
6.30	4.33	0.625	1.65	2.260	-	1.69	2-1/4 - 8	23.0
7.87	4.53	0.50	2.17	1.515	-	1.77	1-1/2 - 8	45.0
7.87	4.72	0.625	2.17	2.260	-	1.77	2-1/4 - 8	45.0
7.87	4.92	0.75	2.17	2.385	-	1.77	2-3/8 - 6	45.0
9.84	5.51	0.625	2.99	2.260	-	2.09	2-1/4 - 8	75.0

Larger diameters available on page 82-93!

3285



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
-	-
3285-5"-1"-10	7-805-0551
3285-5"-1-1/2"-8	7-805-0552
3285-6"-1-1/2"-8	7-805-0652
3285-6"-2-1/4"-8	7-805-0653
3285-8"-1-1/2"-8	7-805-0852
3285-8"-2-1/4"-8	7-805-0853
3285-8"-2-3/8"-6	7-805-0854
3285-10"-2-1/4"-8	7-805-1053

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**3704**

Standard accessories



1 Set of hard solid ID jaws



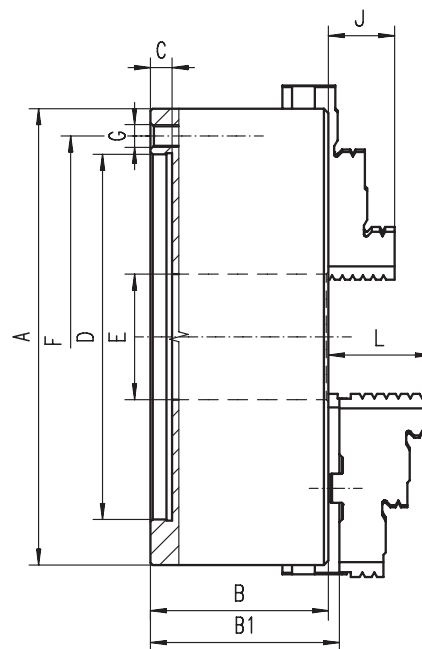
1 Set of hard solid OD jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148



- Hardened and ground working surfaces
- Balanced scroll plate

Code No.	Type
7-842-0400	3704-4"
7-842-0500	3704-5"
7-842-0600	3704-6"
7-842-0800	3704-8"
7-842-1000	3704-10"
7-842-1200	3704-12"
7-842-1600	3704-16"
7-842-2000	3704-20"
7-842-2500	3704-25"

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
3.94	1.97	-	0.12	2.76	0.79	3.27	3xM8	0.63	-	6.17
4.92	2.34	2.53	0.16	3.74	1.40	4.25	3xM8	0.79	1.57	11.02
6.30	2.68	2.87	0.16	4.92	1.65	5.51	6xM10	1.26	1.69	22.05
7.87	3.07	3.26	0.16	6.30	2.17	6.93	6xM10	1.14	1.77	38.58
9.84	3.50	3.65	0.20	7.87	2.99	8.82	6xM12	1.34	2.09	63.93
12.40	3.83	3.99	0.20	10.24	4.06	11.26	6xM16	1.69	2.24	110.23
15.75	4.29	4.60	0.20	12.99	5.35	14.25	6xM16	2.17	2.64	187.39
19.69	4.69	5.11	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	319.67
24.80	5.08	5.52	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	551.16

Larger diameters available on page 82-93!

3705

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
3705-5"	7-841-0500
3705-6"	7-841-0600
3705-8"	7-841-0800
3705-10"	7-841-1000
3705-12"	7-841-1200
3705-16"	7-841-1600
3705-20"	7-841-2000
3705-25"	7-841-2500



Type of mounting



Material of chuck body



Number of jaws



Type of jaws



3604



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

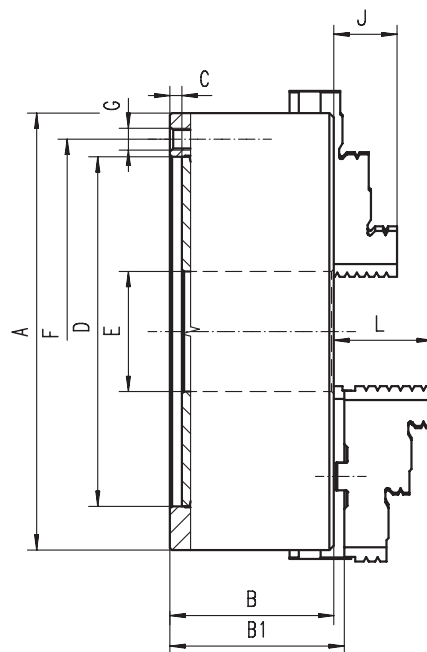


1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-845-0500	3604-5"
7-845-0600	3604-6"
7-845-0800	3604-8"
7-845-1000	3604-10"
7-845-1200	3604-12"
7-845-1600	3604-16"
7-845-2000	3604-20"
7-845-2500	3604-25"



■ Ground working surfaces

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
4.92	2.20	2.39	0.16	3.74	1.26	4.25	3xM8	0.79	1.57	11.02
6.30	2.54	2.73	0.16	4.92	1.65	5.51	6xM10	1.26	1.69	22.05
7.87	2.95	3.14	0.16	6.30	2.17	6.93	6xM10	1.14	1.77	38.58
9.84	3.35	3.50	0.20	7.87	2.99	8.82	6xM12	1.34	2.09	63.93
12.40	3.70	3.90	0.20	10.24	4.06	11.26	6xM16	1.69	2.24	110.23
15.75	4.13	4.48	0.20	12.99	5.35	14.25	6xM16	2.17	2.64	187.39
19.69	4.72	5.15	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	319.67
24.80	5.31	5.76	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	551.16

Larger diameters available on page 82-93!

3605



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

Type	Code No.
3605-5"	7-840-0500
3605-6"	7-840-0600
3605-8"	7-840-0800
3605-10"	7-840-1000
3605-12"	7-840-1200
3605-16"	7-840-1600
3605-20"	7-840-2000
3605-25"	7-840-2500

3714

Standard accessories



1 Set of hard solid ID jaws



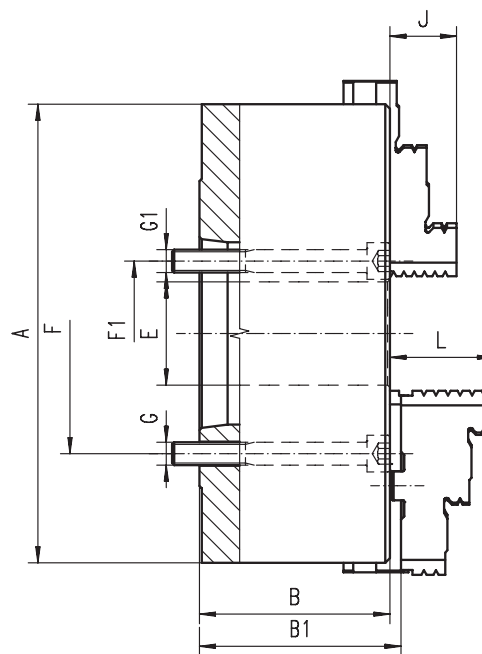
1 Set of hard solid OD jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- Hardened and ground working surfaces
- Balanced scroll plate

Code No.	Type
7-831-06152	3714-6"-5
7-831-08152	3714-8"-5
7-831-08162	3714-8"-6
7-831-10152	3714-10"-5
7-831-10162	3714-10"-6
7-831-10182	3714-10"-8
7-831-12162	3714-12"-6
7-831-12182	3714-12"-8
7-831-16162	3714-16"-6
7-831-16182	3714-16"-8
7-831-16192	3714-16"-11
7-831-20182	3714-20"-8
7-831-20192	3714-20"-11
7-831-25192	3714-25"-11

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	F1 [in]	Number of bolts	G	G1	J [in]	L [in]	Weight [lbs]
6.30	5	2.68	2.87	1.65	-	2.44	4	-	4xM10	1.26	1.69	22.05
7.87	5	3.07	3.26	1.65	-	2.44	4	-	4xM10	1.14	1.77	41.89
7.87	6	3.07	3.26	2.17	-	3.25	4	-	4xM12	1.14	1.77	41.89
9.84	5	3.50	3.65	2.99	4.13	-	8	8xM10	-	1.34	2.09	70.55
9.84	6	3.50	3.65	2.17	-	3.25	4	-	4xM12	1.34	2.09	70.55
9.84	8	3.50	3.65	2.99	-	4.37	4	-	4xM16	1.34	2.09	70.55
12.40	6	3.79	3.99	4.06	5.25	-	8	8xM12	-	1.69	2.24	121.25
12.40	8	3.79	3.99	3.15	-	4.37	4	-	4xM16	1.69	2.24	121.25
15.75	6	4.25	4.60	4.06	5.25	-	8	8xM12	-	2.17	2.64	202.83
15.75	8	4.25	4.60	5.35	6.75	-	8	8xM16	-	2.17	2.64	202.83
15.75	11	4.25	4.60	5.12	-	6.50	8	-	8xM20	2.17	2.64	202.83
19.69	8	4.65	5.07	5.35	6.75	-	8	8xM16	-	2.36	3.11	363.76
19.69	11	4.65	5.07	7.48	9.25	-	8	8xM20	-	2.36	3.11	341.72
24.80	11	5.08	5.52	7.48	9.25	-	8	8xM20	-	2.76	3.43	628.32

Larger diameters available on page 82-93!

3715

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3715-6"-5	7-831-0615
3715-8"-5	7-831-0815
3715-8"-6	7-831-0816
3715-10"-5	7-831-1015
3715-10"-6	7-831-1016
3715-10"-8	7-831-1018
3715-12"-6	7-831-1216
3715-12"-8	7-831-1218
3715-16"-6	7-831-1616
3715-16"-8	7-831-1618
3715-16"-11	7-831-1619
3715-20"-8	7-831-2018
3715-20"-11	7-831-2019
3715-25"-11	7-831-2519





3614



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

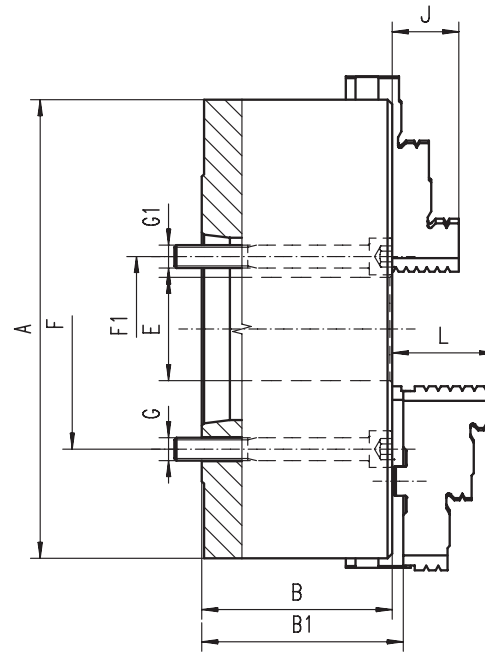


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-832-08162	3614-8"-6
7-832-10152	3614-10"-5
7-832-10162	3614-10"-6
7-832-10182	3614-10"-8
7-832-12162	3614-12"-6
7-832-12182	3614-12"-8
7-832-16162	3614-16"-6
7-832-16182	3614-16"-8
7-832-16192	3614-16"-11
7-832-20182	3614-20"-8
7-832-20192	3614-20"-11
7-832-25192	3614-25"-11
7-832-25152	3614-25"-15



■ Ground working surfaces

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	F1 [in]	Number of bolts	G	G1	J [in]	L [in]	Weight [lbs]
7.87	6	3.58	3.77	2.17	-	3.25	4	-	4xM12	1.14	1.77	41.89
9.84	5	4.07	4.22	2.99	4.13	-	4	4xM10	-	1.34	2.09	70.55
9.84	6	4.07	4.22	2.17	-	3.25	4	-	4xM12	1.34	2.09	70.55
9.84	8	4.07	4.22	2.99	6.75	-	4	4xM16	-	1.34	2.09	70.55
12.40	6	4.63	4.83	4.06	5.25	-	8	8xM12	-	1.69	2.24	121.25
12.40	8	4.63	4.83	3.15	-	4.37	4	-	4xM16	1.69	2.24	121.25
15.75	6	5.06	5.41	4.06	5.25	-	8	8xM12	-	2.17	2.64	202.83
15.75	8	5.06	5.41	5.35	6.75	-	8	8xM16	-	2.17	2.64	202.83
15.75	11	5.06	5.41	5.12	-	6.50	4	-	4xM20	2.17	2.64	202.83
19.69	8	5.75	6.19	5.35	6.75	-	8	8xM16	-	2.36	3.11	352.74
19.69	11	5.75	6.19	7.48	9.25	-	4	4xM20	-	2.36	3.11	352.74
24.80	11	5.08	5.52	7.48	9.25	-	8	8xM20	-	2.76	3.43	629.42
24.80	15	5.08	5.52	9.92	13.00	-	4	4xM24	-	2.76	3.43	629.42

Larger diameters available on page 82-93!

3615



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3615-8"-6	7-832-0816
3615-10"-5	7-832-1015
3615-10"-6	7-832-1016
3615-10"-8	7-832-1018
3615-12"-6	7-832-1216
3615-12"-8	7-832-1218
3615-16"-6	7-832-1616
3615-16"-8	7-832-1618
3615-16"-11	7-832-1619
3615-20"-8	7-832-2018
3615-20"-11	7-832-2019
3615-25"-11	7-832-2519
3615-25"-15	7-832-2515

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**3734**

Standard accessories



1 Set of hard solid ID jaws



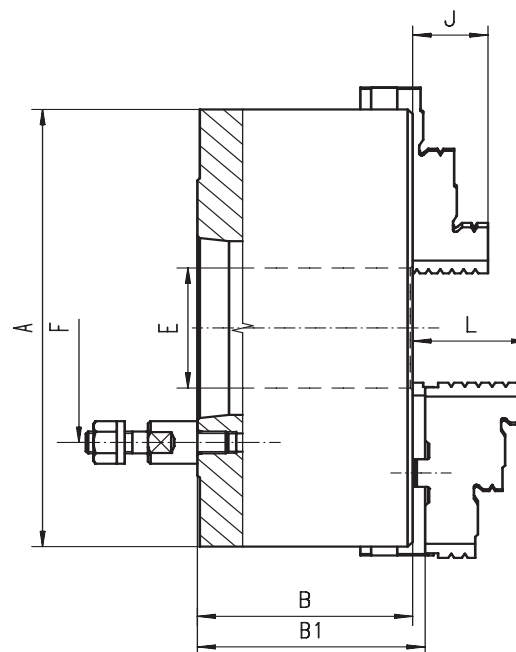
1 Set of hard solid OD jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- Hardened and ground working surfaces
- Balanced scroll plate

Code No.	Type
7-833-05532	3734-5"-3
7-833-05542	3734-5"-4
7-833-06542	3734-6"-4
7-833-06552	3734-6"-5
7-833-08552	3734-8"-5
7-833-08562	3734-8"-6
7-833-10562	3734-10"-6
7-833-10582	3734-10"-8
7-833-12562	3734-12"-6
7-833-12582	3734-12"-8
7-833-12592	3734-12"-11
7-833-16582	3734-16"-8
7-833-16592	3734-16"-11
7-833-20582	3734-20"-8
7-833-20592	3734-20"-11
7-833-25592	3734-25"-11
7-833-25552	3734-25"-15

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
4.92	3	2.34	2.55	1.26	2.95	3	0.79	1.57	11.02
4.92	4	2.34	2.55	1.26	3.35	3	0.79	1.57	11.02
6.30	4	2.68	2.87	1.65	3.35	3	1.26	1.69	19.84
6.30	5	2.68	2.87	1.65	4.13	4	1.26	1.69	19.84
7.87	5	3.07	3.26	2.17	4.13	4	1.14	1.77	41.89
7.87	6	3.07	3.26	2.17	5.25	4	1.14	1.77	41.89
9.84	6	3.50	3.65	2.99	5.25	4	1.34	2.09	70.55
9.84	8	3.50	3.65	2.99	6.75	4	1.34	2.09	70.55
12.40	6	3.79	3.99	4.06	5.25	4	1.69	2.24	112.44
12.40	8	3.79	3.99	4.06	6.75	4	1.69	2.24	112.44
12.40	11	3.79	3.99	4.06	9.25	6	1.69	2.24	112.44
15.75	8	4.25	4.60	5.35	6.75	4	2.17	2.64	222.67
15.75	11	4.25	4.60	5.35	9.25	6	2.17	2.64	222.67
19.69	8	4.69	5.11	5.35	6.75	4	2.36	3.11	330.69
19.69	11	4.69	5.11	7.48	9.25	6	2.36	3.11	330.69
24.80	11	5.08	5.52	7.48	9.25	6	2.76	3.43	604.07
24.80	15	5.08	5.52	9.92	13.00	6	2.76	3.43	604.07

Larger diameters available on page 82-93!

3735

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3735-5"-3	7-833-0553
3735-5"-4	7-833-0554
3735-6"-4	7-833-0654
3735-6"-5	7-833-0655
3735-8"-5	7-833-0855
3735-8"-6	7-833-0856
3735-10"-6	7-833-1056
3735-10"-8	7-833-1058
3735-12"-6	7-833-1256
3735-12"-8	7-833-1258
3735-12"-11	7-833-1259
3735-16"-8	7-833-1658
3735-16"-11	7-833-1659
3735-20"-8	7-833-2058
3735-20"-11	7-833-2059
3735-25"-11	7-833-2559
3735-25"-15	7-833-2555



Type of mounting



Material of chuck body



Number of jaws



Type of jaws



3634



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

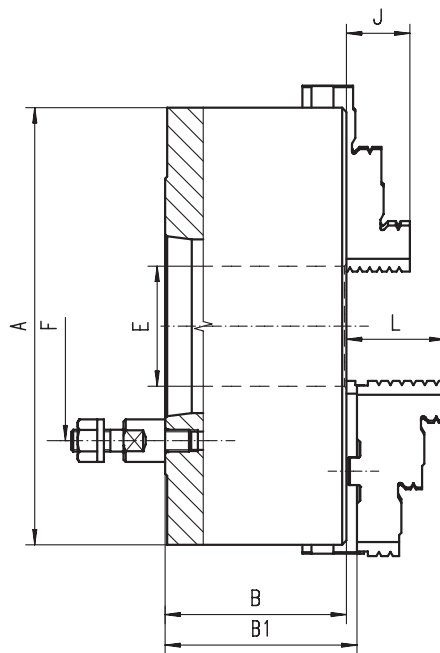


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-834-05532	3634-5"-3
7-834-05542	3634-5"-4
7-834-06532	3634-6"-3
7-834-06542	3634-6"-4
7-834-06552	3634-6"-5
7-834-06562	3634-6"-6
7-834-08532	3634-8"-3
7-834-08542	3634-8"-4
7-834-08552	3634-8"-5
7-834-08562	3634-8"-6
7-834-10562	3634-10"-6
7-834-10582	3634-10"-8
7-834-12562	3634-12"-6
7-834-12582	3634-12"-8
7-834-16562	3634-16"-6
7-834-16582	3634-16"-8
7-834-16592	3634-16"-11
7-834-20582	3634-20"-8
7-834-20592	3634-20"-11
7-834-25592	3634-25"-11
7-834-25552	3634-25"-15



■ Ground working surfaces

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
4.92	3	2.76	2.94	1.26	2.95	3	0.79	1.57	11.02
4.92	4	2.76	2.94	1.26	3.35	3	0.79	1.57	11.02
6.30	3	3.21	3.40	1.65	2.95	3	1.26	1.69	19.84
6.30	4	3.21	3.40	1.65	3.35	3	1.26	1.69	19.84
6.30	5	3.21	3.40	1.65	4.13	4	1.26	1.69	19.84
6.30	6	3.91	3.40	1.65	5.25	4	1.26	1.69	19.84
7.87	3	3.58	3.77	2.03	2.95	3	1.14	1.77	41.89
7.87	4	3.58	3.77	2.17	3.35	3	1.14	1.77	41.89
7.87	5	3.58	3.77	2.17	4.13	4	1.14	1.77	41.89
7.87	6	3.58	3.77	2.17	5.25	4	1.14	1.77	41.89
9.84	6	4.07	4.22	2.99	5.25	4	1.34	2.09	70.55
9.84	8	4.07	4.22	2.99	6.75	4	1.34	2.09	70.55
12.40	6	4.63	4.83	4.06	5.25	4	1.69	2.24	112.44
12.40	8	4.63	4.83	4.06	6.75	4	1.69	2.24	112.44
15.75	6	5.06	5.41	4.06	5.25	4	2.17	2.64	222.67
15.75	8	5.06	5.41	5.35	6.75	4	2.17	2.64	222.67
15.75	11	5.06	5.41	5.35	9.25	6	2.17	2.64	222.67
19.69	8	5.75	6.17	5.35	6.75	4	2.36	3.11	330.69
19.69	11	5.75	6.17	7.48	9.25	6	2.36	3.11	330.69
24.80	11	5.08	5.52	0.75	9.25	6	2.76	3.43	604.07
24.80	15	5.08	5.52	9.92	13.00	6	2.76	3.43	604.07

Larger diameters available on page 82-93!

3635



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3635-5"-3	7-834-0553
3635-5"-4	7-834-0554
3635-6"-3	7-834-0653
3635-6"-4	7-834-0654
3635-6"-5	7-834-0655
3635-6"-6	7-834-0656
3635-8"-3	7-834-0853
3635-8"-4	7-834-0854
3635-8"-5	7-834-0855
3635-8"-6	7-834-0856
3635-10"-6	7-834-1056
3635-10"-8	7-834-1058
3635-12"-6	7-834-1256
3635-12"-8	7-834-1258
3635-16"-6	7-834-1656
3635-16"-8	7-834-1658
3635-16"-11	7-834-1659
3635-20"-8	7-834-2058
3635-20"-11	7-834-2059
3635-25"-11	7-834-2559
3635-25"-15	7-834-2555

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**3744**

Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

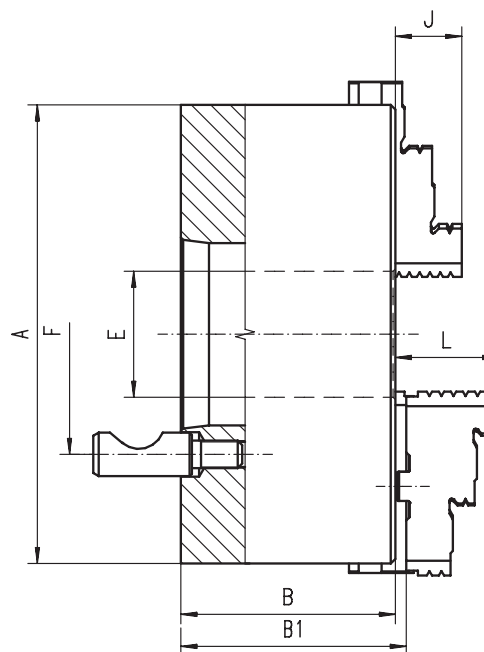


1 Wrench

Spare parts 99-141

Technical data 142-148

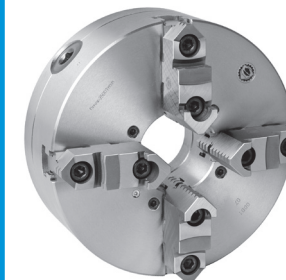
Code No.	Type
7-835-05332	3744-5"-3
7-835-05342	3744-5"-4
7-835-06332	3744-6"-3
7-835-06342	3744-6"-4
7-835-06352	3744-6"-5
7-835-08342	3744-8"-4
7-835-08352	3744-8"-5
7-835-08362	3744-8"-6
7-835-10362	3744-10"-6
7-835-10382	3744-10"-8
7-835-12362	3744-12"-6
7-835-12382	3744-12"-8
7-835-16382	3744-16"-8
7-835-16392	3744-16"-11
7-835-20382	3744-20"-8
7-835-20392	3744-20"-11
7-835-25392	3744-25"-11
7-835-25352	3744-25"-15



- Hardened and ground working surfaces
- Balanced scroll plate

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
4.92	3	2.34	2.55	1.26	2.78	3	0.79	1.57	11.02
4.92	4	2.34	2.55	1.26	3.25	3	0.79	1.57	11.02
6.30	3	2.68	2.87	1.65	2.78	3	1.26	1.69	19.84
6.30	4	2.68	2.87	1.65	3.25	3	1.26	1.69	19.84
6.30	5	2.68	2.87	1.65	4.13	6	1.26	1.69	19.84
7.87	4	3.07	3.26	2.17	3.25	3	1.14	1.77	41.89
7.87	5	3.07	3.26	2.17	4.13	6	1.14	1.77	41.89
7.87	6	3.07	3.26	2.17	5.25	6	1.14	1.77	41.89
9.84	6	3.50	3.65	2.99	5.25	6	1.34	2.09	70.55
9.84	8	3.50	3.65	2.99	6.75	6	1.34	2.09	70.55
12.40	6	3.79	3.99	4.06	5.25	6	1.69	2.24	112.44
12.40	8	3.79	3.99	4.06	6.75	6	1.69	2.24	112.44
15.75	8	4.25	4.60	5.35	6.75	6	2.17	2.64	222.67
15.75	11	4.25	4.60	5.35	9.25	6	2.17	2.64	222.67
19.69	8	4.69	5.11	5.35	6.75	6	2.36	3.11	330.69
19.69	11	4.69	5.11	7.48	9.25	6	2.36	3.11	330.69
24.80	11	5.08	5.52	7.48	9.25	6	2.76	3.43	604.07
24.80	15	5.08	5.52	9.92	13.00	6	2.76	3.43	604.07

Larger diameters available on page 82-93!

3745

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3745-5"-3	7-835-0533
3745-5"-4	7-835-0534
3745-6"-3	7-835-0633
3745-6"-4	7-835-0634
3745-6"-5	7-835-0635
3745-8"-4	7-835-0834
3745-8"-5	7-835-0835
3745-8"-6	7-835-0836
3745-10"-6	7-835-1036
3745-10"-8	7-835-1038
3745-12"-6	7-835-1236
3745-12"-8	7-835-1238
3745-16"-8	7-835-1638
3745-16"-11	7-835-1639
3745-20"-8	7-835-2038
3745-20"-11	7-835-2039
3745-25"-11	7-835-2539
3745-25"-15	7-835-2535





3644



Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws

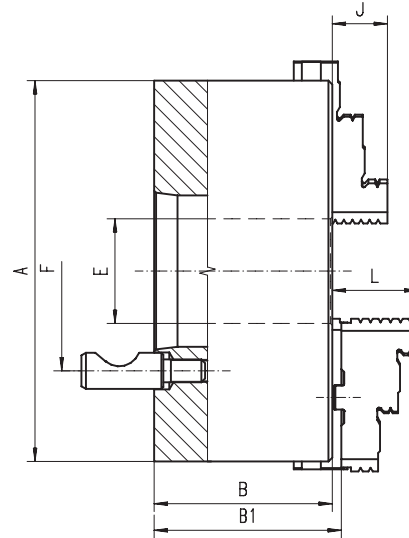


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-836-05332	3644-5"-3
7-836-05342	3644-5"-4
7-836-06332	3644-6"-3
7-836-06342	3644-6"-4
7-836-06352	3644-6"-5
7-836-08332	3644-8"-3
7-836-08342	3644-8"-4
7-836-08352	3644-8"-5
7-836-08362	3644-8"-6
7-836-10352	3644-10"-5
7-836-10362	3644-10"-6
7-836-10382	3644-10"-8
7-836-12362	3644-12"-6
7-836-12382	3644-12"-8
7-836-16362	3644-16"-6
7-836-16382	3644-16"-8
7-836-16392	3644-16"-11
7-836-20382	3644-20"-8
7-836-20392	3644-20"-11
7-836-25392	3644-25"-11
7-836-25352	3644-25"-15



■ Ground working surfaces

A [in]	Taper Size	B [in]	B1 [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
4.92	3	2.76	2.94	1.26	2.78	3	0.79	1.57	11.02
4.92	4	2.76	2.94	1.26	3.25	3	0.79	1.57	11.02
6.30	3	3.21	3.40	1.65	2.78	3	1.26	1.69	19.84
6.30	4	3.21	3.40	1.65	3.25	3	1.26	1.69	19.84
6.30	5	3.21	3.40	1.65	4.13	6	1.26	1.69	19.84
7.87	3	3.58	3.77	2.03	2.78	3	1.14	1.77	41.89
7.87	4	3.58	3.77	2.17	3.25	3	1.14	1.77	41.89
7.87	5	3.58	3.77	2.17	4.13	6	1.14	1.77	41.89
7.87	6	3.58	3.77	2.17	5.25	6	1.14	1.77	41.89
9.84	5	4.07	4.22	2.99	4.13	6	1.34	2.09	70.55
9.84	6	4.07	4.22	2.99	5.25	6	1.34	2.09	70.55
9.84	8	4.07	4.22	2.99	6.75	6	1.34	2.09	70.55
12.40	6	4.63	4.83	4.06	5.25	6	1.69	2.24	112.44
12.40	8	4.63	4.83	4.06	6.75	6	1.69	2.24	112.44
15.75	6	5.06	5.41	4.06	5.25	6	2.17	2.64	222.67
15.75	8	5.06	5.41	5.35	6.75	6	2.17	2.64	222.67
15.75	11	5.06	5.41	5.35	9.25	6	2.17	2.64	222.67
19.69	8	5.75	6.17	5.35	6.75	6	2.36	3.11	330.69
19.69	11	5.75	6.17	7.48	9.25	6	2.36	3.11	330.69
24.80	11	5.08	5.52	0.75	9.25	6	2.76	3.43	604.07
24.80	15	5.08	5.52	9.92	13.00	6	2.76	3.43	604.07

Larger diameters available on page 82-93!

3645



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3645-5"-3	7-836-0533
3645-5"-4	7-836-0534
3645-6"-3	7-836-0633
3645-6"-4	7-836-0634
3645-6"-5	7-836-0635
3645-8"-3	7-836-0833
3645-8"-4	7-836-0834
3645-8"-5	7-836-0835
3645-8"-6	7-836-0836
3645-10"-5	7-836-1035
3645-10"-6	7-836-1036
3645-10"-8	7-836-1038
3645-12"-6	7-836-1236
3645-12"-8	7-836-1238
3645-16"-6	7-836-1636
3645-16"-8	7-836-1638
3645-16"-11	7-836-1639
3645-20"-8	7-836-2038
3645-20"-11	7-836-2039
3645-25"-11	7-836-2539
3645-25"-15	7-836-2535

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**3774**

Standard accessories



1 Set of hard solid ID jaws



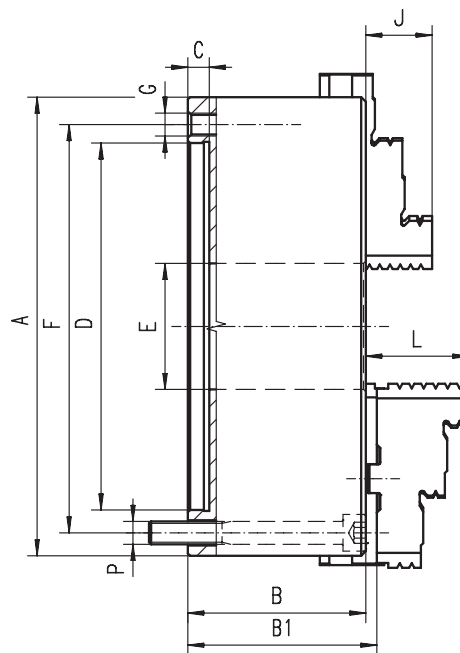
1 Set of hard solid OD jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- Hardened and ground working surfaces
- Balanced scroll plate
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

Code No.	Type
7-844-0500	3774-5"
7-844-0600	3774-6"
7-844-0800	3774-8"
7-844-1000	3774-10"
7-844-1200	3774-12"
7-844-1600	3774-16"
7-844-2000	3774-20"
7-844-2500	3774-25"

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	3774 P	3775	Weight [lbs]
4.92	2.34	2.53	0.16	3.74	1.40	4.25	3xM8	0.79	1.57	3xM8	3 x 5/16-18	11.02
6.30	2.68	2.87	0.16	4.92	1.65	5.51	3xM10	1.26	1.69	3xM10	3 x 3/8-16	22.05
7.87	3.07	3.26	0.16	6.30	2.17	6.93	3xM10	1.14	1.77	3xM10	3 x 3/8-16	38.58
9.84	3.50	3.65	0.20	7.87	2.99	8.82	3xM12	1.34	2.09	3xM12	3 x 1/2-13	63.93
12.40	3.83	3.99	0.20	10.24	4.06	11.26	3xM16	1.69	2.24	3xM16	3 x 5/8-11	110.23
15.75	4.29	4.60	0.20	12.99	5.35	14.25	3xM16	2.17	2.64	3xM16	3 x 5/8-11	187.39
19.69	4.69	5.11	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	6xM16	6 x 5/8-11	319.67
24.80	5.08	5.52	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	6xM16	6 x 5/8-11	551.16

Larger diameters available on page 82-93!

3775

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

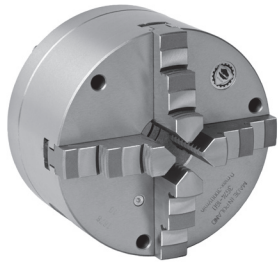
Technical data 142-148

Type	Code No.
3774-5"	7-841-1050
3774-6"	7-841-1060
3774-8"	7-841-1080
3774-10"	7-841-1100
3774-12"	7-841-1120
3774-16"	7-841-1160
3774-20"	7-841-1200
3774-25"	7-841-1250





3674



Standard accessories

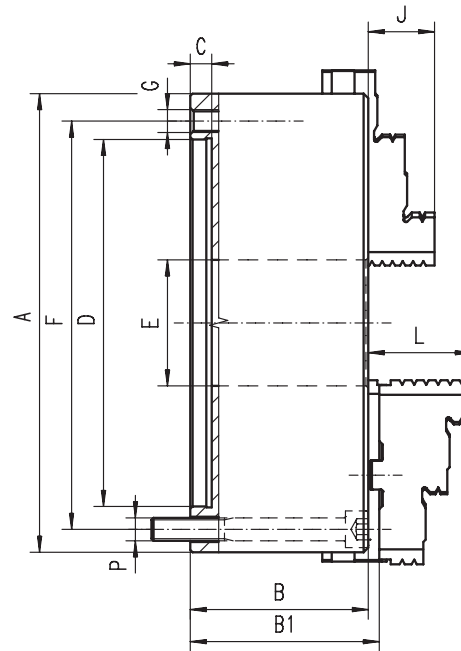
1 Set of hard solid ID jaws

1 Set of hard solid OD jaws

1 Wrench

Spare parts 99-141

Technical data 142-148



- Ground working surfaces
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

Code No.	Type
7-815-0500	3674-5"
7-815-0600	3674-6"
7-815-0800	3674-8"
7-815-1000	3674-10"
7-815-1200	3674-12"
7-815-1600	3674-16"
7-815-2000	3674-20"
7-815-2500	3674-25"

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	3674	3675	Weight [lbs]
											P	
4.92	2.20	2.39	0.16	3.74	1.26	4.25	3xM8	0.79	1.57	3xM8	3 x 5/16-18	11.02
6.30	2.54	2.73	0.16	4.92	1.65	5.51	3xM10	1.26	1.69	3xM10	3 x 3/8-16	22.05
7.87	2.95	3.14	0.16	6.30	2.17	6.93	3xM10	1.14	1.77	3xM10	3 x 3/8-16	38.58
9.84	3.35	3.50	0.20	7.87	2.99	8.82	3xM12	1.34	2.09	3xM12	3 x 1/2-13	63.93
12.40	3.70	3.90	0.20	10.24	4.06	11.26	3xM16	1.69	2.24	3xM16	3 x 5/8-11	110.23
15.75	4.13	4.48	0.20	12.99	5.35	14.25	3xM16	2.17	2.64	3xM16	3 x 5/8-11	187.39
19.69	4.69	5.11	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	6xM16	6 x 5/8-11	319.67
24.80	5.08	5.52	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	6xM16	6 x 5/8-11	551.16

Larger diameters available on page 82-93!

3675



Standard accessories

1 Set of hard top jaws

1 Set of hard master jaws

1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3675-5"	7-814-0500
3675-6"	7-814-0600
3675-8"	7-814-0800
3675-10"	7-814-1000
3675-12"	7-814-1200
3675-16"	7-814-1600
3675-20"	7-814-2000
3675-25"	7-814-2500

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**3806**

Standard accessories



1 Set of hard solid ID jaws



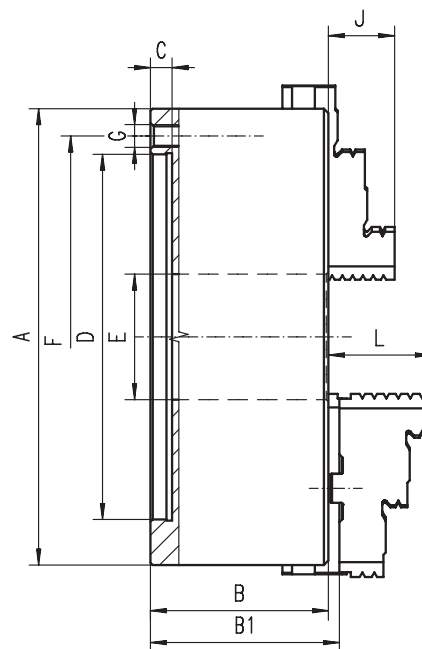
1 Set of hard solid OD jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



■ Hardened and ground working surfaces

■ Balanced scroll plate

Code No.	Type
7-837-0080	3806-8"
7-837-0100	3806-10"
7-837-0120	3806-12"
7-837-0160	3806-16"
7-837-0200	3806-20"
7-837-0250	3806-25"

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
7.87	2.95	3.14	0.16	6.30	2.17	6.93	6xM10	1.14	1.77	38.58
9.84	3.35	3.50	0.20	7.87	2.99	8.82	6xM12	1.34	2.09	63.93
12.40	3.70	3.90	0.20	10.24	4.06	11.26	6xM16	1.69	2.24	110.23
15.75	4.13	4.48	0.20	12.99	5.35	14.25	6xM16	2.17	2.64	187.39
19.69	4.72	5.15	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	319.67
24.80	5.31	5.76	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	551.16

Larger diameters available on page 82-93!

3807

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3807-8"	7-837-1080
3807-10"	7-837-1100
3807-12"	7-837-1120
3807-16"	7-837-1160
3807-20"	7-837-1200
3807-25"	7-837-1250





3804



Standard accessories



1 Set of hard solid ID jaws



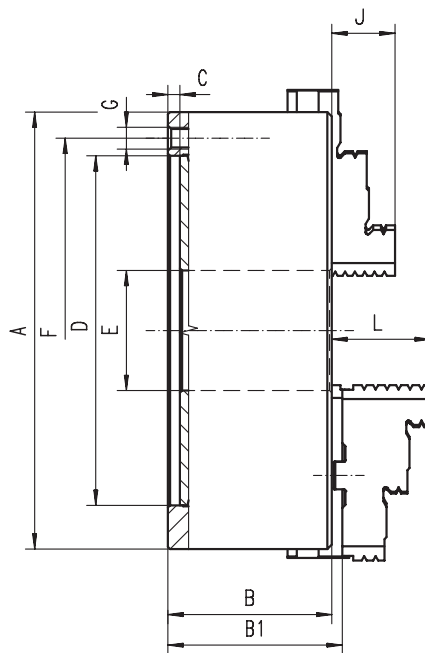
1 Set of hard solid OD jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



■ Ground working surfaces

Code No.	Type
7-837-2080	3804-8"
7-837-2100	3804-10"
7-837-2120	3804-12"
7-837-2160	3804-16"
7-837-2200	3804-20"
7-837-2250	3804-25"

A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
7.87	2.95	3.14	0.16	6.30	2.17	6.93	6xM10	1.14	1.77	38.58
9.84	3.35	3.50	0.20	7.87	2.99	8.82	6xM12	1.34	2.09	63.93
12.40	3.70	3.90	0.20	10.24	4.06	11.26	6xM16	1.69	2.24	110.23
15.75	4.13	4.48	0.20	12.99	5.35	14.25	6xM16	2.17	2.64	187.39
19.69	4.72	5.15	0.20	16.54	7.48	18.03	6xM16	2.36	3.11	319.67
24.80	5.31	5.76	0.28	21.46	9.92	23.07	6xM16	2.76	3.43	551.16

Larger diameters available on page 82-93!

3805



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3805-8"	7-837-3080
3805-10"	7-837-3100
3805-12"	7-837-3120
3805-16"	7-837-3160
3805-20"	7-837-3200
3805-25"	7-837-3250

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**3597**

Standard accessories



1 Set of hard top jaws

1 Set of soft top jaws¹⁾

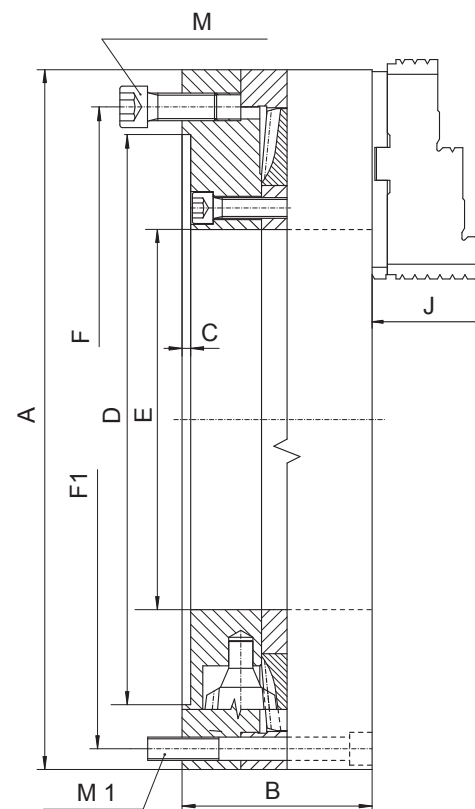
1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

¹⁾ Soft top jaws not included with 3597-12" and 3597-20"

- BISON OIL COUNTRY CHUCKS with large through-holes are designed for gripping long workpieces or pipes during machining
- Hardened and ground working surfaces
- Balanced scroll plate
- High gripping force
- High accuracy
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

Code No.	Type
7-819-1200S	3597-12"
7-819-1600S	3597-16"
7-819-2000S	3597-20"
7-819-2600S	3597-26"

A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	F1 [in]	J [in]	M	M1	Clamping range [in]	Max. rpm	Weight [lbs]
12.40	3.82	0.20	10.24	5.71	11.26	11.26	2.24	3xM16	3xM16	1.57 - 12.40	2,500	103.62
15.94	4.33	0.20	12.99	8.66	14.25	15.00	2.64	6xM16	6xM12	5.43 - 15.98	1,000	160.94
20.28	4.72	0.20	16.54	12.60	18.03	18.96	3.11	6xM16	6xM16	4.72 - 19.69	800	264.55
25.98	5.51	0.28	21.46	15.98	23.07	24.41	3.43	6xM16	6xM16	19.69 - 24.80	600	507.06

Larger diameters available on page 82-93!



Type of mounting



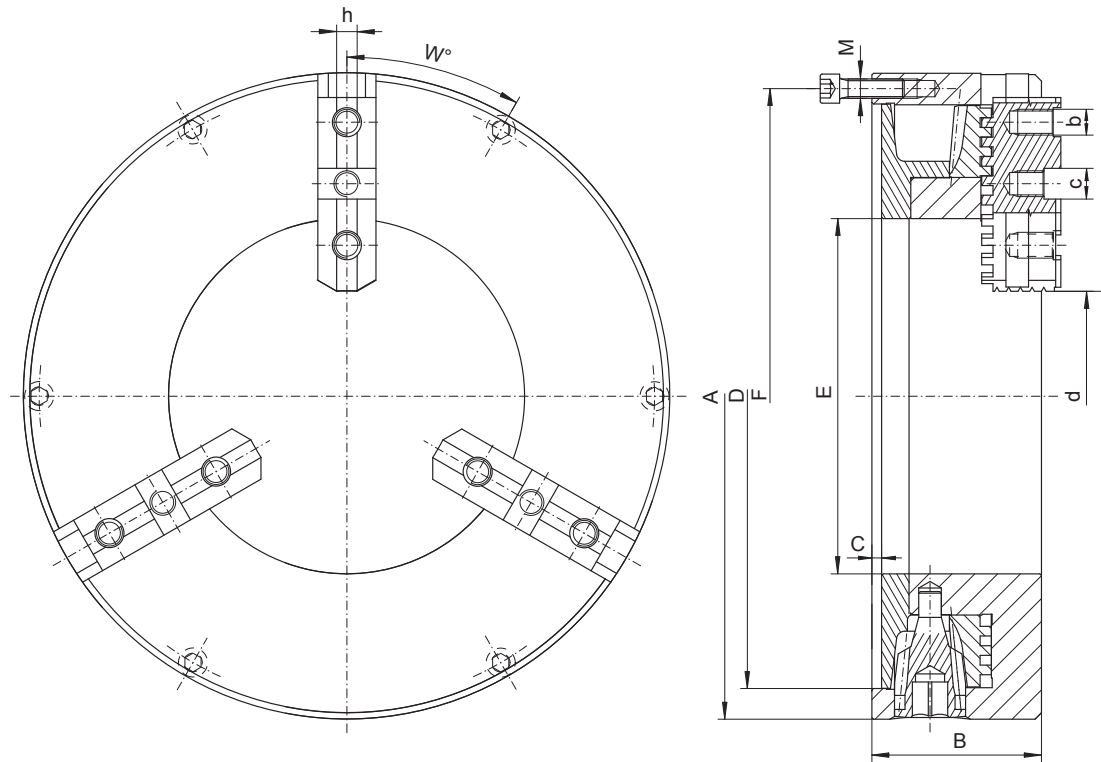
Material of chuck body



Number of jaws



Type of jaws



- BISON OIL COUNTRY CHUCKS with large through-holes are designed for gripping long workpieces or pipes during machining
- Hardened and ground working surfaces
- High gripping force
- High accuracy
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	M	W	a [in]	b	c [in]	h [in]	d Clamping range [in]	Max. rpm	Weight [lbs]
15.75	4.13	0.24	14.25	8.66	15.00	6xM12	30°	4.72	5/8"-11	0.75	0.50	5.43 - 10.08	500	127.21
20.00	4.72	0.31	18.19	12.60	18.96	6xM16	30°	4.72	3/4"-10	0.75	0.50	9.84 - 14.96	350	167.11
25.98	5.31	0.55	22.83	15.98	24.41	6xM16	30°	5.00	3/4"-10	0.75	0.50	14.80 - 19.57	250	284.18

Larger diameters available on page 82-93!

3295



Standard accessories



1 Set of soft top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3295-16"	7-819-1600
3295-20"	7-819-2000
3295-26"	7-819-2600

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3515 HD



Standard accessories



1 Set of hard top jaws



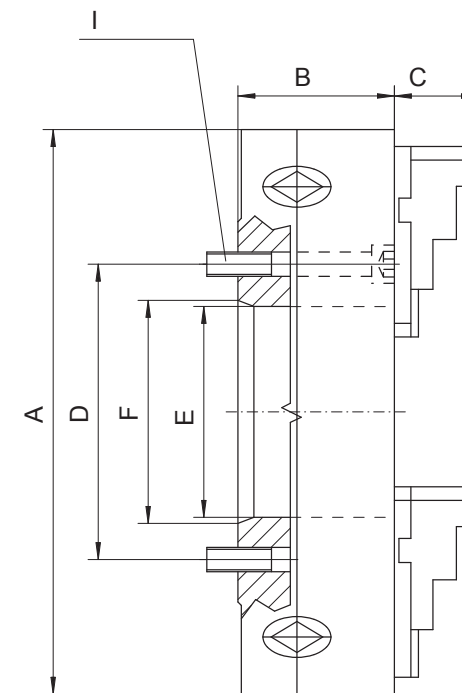
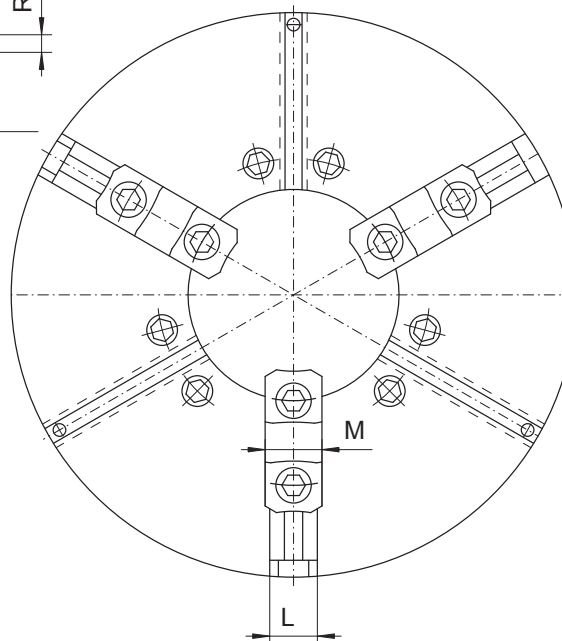
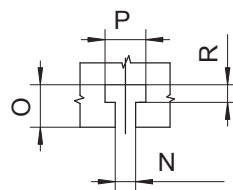
1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- BISON OIL COUNTRY CHUCKS HD with large through-holes are designed for gripping long and heavy workpieces or pipes during heavy-duty (HD) machining
- Hardened and ground working surfaces
- Balanced scroll plate
- High gripping force
- High accuracy
- Heavy-duty operations
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

* - Indirect mount (chuck provided with a fully machined adapter plate)

Code No.	Type
7-825-1606	3515-16"-6-4.0" HD
7-825-1608	3515-16"-8-5.3" HD
7-825-1611	3515-16"-11-5" HD
7-825-2011	3515-20"-11-7.5" HD
7-825-2025	3515-20"-15-8" HD
7-825-2515	3515-25"-15-10.75" HD
7-825-2520	3515-25"-20-12.5" HD
7-825-3215	3515-32"-15-10.75" HD
7-825-3220	3515-32"-20-12.5" HD

A [in]	Taper Size	B [in]	C [in]	D [in]	E [in]	F [in]	I	L [in]	M [in]	N H10	O [in]	P [in]	R [in]	Clamping range [in]	Torque on wrench [lb/ft]	Gripping force [lbf]	Max. rpm	Max. workpiece weight [lbs]	Chuck Weight [lbs]
15.75	6	4.37	3.43	5.25	4.06	4.19	8xM12x4.33"	1.97	2.13	0.55	0.83	0.91	0.39	0.98 - 15.75	222	14,840	1,400	6,500	224.87
15.75	8	4.37	3.43	6.75	5.35	5.50	6xM16x4.33"	1.97	2.13	0.55	0.83	0.91	0.39	0.98 - 15.75	222	14,840	1,400	6,500	216.05
15.75	11	4.37	3.43	6.50	5.12	7.75	6xM20x3.94"	1.97	2.13	0.55	0.83	0.91	0.39	0.98 - 15.75	222	14,840	1,400	6,500	211.64
19.69	11	4.69	3.43	9.25	7.56	7.75	6xM20x4.72"	1.97	2.13	0.55	0.83	0.91	0.39	1.77 - 19.69	281	17,310	1,000	10,400	346.13
19.69	15*	5.93	3.43	13.00	8.00	11.25	6xM24x1.97"	1.97	2.13	0.55	0.83	0.91	0.39	1.77 - 19.69	281	17,310	1,000	10,400	388.08
24.80	15	5.67	3.64	13.00	10.83	11.25	6xM24x5.91"	2.76	2.95	0.79	1.30	1.46	0.63	3.15 - 24.80	296	18,430	850	15,600	612.88
24.80	20*	5.67	3.64	14.50	12.60	16.25	6xM24x2.16"	2.76	2.95	0.79	1.30	1.46	0.63	6.30 - 24.80	296	18,430	850	15,600	555.56
31.50	15	5.91	3.64	13.00	10.75	11.25	6xM24x5.91"	2.76	2.95	0.79	1.30	1.46	0.63	5.12 - 31.50	435	25,500	600	20,800	1,109.0
31.50	20	5.91	3.64	18.25	12.55	16.25	6xM24x5.91"	2.76	2.95	0.79	1.30	1.46	0.63	7.09 - 31.50	435	25,500	600	20,800	1,078.0

Larger diameters available on page 82-93!





4505



Standard accessories



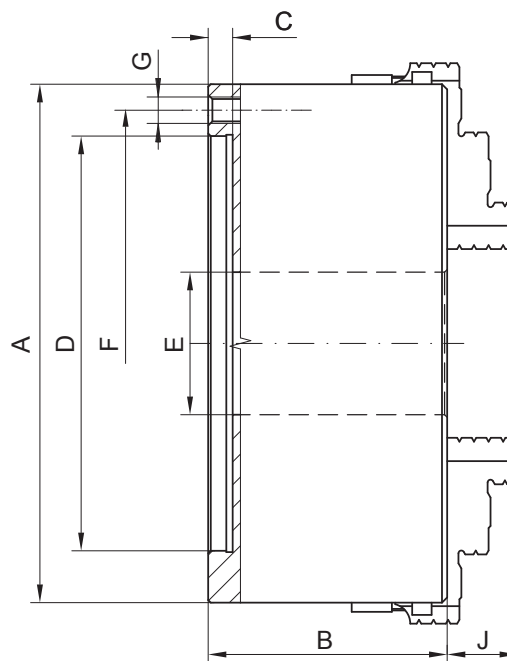
1 Set of solid reversible jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- Individually adjustable jaws
- Self-centering jaw clamping

Code No.	Type
7-848-0810	4505-8"
7-848-1010	4505-10"
7-848-1210	4505-12"
7-848-1610	4505-16"
7-848-2010	4505-20"
7-848-2510	4505-25"

A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	J [in]
7.87	3.78	0.20	6.30	2.17	6.93	6xM10	1.22
9.84	4.02	0.24	7.87	2.99	8.82	6xM12	1.30
12.40	4.61	0.24	10.24	4.06	11.26	6xM16	1.63
15.75	4.84	0.24	12.99	5.35	14.25	6xM16	2.32
19.69	5.71	0.31	16.54	7.48	18.03	6xM16	2.40
24.80	6.30	0.39	21.46	9.92	23.07	6xM16	2.83

Larger diameters available on page 82-93!

4705



Standard accessories



1 Set of solid reversible jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
4705-8"	7-849-0810
4705-10"	7-849-1010
4705-12"	7-849-1210
4705-16"	7-849-1610
4705-20"	7-849-2010
4705-25"	7-849-2510

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**4605**

Standard accessories



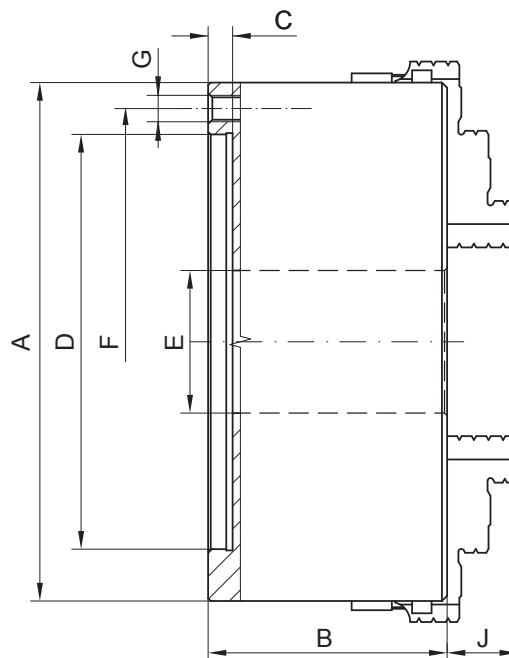
1 Set of solid reversible jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148



- Individually adjustable jaws
- Self-centering jaw clamping

Code No.

Type

7-848-0800

4605-8"

7-848-1000

4605-10"

7-848-1200

4605-12"

7-848-1600

4605-16"

7-848-2000

4605-20"

7-848-2500

4605-25"

A

[in]

B

[in]

C

[in]

D

[in]

E

[in]

F

[in]

G

J

[in]

7.87

3.78

0.20

6.30

2.17

6.93

6xM10

1.22

9.84

4.02

0.24

7.87

2.99

8.82

6xM12

1.30

12.40

4.61

0.24

10.24

4.06

11.26

6xM16

1.63

15.75

4.84

0.24

12.99

5.35

14.25

6xM16

2.32

19.69

5.71

0.31

16.54

7.48

18.03

6xM16

2.40

24.80

6.30

0.39

21.46

9.92

23.07

6xM16

2.83

Larger diameters available on page 82-93!

4805

Standard accessories



1 Set of solid reversible jaws



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

Type

Code No.

4805-8"

7-849-0800

4805-10"

7-849-1000

4805-12"

7-849-1200

4805-16"

7-849-1600

4805-20"

7-849-2000

4805-25"

7-849-2500





3474



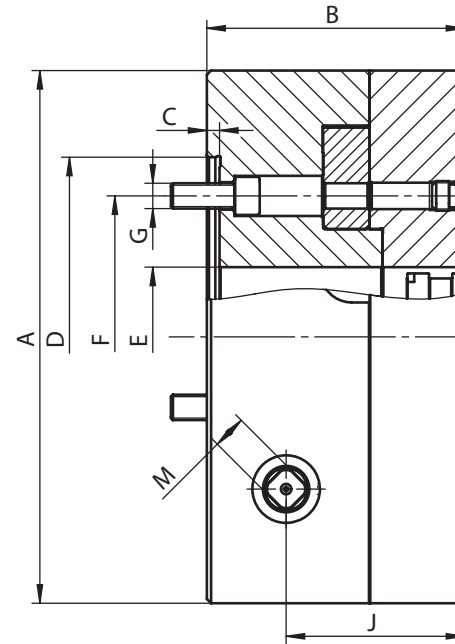
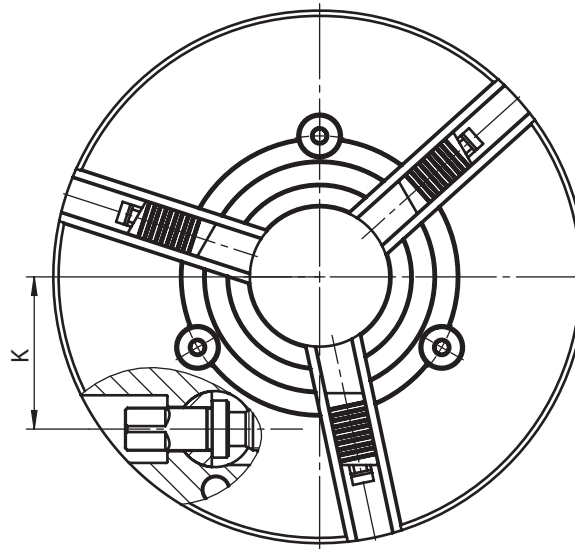
Standard accessories

1 Set of solid reversible jaws

1 Wrench

Spare parts 99-141

Technical data 142-148



- Serration according to Reishauer System (RHU)
- Jaw locking system
- Hardened and ground jaw guides
- Flexible mounting system: mounting from the back or front of the chuck by use of an adapter plate

Code No.	Type
7-838-0050	3474-5"
7-838-0060	3474-6"
7-838-0080	3474-8"
7-838-0100	3474-10"
7-838-0120	3474-12"
7-838-0160	3474-16"
7-838-0200	3474-20"
-	-

A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	J [in]	K [in]	M [in]	S [in]	Weight [lbs]
5.12	2.64	0.16	3.54	1.18	2.78	3xM10	2.03	1.40	0.35	0.20	12.35
6.50	3.31	0.20	4.53	1.57	3.25	3xM10	2.56	1.79	0.43	0.20	26.01
8.07	3.82	0.20	5.51	2.01	4.13	3xM10	2.89	2.22	0.55	0.22	44.09
9.92	4.41	0.24	6.69	2.60	5.25	3xM12	3.33	2.83	0.63	0.24	79.37
12.40	5.00	0.24	8.66	3.54	6.75	3xM16	3.76	3.46	0.71	0.36	132.28
15.75	5.67	0.24	11.81	4.33	9.25	3xM20	4.43	4.33	0.71	0.47	235.89
19.69	5.67	0.24	11.81	7.48	9.25	6xM20	4.43	6.69	0.71	0.47	359.35
24.80	6.30	0.24	14.96	10.08	13.00	6xM24	4.80	8.58	0.71	0.59	648.16

Larger diameters available on page 82-93!

3475



Standard accessories

1 Set of hard top jaws

1 Set of hard master jaws

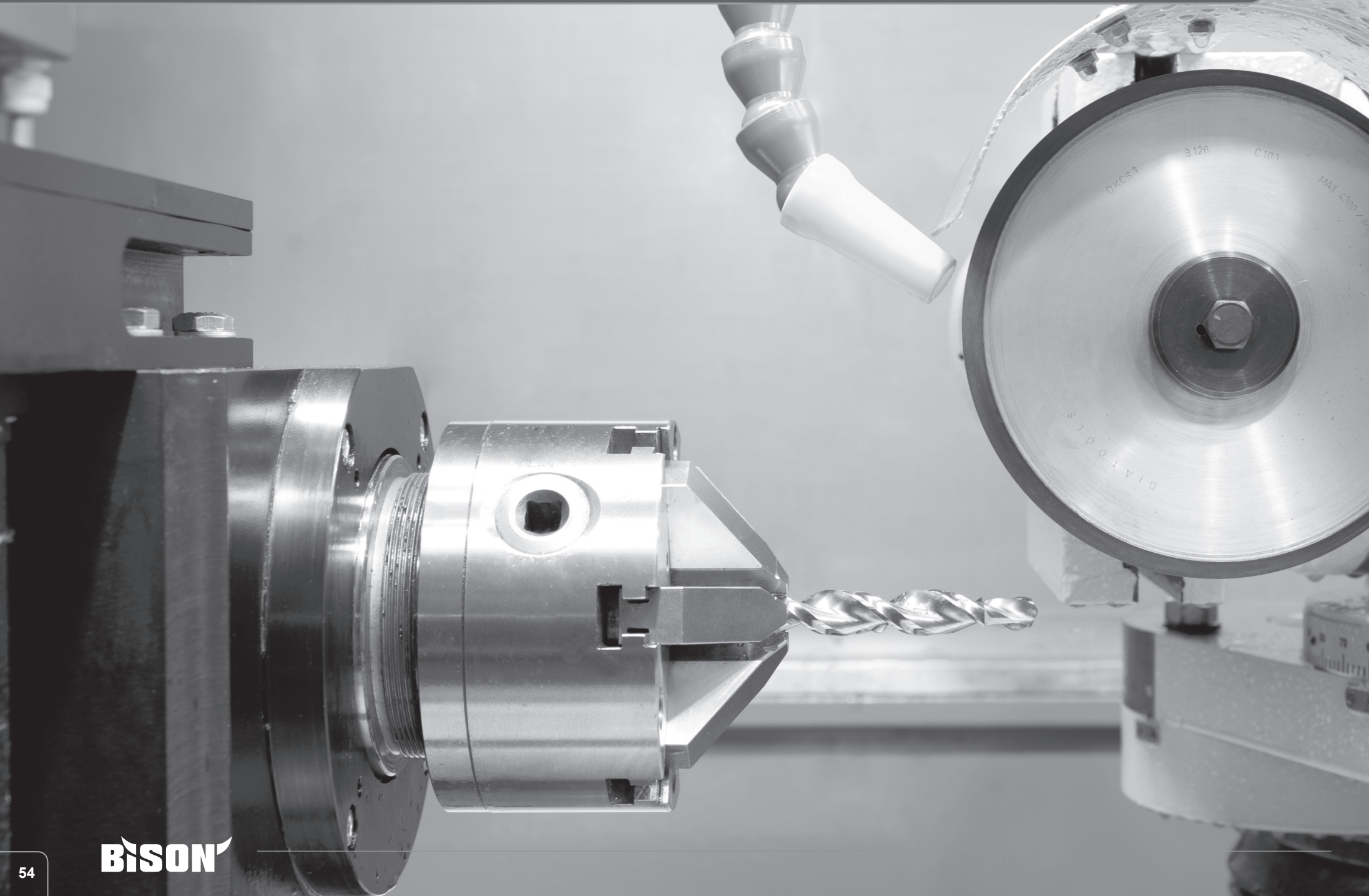
1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3475-5"	7-838-1050
3475-6"	7-838-1060
3475-8"	7-838-1080
3475-10"	7-838-1100
3475-12"	7-838-1120
3475-16"	7-838-1160
3475-20"	7-838-1200
3475-25"	7-838-1250

SPECIAL CHUCKS





3264



Standard accessories

1 Set of hard solid ID jaws

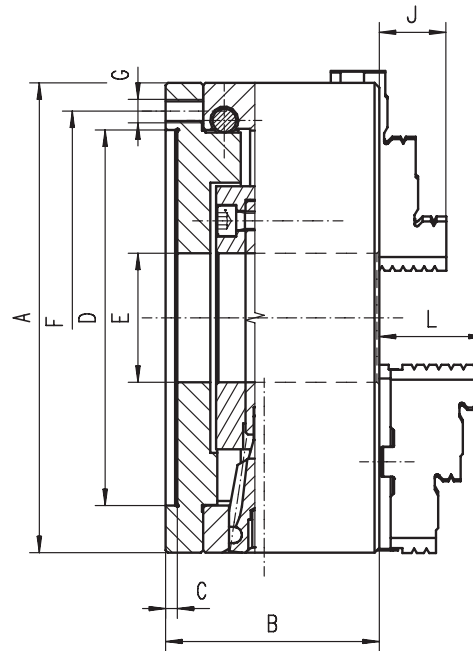
1 Set of hard solid OD jaws

1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-867-8030	3264-3"
7-867-8040	3264-4"
7-867-8050	3264-5"
7-867-8060	3264-6"
7-867-8080	3264-8"
7-867-8100	3264-10"
7-867-8120	3264-12"



- Ground working surfaces
- Repeatability: 0.0006"
- Fine adjustment radially set screws provide nearly 0 run-out
- The clamped workpiece is adjusted to the required concentricity by means of 3 tangentially arranged adjusting screws
- Hardened adjusting screws
- Mounted on the machine tool spindle from the back of the chuck by using an adapter plate

A [in]	B [in]	C min [in]	D H7 [in]	E min [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
3.15	2.32	0.12	2.20	0.63	2.64	3xM6	0.51	-	6.17
3.94	2.72	0.16	2.76	0.79	3.27	3xM8	0.67	-	7.72
4.92	2.76	0.20	3.74	1.26	4.25	3xM8	0.79	1.57	12.35
6.30	3.17	0.20	4.92	1.65	5.51	3xM10	1.26	1.69	22.05
7.87	3.58	0.20	6.30	2.17	6.93	3xM10	1.14	1.77	37.92
9.84	4.06	0.24	7.87	2.99	8.82	3xM12	1.36	2.07	76.06
12.40	4.72	0.24	10.24	4.06	11.26	3xM16	1.63	2.24	126.77

Larger diameters available on page 82-93!

3265



Standard accessories

1 Set of hard top jaws

1 Set of hard master jaws

1 Wrench

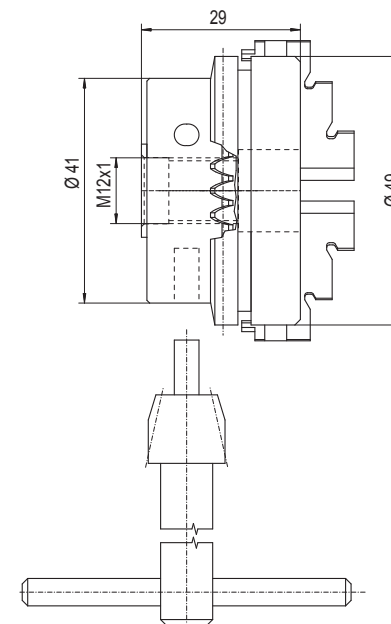
Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
-	-
3265-5"	7-867-0500
3265-6"	7-867-0600
3265-8"	7-867-0800
3265-10"	7-867-1000
3265-12"	7-867-1200

3286

Chuck size 49mm



* All dimensions on the drawing are in [mm]

Standard accessories



1 Set of solid reversible jaws



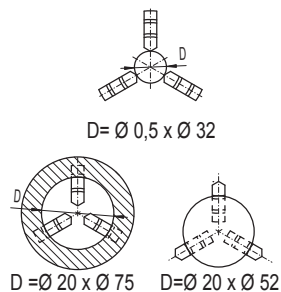
1 Wrench

Spare parts 99-141

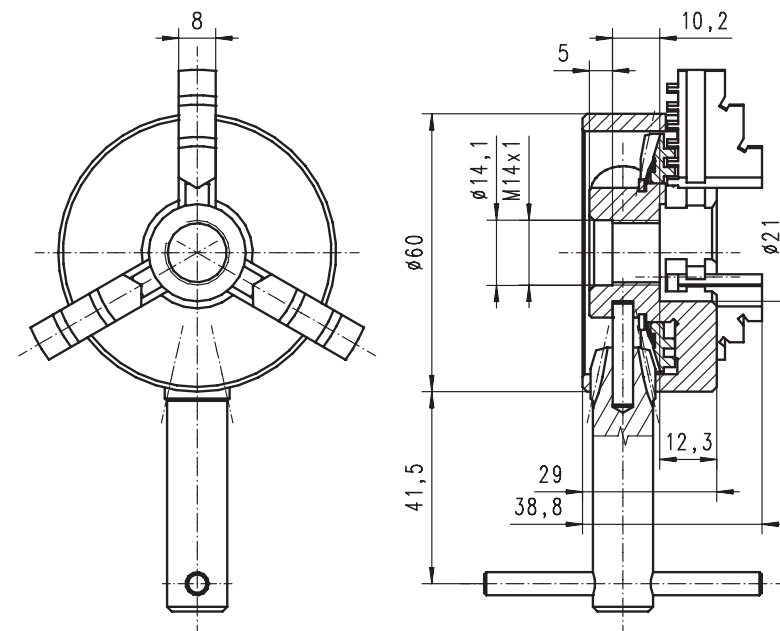
Technical data 142-148

- Very small turning diameter
- Suitable for lathes with a threaded spindle
- Can be used with both metal and wood

Chuck size 49, 60mm



Chuck size 60mm



* All dimensions on the drawing are in [mm]

Code No.	Type	Chuck size [in]	Mounting	Max. rpm	Weight [lbs]
7-810-0112	3286-49	1.93	M12x1	4,000	1.1
7-810-0214	3286-60	2.36	M14x1	4,000	1.5

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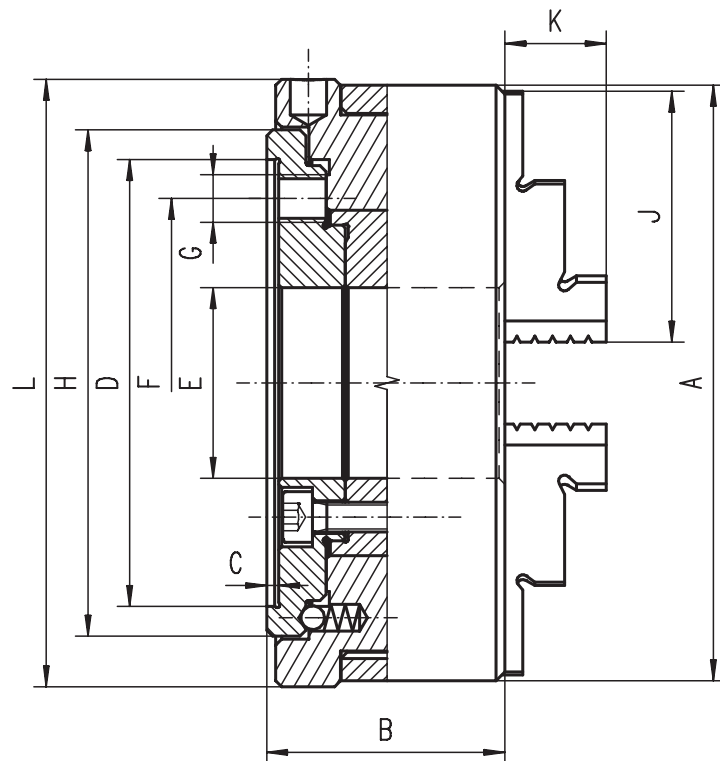
5

6

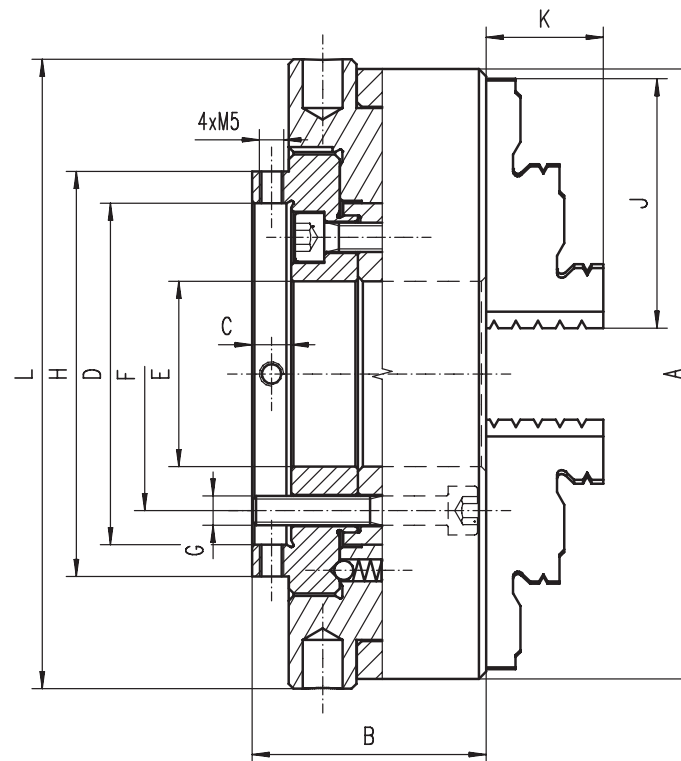
3286



Chuck size 3", 4"



Chuck size 5", 6" and 8"



- Lever scroll chuck is specially designed for grinding twist drills and other cutting tools
- Fine adjustment in sizes 5", 6" and 8" to the required concentricity by means of 4 radially arranged adjusting screws

A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	H [in]	J [in]	K [in]	L [in]	Length of the operating lever [in]	Weight [lbs]
3.15	1.38	0.06	1.89	0.94	1.54	3xM6	2.05	1.30	0.51	3.23	3.94	2.43
3.94	1.57	0.08	2.95	1.26	1.77	3xM6	3.35	1.65	0.67	4.02	4.92	7.05
4.92	1.89	0.31	2.76	1.50	2.20	3xM6	3.27	2.01	0.79	5.08	6.30	8.82
6.30	2.05	0.31	3.09	2.05	2.56	3xM6	3.78	2.76	1.30	6.46	7.87	16.09
7.87	2.60	0.51	4.53	2.52	3.31	3xM8	5.79	3.35	1.18	8.07	7.87	29.32

3266


Standard accessories



1 Set of hard solid ID jaws



1 Set of hard solid OD jaws



1 Operating lever

Spare parts 99-141

Technical data 142-148

Type	Code No.
3266-3"	7-864-0300
3266-4"	7-864-0400
3266-5"	7-864-0500
3266-6"	7-864-0600
3266-8"	7-864-0800

3866

Standard accessories

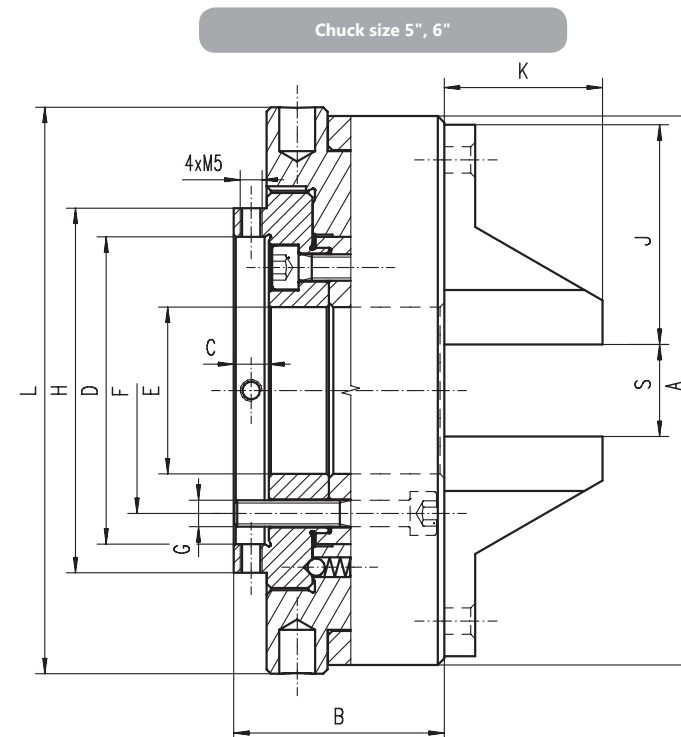
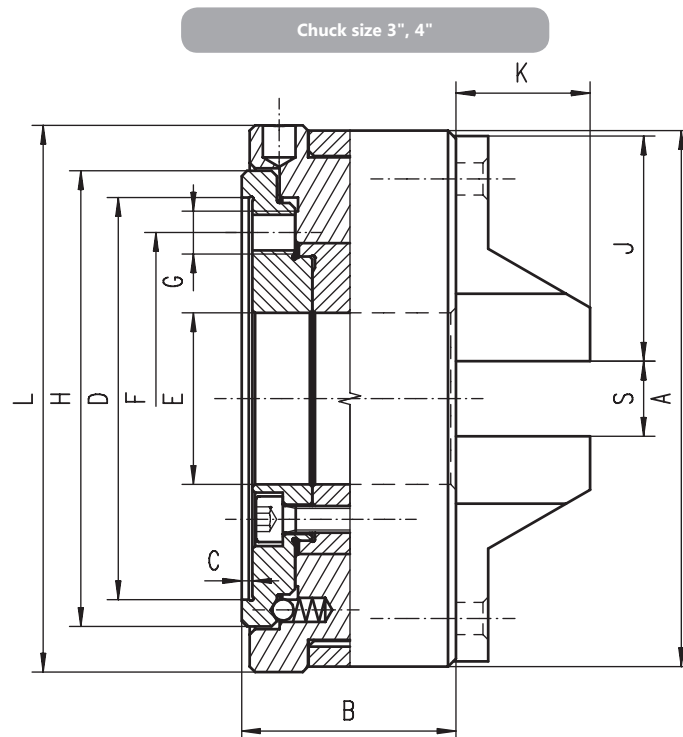


1 Set of hard solid jaws

1 Operating lever

Spare parts 99-141

Technical data 142-148

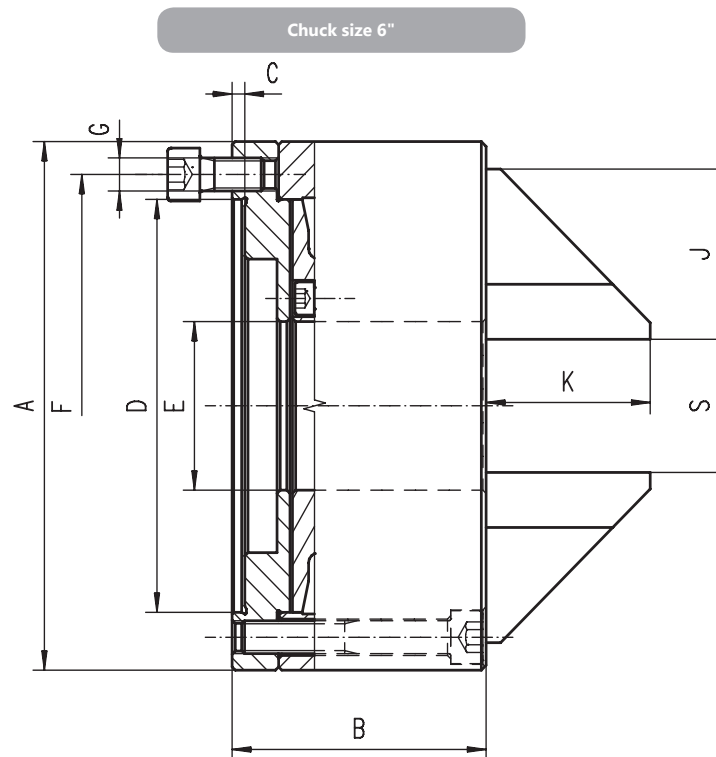
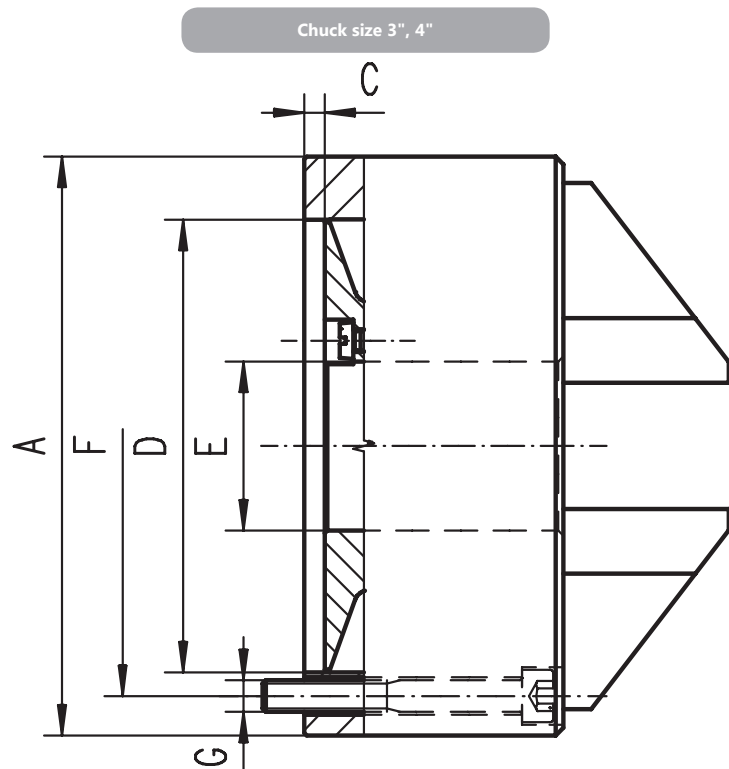


- Lever scroll chuck is specially designed for grinding twist drills and other cutting tools
- Fine adjustment in Ø 5" and 6" to the required concentricity by means of 4 radially arranged adjusting screws

Code No.	Type
7-869-0300	3866-3"
7-869-0400	3866-4"
7-869-0500	3866-5"
7-869-0600	3866-6"

A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	H [in]	J [in]	K [in]	L [in]	S [in]	Length of the operating lever [in]	Weight [lbs]
3.15	1.38	0.06	1.89	0.94	1.54	3xM6	2.05	1.38	0.87	3.23	0.04 - 0.91	3.94	4.41
3.94	1.57	0.08	2.95	1.26	2.44	3xM8	3.35	1.65	0.98	4.02	0.06 - 1.22	4.92	6.17
4.92	1.89	0.31	2.76	1.50	2.20	3xM6	3.27	1.97	1.42	5.08	0.08 - 1.46	6.30	8.82
6.30	2.05	0.31	3.09	2.05	2.56	3xM6	3.78	2.28	1.42	6.46	0.12 - 2.01	7.87	15.43





- The wrench operated scroll chuck is specially designed for grinding twist drills and other cutting tools
- Plain back (front mounting)

A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	J [in]	K [in]	S [in]	Weight [lbs]
3.35	1.73	0.15	2.44	1.00	2.76	3xM6	1.26	1.46	0.04 - 0.98	4.19
4.33	1.97	0.16	3.39	1.26	3.74	3xM6	1.50	1.30	0.09 - 1.26	7.72
6.30	3.11	0.16	4.92	2.01	5.51	3xM10	2.01	2.01	0.10 - 1.97	9.92

3867



Standard accessories



1 Set of hard solid jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
3867-3"	7-863-0300
3867-4-1/3"	7-863-0400
3867-6"	7-863-0600

3868

Standard accessories



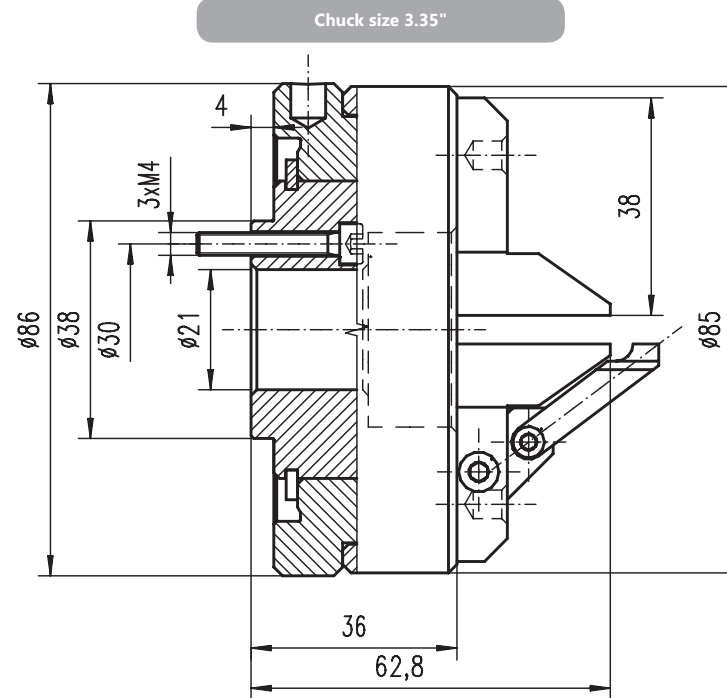
1 Set of hard solid jaws

1 Operating lever

Spare parts 99-141

Technical data 142-148

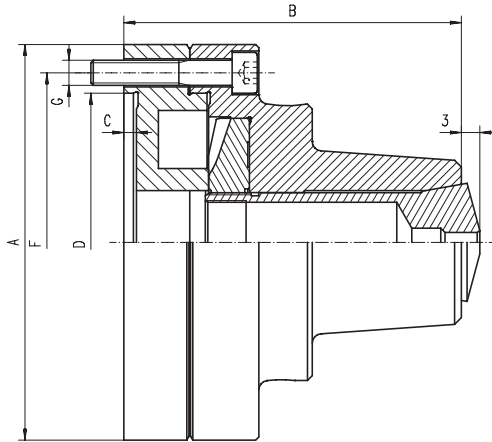
- The wrench operated scroll chuck is specially designed for grinding twist drills and other cutting tools
- Additional tool support
- Plain back (front mounting)



* All dimensions on the drawing are in [mm]

Code No.	Type	Chuck size [in]	Length of the operating lever [in]	Weight [lbs]
7-863-1030	3868-85	3.35	3.94	5.51





- Universal 5C collet chuck
- Plain back mounting
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C not included

Code No.	Type	A [in]	B [in]	C [in]	D [in]	F [in]	G	RPM	Weight [lbs]
7-862-0501	3911-5"-5C	4.96	4.23	0.16	3.74	4.25	3xM8	6,000	11.9

Collets available on page 357

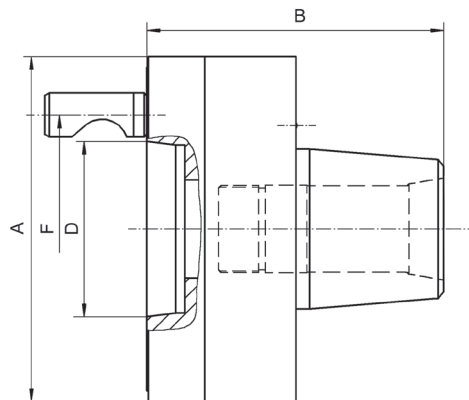
3911



1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148



- Universal 5C collet chuck
- D1 direct mount
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C not included

Code No.	Type	A [in]	B [in]	D [in]	F [in]	RPM	Weight [lbs]
7-862-0511	3944-5"-4-5C	4.92	4.23	2.54	3.25	6,000	12
7-862-0512	3944-5"-5-5C	4.92	4.23	2.54	3.25	6,000	12

Collets available on page 357

3944



Standard accessories



1 Wrench

Spare parts 99-141

Technical data 142-148

**3960**

Standard accessories

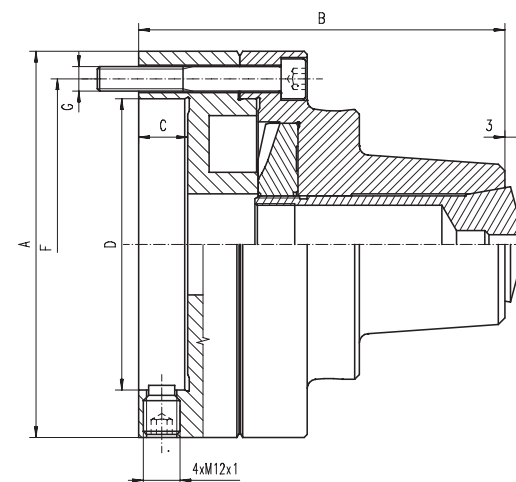


1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

- High precision 5C collet chuck
- SET-TRU mounting
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Allows for fine adjustment to the required concentricity by means of 4 radially arranged adjusting screws
- Collet 5C not included



Code No.	Type	A [in]	B [in]	C [in]	D [in]	F [in]	G	RPM	Weight [lbs]
7-862-0505	3960-5C	4.96	4.61	0.59	2.17	4.25	3xM8	6,000	11.9

Collets available on page 357

**3965**

Standard accessories

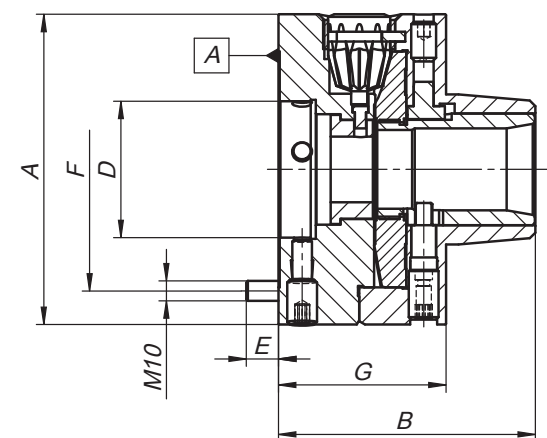


1 Wrench + 1 Hex key

Spare parts 99-141

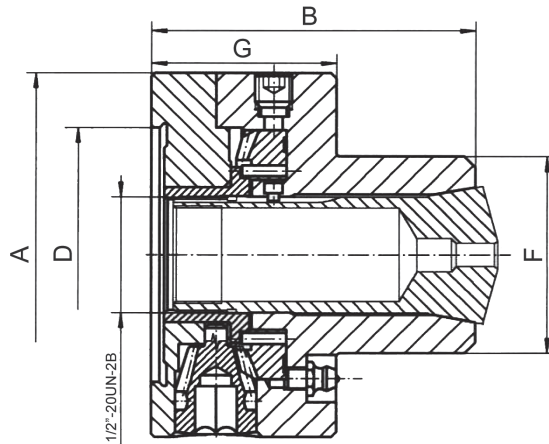
Technical data 142-148

- High precision 5C collet chuck
- TRU-LENGTH - fixed collet position
- SET-TRU mounting
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 16C collets and can be used for turning, facing, boring, grinding and milling operations
- Allows for fine adjustment to the required concentricity by means of 4 radially arranged adjusting screws
- Collet 16C not included



Code No.	Type	A [in]	B [in]	D [in]	E [in]	F [in]	G [in]	RPM	Weight [lbs]
7-862-0605	3965-6"-16C	6.30	5.06	3.39	0.67	5.51	3.11	6,000	24

Collets available on page 357



- Mini high-speed 5C collet chuck
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C not included

3974



Standard accessories



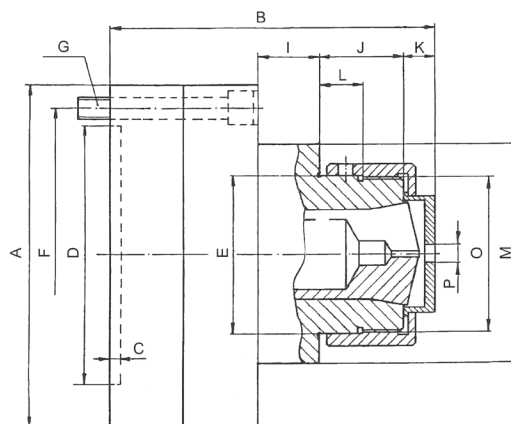
1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

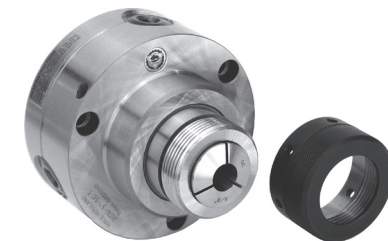
Code No.	Type	A [in]	B [in]	D [in]	F [in]	G [in]	RPM	Weight [lbs]
7-862-0401	3974-4"-5C	3.94	3.37	2.76	2.13	1.97	8,000	7

Collets available on page 357



- 5C collet chuck with threaded nose
- Plain back mounting
- Max RPM 6,000 1/min
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C not included

3974-T



Standard accessories



1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	I [in]	J [in]	K [in]	L [in]	M [in]	O [in]	P [in]	Weight [lbs]
7-862-0502	3974-5"-5CT	4.92	4.70	0.16	3.74	2.19	4.25	3 x 5/16"-18x2.17	0.89	1.22	0.47	0.63	3.15	2-3/16"-10UN-2A	0.24	12

Collets available on page 357

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**3975**

Standard accessories

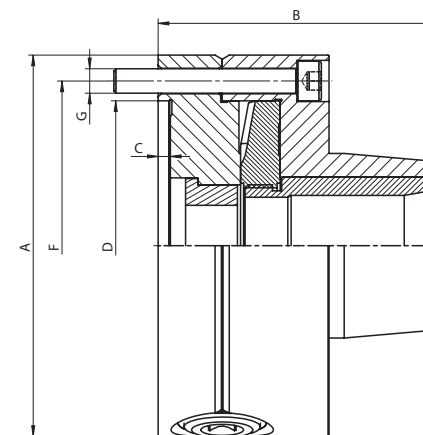


1 Wrench + 1 Hex key

Spare parts 99-141

Technical data 142-148

- High precision collet chucks
- TRU-LENGTH - fixed collet position
- Plain back mounting
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C or 16C not included



Code No.	Type	A [in]	B [in]	C [in]	D [in]	F [in]	G	RPM	Weight [lbs]
7-862-0503	3975-5"-5C	4.92	3.62	0.16	3.74	4.25	3xM8	6,000	11.46
7-862-0551	3975-5.5"-16C	5.51	4.51	0.16	4.13	4.72	6xM8	6,000	16.31
7-862-0601	3975-6"-16C	6.30	4.51	0.16	4.92	5.51	3xM10	6,000	20.5

Collets available on page 357

**3984**

Standard accessories

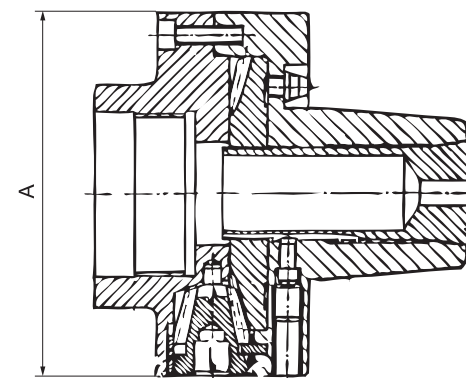


1 Wrench

Spare parts 99-141

Technical data 142-148

- 5C collet chucks
- Direct threaded mount
- The wrench operated scroll provides for uniform and distortion free clamping of workpieces while simultaneously allowing for a fast collet exchange
- Designed for use with 5C collets (385E) and can be used for turning, facing, boring, grinding and milling operations
- Collet 5C not included



Code No.	Type	A [in]	Thread size	RPM	Weight [lbs]
7-862-0515	3984-5"-5C	4.92	1-1/2" x 8	6,000	12
7-862-0517	3984-5"-5C	4.92	2-1/4" x 8	6,000	12

Collets available on page 357

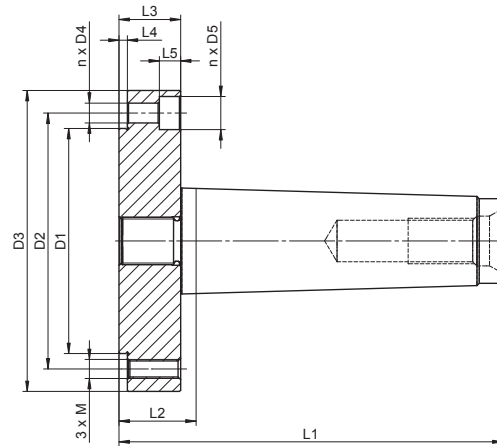


Please select an appropriate chuck

9156

DEAD

- Can replace typical center in machine tailstock
- Chuck not included, please select one of the matching types



Code No.	Type	W* [in]	Morse Taper	D1 [in]	D2 [in]	D3 [in]	D4 [in]	D5 [in]	L1 [in]	L2 [in]	L3 [in]	L4 [in]	L5 [in]	M	n	Weight [lbs]
7-915-0302	9156-3"-2	3.15	2	2.20	2.64	3.23	0.25	0.43	3.50	0.98	0.63	0.10	0.28	M6	3	1.54
7-915-0303	9156-3"-3	3.15	3	2.20	2.64	3.23	0.25	0.43	4.02	0.83	0.63	0.10	0.28	M6	3	1.76
7-915-0402	9156-4"-2	3.94	2	2.76	3.27	4.02	0.33	0.55	3.50	0.98	0.63	0.10	0.35	M8	3	2.43
7-915-0403	9156-4"-3	3.94	3	2.76	3.27	4.02	0.33	0.55	4.02	0.83	0.63	0.10	0.35	M8	3	2.65
7-915-0405	9156-4"-5	3.94	5	2.76	3.27	4.02	-	-	6.02	0.93	0.67	0.10	-	M8	3	5.07
7-915-0503	9156-5"-3	4.92	3	3.74	4.25	5.00	0.33	0.55	4.57	1.38	1.02	0.14	0.35	M8	3	5.73
7-915-0504	9156-5"-4	4.92	4	3.74	4.25	5.00	0.33	0.55	5.31	1.28	1.02	0.14	0.35	M8	3	6.17
7-915-0505	9156-5"-5	4.92	5	3.74	4.25	5.00	0.33	0.55	6.38	1.28	1.02	0.14	0.35	M8	3	7.94
7-915-0603	9156-6"-3	6.30	3	4.92	5.51	6.38	0.41	0.67	4.57	1.38	1.02	0.14	0.43	M10	3	9.04
7-915-0604	9156-6"-4	6.30	4	4.92	5.51	6.38	0.41	0.67	5.31	1.28	1.02	0.14	0.43	M10	3	9.48
7-915-0605	9156-6"-5	6.30	5	4.92	5.51	6.38	0.41	0.67	6.38	1.28	1.02	0.14	0.43	M10	3	11.24
7-915-0805	9156-8"-5	7.87	5	6.30	6.93	7.87	0.41	0.71	7.60	2.50	1.02	0.14	0.43	M10	3	18.08
7-915-0806	9156-8"-6	7.87	6	6.30	6.93	7.87	0.41	0.71	8.50	1.34	1.02	0.14	0.43	M10	3	21.38
7-915-1005	9156-10"-5	9.84	5	7.87	8.82	9.84	0.53	0.79	6.42	1.36	1.10	0.14	0.51	M12	6	23.81
7-915-1006	9156-10"-6	9.84	6	7.87	8.82	9.84	0.53	0.79	8.58	1.42	1.10	0.14	0.51	M12	6	30.20

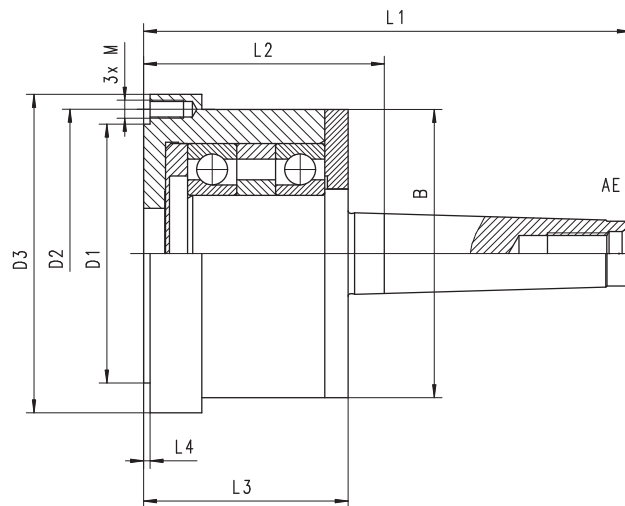
W - Chuck diameter

Please select an appropriate chuck

9157

ROTATING

- Can replace typical center in machine tailstock
- Chuck not included, please select one of the matching types



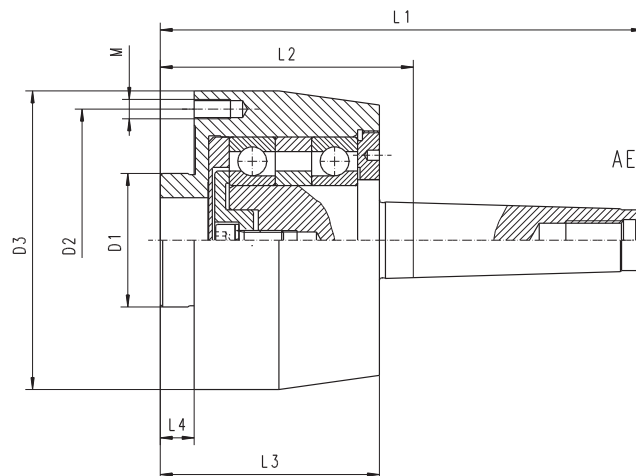
Code No.	Type	W* [in]	Morse Taper	D1 [in]	D2 [in]	D3 [in]	B [in]	L1 [in]	L2 [in]	L3 [in]	L4 [in]	M	Weight [lbs]
7-573-032	9157-3"-2	3.15	2	2.20	2.64	3.07	-	4.69	2.17	1.97	0.10	M6	3.09
7-573-033	9157-3"-3	3.15	3	2.20	2.64	3.07	-	5.35	2.07	1.97	0.10	M6	3.31
7-573-043	9157-4"-3	3.94	3	2.76	3.27	3.86	-	6.18	2.99	2.80	0.10	M8	7.50
7-573-044	9157-4"-4	3.94	4	2.76	3.27	3.86	-	7.01	2.97	2.80	0.10	M8	8.38
7-573-054	9157-5"-4	4.92	4	3.74	4.25	4.84	-	7.19	3.15	2.89	0.14	M8	12.79
7-573-055	9157-5"-5	4.92	5	3.74	4.25	4.84	-	8.25	3.15	2.89	0.14	M8	7.94
7-573-064	9157-6"-4	6.30	4	4.92	5.51	6.30	4.33	7.32	3.29	3.03	0.14	M10	14.55
7-573-065	9157-6"-5	6.30	5	4.92	5.51	6.30	4.33	8.39	3.29	3.03	0.14	M10	16.53
7-573-085	9157-8"-5	7.87	5	6.30	6.93	7.87	5.12	8.39	3.29	3.03	0.14	M10	22.05
7-573-086	9157-8"-6	7.87	6	6.30	6.93	7.87	6.30	11.38	4.21	3.86	0.14	M10	40.34
7-573-105	9157-10"-5	9.84	5	7.87	8.82	9.84	5.12	8.39	3.29	3.03	0.18	M12	30.20
7-573-106	9157-10"-6	9.84	6	7.87	8.82	9.84	6.30	11.38	4.21	3.86	0.18	M12	49.60

W - Chuck diameter

9167

ROTATING WITH FINE
ADJUSTMENT

- Can replace typical center in machine tailstock
- Chuck not included, please select one of the matching types



Please select an appropriate chuck

3-Jaw		Type 3564	Page 15
		Type 3565	Page 15
6-Jaw		Type 3864	Page 17
		Type 3865	Page 17

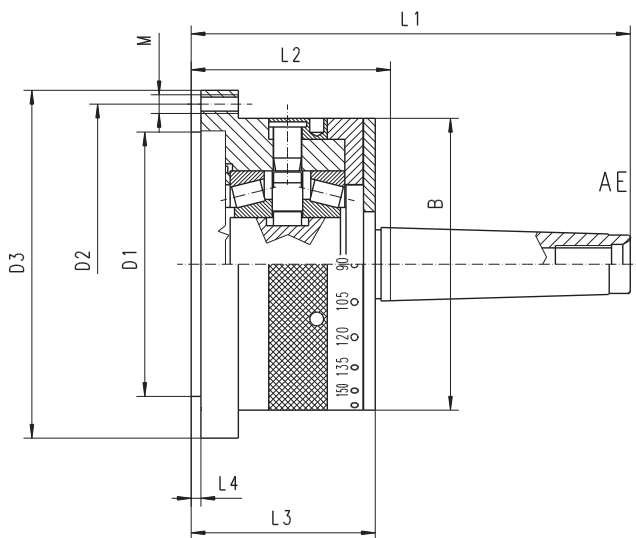
Code No.	Type	W* [in]	Morse Taper	D1 [in]	D2 [in]	D3 [in]	L1 [in]	L2 [in]	L3 [in]	L4 [in]	M	Weight [lbs]
7-861-9400	9167-4"-3	3.94	3	1.77	3.27	3.86	6.50	3.31	3.11	0.47	3xM8	7.50
7-861-9404	9167-4"-4	3.94	4	1.77	3.27	3.86	7.40	3.37	3.11	0.47	3xM8	8.16
7-861-9500	9167-5"-4	4.92	4	2.17	4.25	4.84	7.85	3.82	3.56	0.55	3xM8	13.89
7-861-9505	9167-5"-5	4.92	5	2.17	4.25	4.84	8.92	3.82	3.56	0.55	3xM8	15.43
7-861-9600	9167-6"-5	6.30	5	3.39	5.51	6.30	9.06	3.96	3.70	0.63	3xM10	24.69

W - Chuck diameter

9184

ROTATING DIVIDING
WITH BLOCKING

- Can replace typical center in machine tailstock
- Able to divide and block workpiece during machining
- Basic indexing: 2, 3, 4, 6, 8, 12, 24
- Chuck not included, please select one of the matching types



Please select an appropriate chuck

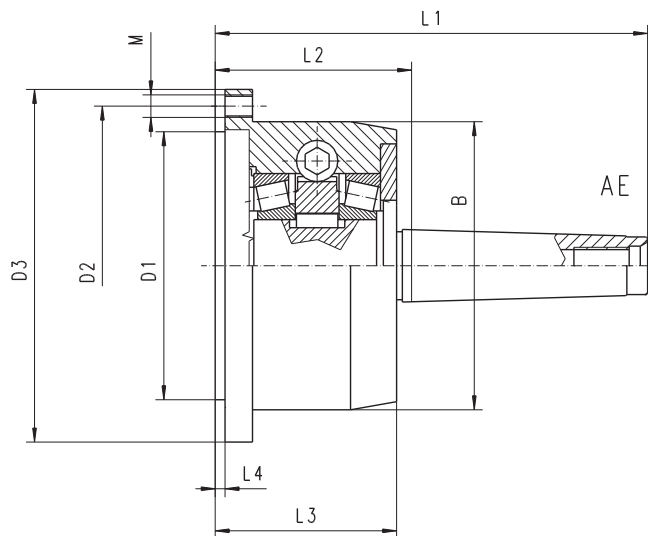
3-Jaw		Type 3574	Page 32
		Type 3575	Page 32
		Type 3274	Page 33
		Type 3275	Page 33
4-Jaw		Type 3774	Page 44
		Type 3775	Page 44
		Type 3674	Page 45
		Type 3675	Page 45

Code No.	Type	W* [in]	Morse Taper	D1 [in]	D2 [in]	D3 [in]	B [in]	L1 [in]	L2 [in]	L3 [in]	L4 [in]	M	Weight [lbs]
7-574-032	9184-3"-2	3.15	2	2.20	2.64	3.23	-	5.37	2.85	2.66	0.10	3xM6	5.51
7-574-033	9184-3"-3	3.15	3	2.20	2.64	3.23	-	6.04	2.85	2.66	0.10	3xM6	5.95
7-574-043	9184-4"-3	3.94	3	2.76	3.27	3.94	-	6.20	3.01	2.81	0.12	3xM8	8.38
7-574-044	9184-4"-4	3.94	4	2.76	3.27	3.94	-	7.11	3.07	2.81	0.12	3xM8	9.04
7-574-054	9184-5"-4	4.92	4	3.74	4.25	4.92	-	7.46	3.43	3.17	0.14	3xM8	13.23
7-574-055	9184-5"-5	4.92	5	3.74	4.25	4.92	-	8.52	3.43	3.17	0.14	3xM8	14.99
7-574-064	9184-6"-4	6.30	4	4.92	5.51	6.30	4.92	7.46	3.43	3.17	0.14	3xM10	16.76
7-574-065	9184-6"-5	6.30	5	4.92	5.51	6.30	4.92	8.52	3.43	3.17	0.14	3xM10	18.08

W - Chuck diameter

Please select an appropriate chuck

3-Jaw		Type 3574	Page 32
		Type 3575	Page 32
		Type 3274	Page 33
		Type 3275	Page 33
4-Jaw		Type 3774	Page 44
		Type 3775	Page 44
		Type 3674	Page 45
		Type 3675	Page 45



- Can replace typical center in machine tailstock
- Chuck not included, please select one of the matching types

9187

ROTATING WITH BLOCKING

Code No.	Type	W* [in]	Morse Taper	D1 [in]	D2 [in]	D3 [in]	B [in]	L1 [in]	L2 [in]	L3 [in]	L4 [in]	M	Weight [lbs]
7-575-032	9187-3"-2	3.15	2	2.20	2.64	3.23	-	5.37	2.85	2.66	0.10	3xM6	5.51
7-575-033	9187-3"-3	3.15	3	2.20	2.64	3.23	-	6.04	2.85	2.66	0.10	3xM6	5.95
7-575-043	9187-4"-3	3.94	3	2.76	3.27	3.94	-	6.20	3.01	2.81	0.12	3xM8	8.38
7-575-044	9187-4"-4	3.94	4	2.76	3.27	3.94	-	7.11	3.07	2.81	0.12	3xM8	9.04
7-575-054	9187-5"-4	4.92	4	3.74	4.25	4.92	-	7.46	3.43	3.17	0.14	3xM8	13.23
7-575-055	9187-5"-5	4.92	5	3.74	4.25	4.92	-	8.52	3.43	3.17	0.14	3xM8	14.99
7-575-064	9187-6"-4	6.30	4	4.92	5.51	6.30	4.92	7.46	3.43	3.17	0.14	3xM10	16.76
7-575-065	9187-6"-5	6.30	5	4.92	5.51	6.30	4.92	8.52	3.43	3.17	0.14	3xM10	18.08

W - Chuck diameter



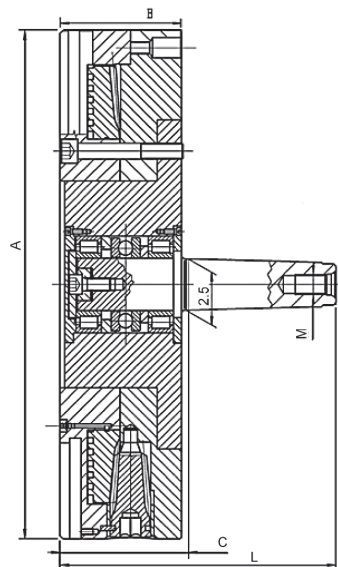
Standard accessories

 1 Set of hard master jaws

 1 Wrench

Spare parts 99-141

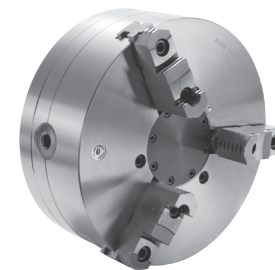
Technical data 142-148



- Can replace typical center in machine tailstock (i.e. tube machining)

9188

HEAVY DUTY ROTATING CHUCKS



Code No.	Type	Morse Taper	B [in]	C [in]	L [in]	M	RPM	Max Load Capacity [lbs]	Weight [lbs]
7-843-1295	9188-12"	5	4.92	5.18	10.24	5/8 - 11 UNC	300	5,000	135
7-843-1695	9188-16"	6	5.71	6.00	13.17	1 - 8 UNC	200	13,000	237

W - Chuck diameter

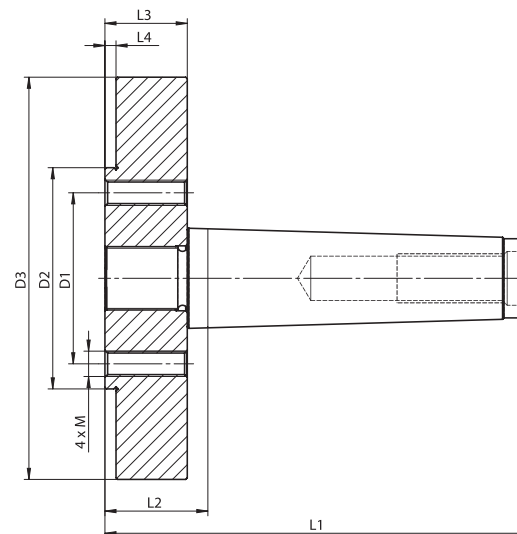
4956

DEAD

- Can replace typical center in machine tailstock
- Chuck not included, please select one of the matching types

Code No.	Type	W* [in]	Morse Taper	D1 [in]	D2 [in]	D3 [in]	L1 [in]	L2 [in]	L3 [in]	M	Weight [lbs]
7-915-0504I	4956-5"-4	4.92	4	2.13	2.75	5.00	5.31	1.28	0.14	M8	6.17

W - Chuck diameter



Please select an appropriate chuck

Steel	 Type 4306	Page 70
	 Type 4307	Page 70

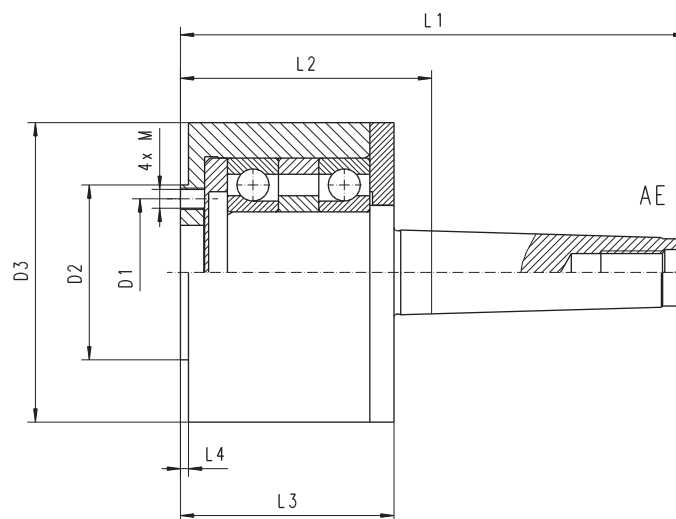
4957

ROTATING

- Can replace typical center in machine tailstock
- Chuck not included, please select one of the matching types

Code No.	Type	W* [in]	Morse Taper	D1 [in]	D2 [in]	D3 [in]	L1 [in]	L2 [in]	L3 [in]	L4 [in]	M	Weight [lbs]
7-576-044	4957-4"-4	3.94	4	2.13	3.13	3.86	7.01	2.97	2.81	0.14	M8	8.38
7-576-054	4957-5"-4	4.92	4	2.13	2.75	4.53	7.01	2.97	2.81	0.14	M8	8.38
7-576-064	4957-6"-4	6.30	4	2.75	3.25	4.53	7.76	3.72	3.46	0.14	M10	13.45
7-576-065	4957-6"-5	6.30	5	2.75	3.25	4.53	8.82	3.72	3.46	0.14	M10	15.21
7-576-066	4957-6"-6	6.30	6	2.75	3.25	6.14	11.42	4.25	3.94	0.14	M10	36.38

W - Chuck diameter



Please select an appropriate chuck

Steel	 Type 4306	Page 70
	 Type 4307	Page 70



Type of mounting



Material of chuck body



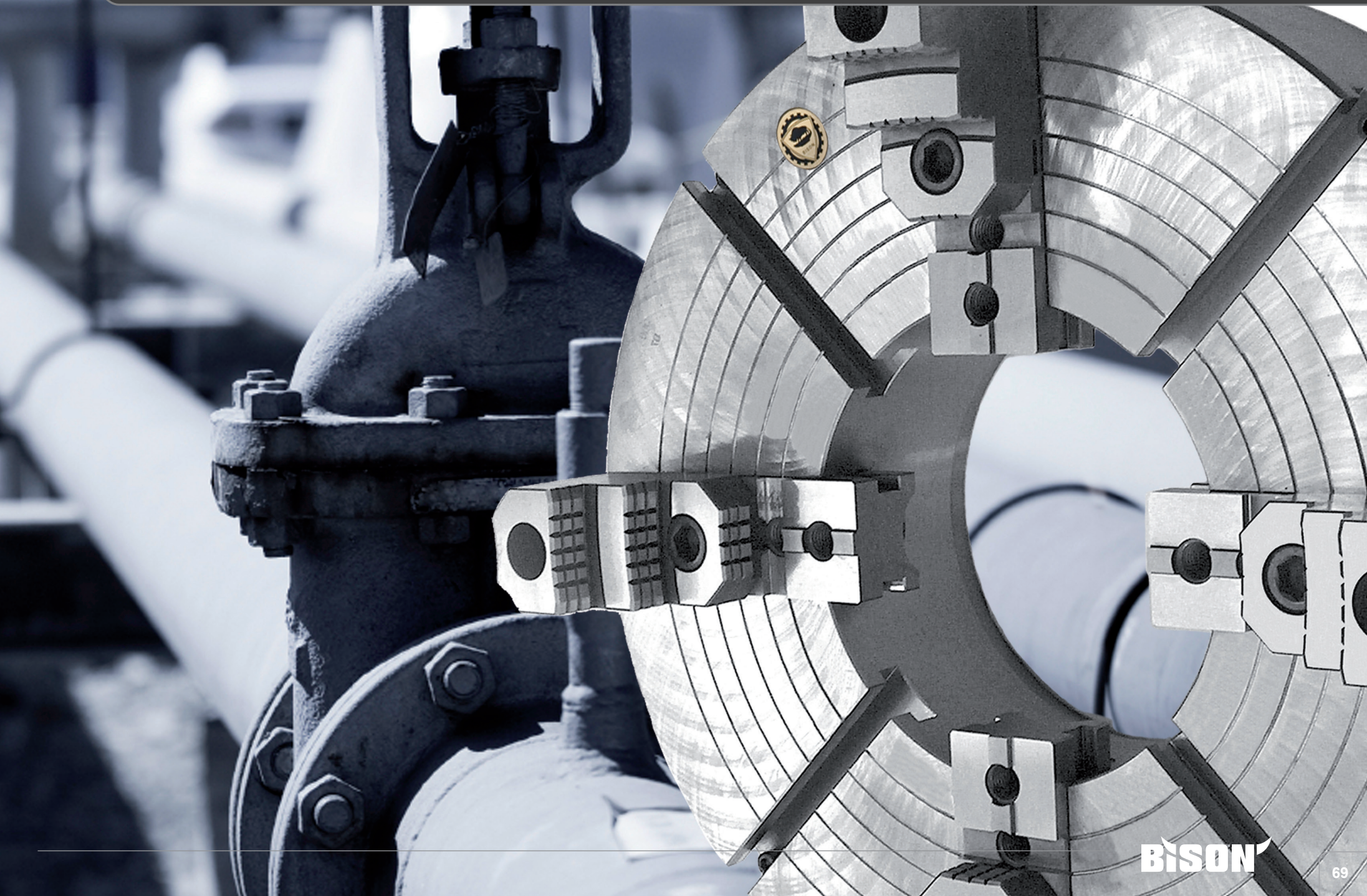
Number of jaws



Type of jaws



INDEPENDENT CHUCKS



1

2

3

4

5

6

**4306**

Standard accessories



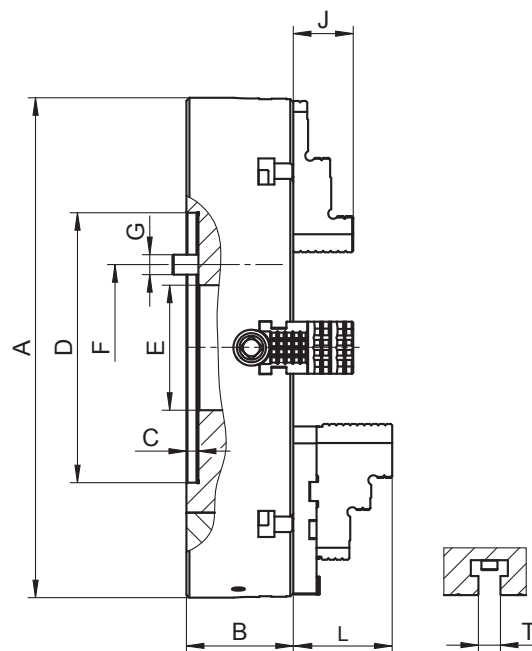
1 Set of solid reversible jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

■ Chucks $\varnothing 10"$ and above have additional T-slots

Code No.	Type
7-850-0200	4306-3"
7-850-0300	4306-3.5"
7-850-0400	4306-4"
7-850-0500	4306-5"
7-850-0600	4306-6"
7-850-0800F	4306-8"
7-850-1000F	4306-10"
7-850-1200F	4306-12"
7-850-1600F	4306-16"
7-850-2000F	4306-20"
7-850-2500F	4306-25"

A [in]	B [in]	C [in]	D H7 [in]	E [in]	F [in]	G	J [in]	L [in]	T [in]	Weight [lbs]
3.15	1.26	0.10	2.75	0.79	2.13	4xM6	0.73	-	-	3.53
3.39	1.57	0.20	2.44	0.98	2.83	4xM6	0.67	-	-	4.19
3.94	1.57	0.10	3.13	0.98	2.13	4xM8	0.67	-	-	5.51
5.12	1.69	0.10	2.75	1.02	2.13	4xM8	0.79	-	-	10.58
6.14	1.69	0.10	3.25	1.65	2.75	4xM10	0.79	-	-	14.55
7.87	2.85	0.20	4.33	1.97	3.25	4xM10	1.59	1.83	-	39.68
9.84	3.05	0.28	5.91	2.56	4.13	4xM12	1.59	2.38	0.55	59.52
12.40	3.43	0.28	6.89	3.15	5.25	4xM16	1.96	2.40	0.71	110.23
15.75	3.62	0.39	7.87	3.94	6.75	4xM16	1.96	2.85	0.71	189.60
19.69	4.21	0.47	10.63	4.92	9.25	4xM20	2.35	3.85	0.87	341.72
24.80	5.00	0.47	10.63	6.30	9.25	4xM20	2.35	3.85	0.87	661.39

Larger diameters available on page 82-93!

4307

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
-	-
-	-
-	-
-	-
-	-
4307-8"	7-855-0800F
4307-10"	7-855-1000F
4307-12"	7-855-1200F
4307-16"	7-855-1600F
4307-20"	7-855-2000F
4307-25"	7-855-2500F



Type of mounting



Material of chuck body



Number of jaws



Type of jaws



4304



Standard accessories



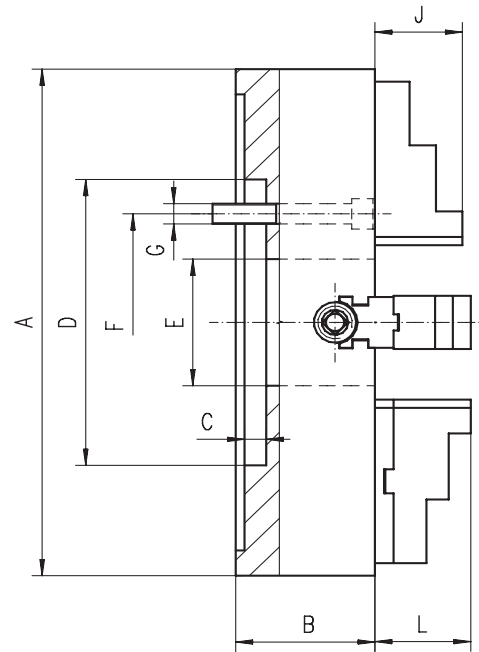
1 Set of solid reversible jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



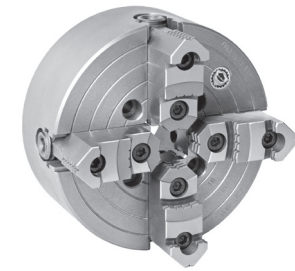
■ Chucks $\phi 10"$ and above have additional T-slots

Code No.	Type
7-850-0800	4304-8"
7-850-1000	4304-10"
7-850-1200	4304-12"
7-850-1600	4304-16"
7-850-2000	4304-20"
7-850-2500	4304-25"

A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	J [in]	L [in]	Weight [lbs]
7.87	3.15	0.20	4.33	1.97	3.25	4xM10	1.59	1.83	30.86
9.84	3.35	0.28	5.91	2.56	4.13	4xM12	1.59	2.38	55.12
12.40	3.74	0.28	6.89	3.15	5.25	4xM16	1.96	2.40	85.98
15.75	4.13	0.39	7.87	3.94	6.75	4xM16	1.96	2.85	134.48
19.69	4.72	0.47	10.63	4.92	9.25	4xM20	2.35	3.85	231.49
24.80	5.51	0.47	10.63	6.30	9.25	4xM20	2.35	3.85	359.35

Larger diameters available on page 82-93!

4305



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
4305-8"	7-850-0822
4305-10"	7-850-1022
4305-12"	7-850-1222
4305-16"	7-850-1622
4305-20"	7-850-2022
4305-25"	7-850-2522

4314



Standard accessories



1 Set of solid reversible jaws

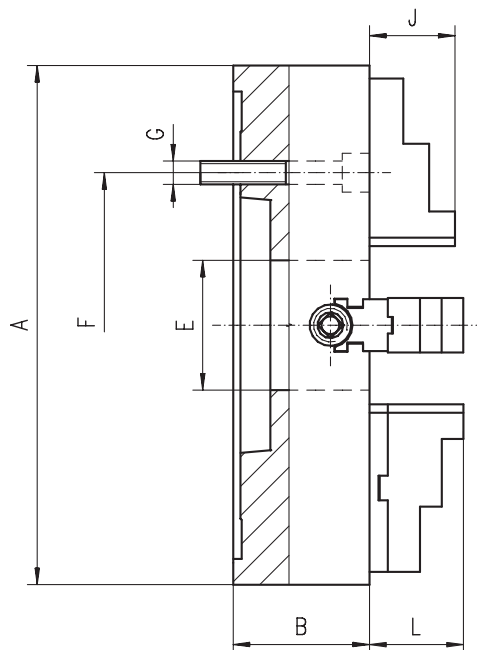


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-851-0826	4314-8"-4
7-851-0815	4314-8"-5
7-851-0816	4314-8"-6
7-851-1024	4314-10"-4
7-851-1025	4314-10"-5
7-851-1016	4314-10"-6
7-851-1018	4314-10"-8
7-851-1215	4314-12"-5
7-851-1226	4314-12"-6
7-851-1218	4314-12"-8
7-851-1626	4314-16"-6
7-851-1628	4314-16"-8
7-851-1619	4314-16"-11
7-851-2026	4314-20"-6
7-851-2028	4314-20"-8
7-851-2019	4314-20"-11
7-851-2039	4314-20"-15
7-851-2528	4314-25"-8
7-851-2519	4314-25"-11
7-851-2539	4314-25"-15

■ Chucks $\phi 10"$ and above have additional T-slots

A [in]	Taper Size	B [in]	E [in]	F [in]	No. of bolts	G		J [in]	L [in]	Weight [lbs]
						4314	4315			
7.87	4	3.15	1.97	3.25	4	7/16-14	M10	1.59	1.83	37.48
7.87	5	3.15	1.97	4.13	4	7/16-14	M10	1.59	1.83	37.48
7.87	6	3.15	1.97	5.25	4	1/2-13	M12	1.59	1.83	37.48
9.84	4	3.35	2.56	3.25	8	7/16-14	M10	1.59	2.38	56.22
9.84	5	3.35	2.56	4.13	8	7/16-14	M10	1.59	2.38	56.22
9.84	6	3.35	2.56	5.25	4	1/2-13	M12	1.59	2.38	56.22
9.84	8	3.35	2.56	6.75	4	5/8-11	M16	1.59	2.38	56.22
12.40	5	3.74	3.15	4.13	4	7/16-14	M10	1.96	2.40	88.18
12.40	6	3.74	3.15	5.25	8	1/2-13	M12	1.96	2.40	88.18
12.40	8	3.74	3.15	6.75	4	5/8-11	M16	1.96	2.40	88.18
15.75	6	4.13	3.94	5.25	8	1/2-13	M12	1.96	2.85	143.30
15.75	8	4.13	3.94	6.75	4	5/8-11	M16	1.96	2.85	143.30
15.75	11	4.13	3.94	9.25	4	3/4-10	M20	1.96	2.85	143.30
19.69	6	4.72	3.94	5.25	4	1/2-13	M12	2.35	3.85	251.33
19.69	8	4.72	4.92	6.75	8	5/8-11	M16	2.35	3.85	251.33
19.69	11	4.72	4.92	9.25	8	3/4-10	M20	2.35	3.85	251.33
19.69	15	4.72	4.92	13.00	4	7/8-9	M24	2.35	3.85	251.33
24.80	8	5.51	4.92	6.75	8	5/8-11	M16	2.35	3.85	363.76
24.80	11	5.51	6.30	9.25	8	3/4-10	M20	2.35	3.85	363.76
24.80	15	5.51	6.30	13.00	4	7/8-9	M24	2.35	3.85	363.76

Larger diameters available on page 82-93!

4315



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
4315-8"-4	7-851-08262
4315-8"-5	7-851-08152
4315-8"-6	7-851-08162
4315-10"-4	7-851-10242
4315-10"-5	7-851-10252
4315-10"-6	7-851-10162
4315-10"-8	7-851-10182
4315-12"-5	7-851-12152
4315-12"-6	7-851-12262
4315-12"-8	7-851-12182
4315-16"-6	7-851-16262
4315-16"-8	7-851-16282
4315-16"-11	7-851-16192
4315-20"-6	7-851-20162
4315-20"-8	7-851-20282
4315-20"-11	7-851-20192
4315-20"-15	7-851-20392
4315-25"-8	7-851-25282
4315-25"-11	7-851-25192
4315-25"-15	7-851-25392



Type of mounting



Material of chuck body



Number of jaws



Type of jaws



4334



Standard accessories



1 Set of solid reversible jaws

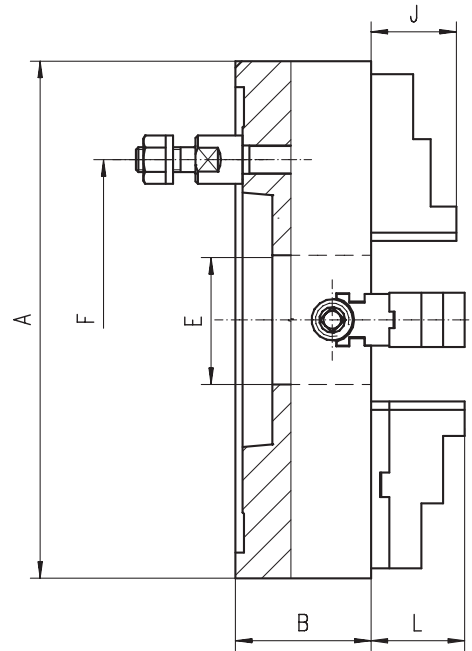


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-852-0834	4334-8"-4
7-852-0835	4334-8"-5
7-852-0836	4334-8"-6
7-852-1035	4334-10"-5
7-852-1036	4334-10"-6
7-852-1038	4334-10"-8
7-852-1235	4334-12"-5
7-852-1236	4334-12"-6
7-852-1238	4334-12"-8
7-852-1239	4334-12"-11
7-852-1635	4334-16"-5
7-852-1636	4334-16"-6
7-852-1638	4334-16"-8
7-852-1639	4334-16"-11
7-852-2036	4334-20"-6
7-852-2038	4334-20"-8
7-852-2039	4334-20"-11
7-852-2049	4334-20"-15
7-852-2538	4334-25"-8
7-852-2539	4334-25"-11
7-852-2549	4334-25"-15



■ Chucks ø10" and above have additional T-slots

A [in]	Taper Size	B [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
7.87	4	3.15	1.97	3.35	3	1.59	1.83	36.38
7.87	5	3.15	1.97	4.13	4	1.59	1.83	36.38
7.87	6	3.15	1.97	5.25	4	1.59	1.83	36.38
9.84	5	3.35	2.56	4.13	4	1.59	2.38	60.63
9.84	6	3.35	2.56	5.25	4	1.59	2.38	60.63
9.84	8	3.35	2.56	6.75	4	1.59	2.38	60.63
12.40	5	3.74	3.15	4.13	4	1.96	2.40	87.08
12.40	6	3.74	3.15	5.25	4	1.96	2.40	87.08
12.40	8	3.74	3.15	6.75	4	1.96	2.40	87.08
12.40	11	3.74	3.15	9.25	6	1.96	2.40	87.08
15.75	5	4.13	3.13	4.13	4	1.96	2.85	132.28
15.75	6	4.13	3.94	5.25	4	1.96	2.85	132.28
15.75	8	4.13	3.94	6.75	4	1.96	2.85	132.28
15.75	11	4.13	3.94	9.25	6	1.96	2.85	132.28
19.69	6	4.72	3.94	5.25	4	2.35	3.85	210.54
19.69	8	4.72	4.92	6.75	4	2.35	3.85	210.54
19.69	11	4.72	4.92	9.25	6	2.35	3.85	210.54
19.69	15	4.72	4.92	13.00	6	2.35	3.85	210.54
24.80	8	5.51	4.92	6.75	4	2.35	3.85	363.76
24.80	11	5.51	6.30	9.25	6	2.35	3.85	363.76
24.80	15	5.51	6.30	13.00	6	2.35	3.85	363.76

Larger diameters available on page 82-93!

4335



Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
4335-8"-4	7-852-08342
4335-8"-5	7-852-08352
4335-8"-6	7-852-08362
4335-10"-5	7-852-10352
4335-10"-6	7-852-10362
4335-10"-8	7-852-10382
4335-12"-5	7-852-12352
4335-12"-6	7-852-12362
4335-12"-8	7-852-12382
4335-12"-11	7-852-12392
4335-16"-5	7-852-16352
4335-16"-6	7-852-16362
4335-16"-8	7-852-16382
4335-16"-11	7-852-16392
4335-20"-6	7-852-20362
4335-20"-8	7-852-20382
4335-20"-11	7-852-20392
4335-20"-15	7-852-20492
4335-25"-8	7-852-25382
4335-25"-11	7-852-25392
4335-25"-15	7-852-25492

4344

Standard accessories



1 Set of solid reversible jaws

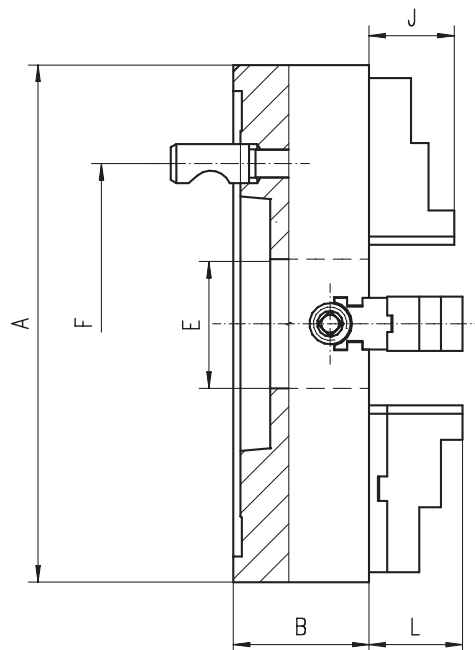


1 Wrench

Spare parts 99-141

Technical data 142-148

Code No.	Type
7-853-0833	4344-8"-3
7-853-0834	4344-8"-4
7-853-0835	4344-8"-5
7-853-0836	4344-8"-6
7-853-1033	4344-10"-3
7-853-1034	4344-10"-4
7-853-1035	4344-10"-5
7-853-1036	4344-10"-6
7-853-1038	4344-10"-8
7-853-1235	4344-12"-5
7-853-1236	4344-12"-6
7-853-1238	4344-12"-8
7-853-1239	4344-12"-11
7-853-1636	4344-16"-6
7-853-1638	4344-16"-8
7-853-1639	4344-16"-11
7-853-2038	4344-20"-8
7-853-2039	4344-20"-11
7-853-2049	4344-20"-15
7-853-2538	4344-25"-8
7-853-2539	4344-25"-11
7-853-2549	4344-25"-15

■ Chucks $\geq 10"$ and above have additional T-slots

A [in]	Taper Size	B [in]	E [in]	F [in]	No. of Stud bolts	J [in]	L [in]	Weight [lbs]
7.87	3	3.15	1.97	2.78	3	1.59	1.83	36.38
7.87	4	3.15	1.97	3.25	3	1.59	1.83	36.38
7.87	5	3.15	1.97	4.13	6	1.59	1.83	36.38
7.87	6	3.15	1.97	5.25	6	1.59	1.83	36.38
9.84	3	3.35	1.97	2.78	3	1.59	2.38	60.63
9.84	4	3.35	2.36	3.25	3	1.59	2.38	60.63
9.84	5	3.35	2.56	4.13	6	1.59	2.38	60.63
9.84	6	3.35	2.56	5.25	6	1.59	2.38	60.63
9.84	8	3.35	2.56	6.75	6	1.59	2.38	60.63
12.40	5	3.74	3.15	4.13	6	1.96	2.40	87.08
12.40	6	3.74	3.15	5.25	6	1.96	2.40	87.08
12.40	8	3.74	3.15	6.75	6	1.96	2.40	87.08
12.40	11	3.74	3.15	9.25	6	1.96	2.40	87.08
15.75	6	4.13	3.94	5.25	6	1.96	2.85	132.28
15.75	8	4.13	3.94	6.75	6	1.96	2.85	132.28
15.75	11	4.13	3.94	9.25	6	1.96	2.85	132.28
19.69	8	4.72	4.92	6.75	6	2.35	3.85	210.54
19.69	11	4.72	4.92	9.25	6	2.35	3.85	210.54
19.69	15	4.72	4.92	13.00	6	2.35	3.85	210.54
24.80	8	5.51	4.92	6.75	6	2.35	3.85	363.76
24.80	11	5.51	6.30	9.25	6	2.35	3.85	363.76
24.80	15	5.51	6.30	13.00	6	2.35	3.85	363.76

Larger diameters available on page 82-93!

4345

Standard accessories



1 Set of hard top jaws



1 Set of hard master jaws



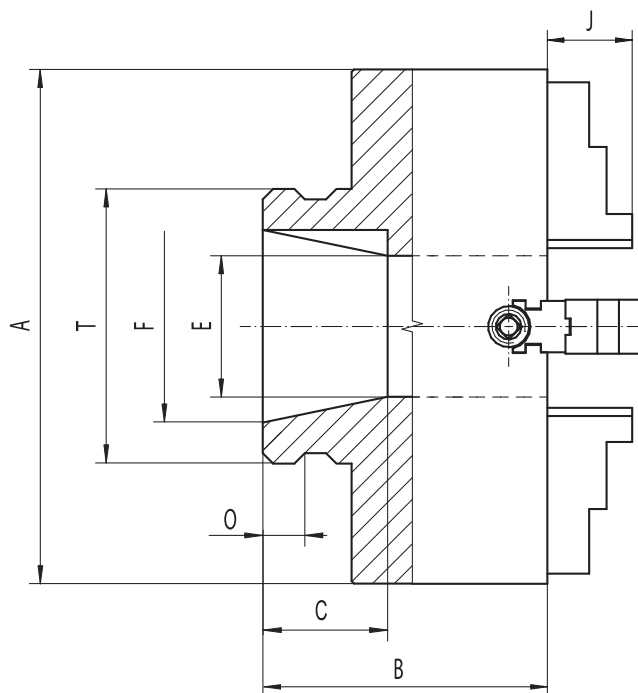
1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
4345-8"-3	7-853-08332
4345-8"-4	7-853-08342
4345-8"-5	7-853-08352
4345-8"-6	7-853-08362
4345-10"-3	7-853-10332
4345-10"-4	7-853-10342
4345-10"-5	7-853-10352
4345-10"-6	7-853-10362
4345-10"-8	7-853-10382
4345-12"-5	7-853-12352
4345-12"-6	7-853-12362
4345-12"-8	7-853-12382
4345-12"-11	7-853-12392
4345-16"-6	7-853-16362
4345-16"-8	7-853-16382
4345-16"-11	7-853-16392
4345-20"-8	7-853-20382
4345-20"-11	7-853-20392
4345-20"-15	7-853-20492
4345-25"-8	7-853-25382
4345-25"-11	7-853-25392
4345-25"-15	7-853-25492





■ Chucks $\phi 10"$ and above have additional T-slots

A [in]	Taper Size	B [in]	C [in]	E [in]	E max [in]	F [in]	J [in]	O [in]	T [in]	Weight [lbs]
7.87	L00	4.06	2.13	1.97	1.97	2-3/4	1.59	0.55	3-3/4 - 6	34
7.87	L0	4.45	2.52	1.97	1.97	3-1/4	1.59	0.59	4-1/2 - 6	34
9.84	L00	4.06	2.13	2.56	2.56	2-3/4	1.59	0.55	3-3/4 - 6	57
9.84	L0	4.45	2.52	2.56	2.95	3-1/4	1.59	0.59	4-1/2 - 6	57
9.84	L1	4.96	2.99	2.56	2.95	4-1/8	1.59	0.63	6 - 6	57
12.40	L0	4.72	2.52	3.15	3.35	3-1/4	1.96	0.59	4-1/2 - 6	119
12.40	L1	5.20	2.99	3.15	3.78	4-1/8	1.96	0.63	6 - 6	119
12.40	L2	5.71	3.50	3.15	3.62	5-1/4	1.96	0.87	7-3/4 - 5	119
15.75	L1	5.20	2.99	3.94	4.13	4-1/8	1.96	0.63	6 - 6	154
15.75	L2	5.71	3.50	3.94	4.72	5-1/4	1.96	0.87	7-3/4 - 5	154
19.69	L2	6.06	3.50	4.92	5.31	5-1/4	2.35	0.87	7-3/4 - 5	256

Larger diameters available on page 82-93!

4354



Standard accessories



1 Set of solid reversible jaws



1 Wrench

Spare parts 99-141

Technical data 142-148

Type	Code No.
4354-8" L00	7-854-0841
4354-8" L0	7-854-0842
4354-10" L00	7-854-1041
4354-10" L0	7-854-1042
4354-10" L1	7-854-1043
4354-12" L0	7-854-1242
4354-12" L1	7-854-1243
4354-12" L2	7-854-1244
4354-16" L1	7-854-1643
4354-16" L2	7-854-1644
4354-20" L2	7-854-2044

1

2

3

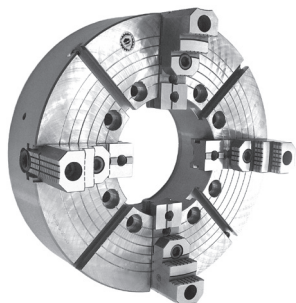
4

5

6



4307 HD



Standard accessories



1 Set of hard top jaws



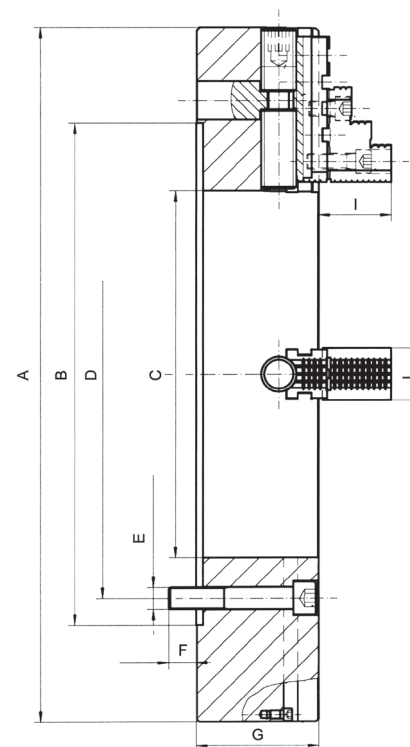
1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- BISON OIL COUNTRY CHUCKS HD with large through-holes are designed for gripping long and heavy workpieces or pipes during heavy-duty (HD) machining
- High gripping force
- High accuracy
- Heavy-duty operations
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

Type	Code No.
4307-40"-22.05" HD	7-859-4021

A [in]	B [in]	C [in]	D [in]	E	F [in]	G [in]	I [in]	K [in]	L [in]	Clamping range [in]	Torque on wrench [lb/ft]	Gripping force per jaw [lbf]	Max. rpm	Weight [lbs]
39.37	28.54	22.05	25.49	1.1/4"-UNC	1.53	6.89	4.05	1.10	2.95	6.69 - 39.37	370	11,240	430	1,690

Larger diameters available on page 82-93!



Type of mounting



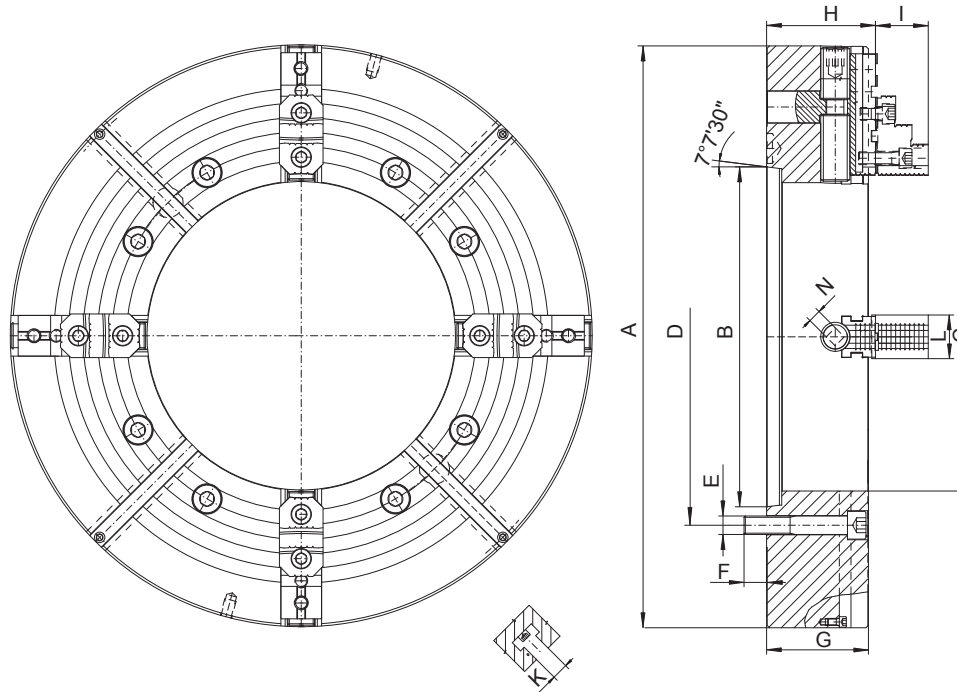
Material of chuck body



Number of jaws



Type of jaws

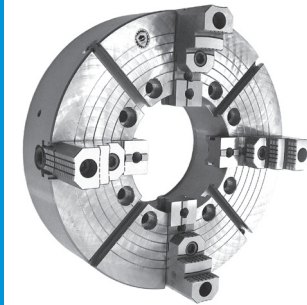


- BISON OIL COUNTRY CHUCKS HD with large through-holes are designed for gripping long and heavy workpieces or pipes during heavy-duty (HD) machining
- High gripping force
- High accuracy
- Heavy-duty operations
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

A [in]	Taper Size	B [in]	C [in]	D [in]	E	F [in]	G [in]	H [in]	I [in]	K [in]	L [in]	N [in]	Clamping range [in]	Torque on wrench [lb/ft]	Gripping force per jaw [lbf]	Max. rpm	Weight [lbs]
16.34	8	5.50	5.35	6.75	4xM16	0.84	5.71	6.07	2.98	0.71	2.44	0.75	1.77 - 16.34	259	7,190	1,200	320
16.34	11	7.75	6.61	9.25	4xM20	1.00	5.71	6.07	2.98	0.71	2.44	0.75	1.77 - 16.34	259	7,190	1,200	302
19.69	11	7.75	6.61	9.25	8xM20	1.00	5.71	6.07	2.98	0.87	2.36	0.75	1.77 - 19.69	259	7,190	1,000	450
19.69	15	11.25	8.07	13.00	8xM24	1.24	5.71	6.07	2.98	0.87	2.36	0.75	1.77 - 19.69	259	7,190	1,000	414
24.80	15	11.25	10.63	13.00	8xM24	1.34	6.10	6.58	3.57	0.87	2.95	0.87	1.97 - 24.80	296	8,320	850	683
24.80	20	16.25	10.63	18.25	8xM24	1.50	6.10	6.58	3.57	0.87	2.95	0.87	1.97 - 24.80	296	8,320	850	650
24.80	20	16.25	12.60	18.25	8xM24	1.50	6.10	6.58	3.57	0.87	2.95	0.87	3.94 - 24.80	296	8,320	850	661
27.95	15	11.25	10.63	13.00	8xM24	1.34	6.10	6.58	3.57	0.87	2.95	0.87	2.95 - 27.95	331	9,217	750	914
27.95	20	16.25	12.60	18.25	8xM24	1.50	6.10	6.58	3.57	0.87	2.95	0.87	3.94 - 27.95	331	9,217	750	870
31.50	15	11.25	10.63	13.00	8xM24	1.34	6.50	6.97	3.57	0.87	2.95	0.87	2.95 - 31.50	331	9,217	600	1,289
31.50	20	16.25	12.60	18.25	8xM24	1.50	6.50	6.97	3.57	0.87	2.95	0.87	4.53 - 31.50	331	9,217	600	1,245
31.50	20	16.25	14.57	18.25	8xM24	1.50	6.50	6.97	3.57	0.87	2.95	0.87	6.10 - 31.50	331	9,217	600	1,201
39.37	28	23.00	20.87	25.50	8xM30	1.53	6.89	7.37	3.57	1.10	2.95	0.87	13.78 - 39.37	368	10,116	430	1,686
49.21	15	11.25	11.06	13.00	8xM24	1.13	6.89	7.37	3.57	1.10	2.95	0.87	3.94 - 49.21	368	11,240	350	3,540

Larger diameters available on page 82-93!

4317 HD



Standard accessories

1 Set of hard top jaws

1 Set of hard master jaws

1 Wrench

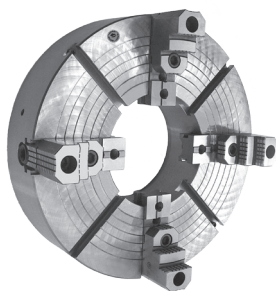
Spare parts 99-141

Technical data 142-148

Type	Code No.
4317-16"-8-5.3" HD	7-859-1620
4317-16"-11-6.5" HD	7-859-1625
4317-20"-11-6.5" HD	7-859-2033
4317-20"-15-8" HD	7-859-2043
4317-25"-15-10.5" HD	7-859-2543
4317-25"-20-10.5" HD	7-859-2550
4317-25"-20-12.5" HD	7-859-2555
4317-28"-15-10.5" HD	7-859-2845
4317-28"-20-12.5" HD	7-859-2853
4317-32"-15-10.5" HD	7-859-3243
4317-32"-20-12.5" HD	7-859-3255
4317-32"-20-14.5" HD	7-859-3257
4317-40"-28-20.5" HD	7-859-4063
4317-49"-15-11" HD	7-859-4915



4347 HD



Standard accessories



1 Set of hard top jaws



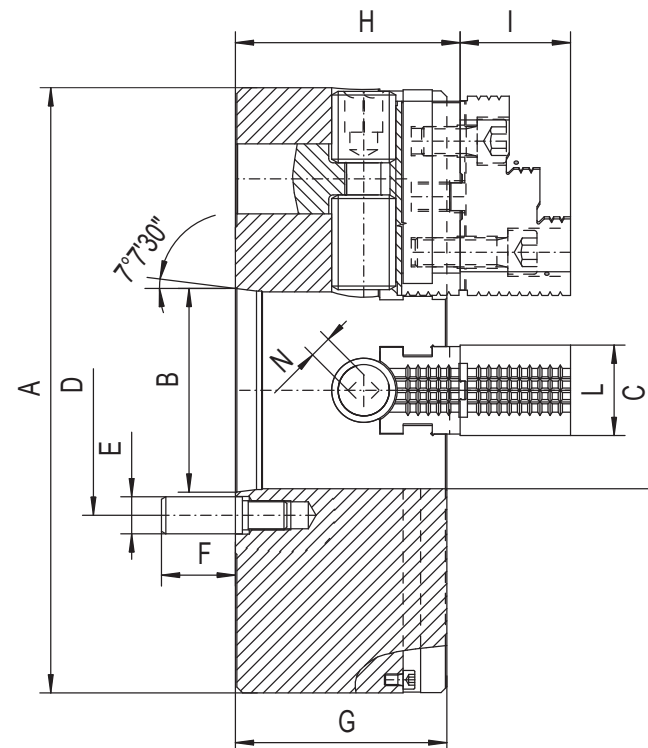
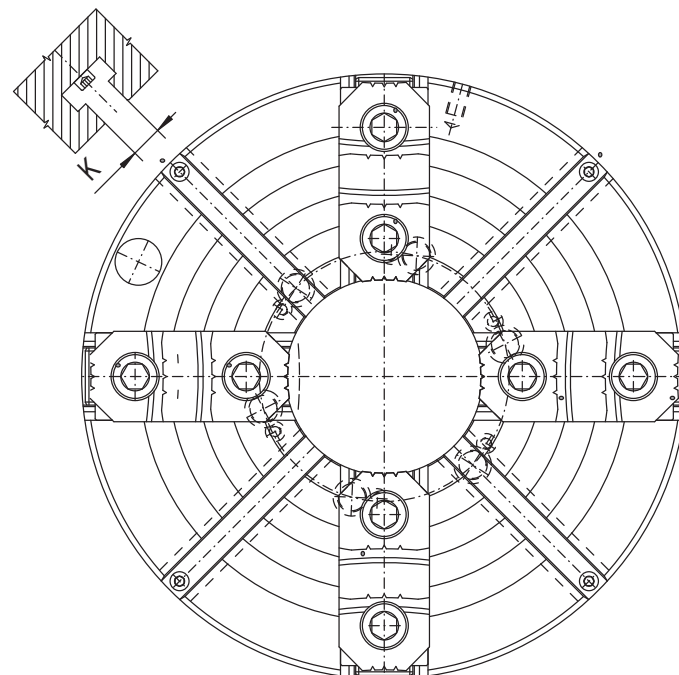
1 Set of hard master jaws



1 Wrench

Spare parts 99-141

Technical data 142-148



- BISON OIL COUNTRY CHUCKS HD with large through-holes are designed for gripping long and heavy workpieces or pipes during heavy-duty (HD) machining
- High gripping force
- High accuracy
- Heavy-duty operations
- Chucks can work individually or in pairs, mounted on opposite sides of the lathe spindle

Code No.	Type
7-859-6150	4347-16"-8-5.3" HD
7-859-6153	4347-16"-11-6.5" HD
7-859-6200	4347-20"-8-5.3" HD
7-859-6203	4347-20"-11-6.5" HD
7-859-6839	4347-28"-11-7.5" HD

A [in]	Taper Size	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	I [in]	K [in]	L [in]	N [in]	Clamping range [in]	Torque on wrench [lb/ft]	Gripping force per jaw [lbf]	Max. rpm	Weight [lbs]
16.34	8	5.50	5.35	6.75	1.00	2.00	5.71	6.07	2.98	0.71	2.36	0.75	1.77 - 15.75	259	7,190	1,200	300
16.34	11	7.75	6.61	9.25	1.19	2.39	5.71	6.07	2.98	0.71	2.36	0.75	1.77 - 15.75	259	7,190	1,200	282
19.69	8	5.50	5.35	6.75	1.00	2.00	5.71	6.07	2.98	0.87	2.36	0.75	1.77 - 19.69	259	7,190	1,000	467
19.69	11	7.75	6.61	9.25	1.19	2.39	5.71	6.07	2.98	0.87	2.36	0.75	1.77 - 19.69	259	7,190	1,000	452
27.95	11	7.75	7.56	9.25	1.19	2.39	6.10	6.58	3.57	0.87	2.95	0.87	2.95 - 27.95	331	9,217	750	992

Larger diameters available on page 82-93!



Type of mounting



Material of chuck body



Number of jaws



Type of jaws



PRODUCT CONFIGURATOR

You need a large diameter chuck or a faceplate?
No problem- now you can use our new product configurator to send us a request quick and easy.
On the following page you will find our form, that you can use as a template or scan the QR-Code on the page below and find the form on our homepage for download.
Send the completed form with your telephone number in case of queries either by fax or email to your local branch. You will receive our offer as soon as possible!

1

2

3

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1

PRODUCT TYPE

- ☐ SELF-CENTERING SCROLL CHUCK ☐ INDEPENDENT CHUCK
- ☐ COMBINATION CHUCK ☐ FACE PLATE

2

MOUNTING

- ☐ CYLINDRICAL MOUNTING ☐ TYPE C
- ☐ TYPE A ☐ TYPE D (CAMLOCK)

3

SIZE

PLEASE SPECIFY YOUR SIZE: IN/MM

4

DESIRED Ø OF THROUGH-HOLE

PLEASE SPECIFY YOUR Ø OF THROUGH-HOLE: IN/MM

5

TAPER

- ☐ 8 ☐ 11 ☐ 15 ☐ 20 ☐ 28

6

NUMBER OF JAWS

- ☐ 2 ☐ 3 ☐ 4 ☐ 6 ☐ 8 ☐ 12

7

JAWS TYPE

- ☐ HARD SOLID JAWS ☐ HARD 2-PIECE JAWS
- ☐ SOFT SOLID JAWS ☐ SOFT 2-PIECE JAWS

8

BODY MATERIAL

- ☐ STEEL ☐ CAST IRON

9

HIGHER ACCURACY

- ☐ YES ☐ NO

10

HEAVY DUTY

- ☐ YES ☐ NO

11

JAW GUIDE PROTECTION

- ☐ YES ☐ NO

12

FRONT MOUNTING

- ☐ YES ☐ NO



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513.823.3167

CONTACT DETAILS

COMPANY NAME:

PHONE NUMBER:

CONTACT PERSON:

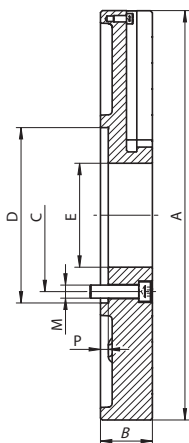
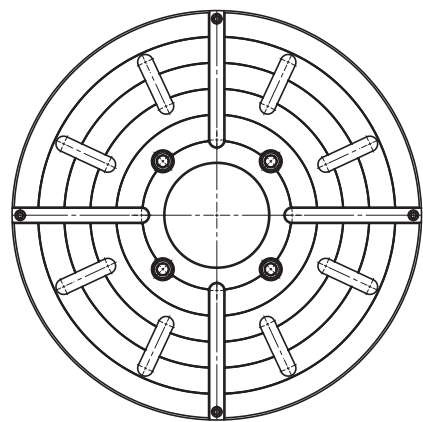
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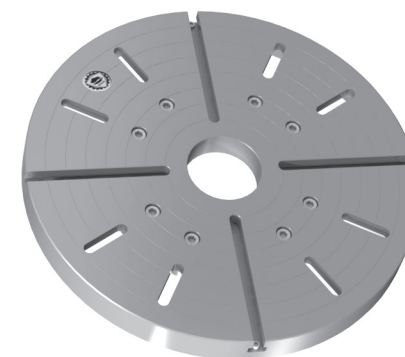
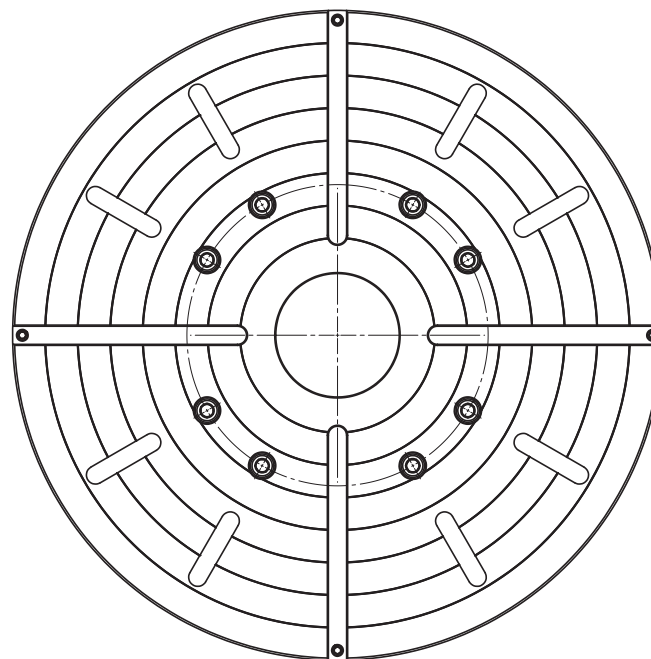
16 - 40" mm

49 - 79" mm

4200



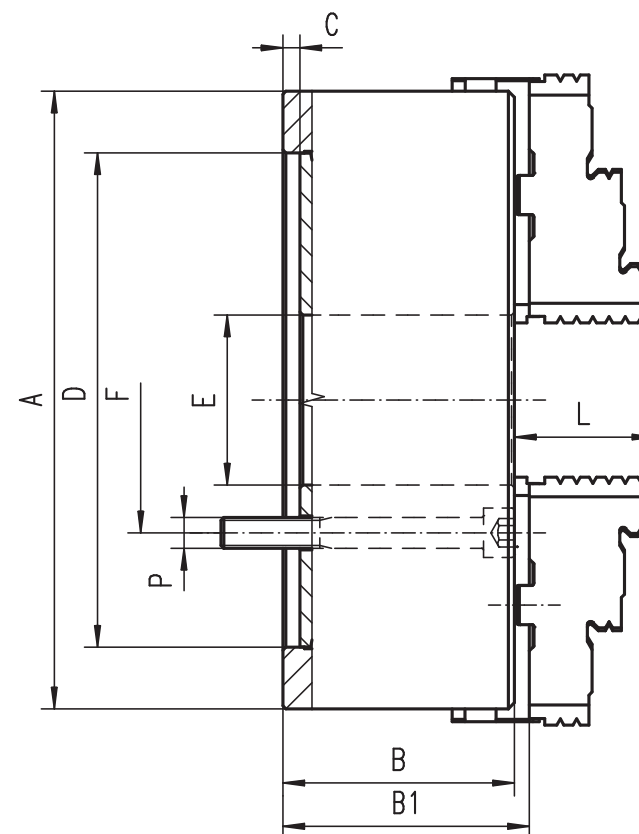
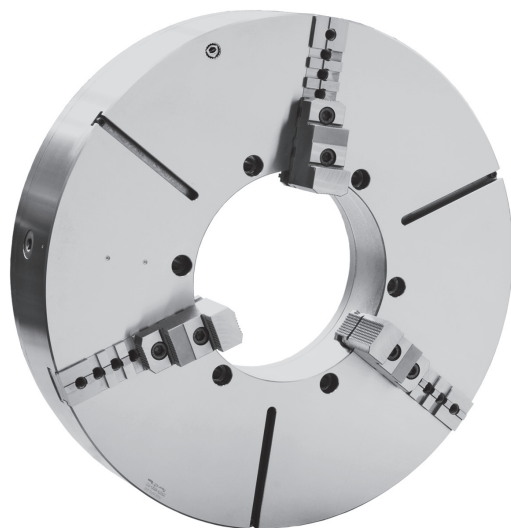
T-Slot



- Plates above $\varnothing 40"$ have additional T-slots
- Available with A, C & D mount type
- Used in turning, drilling, reaming and milling of irregular shaped workpieces

Code No.	Type	$\varnothing A$ [in]	B [in]	C [in]	D [in]	E [in]	M	P [in]	T H12 [in]	Taper Size (optional)			
7-839-1600	4200-16"	15.75	3.07	6.75	7.87	3.94	4xM16	0.39	0.71	6	8	11	15
7-839-2000	4200-20"	19.69	3.07	9.25	10.63	4.92	4xM20	0.47	0.87	6	8	11	15
7-839-2500	4200-25"	24.80	3.15	9.25	10.63	6.30	4xM20	0.47	0.87	11			15
7-839-3200	4200-32"	31.50	3.35	13.00	14.96	7.87	8xM24	0.47	0.87	11			15
7-839-4000	4200-40"	39.37	3.54	18.25	20.47	7.48	8xM24	0.47	1.10	11	15		20
7-839-4900	4200-49"	49.21	3.54	18.25	20.47	7.48	8xM24	0.47	1.10	11	15		20
7-839-5500	4200-55"	55.12	3.74	25.50	28.35	7.48	8xM30	0.47	1.10	11	15	20	28
7-839-6300	4200-63"	62.99	4.33	25.50	28.35	11.02	8xM30	0.47	1.10	15	20		28
7-839-7100	4200-71"	70.87	4.72	25.50	28.35	11.02	8xM30	0.47	1.10	15	20		28
7-839-7900	4200-79"	78.74	5.51	25.50	28.35	11.02	8xM30	0.47	1.10	15	20		28

Box Jaws on page 288-291

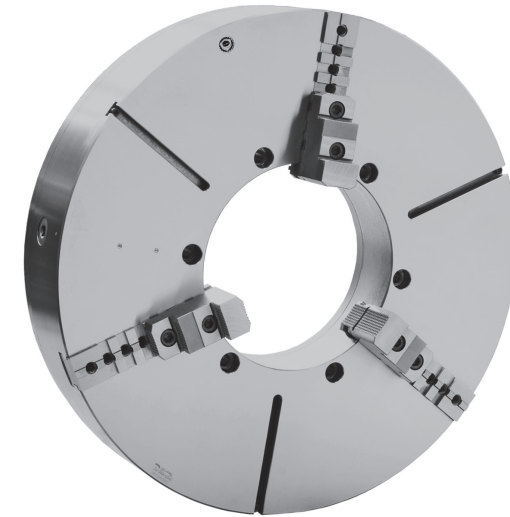
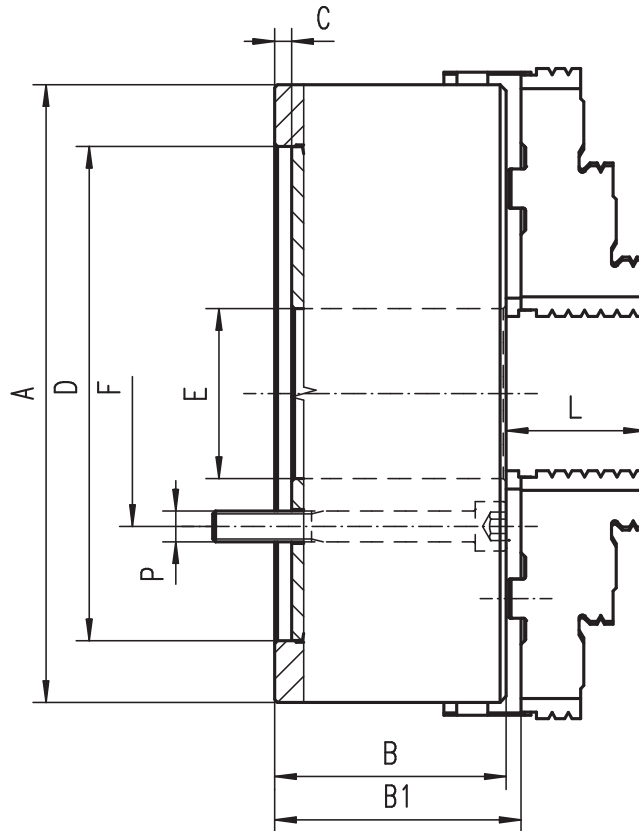
**3505**

- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks have additional T-slots

Code No.	Type	Ø A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	P	L [in]	Weight [lbs]	Taper Size (optional)		
7-820-3200	3307-32**	31.50	5.94	5.96	0.79	17.72	10.51	14.50	6x1-8"	2.76	1,261	-	-	-
7-820-4000	3505-40"	39.37	6.73	7.08	0.47	20.47	16.06	18.25	6xM24	3.92	1,609	11	15	20
7-820-4900	3505-49"	49.21	6.89	7.24	0.47	28.35	22.76	25.50	6xM30	3.92	2,755	15	20	28
7-820-5500	3505-55"	55.12	7.28	7.63	0.47	28.35	22.76	25.50	6xM30	3.92	3,527	15	20	28
7-820-6300	3505-63"	62.99	7.48	7.81	0.47	28.35	22.76	25.50	6xM30	4.02	4,409	20		28
7-820-7100	3505-71"	70.87	7.87	8.20	0.47	28.35	22.76	25.50	6xM30	4.02	6,613	20		28
7-820-7900	3505-79"	78.74	8.27	8.59	0.47	28.35	22.76	25.50	6xM30	4.02	8,818	20		28

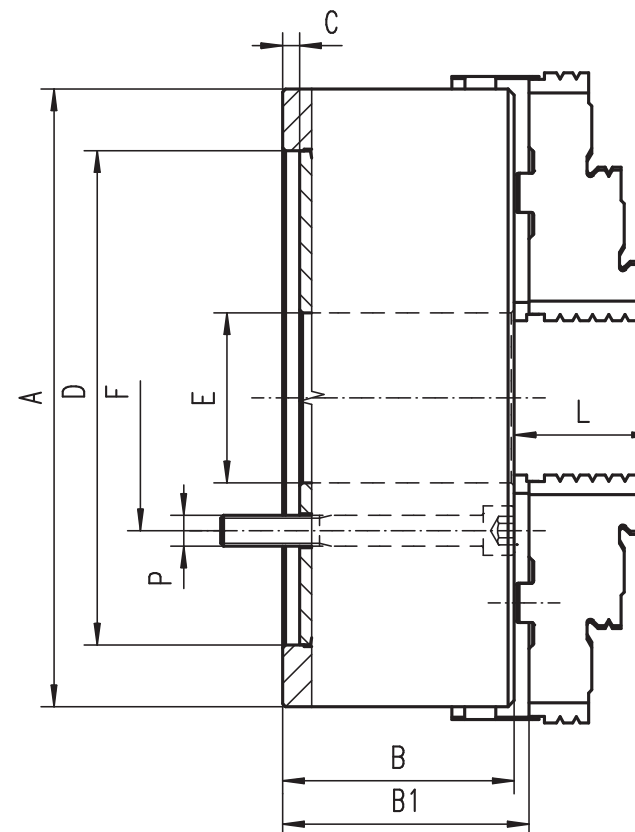
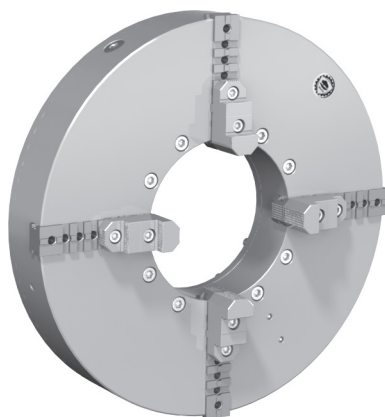
* - Chuck made of cast steel

3205



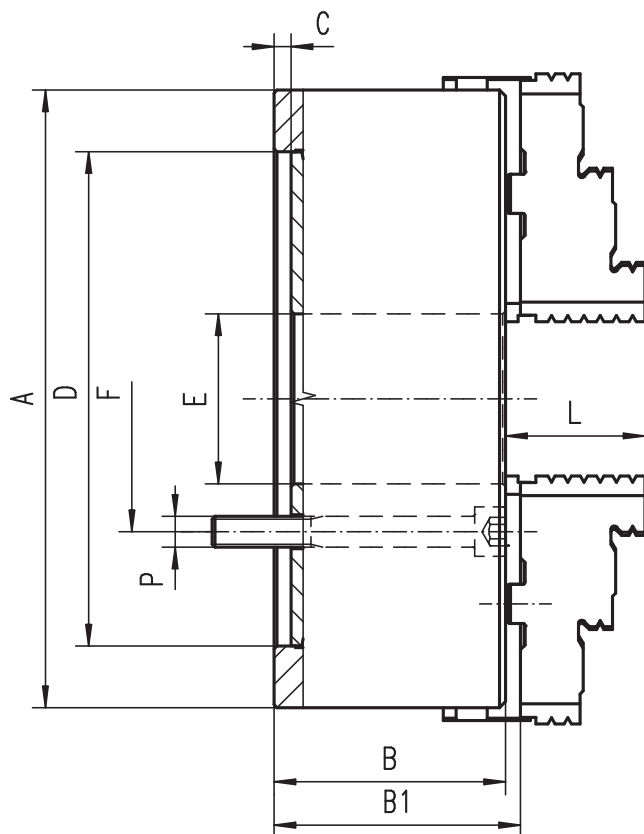
- Ground working surfaces
- Chucks above Ø 40" have additional T-slots

Code No.	Type	Ø A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	P	L [in]	Weight [lbs]	Taper Size (optional)		
7-800-3200	3205-32"	31.50	5.51	5.96	0.47	14.96	11.08	13.00	6xM24	3.43	848	8	11	15
7-800-4000	3205-40"	39.37	6.73	7.08	0.47	20.47	16.06	18.25	6xM24	3.92	1,521	11	15	20
7-800-4900	3205-49"	49.21	6.89	7.24	0.47	28.35	22.76	25.50	6xM30	3.92	2,755	15	20	28
7-800-5500	3205-55"	55.12	7.28	7.63	0.47	28.35	22.76	25.50	6xM30	3.92	3,527	15	20	28
7-800-6300	3205-63"	62.99	7.48	7.87	0.47	28.35	22.76	25.50	6xM30	4.02	4,409	20		28
7-800-7100	3205-71"	70.87	7.87	8.26	0.47	28.35	22.76	25.50	6xM30	4.02	6,613	20		28
7-800-7900	3205-79"	78.74	8.27	8.65	0.47	28.35	22.76	25.50	6xM30	4.02	8,818	20		28

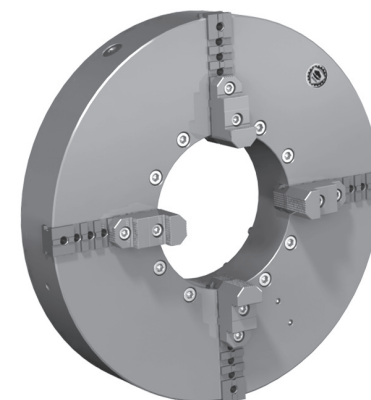
**3705**

- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks have additional T-slots

Code No.	Type	Ø A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	P	L [in]	Weight [lbs]	Taper Size (optional)		
7-841-3200	3705-32"	31.50	5.51	5.96	0.47	14.96	11.08	13.00	8xM24	3.43	1,135	8	11	15
7-841-4000	3705-40"	39.37	6.73	7.08	0.47	20.47	16.06	18.25	8xM24	3.92	1,609	11	15	20
7-841-4900	3705-49"	49.21	6.89	7.24	0.47	28.35	22.76	25.50	8xM30	3.92	2,755	15	20	28
7-841-5500	3705-55"	55.12	7.28	7.63	0.47	28.35	22.76	25.50	8xM30	3.92	3,527	15	20	28
7-841-6300	3705-63"	62.99	7.48	7.81	0.47	28.35	22.76	25.50	8xM30	4.02	4,409	20		28
7-841-7100	3705-71"	70.87	7.87	8.20	0.47	28.35	22.76	25.50	8xM30	4.02	6,613	20		28
7-841-7900	3705-79"	78.74	8.27	8.59	0.47	28.35	22.76	25.50	8xM30	4.02	8,818	20		28

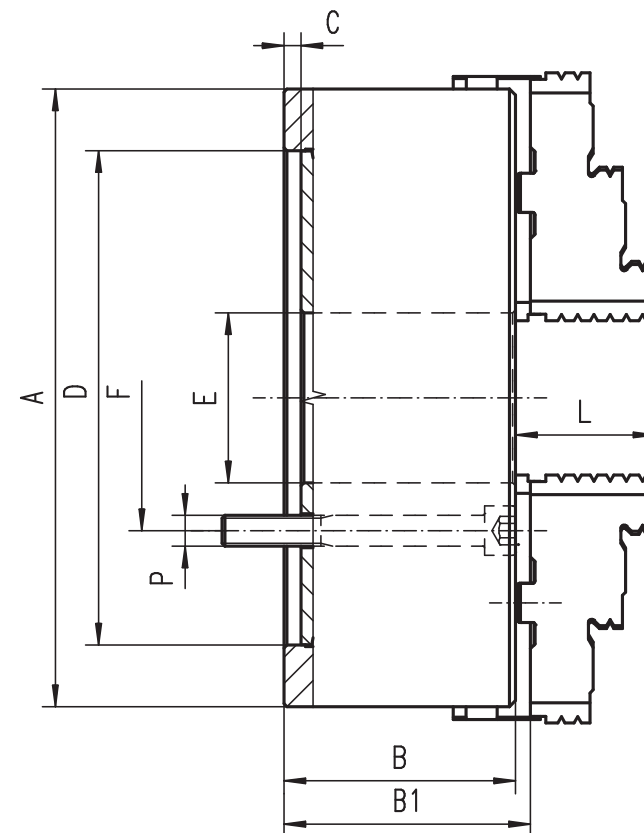
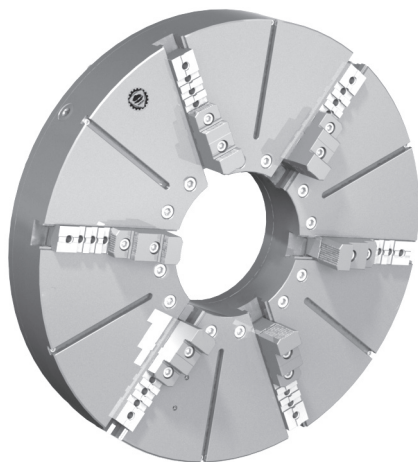


3605



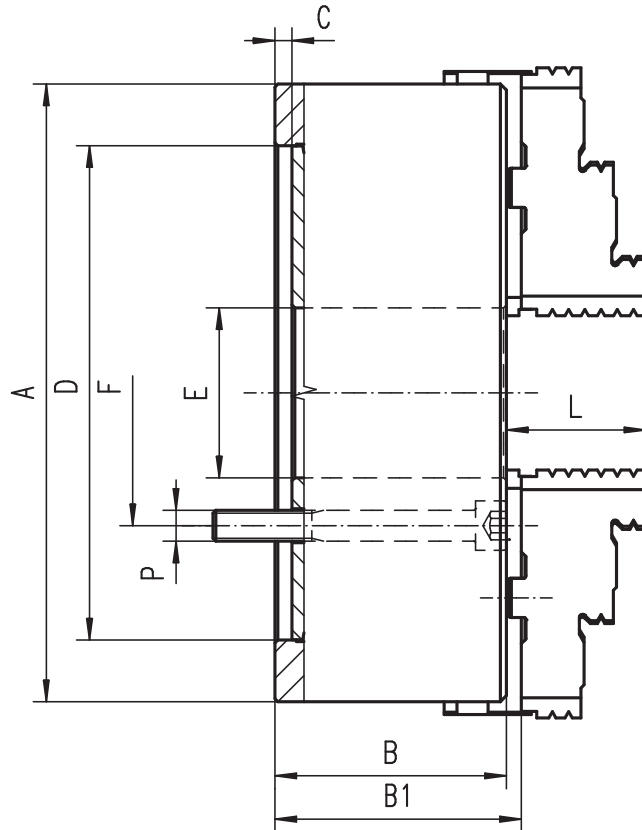
- Ground working surfaces
- Chucks above Ø 40" have additional T-slots

Code No.	Type	Ø A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	P	L [in]	Weight [lbs]	Taper Size (optional)		
7-840-3200	3605-32"	31.50	6.26	6.70	0.47	14.96	11.08	13.00	8xM24	3.43	848	8	11	15
7-840-4000	3605-40"	39.37	6.73	7.08	0.47	20.47	16.06	18.25	8xM24	3.92	1,521	11	15	20
7-840-4900	3605-49"	49.21	6.89	7.24	0.47	28.35	22.76	25.50	8xM30	3.92	2,755	15	20	28
7-840-5500	3605-55"	55.12	7.28	7.63	0.47	28.35	22.76	25.50	8xM30	3.92	3,527	15	20	28
7-840-6300	3605-63"	62.99	7.48	7.87	0.47	28.35	22.76	25.50	8xM30	4.02	4,409	20		28
7-840-7100	3605-71"	70.87	7.87	8.26	0.47	28.35	22.76	25.50	8xM30	4.02	6,613	20		28
7-840-7900	3605-79"	78.74	8.27	8.65	0.47	28.35	22.76	25.50	8xM30	4.02	8,818	20		28

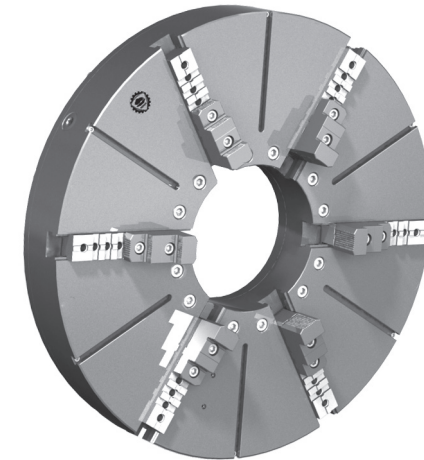
**3807**

- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks have additional T-slots

Code No.	Type	Ø A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	P	L [in]	Weight [lbs]	Taper Size (optional)		
7-837-1320	3807-32"	31.50	6.26	6.70	0.47	14.96	11.08	13.00	6xM24	3.43	881	8	11	15
7-837-1400	3807-40"	39.37	6.73	7.08	0.47	20.47	16.06	18.25	6xM24	3.92	1,543	11	15	20
7-837-1490	3807-49"	49.21	6.89	7.24	0.47	28.35	22.76	25.50	6xM30	3.92	2,755	15	20	28
7-837-1550	3807-55"	55.12	7.28	7.63	0.47	28.35	22.76	25.50	6xM30	3.92	3,527	15	20	28
7-837-1630	3807-63"	62.99	7.48	7.87	0.47	28.35	22.76	25.50	6xM30	4.02	4,409	20		28
7-837-1710	3807-71"	70.87	7.87	8.26	0.47	28.35	22.76	25.50	6xM30	4.02	6,613	20		28
7-837-1790	3807-79"	78.74	8.27	8.65	0.47	28.35	22.76	25.50	6xM30	4.02	8,818	20		28

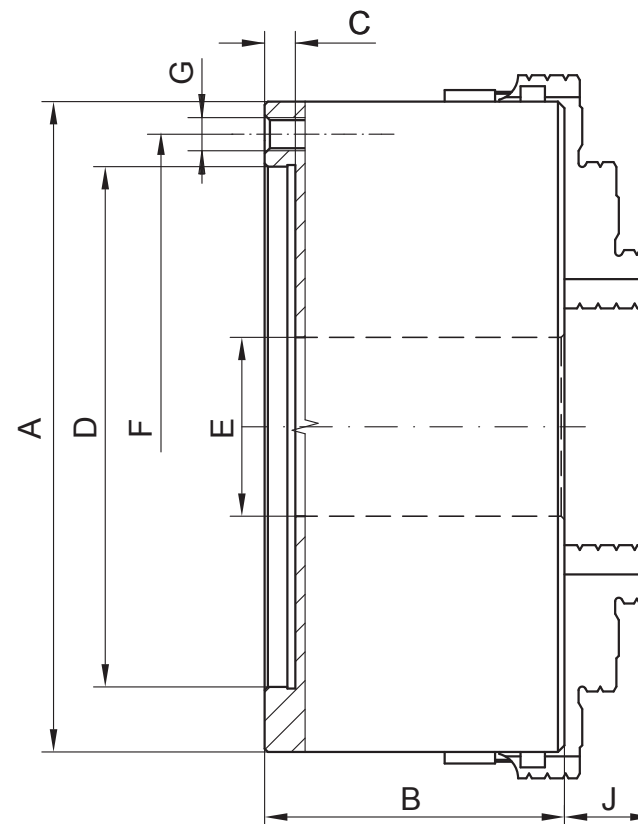
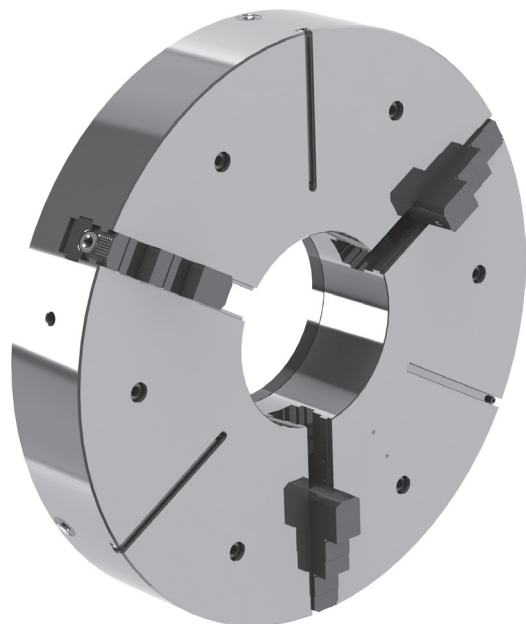


3805



- Ground working surfaces
- Chucks above Ø 40" have additional T-slots

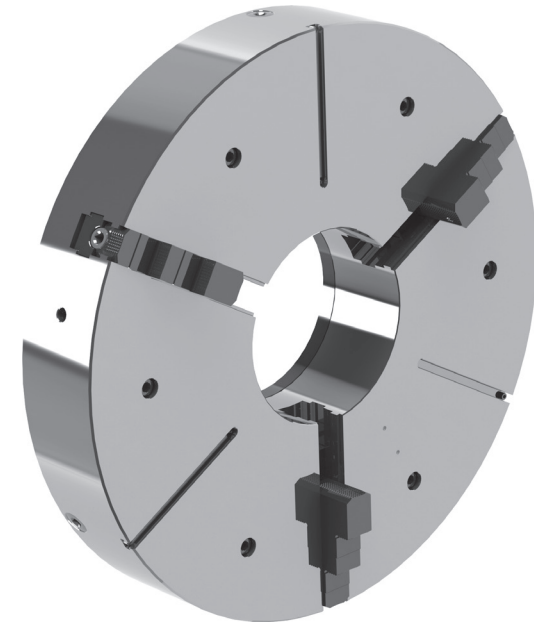
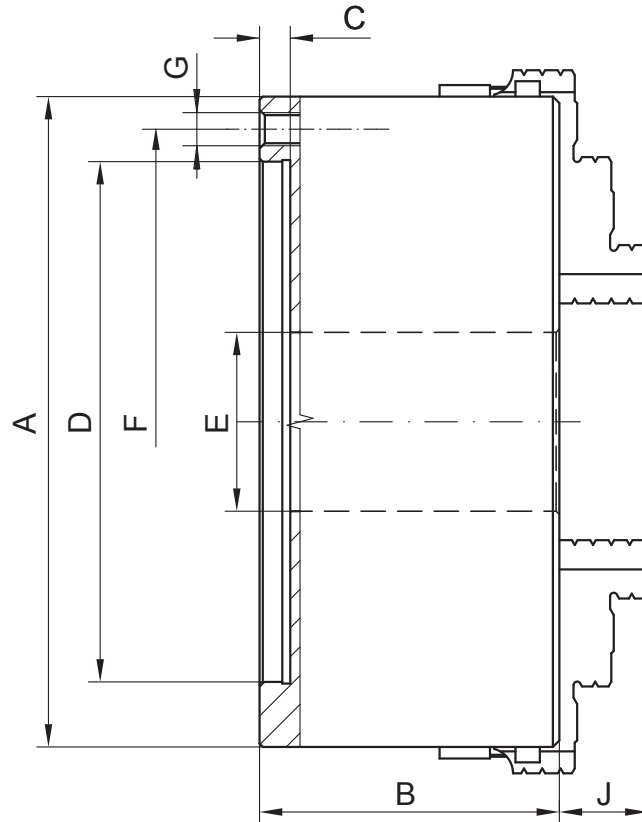
Code No.	Type	Ø A [in]	B [in]	B1 [in]	C [in]	D H7 [in]	E [in]	F [in]	P	L [in]	Weight [lbs]	Taper Size (optional)		
7-837-3320	3805-32"	31.50	6.26	6.70	0.47	14.96	11.08	13.00	6xM24	3.43	881	8	11	15
7-837-3400	3805-40"	39.37	6.73	7.08	0.47	20.47	16.06	18.25	6xM24	3.92	1,543	11	15	20
7-837-3490	3805-49"	49.21	6.89	7.24	0.47	28.35	22.76	25.50	6xM30	3.92	2,755	15	20	28
7-837-3550	3805-55"	55.12	7.28	7.63	0.47	28.35	22.76	25.50	6xM30	3.92	3,527	15	20	28
7-837-3630	3805-63"	62.99	7.48	7.87	0.47	28.35	22.76	25.50	6xM30	4.02	4,409	20		28
7-837-3710	3805-71"	70.87	7.87	8.26	0.47	28.35	22.76	25.50	6xM30	4.02	6,613	20		28
7-837-3790	3805-79"	78.74	8.27	8.65	0.47	28.35	22.76	25.50	6xM30	4.02	8,818	20		28

**4705**

- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks have additional T-slots

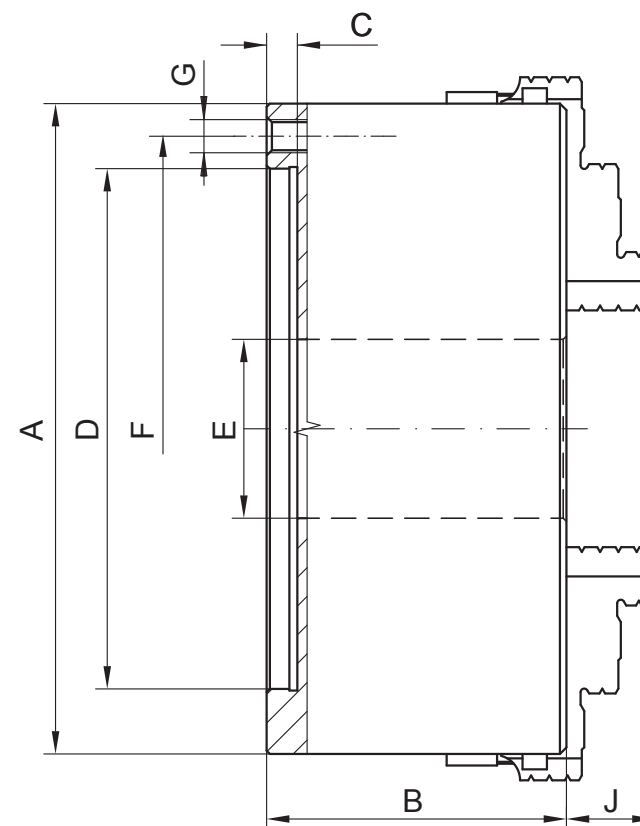
Code No.	Type	Ø A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	J [in]	Taper Size (optional)		
7-849-3210	4705-32"-15"	31.50	7.09	0.47	14.96	11.06	13.00	6xM24	2.95	8	11	15
7-849-4010	4705-40"-20.5"	39.37	8.66	0.47	20.47	16.06	18.25	6xM24	2.95	11	15	20
7-849-4910	4705-49"-28"	49.21	8.82	0.47	28.35	22.76	25.50	6xM30	2.99	15	20	28
7-849-5510	4705-55"-25"	55.12	9.06	0.47	28.35	22.76	25.50	6xM30	3.15	15	20	28
7-849-6310	4705-63"-25"	62.99	9.25	0.47	28.35	22.76	25.50	6xM30	3.15	20		28
7-849-7110	4705-71"-25"	70.87	9.45	0.47	28.35	22.76	25.50	6xM30	3.15	20		28
7-849-7910	4705-79"-25"	78.74	9.84	0.47	28.35	22.76	25.50	6xM30	3.35	20		28

4505



- Ground working surfaces
- Chucks above Ø 40" have additional T-slots

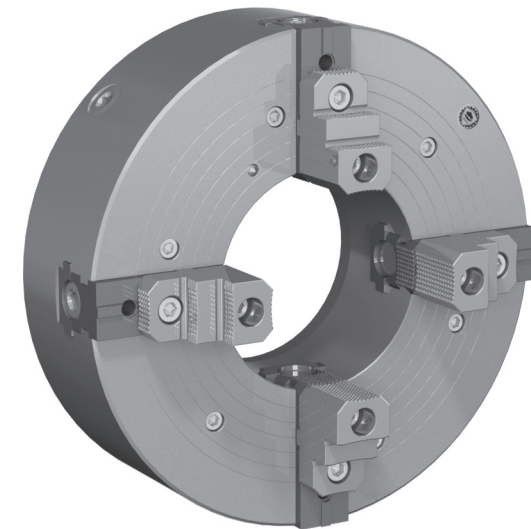
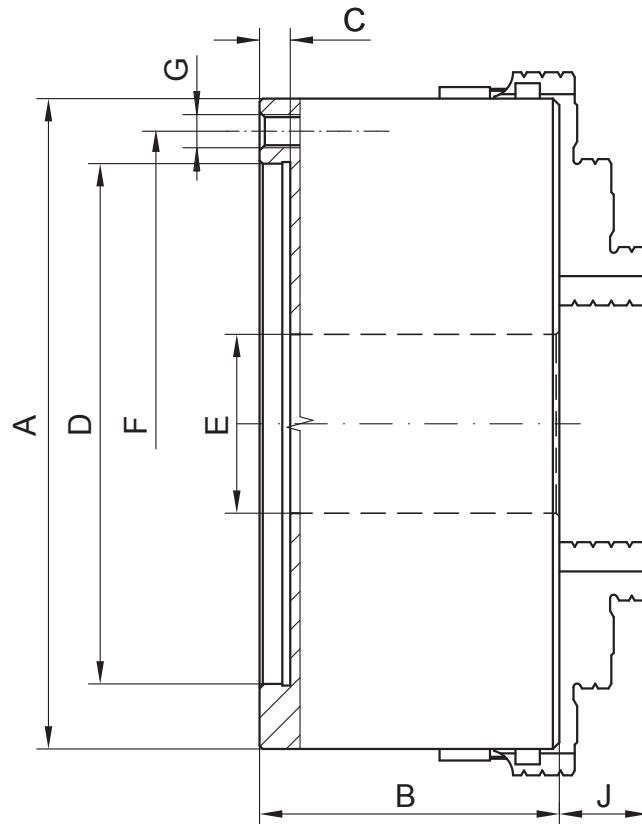
Code No.	Type	Ø A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	J [in]	Taper Size (optional)		
7-848-3210	4505-32"-15"	31.50	7.09	0.47	14.96	11.06	13.00	6xM24	2.95	8	11	15
7-848-4010	4505-40"-20.5"	39.37	8.66	0.47	20.47	16.06	18.25	6xM24	2.95	11	15	20
7-848-4910	4505-49"-28"	49.21	8.82	0.47	28.35	22.76	25.50	6xM30	2.99	15	20	28
7-848-5510	4505-55"-25"	55.12	9.06	0.47	28.35	22.76	25.50	6xM30	3.15	15	20	28
7-848-6310	4505-63"-25"	62.99	9.25	0.47	28.35	22.76	25.50	6xM30	3.15	20		28
7-848-7110	4505-71"-25"	70.87	9.45	0.47	28.35	22.76	25.50	6xM30	3.15	20		28
7-848-7910	4505-79"-25"	78.74	9.84	0.47	28.35	22.76	25.50	6xM30	3.35	20		28

**4805**

- Hardened and ground working surfaces
- Balanced scroll plate
- Chucks have additional T-slots

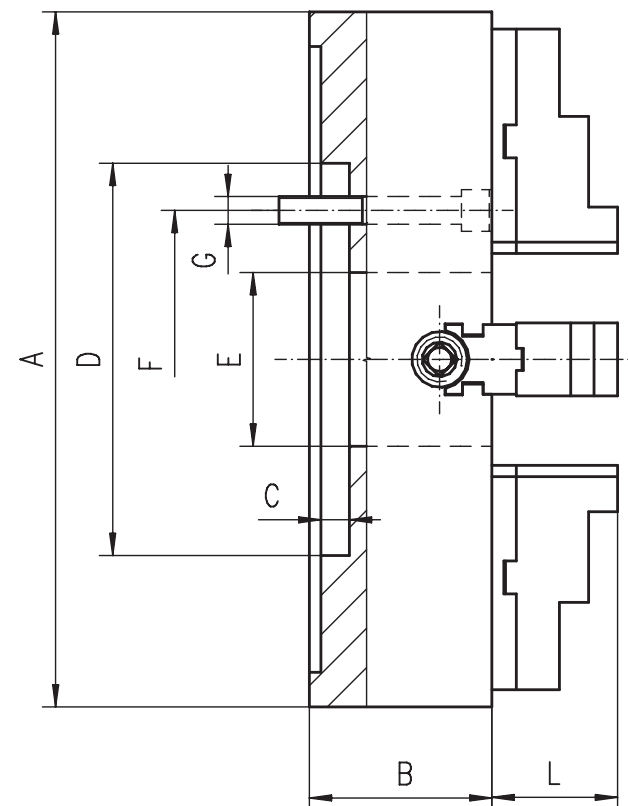
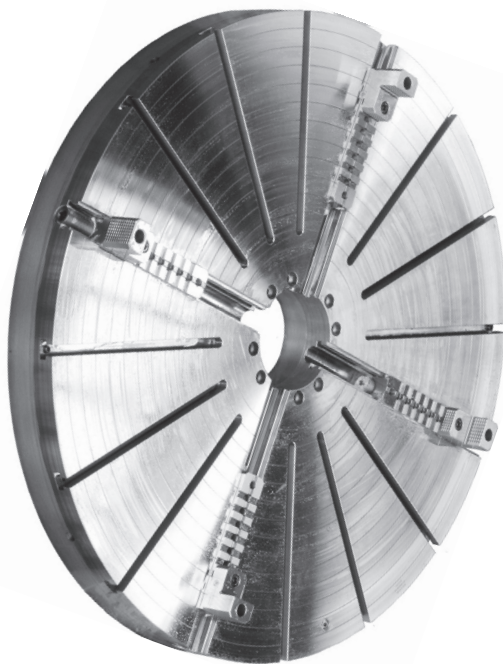
Code No.	Type	Ø A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	J [in]	Taper Size (optional)		
7-849-3200	4805-32"-15"	31.50	7.09	0.47	14.96	11.06	13.00	6xM24	2.95	8	11	15
7-849-4000	4805-40"-20.5"	39.37	8.66	0.47	20.47	16.06	18.25	6xM24	2.95	11	15	20
7-849-4900	4805-49"-28"	49.21	8.82	0.47	28.35	22.76	25.50	6xM30	2.99	15	20	28
7-849-5500	4805-55"-25"	55.12	9.06	0.47	28.35	22.76	25.50	6xM30	3.15	15	20	28
7-849-6300	4805-63"-25"	62.99	9.25	0.47	28.35	22.76	25.50	6xM30	3.15	20		28
7-849-7100	4805-71"-25"	70.87	9.45	0.47	28.35	22.76	25.50	6xM30	3.15	20		28
7-849-7900	4805-79"-25"	78.74	9.84	0.47	28.35	22.76	25.50	6xM30	3.35	20		28

4605



- Ground working surfaces
- Chucks above Ø 40" have additional T-slots

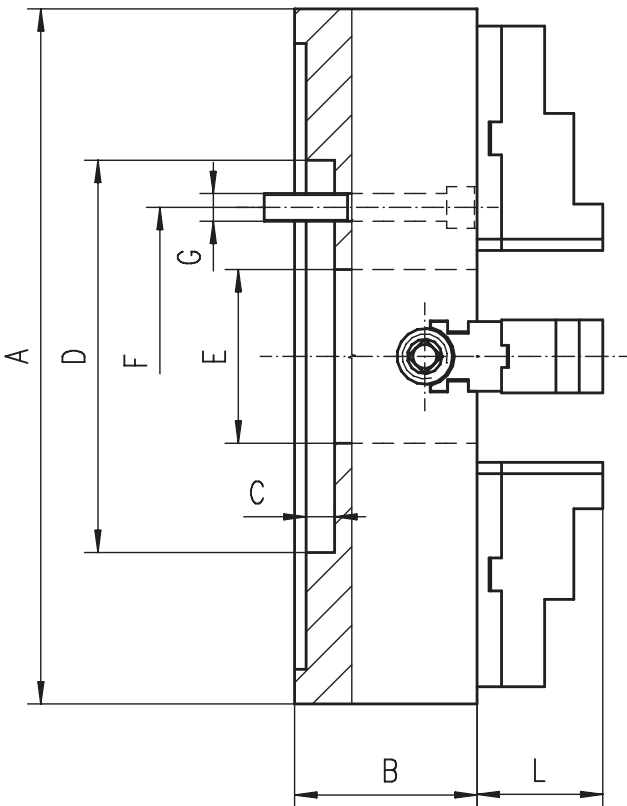
Code No.	Type	Ø A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G	J [in]	Taper Size (optional)		
7-848-3200	4605-32"-15"	31.50	7.09	0.47	14.96	11.06	13.00	6xM25	2.95	8	11	15
7-848-4000	4605-40"-20.5"	39.37	8.66	0.47	20.47	16.06	18.25	6xM24	2.95	11	15	20
7-848-4900	4605-49"-28"	49.21	8.82	0.47	28.35	22.76	25.50	6xM30	2.99	15	20	28
7-848-5500	4605-55"-25"	55.12	9.06	0.47	28.35	22.76	25.50	6xM30	3.15	15	20	28
7-848-6300	4605-63"-25"	62.99	9.25	0.47	28.35	22.76	25.50	6xM30	3.15	20		28
7-848-7100	4605-71"-25"	70.87	9.45	0.47	28.35	22.76	25.50	6xM30	3.15	20		28
7-848-7900	4605-79"-25"	78.74	9.84	0.47	28.35	22.76	25.50	6xM30	3.35	20		28

**4307**

- Hardened and ground working surfaces
- Independent chucks have additional T-slots

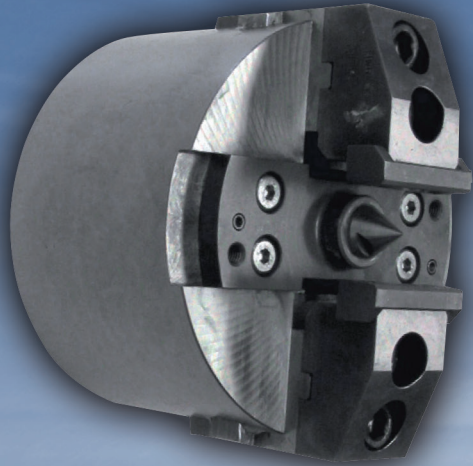
Code No.	Type	Ø A [in]	B [in]	C [in]	D H7 [in]	E [in]	F [in]	G	L [in]	Weight [lbs]	Taper Size (optional)		
7-855-3200F	4307-32"-15"	31.50	5.79	0.47	14.96	7.87	13.00	4xM24	3.69	1,269	8	11	15
7-855-4000F	4307-40"-20.5"	39.37	6.10	0.47	20.47	7.48	18.25	8xM24	4.05	2,050	11	15	20
7-855-4900F	4307-49"-520	49.21	6.10	0.47	20.47	7.48	18.25	8xM24	4.05	3,196	15	20	28
7-855-5500F	4307-55"-25"	55.12	7.09	0.47	28.35	22.76	25.50	8xM30	4.49	3,924	15	20	28
7-855-6300F	4307-63"-25"	62.99	7.09	0.47	28.35	22.76	25.50	8xM30	4.49	5,511	20		28
7-855-7100F	4307-71"-25"	70.87	7.09	0.47	28.35	22.76	25.50	8xM30	4.49	7,054	20		28
7-855-7900F	4307-79"-25"	78.74	8.27	0.47	28.35	22.76	25.50	8xM30	4.49	9,920	20		28

4305



- Ground working surfaces
- Independent chucks above Ø 40" have additional T-slots

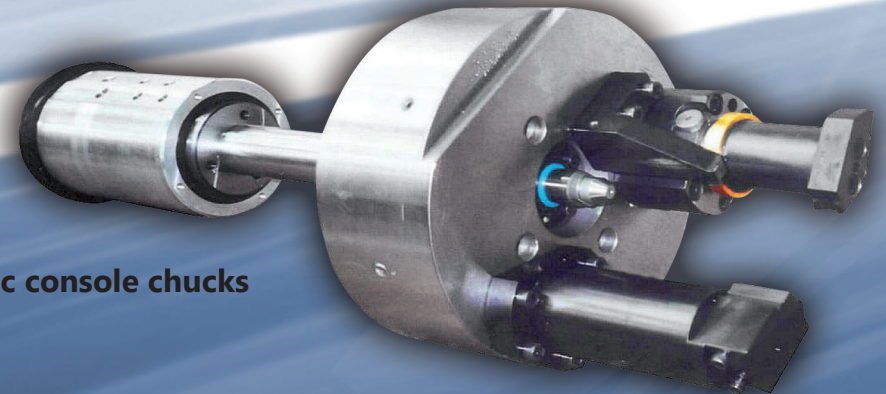
Code No.	Type	Ø A [in]	B [in]	C [in]	D H7 [in]	E [in]	F [in]	G	L [in]	Weight [lbs]	Taper Size (optional)		
7-850-3222	4305-32"-15"	31.50	6.30	0.47	14.96	7.87	13.00	4xM24	3.69	703	8	11	15
7-850-4022	4305-40"-15"	39.37	6.69	0.47	14.96	7.48	13.00	8xM24	4.05	903	11	15	20
7-850-4922	4305-49"-20.5"	49.21	7.48	0.47	20.47	7.48	18.25	8xM24	4.05	2,094	15	20	28
7-850-5522	4305-55"-25"	55.12	7.09	0.47	28.35	22.76	25.50	8xM30	4.49	2,866	15	20	28
7-850-6322	4305-63"-25"	62.99	7.09	0.47	28.35	22.76	25.50	8xM30	4.49	4,960	20		28
7-850-7122	4305-71"-25"	70.87	7.09	0.47	28.35	22.76	25.50	8xM30	4.49	6,525	20		28
7-850-7922	4305-79"-25"	78.74	8.27	0.47	28.35	22.76	25.50	8xM30	4.49	7,176	20		28



Lathe and Power Chucks

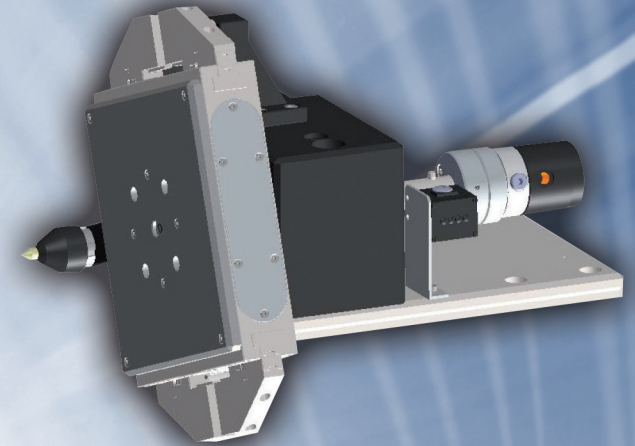


Mandrels

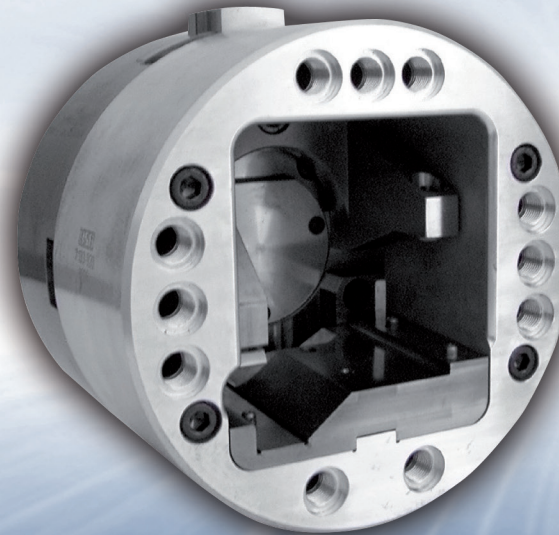


Hydraulic console chucks

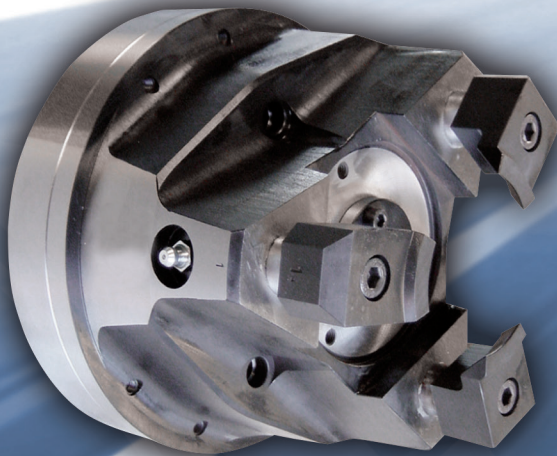
Clamping- and rotation mechanism



Console chuck



Rotary finger chuck



ITER - FOR THE ENERGY OF TOMORROW

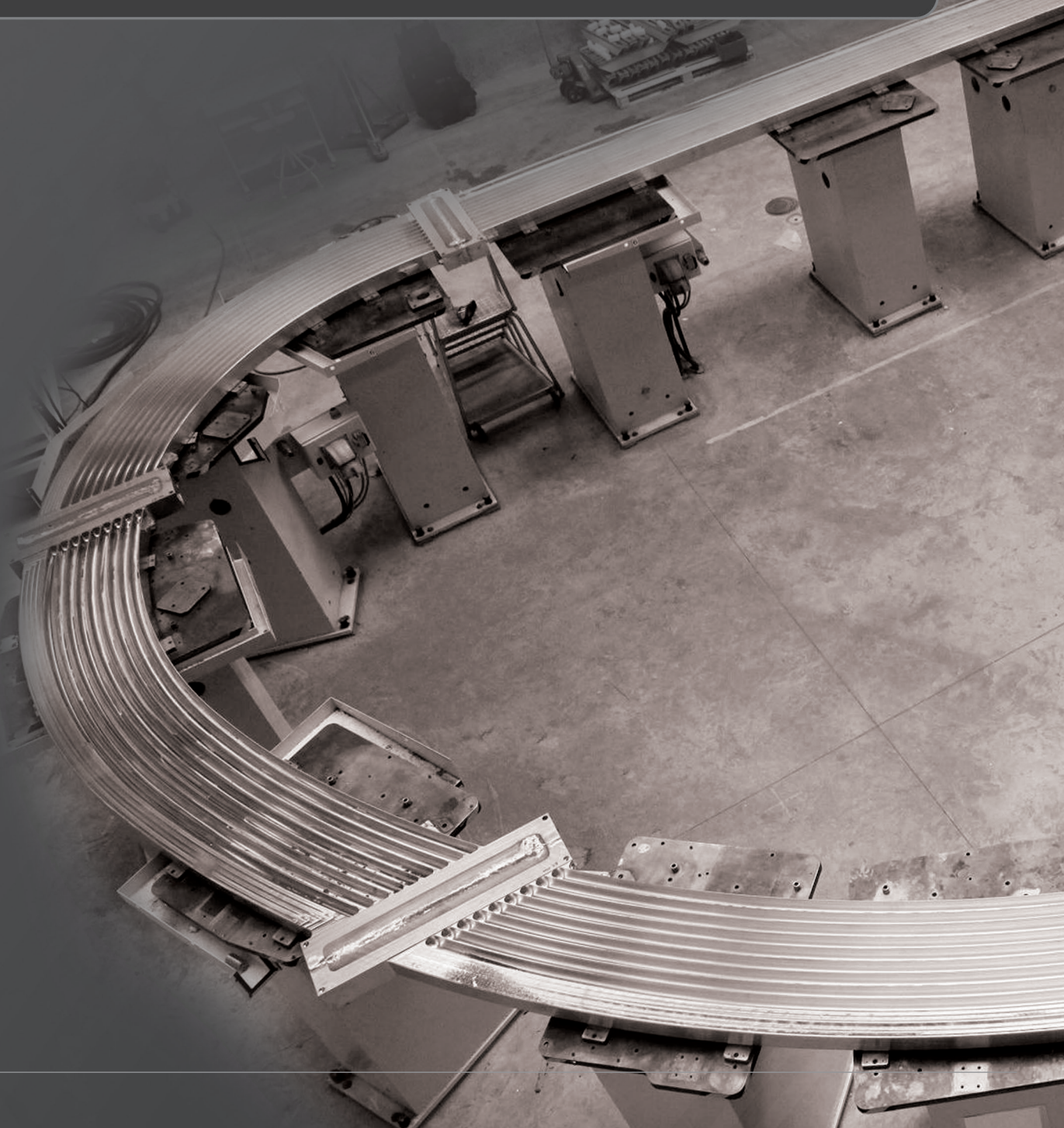


For the 16 billion comprehensive project "ITER", the European Union, India, Japan, Russia, South Korea, United States and China have joined together to build and operate an experimental reactor in the research center Cadarache, South-France. "ITER" (Latin for "The Way") is the acronym for International Thermonuclear Experimental Reactor. The project aims to provide the necessary scientific evidence on the economics of power generation by fusion energy.

By winning the contract to manufacture 500 high-precision jigs we were able to be part of this innovative project.

Our specially designed solution with the customer, a French-Italian consortium, chose locally-developed high-precision BISON Machine vises that are used in the production and processing of required seventy radial plates in Italy and France and are incorporated for that the D-shaped, 13.8mx 8.7mx 110 mm wide, made of stainless steel and according to the model most 5.5 or 9.8 tons plates, can be precisely and safely clamped and machined. They form the backbone for the 18 toroidal field coils required to confine the plasma in the ITER vacuum vessel.

Thus BISON is already making an important contribution to the energy of the future.



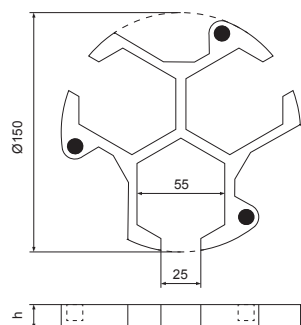


ITER - FOR THE ENERGY OF TOMORROW



1335

WORKPIECE STOPS



Code No.	Type	Size [in]	Width (h) [in]	Max. $\varnothing$ of the workpiece [in]	Max. jaw width [in]
7-986-015	1335-150-15	0.59	0.59	0.59 - 5.12	2.17
7-986-020	1335-150-20	0.79	0.79	0.59 - 5.12	2.17
7-986-025	1335-150-25	0.98	0.98	0.59 - 5.12	2.17
7-986-030	1335-150-30	1.18	1.18	0.59 - 5.12	2.17
7-986-035	1335-150-35	1.38	1.38	0.59 - 5.12	2.17
7-986-040	1335-150-15-35 KPL	Set	0.59 - 1.38	0.59 - 5.12	2.17

- Workpiece stop for all chucks
- The stop can be fixed on the chuck body with three magnets, which are incorporated in the stop
- The workpiece stop is for machining short parts and provides a constant, perfectly concentricity of the workpiece
- Made of treated aluminium
- Available separately or in a set of 5 pieces

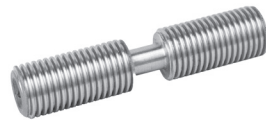


Chuck size [in]	For Type
	43**
3"	7-890-603
3-1/2"	7-890-603
4"	7-890-604
5"	7-890-606
6"	7-890-606
8"	7-890-608
10"	7-890-610
12"	7-890-612
16"	7-890-616
20"	7-890-620
25"	7-890-625
32"	7-890-632
40"	7-890-640
49"	7-890-649

OPERATING SCREW


For Independent Chucks

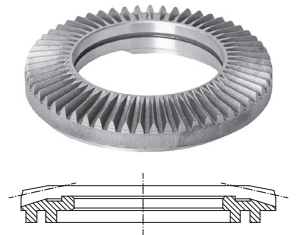
Chuck size [in]	For Type
	4505, 4605, 4705, 4805
10"	7-891-4120
12"	7-891-412
16"	7-891-416
20"	7-891-420
25"	7-891-425
32"	7-891-432



For Combination Chucks

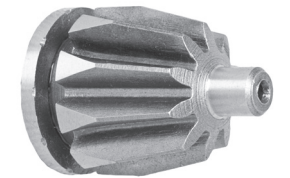
Chuck size [in]	For Type			
	3105, 32**, 36**, 4505, 4605, 4705, 4805	35**, 37**, 38**	3295	3286
2"	-	-	-	7-887-002
2-1/3"	-	-	-	7-887-003
3"	7-887-303	7-887-503	-	-
4"	7-887-304	7-887-504	-	-
5"	7-887-305	7-887-505	-	-
6"	7-887-306	7-887-506	-	-
8"	7-887-308	7-887-508	-	-
10"	7-887-310	7-887-510	-	-
12"	7-887-312	7-887-512	-	-
16"	7-887-316	7-887-516	7-887-216	-
20"	7-887-320	7-887-520	7-887-220	-
25" *	7-887-325	7-887-525	7-887-226	-
32"	7-887-332	7-887-532	-	-
40"	7-887-340	7-887-540	-	-

* For chucks 3295-26"

SCROLL PLATE

 For Type
3105, 32**, 36**, 35**, 37**, 38**, 3286,
3286, 3295, 4505, 4605, 4705, 4805

Chuck size [in]	For Type			
	3105, 32**, 36**, 4505, 4605, 4705, 4805	35**, 37**, 38**	3295	3975
3"	7-886-303	7-886-303	-	-
4"	7-886-304	7-886-304	-	-
5"	7-886-305	7-886-505	-	7-886-505
5-1/2"	-	-	-	7-886-515
6"	7-886-306	7-886-506	-	7-886-506
8"	7-886-308	7-886-508	-	-
10"	7-886-310	7-886-510	-	-
12"	7-886-312	7-886-512	-	-
16"	7-886-316	7-886-516	7-886-216	-
20"	7-886-320	7-886-520	7-886-220	-
25" *	7-886-325	7-886-525	7-886-226	-
32"	7-886-332	7-886-532	7-886-232	-
40"	7-886-340	7-886-540	-	-

* For chucks 3295-26"

PINION

 For Type
3105, 3200, 3600, 4500, 4600, 4700,
4800, 35**, 37**, 38**, 3295

Chuck size [in]	For Type
	43**
3"	7-890-703
3-1/2"	7-890-703
4"	7-890-704
5"	7-890-706
6"	7-890-706
8"	7-890-708
10"	7-890-710
12"	7-890-712
16"	7-890-716
20"	7-890-720
25"	7-890-725
32"	7-890-732
40"	7-890-736
49"	7-890-736

THRUST BEARING


For Independent Chucks

Chuck size [in]	Hole dia [in]	For Type
		4317, 4347 HD
16"	5.3	7-890-6163
16"	6.5	7-890-6165
20"	5.3	7-890-6203
20"	6.5	7-890-6205
20"	8.5	7-890-6208
25"	10.5	7-890-6257
25"	12.5	7-890-6259
28"	10.5	7-890-6277
28"	12.5	7-890-6279
32"	10.5	7-890-6327
32"	12.5	7-890-6329
40"	20.86	7-890-6420
40"	22.05	7-890-6421

OPERATING SCREW


For HD Oil Country Chucks

Chuck size [in]	For Type
	4317, 4347 HD
16"	7-890-7165
20"	7-890-7165
25"	7-890-7255
28"	7-890-7255
32"	7-890-7325
40"	7-890-7405

THRUST BEARING


For HD Oil Country Chucks

STUD FOR CAMLOCK
(DIN 55029)

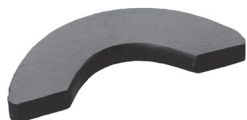
Code No. ¹⁾	Size [in]	Taper size 1:4	pcs/set
7-899-103	M10 x 0.04 - 1.38	3	3
7-899-104	M10 x 0.04 - 1.46	4	3
7-899-105	M12 x 0.04 - 1.69	5	6
7-899-106	M16 x 0.06 - 1.93	6	6
7-899-108	M20 x 0.06 - 2.19	8	6
7-899-111	M22 x 0.06 - 2.64	11	6
7-899-115	M24 x 0.06 - 2.99	15	6
7-899-120	M27 x 0.08 - 3.5	20	6

¹⁾ For 1 pieceSTUD AND LOCKNUT
(DIN 55027)

Code No. ¹⁾	Size [in]	Taper size 1:4	pcs/set
7-921-903	M10 x 1.34	3	3
7-921-904	M10 x 1.54	4	3
7-921-905	M10 x 1.69	5	4
7-921-906	M12 x 1.97	6	4
7-921-908	M16 x 2.36	8	4
7-921-911	M20 x 2.95	11	6
7-921-915	M24 x 3.54	15	6
7-921-920	M24 x 3.94	20	6

¹⁾ For 1 piece

LOCKING HALF-RING

For Type
35**, 37**, 38**, 3975

Chuck size [in]	For Type	
	35**, 37**, 38**	3975
5"	7-888-706	7-888-706
6"	-	7-888-706
8"	7-888-706	7-888-706
10"	7-888-708	-
12"	7-888-710	-
16"	7-888-712	-
20"	7-888-716	-
25"	7-888-720	-
32"	7-888-725	-
800	7-888-725	-

SLEEVE BEARING

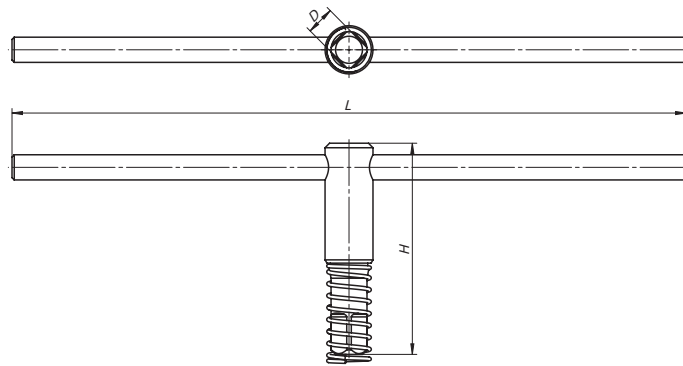
For Type
35**, 37**, 38**, 3975

Chuck size [in]	For Type	
	35**, 37**, 38**	3975
5"	7-888-505	7-888-505
5-1/2"	-	7-888-505
6"	7-888-506	7-888-506
8"	7-888-508	-
10"	7-888-510	-
12"	7-888-512	-
16"	7-888-516	-
20"	7-888-520	-
15"	7-888-525	-
32"	7-888-525	-

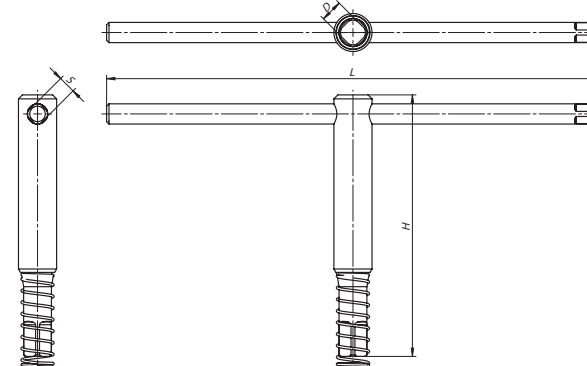
STUD BOLT

For Type
3105, 32**, 36**, 38**,
4505, 4605, 4705, 4805

Chuck size [in]	Code No.
3"	7-888-904
4"	7-888-904
5"	7-888-906
6"	7-888-906
8"	7-888-910
10"	7-888-910
12"	7-888-910
16"	7-888-920
20"	7-888-920
25"	7-888-920
32"	7-888-920
40"	7-888-920
49"	7-888-920

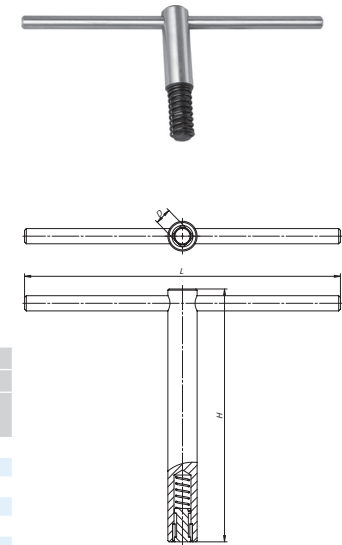


For Type 3105, 32**, 35**, 36**, 37**, 38**, 43**



For Type 45**, 46**, 47**, 48**

SAFETY WRENCH



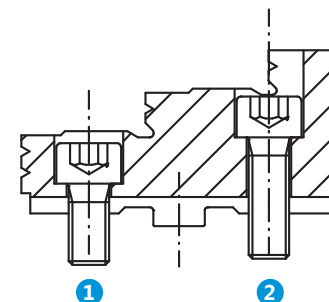
For Type 34**

Chuck size [in]	For Type																						
	3105, 32**, 35**, 36**, 37**, 38**					4505, 4605, 4705, 4805						43**					34**					3286	3975
	Code No.	D [in]	H [in]	L [in]	lbs	Code No.	D [in]	S [in]	H [in]	L [in]	lbs	Code No.	D [in]	H [in]	L [in]	lbs	Code No.	D [in]	H [in]	L [in]	lbs	Code No.	Code No.
2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7-889-002	-
2-1/3"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7-889-002	-
3"	7-889-003	0.24	2.36	3.94	0.13	-	-	-	-	-	-	7-889-003	0.24	2.36	3.94	0.13	-	-	-	-	-	-	-
3-1/2"	7-889-003	0.24	2.36	3.94	0.13	-	-	-	-	-	-	7-889-003	0.24	2.36	3.94	0.13	-	-	-	-	-	-	-
4"	7-889-005	0.35	3.15	5.51	0.33	-	-	-	-	-	-	7-889-003	0.24	2.36	3.94	0.13	-	-	-	-	-	-	-
5"	7-889-005	0.35	3.15	5.51	0.33	7-891-905	0.35	0.28	3.15	6.30	0.40	7-890-906	0.28	3.94	5.91	0.26	-	-	-	-	-	-	7-889-005
5-1/2"	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7-889-005
6"	7-889-008	0.43	3.94	8.46	0.68	7-891-906	0.43	0.28	3.94	8.46	0.68	7-890-906	0.28	3.94	5.91	0.26	7-889-806	0.43	5.31	8.66	1.32	-	7-889-008
8"	7-889-008	0.43	3.94	8.46	0.68	7-891-908	0.43	0.28	4.72	8.46	0.79	7-890-910	0.43	4.72	8.46	0.79	7-889-808	0.55	6.50	10.63	1.98	-	-
10"	7-889-012	0.55	4.72	12.20	1.37	7-891-910	0.55	0.28	6.50	12.20	1.70	7-890-910	0.43	4.72	8.46	0.79	7-889-810	0.63	7.09	13.39	3.13	-	-
12"	7-889-012	0.55	4.72	12.20	1.37	7-891-912	0.55	0.43	6.50	12.20	1.70	7-890-916	0.55	6.50	12.20	1.72	7-889-812	0.71	9.45	15.75	4.72	-	-
16"	7-889-016	0.67	5.51	15.75	2.60	7-891-916	0.67	0.43	8.39	15.75	3.66	7-890-916	0.55	6.50	12.20	1.72	-	-	-	-	-	-	-
20"	7-889-025	0.75	5.51	17.72	3.17	7-891-925	0.75	0.43	10.24	17.72	5.03	7-890-925	0.67	9.06	17.72	3.88	-	-	-	-	-	-	-
25"	7-889-025	0.75	5.51	17.72	3.17	7-891-925	0.75	0.43	10.24	17.72	5.03	7-890-925	0.67	9.06	17.72	3.88	-	-	-	-	-	-	-
32"	7-889-032	0.75	5.51	25.59	4.34	-	-	-	-	-	-	7-890-932	0.75	10.24	19.69	5.29	-	-	-	-	-	-	-
40"	7-889-032	0.75	5.51	25.59	4.34	-	-	-	-	-	-	7-890-932	0.75	10.24	19.69	5.29	-	-	-	-	-	-	-
49"	7-889-032	0.75	5.51	25.59	4.34	-	-	-	-	-	-	7-890-932	0.75	10.24	19.69	5.29	-	-	-	-	-	-	-

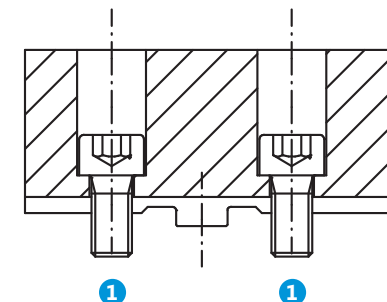
For Type
3105, 32**, 35**, 36**, 37**, 38**,
4505, 4605, 4705, 4805,
43**, 34**, 3975

Chuck size [in]	Bolt 1		Bolt 2	
5"	5/16"-18X-3/4"	7-897-503	5/16"-18X1"	7-897-504
6"	3/8"-16X-3/4"	7-897-510	3/8"-16X1-1/4"	7-897-512
8"	3/8"-16X-3/4"	7-897-510	3/8"-16X1-1/4"	7-897-512
10"	1/2"-13X1"	7-897-530	1/2"-13X1-1/2"	7-897-531
12"	1/2"-13X1-1/4"	7-897-5301	1/2"-13X1-3/4"	7-897-539
16"	5/8"-11X1-1/4"	7-897-540	5/8"-11X1-3/4"	7-897-541
20"	3/4"-10X1-3/4"	7-897-824	3/4"-10X3"	7-897-561
25"	3/4"-10X1-1/2"	7-897-823	3/4"-10X3-1/4"	7-897-562
32"	3/4"-10X1-1/2"	7-897-823	3/4"-10X3-1/4"	7-897-562

FOR HARD TOP JAWS - FOR 3-JAW CHUCKS

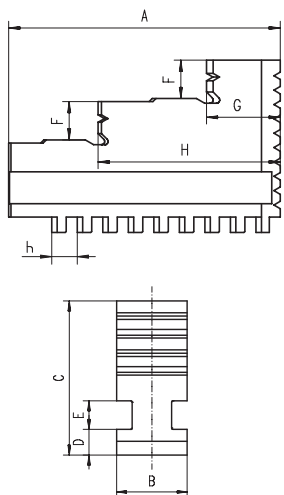
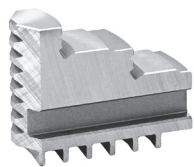


CLAMPING SCREWS





HARD SOLID JAWS - INSIDE DIAMETER CLAMPING

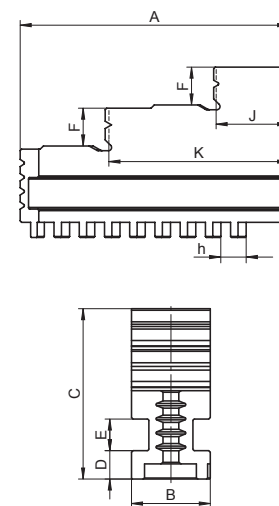
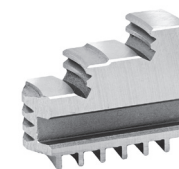


BISON Chuck Type	Chuck Size	Code No.	Qty in set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	h [in]	Weight lbs / pc.
32**; 35**	3"	7-881-303	3	1.26	0.43	1.10	0.24	0.24	0.24	0.37	0.83	0.16	0.07
3266	3"	7-881-503	3										
32**; 35**	4"	7-881-304	3	1.65	0.59	1.22	0.24	0.24	0.28	0.43	1.06	0.24	0.22
36**; 37**	4"	7-881-404	4										
3266	4"	7-881-504	3										
32**; 35**	5"	7-881-305	3	2.01	0.79	1.57	0.24	0.24	0.31	0.51	1.32	0.28	0.44
36**; 37**	5"	7-881-405	4										
38**	5"	7-881-605	6										
3266	5"	7-881-505	3										
32**; 35**	6"	7-881-306	3	2.76	0.79	2.09	0.31	0.31	0.39	0.75	1.77	0.31	0.88
36**; 37**	6"	7-881-406	4										
38**	6"	7-881-606	6										
3266	6"	7-881-306	3										
32**; 35**	8"	7-881-308	3	3.35	0.98	2.13	0.35	0.39	0.47	0.91	2.24	0.31	1.10
36**; 37**	8"	7-881-408	4										
38**	8"	7-881-608	6										
3266	8"	7-881-308	3										
32**; 35**	10"	7-881-310	3	4.13	1.10	2.48	0.43	0.47	0.55	1.10	2.74	0.35	1.76
36**; 37**	10"	7-881-410	4										
38**	10"	7-881-610	6										
32**; 35**	12"	7-881-312	3	4.92	1.26	2.87	0.50	0.47	0.71	1.36	3.27	0.39	2.87
36**; 37**	12"	7-881-412	4										
38**	12"	7-881-612	6										
32**; 35**	16"	7-881-316	3	5.71	1.42	3.62	0.59	0.55	0.87	1.42	3.90	0.47	5.29
36**; 37**	16"	7-881-416	4										
38**	16"	7-881-616	6										
32**; 35**	20"	7-881-320	3	7.09	1.57	3.94	0.63	0.55	1.02	1.97	4.70	0.56	7.50
36**; 37**	20"	7-881-420	4										
38**	20"	7-881-620	6										
32**; 35**	25"	7-881-325	3	8.86	1.97	4.33	0.63	0.55	1.10	2.60	5.87	0.56	12.79
36**; 37**	25"	7-881-425	4										
38**	25"	7-881-625	6										
32**; 35**	32"	7-881-332	3	8.86	1.97	4.33	0.63	0.55	1.10	2.60	5.87	0.56	12.79
36**; 37**	32"	7-881-432	4										
38**	32"	7-881-632	6										
32**; 35**	40"	7-881-340	3	11.46	2.76	5.51	0.87	0.79	1.34	3.35	7.48	0.71	31.53
36**; 37**	40"	7-881-440	4										
38**	40"	7-881-640	6										

Ø 3 - 40"



HARD SOLID JAWS • OUTSIDE DIAMETER CLAMPING



	BISON Chuck Type	Chuck Size	Code No.	Qty in set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	J [in]	K [in]	h [in]	Weight lbs / pc.
Ø 3 - 40"	32**; 35**	3"	7-880-303	3	1.26	0.43	1.10	0.24	0.24	0.24	0.37	0.83	0.16	0.07
	3266	3"	7-880-503	3										
	32**; 35**	4"	7-880-304	3	1.65	0.59	1.22	0.24	0.24	0.28	0.43	1.06	0.24	0.22
	36**; 37**	4"	7-880-404	4										
	3266	4"	7-880-504	3	2.01	0.79	1.57	0.24	0.24	0.31	0.51	1.32	0.28	0.44
	32**; 35**	5"	7-880-305	3										
	36**; 37**	5"	7-880-405	4										
	38**	5"	7-880-605	6										
	3266	5"	7-880-505	3	2.76	0.79	2.09	0.31	0.31	0.39	0.75	1.77	0.31	0.88
	32**; 35**	6"	7-880-306	3										
	36**; 37**	6"	7-880-406	4										
	38**	6"	7-880-606	6										
	3266	6"	7-880-306	3	3.35	0.98	2.13	0.35	0.39	0.47	0.91	2.24	0.31	1.10
	32**; 35**	8"	7-880-308	3										
	36**; 37**	8"	7-880-408	4										
	38**	8"	7-880-608	6										
	3266	8"	7-880-308	3	4.13	1.10	2.48	0.43	0.47	0.55	1.10	2.74	0.35	1.76
	32**; 35**	10"	7-880-310	3										
	36**; 37**	10"	7-880-410	4										
	38**	10"	7-880-610	6	4.92	1.26	2.87	0.50	0.47	0.71	1.36	3.27	0.39	2.87
	32**; 35**	12"	7-880-312	3										
	36**; 37**	12"	7-880-412	4										
	38**	12"	7-880-612	6	5.71	1.42	3.62	0.59	0.55	0.87	1.42	3.90	0.47	5.29
	32**; 35**	16"	7-880-316	3										
	36**; 37**	16"	7-880-416	4										
	38**	16"	7-880-616	6	7.09	1.57	3.94	0.63	0.55	1.02	1.97	4.70	0.56	7.50
	32**; 35**	20"	7-880-320	3										
	36**; 37**	20"	7-880-420	4										
	38**	20"	7-880-620	6	8.86	1.97	4.33	0.63	0.55	1.10	2.60	5.87	0.56	12.79
	32**; 35**	25"	7-880-325	3										
	36**; 37**	25"	7-880-425	4										
	38**	25"	7-880-625	6	8.86	1.97	4.33	0.63	0.55	1.10	2.60	5.87	0.56	12.79
	32**; 35**	32"	7-880-332	3										
	36**; 37**	32"	7-880-432	4										
	38**	32"	7-880-632	6	11.46	2.76	5.51	0.87	0.79	1.34	3.35	7.48	0.71	31.53
	32**; 35**	40"	7-880-340	3										
	36**; 37**	40"	7-880-440	4										
	38**	40"	7-880-640	6										



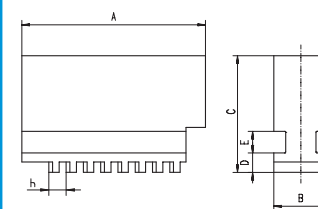
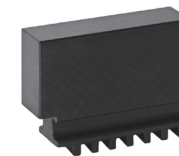
HARD SOLID JAWS • REVERSIBLE CLAMPING



	BISON Chuck Type	Chuck Size	Qty in set	Code No.
Ø 2 - 6"	3286	2"	3	7-893-003
	3286	2-1/3"	3	7-893-002
	3866	3"	6	7-892-603
	3867	3-1/2"	6	7-892-703
	3868	3-1/2"	6	7-892-803
	3866	4"	6	7-892-604
	3867	4-1/3"	6	7-892-704
	3866	5"	6	7-892-605
	3866	6"	6	7-892-606
	3867	6"	6	7-892-706



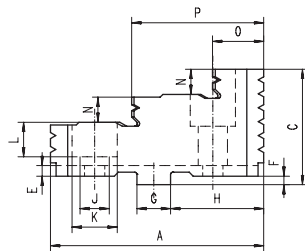
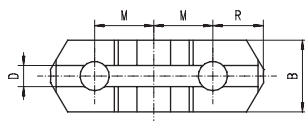
SOFT SOLID JAWS



	BISON Chuck Type	Chuck Size	Code No.	Qty in set	A [in]	B [in]	C [in]	D [in]	E [in]	h [in]	Weight lbs / pc.
Ø 3 - 40"	32**; 35**	3"	7-882-303	3	1.26	0.43	1.10	0.24	0.24	0.16	0.22
	32**; 35**	4"	7-882-304	4	1.65	0.59	1.22	0.24	0.24	0.24	0.22
	36**; 37**	4"	7-882-404	6							
	32**; 35**	5"	7-882-305	3	2.01	0.79	1.57	0.24	0.24	0.28	0.66
	36**; 37**	5"	7-882-405	4							
	38**	5"	7-882-605	6							
	32**; 35**	6"	7-882-306	3	2.76	0.79	2.09	0.31	0.31	0.31	1.10
	36**; 37**	6"	7-882-406	4							
	38**	6"	7-882-606	6							
	32**; 35**	8"	7-882-308	3	3.35	0.98	2.13	0.35	0.39	0.31	1.76
	36**; 37**	8"	7-882-408	4							
	38**	8"	7-882-608	6							
	32**; 35**	10"	7-882-310	3	4.13	1.10	2.48	0.43	0.47	0.35	3.09
	36**; 37**	10"	7-882-410	4							
	38**	10"	7-882-610	6							
	32**; 35**	12"	7-882-312	3	4.92	1.26	2.87	0.50	0.47	0.39	4.19
	36**; 37**	12"	7-882-412	4							
	38**	12"	7-882-612	6							
	32**; 35**	16"	7-882-316	3	5.71	1.42	3.62	0.59	0.55	0.47	5.51
	36**; 37**	16"	7-882-416	4							
	38**	16"	7-882-616	6							
	32**; 35**	20"	7-882-320	3	7.09	1.57	3.94	0.63	0.55	0.56	11.02
	36**; 37**	20"	7-882-420	4							
	38**	20"	7-882-620	6							
	32**; 35**	25"	7-882-325	3	8.86	1.97	4.33	0.63	0.55	0.56	18.52
	36**; 37**	25"	7-882-425	4							
	38**	25"	7-882-625	6							
	32**; 35**	32"	7-882-332	3	8.86	1.97	4.33	0.63	0.55	0.56	18.52
	36**; 37**	32"	7-882-432	4							
	38**-32"	32"	7-882-632	6							
	32**; 35**	40"	7-882-340	3	11.42	2.76	5.51	0.87	0.79	0.71	44.75
	36**; 37**	40"	7-882-440	4							
	38**	40"	7-882-640	6							



HARD TOP JAWS

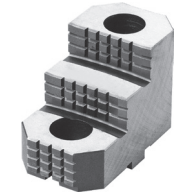


BISON Chuck Type	Chuck Size	Code No.	Qty in set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L [in]	M [in]	N [in]	O [in]	P [in]	R [in]	Weight lbs / pc.
32**; 35**	5"	7-883-305	3	2.20	0.87	1.52	0.31	0.16	0.13	0.50	0.89	0.35	0.59	0.39	0.63	0.31	0.57	1.38	0.51	0.44
36**; 37**	5"	7-883-405	4																	
38**	5"	7-883-605	6	2.20	0.87	1.52	0.31	0.16	0.13	0.50	0.89	0.26	0.43	0.39	0.63	0.31	0.57	1.38	0.51	0.44
32**; 35**	6"	7-883-306	3	2.64	0.98	1.63	0.31	0.16	0.13	0.50	1.13	0.43	0.71	0.47	0.75	0.33	0.71	1.63	0.63	0.66
36**; 37**	6"	7-883-406	4																	
38**	6"	7-883-606	6	2.64	0.98	1.63	0.31	0.16	0.13	0.50	1.13	0.35	0.55	0.47	0.75	0.33	0.71	1.63	0.63	0.66
32**; 35**	8"	7-883-308	3	3.15	1.06	1.71	0.31	0.16	0.13	0.50	1.37	0.35	0.71	0.47	0.88	0.37	0.85	2.01	0.75	0.88
36**; 37**	8"	7-883-408	4																	
38**	8"	7-883-608	6	3.15	1.06	1.71	0.31	0.16	0.13	0.50	1.37	0.35	0.55	0.47	0.88	0.37	0.85	2.01	0.75	0.88
32**; 35**	10"	7-883-310	3																	
36**; 37**	10"	7-883-410	4	3.74	1.28	2.03	0.50	0.16	0.13	0.75	1.56	0.55	0.79	0.57	1.06	0.47	0.96	2.32	0.87	1.32
38**	10"	7-883-610	6																	
32**; 35**	12"	7-883-312	3																	
36**; 37**	12"	7-883-412	4	4.33	1.46	2.17	0.50	0.16	0.13	0.75	1.87	0.55	0.79	0.57	1.25	0.51	1.04	2.68	1.39	1.98
38**	12"	7-883-612	6																	
32**; 35**	16"	7-883-316	3																	
36**; 37**	16"	7-883-416	4	5.00	1.65	2.54	0.50	0.16	0.25	0.75	2.25	0.71	1.02	0.73	1.50	0.53	1.06	3.01	1.12	3.09
38**	16"	7-883-616	6																	
32**; 35**	20"	7-883-320	3																	
36**; 37**	20"	7-883-420	4	5.00	1.65	2.93	0.50	0.16	0.25	0.75	2.25	0.87	1.30	0.83	1.50	0.67	1.97	3.46	1.12	3.53
38**	20"	7-883-620	6																	
32**; 35**	25"	7-883-325	3																	
36**; 37**	25"	7-883-425	4	5.00	2.05	3.23	0.50	0.16	0.25	0.75	2.25	0.87	1.30	0.83	1.50	0.83	2.01	3.50	1.12	5.29
38**	25"	7-883-625	6																	
32**; 35**	32"	7-883-325	3																	
36**; 37**	32"	7-883-432	4	5.00	2.05	3.23	0.50	0.16	0.25	0.75	2.25	0.87	1.30	0.83	1.50	0.83	2.01	3.50	1.12	5.29
38**	32"	7-883-632	6																	
32**; 35**	40"	7-883-340	3																	
36**; 37**	40"	7-883-440	4	6.89	2.95	3.82	0.50	0.18	0.25	0.75	3.75	0.94	1.38	0.91	1.50	1.10	1.89	4.88	2.64	12.13
38**	40"	7-883-640	6																	

Ø 5 - 40"

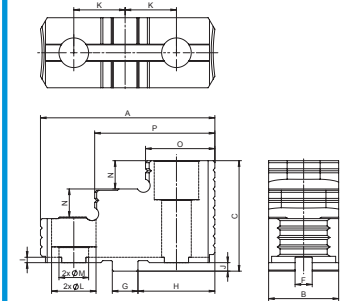


HARD TOP JAWS • 3597

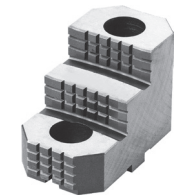


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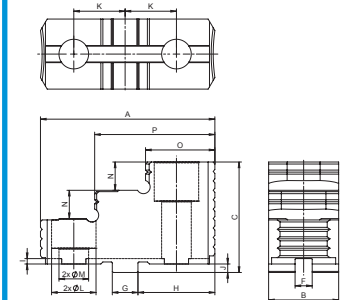
BISON Chuck Type	Chuck Size	Code No. 3 pc set	A [in]	B [in]	C [in]	F [in]	G [in]	H [in]	I [in]	J [in]	K [in]	M [in]	L [in]	N [in]	O [in]	P [in]	Weight lbs / pc.
Ø 12 - 40"	3597 12"	7-883-112	4.33	1.46	2.17	0.50	0.75	1.87	0.16	0.13	1.25	0.55	0.83	0.51	1.04	2.68	1.98
	3597 16"	7-883-116	5.00	1.65	2.54	0.50	0.75	2.04	0.16	0.25	1.50	0.71	1.02	0.53	1.04	3.01	3.09
	3597 20-1/3"	7-883-120	5.00	1.65	2.93	0.50	0.75	2.04	0.16	0.25	1.50	0.87	1.30	0.67	2.01	3.50	3.53
	3597 26"	7-883-126	5.00	2.05	3.23	0.50	0.75	2.04	0.16	0.25	1.50	0.87	1.30	0.83	2.01	3.41	5.29
	3597 32"	7-883-132	5.00	2.05	3.23	0.50	0.75	2.04	0.16	0.25	1.50	0.87	1.30	0.83	2.01	3.50	5.07
	3597 40"	7-883-140	6.89	2.95	3.82	0.50	0.75	3.75	0.18	0.25	1.50	0.94	1.38	1.10	1.99	2.98	12.35



HARD TOP JAWS • HD



BISON Chuck Type	Code No. 3 pcs set	A [in]	B [in]	C [in]	F [in]	G [in]	H [in]	I [in]	J [in]	K [in]	M [in]	L [in]	N [in]	O [in]	P [in]	Weight lbs / pc.
Ø 16 - 40"	3515-16" HD 7-883-5167	5.31	2.13	3.23	0.50	0.75	2.25	0.16	0.25	1.50	0.87	1.30	0.83	2.15	3.46	5.40
	3515-20" HD 7-883-5207	5.31	2.13	3.23	0.50	0.75	2.25	0.16	0.25	1.50	0.87	1.30	0.83	2.15	3.45	5.40
	3515-25" HD 7-883-5289	5.31	2.95	3.82	0.50	0.75	2.25	0.16	0.25	1.50	0.94	1.38	1.10	2.23	2.34	9.04
	3515-32" HD 7-883-5329	5.31	2.95	3.82	0.50	0.75	2.25	0.16	0.25	1.50	0.94	1.38	1.10	2.22	2.33	9.04



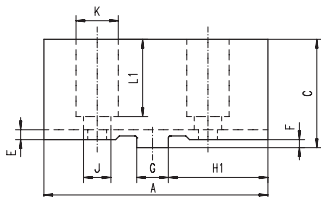
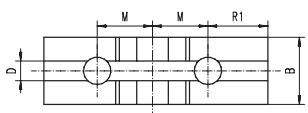
SGT 3597
SGT HD



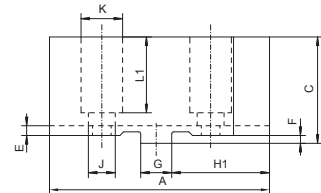
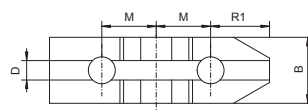
SOFT TOP JAWS



Version 1



Version 2

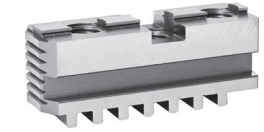


BISON Chuck Type	Chuck Size	Code No.	Qty in set	Version	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H1 [in]	J [in]	K [in]	L ₁ [in]	M [in]	Weight lbs / pc.
32**; 35**	5"	7-884-305	1	1	2.52	0.87	1.83	0.31	0.16	0.13	0.50	0.98	0.35	0.59	1.02	0.63	0.66
36**; 37**	5"	7-884-605	6	2	2.52	0.87	1.83	0.31	0.16	0.13	0.50	0.98	0.26	0.43	1.02	0.63	0.66
38**	5"	7-884-605	6	2	2.52	0.87	1.83	0.31	0.16	0.13	0.50	0.98	0.26	0.43	1.02	0.63	0.66
3105	6"	7-884-206	2	1	3.07	1.57	1.63	0.31	0.16	0.13	0.50	1.34	0.43	0.71	1.14	0.75	1.10
32**; 35**	6"	7-884-306	1			0.98											
36**; 37**	6"	7-884-306	1			0.98											
38**	6"	7-884-606	6	2	3.07	0.98	1.63	0.31	0.16	0.13	0.50	1.34	0.35	0.55	1.14	0.75	1.10
3105	8"	7-884-208	2	1	3.54	1.57	1.63	0.31	0.16	0.13	0.50	1.57	0.43	0.55	1.22	0.88	1.54
32**; 35**	8"	7-884-308	1	1	3.54	1.06	1.71	0.31	0.16	0.13	0.50	1.57	0.43	0.71	1.22	0.88	1.54
36**; 37**	8"	7-884-308	1	1	3.54	1.06	1.71	0.31	0.16	0.13	0.50	1.57	0.43	0.71	1.22	0.88	1.54
38**	8"	7-884-608	6	2	3.54	1.06	1.71	0.31	0.16	0.13	0.50	1.57	0.35	0.55	1.22	0.88	1.54
3105	10"	7-884-210	2	1	4.17	1.85	2.03	0.50	0.16	0.13	0.75	1.77	0.55	0.79	1.50	1.06	2.65
32**; 35**	10"	7-884-310	1			1.28											
36**; 37**	10"	7-884-310	1			1.28											
38**	10"	7-884-610	6	2	4.17	1.28	2.03	0.50	0.16	0.13	0.75	1.77	0.55	0.79	1.50	1.06	2.65
3105	12"	7-884-212	2	1	4.72	2.05	2.17	0.50	0.16	0.13	0.75	2.09	0.55	0.79	1.57	1.25	3.53
32**; 35**	12"	7-884-312	1			1.46											
36**; 37**	12"	7-884-312	1			1.46											
38**	12"	7-884-612	6	2	4.72	1.46	2.17	0.50	0.16	0.13	0.75	2.09	0.55	0.79	1.57	1.25	3.53
3105	16"	7-884-216	2	1	5.51	2.05	2.54	0.50	0.16	0.25	0.75	2.48	0.71	1.02	1.79	1.50	4.85
32**; 35**	16"	7-884-316	1			1.65											
36**; 37**	16"	7-884-316	1			1.65											
38**	16"	7-884-616	6	2	5.51	1.65	2.54	0.50	0.16	0.25	0.75	2.48	0.71	1.02	1.79	1.50	4.85
32**; 35**	20"	7-884-320	1	1	5.51	1.65	2.93	0.50	0.16	0.25	0.75	2.48	0.87	1.30	2.20	1.50	5.29
36**; 37**	20"	7-884-320	1	1	5.51	1.65	2.93	0.50	0.16	0.25	0.75	2.48	0.87	1.30	2.20	1.50	5.29
38**	20"	7-884-320	1	1	5.51	1.65	2.93	0.50	0.16	0.25	0.75	2.48	0.87	1.30	2.20	1.50	5.29
32**; 35**	25"	7-884-325	1	1	6.30	2.05	3.23	0.50	0.16	0.25	0.75	2.48	0.87	1.30	2.52	1.50	9.26
36**; 37**	25"	7-884-325	1	1	6.30	2.05	3.23	0.50	0.16	0.25	0.75	2.48	0.87	1.30	2.52	1.50	9.26
38**	25"	7-884-325	1	1	6.30	2.05	3.23	0.50	0.16	0.25	0.75	2.48	0.87	1.30	2.52	1.50	9.26
32**; 35**	32"	7-884-325	1	1	6.30	2.05	3.23	0.50	0.16	0.25	0.75	2.48	0.87	1.30	2.52	1.50	22.05
36**; 37**	32"	7-884-325	1	1	6.30	2.05	3.23	0.50	0.16	0.25	0.75	2.48	0.87	1.30	2.52	1.50	22.05
38**	32"	7-884-325	1	1	6.30	2.05	3.23	0.50	0.16	0.25	0.75	2.48	0.87	1.30	2.52	1.50	22.05
32**; 35**	40"	7-884-340	1	1	7.52	2.95	3.82	0.50	0.18	0.25	0.75	4.13	0.94	1.38	3.07	1.50	31.53
36**; 37**	40"	7-884-340	1	1	7.52	2.95	3.82	0.50	0.18	0.25	0.75	4.13	0.94	1.38	3.07	1.50	31.53
38**	40"	7-884-340	1	1	7.52	2.95	3.82	0.50	0.18	0.25	0.75	4.13	0.94	1.38	3.07	1.50	31.53

Ø 5 - 40"

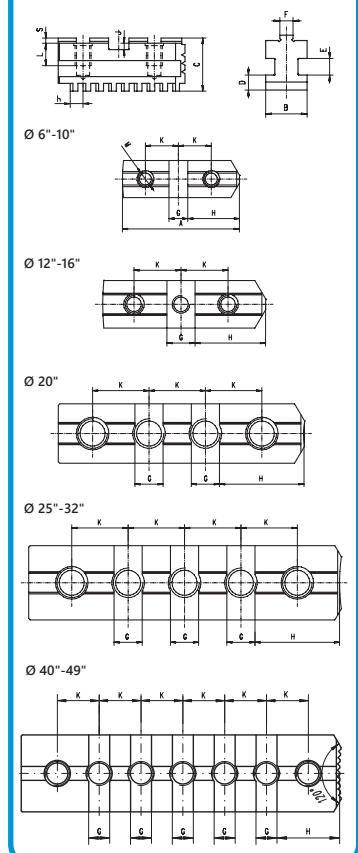


HARD MASTER JAWS



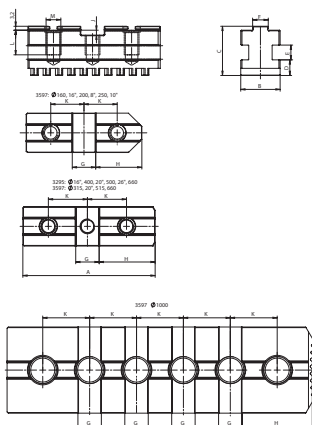
BISON Chuck Type	Chuck Size	Code No.	Qty in set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L [in]	M*	S [in]	h [in]	Weight lbs / pc.
32**; 35**	5"	7-885-305	3	2.13	0.79	1.10	0.31	0.31	0.31	0.50	0.89	0.16	0.63	0.53	5/16"-18	0.13	0.28	0.22
36**; 37**	5"	7-885-405	4															
38**	5"	7-885-605	6	2.13	0.79	1.10	0.31	0.31	0.31	0.50	0.89	0.16	0.63	0.53	1/4"-20	0.13	0.28	0.22
3105	6"	7-885-206	2															
32**; 35**	6"	7-885-306	3	2.56	0.79	1.14	0.31	0.31	0.31	0.50	1.13	0.16	0.75	0.55	3/8"-16	0.13	0.31	0.44
36**; 37**	6"	7-885-406	4															
38**	6"	7-885-606	6	2.56	0.79	1.14	0.31	0.31	0.31	0.50	1.13	0.16	0.75	0.55	3/8"-16	0.13	0.31	0.44
3105	8"	7-885-208	2															
32**; 35**	8"	7-885-308	3	3.11	0.98	1.30	0.35	0.39	0.31	0.50	1.37	0.16	0.88	0.55	3/8"-16	0.13	0.31	0.66
36**; 37**	8"	7-885-408	4															
38**	8"	7-885-608	6	3.11	0.98	1.30	0.35	0.39	0.31	0.50	1.37	0.16	0.88	0.55	3/8"-16	0.13	0.31	0.66
3105	10"	7-885-210	2															
32**; 35**	10"	7-885-310	3	3.62	1.10	1.42	0.43	0.47	0.50	0.75	1.56	0.16	1.06	0.63	1/2"-13	0.13	0.35	1.10
36**; 37**	10"	7-885-410	4															
38**	10"	7-885-610	6															
3105	12"	7-885-212	2															
32**; 35**	12"	7-885-312	3	4.33	1.26	1.57	0.50	0.47	0.50	0.76	1.87	0.16	1.25	0.63	1/2"-13	0.13	0.39	1.76
36**; 37**	12"	7-885-412	4															
38**	12"	7-885-612	6															
3105	16"	7-885-216	2															
32**; 35**	16"	7-885-316	3	5.12	1.42	1.93	0.59	0.55	0.50	0.75	2.25	0.28	1.50	0.87	5/8"-11	0.13	0.47	2.43
36**; 37**	16"	7-885-416	4															
38**	16"	7-885-616	6															
32**; 35**	20"	7-885-320	3															
36**; 37**	20"	7-885-420	4	6.54	1.57	2.13	0.63	0.55	0.50	0.75	2.25	0.28	1.50	1.28	3/4"-10	0.13	0.56	4.85
38**	20"	7-885-620	6															
32**; 35**	25"	7-885-325	3															
36**; 37**	25"	7-885-425	4	8.27	1.97	2.15	0.63	0.55	0.50	0.75	2.25	0.28	1.50	1.28	3/4"-10	0.13	0.56	7.28
38**	25"	7-885-625	6															
32**; 35**	32"	7-885-332	3															
36**; 37**	32"	7-885-432	4	8.86	1.97	2.15	0.63	0.55	0.50	0.75	2.25	0.28	1.50	1.28	3/4"-10	0.13	0.56	7.50
38**	32"	7-885-632	6															
32**; 35**	40"	7-885-340	3															
36**; 37**	40"	7-885-440	4	12.91	2.76	2.52	0.87	0.79	0.50	0.75	2.25	0.28	1.50	1.42	M22	0.13	0.71	17.20
38**	40"	7-885-640	6															

* Screws are included in delivery





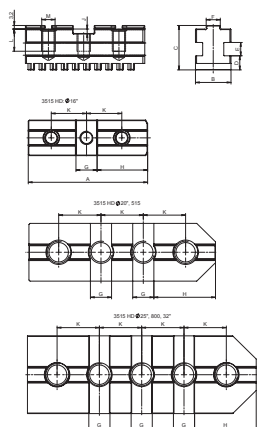
HARD MASTER JAWS - 3295 AND 3597



BISON Chuck Type	Chuck Size	Code No. 3 pc set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L [in]	M*	Weight lbs / pc.
Ø 12 - 40"	3295 16"	7-885-116	4.72	1.42	1.93	0.59	0.55	0.50	0.75	2.25	0.28	1.50	0.87	5/8"-11	2.43
	3295 20"	7-885-120	4.72	1.57	2.13	0.63	0.55	0.50	0.75	2.25	0.28	1.50	1.28	3/4"-10	2.87
	3295 26"	7-885-126	5.00	1.97	2.15	0.63	0.55	0.50	0.75	2.13	0.28	1.50	1.28	3/4"-10	3.97
	3597 12"	7-885-112	4.23	1.26	1.57	0.50	0.47	0.50	0.75	1.78	0.16	1.25	0.79	M12	1.54
	3597 16"	7-885-116	4.72	1.42	1.93	0.59	0.55	0.50	0.75	2.25	0.28	1.50	0.87	5/8"-11	2.43
	3597 20-1/3"	7-885-120	4.72	1.57	2.13	0.63	0.55	0.50	0.75	2.25	0.28	1.50	1.28	3/4"-10	2.87
	3597 26"	7-885-126S	5.00	1.97	2.15	0.63	0.55	0.50	0.75	2.25	0.28	1.50	1.28	M20	2.87
	3597 32"	7-885-132	6.30	1.97	2.15	0.63	0.55	0.50	0.75	2.25	0.28	1.50	1.28	M20	5.07
	3597 40"	7-885-140	9.84	2.76	2.52	0.87	0.79	0.50	0.75	2.25	0.28	1.50	1.57	M22	13.45

* Screws are included in delivery

HARD MASTER JAWS - HD

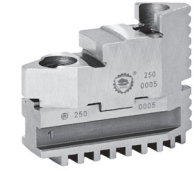


	BISON Chuck Type	Code No. 3 pc set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L [in]	M*	Weight lbs / pc.
Ø 16 - 32"	3515-16" HD	7-885-5167	5.20	1.97	2.15	0.63	0.55	0.50	0.75	2.25	0.28	1.50	1.28	3/4"-10	4.30
	3515-20" HD	7-885-5207	6.65	1.97	2.15	0.63	0.55	0.50	0.75	2.25	0.28	1.50	1.28	3/4"-10	5.51
	3515-25" HD	7-885-5289	8.27	2.76	2.44	0.79	0.79	0.50	0.75	2.25	0.28	1.50	1.30	7/8"-9	11.24
	3515-32" HD	7-885-5329	8.86	2.76	2.44	0.79	0.79	0.50	0.75	2.25	0.28	1.50	1.30	7/8"-9	12.13

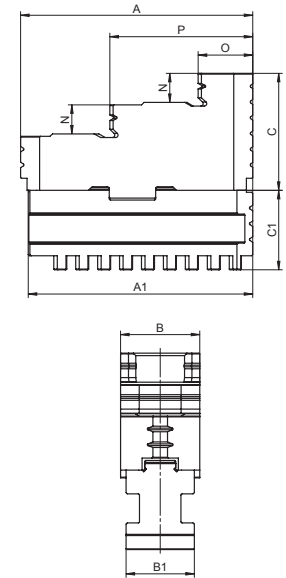
* Screws are included in delivery



HARD 2-PC REVERSIBLE JAWS



BISON Chuck Type	Chuck Size	Code No.	Qty in set	A [in]	A1 [in]	B [in]	B1 [in]	C [in]	C1 [in]	N [in]	O [in]	P [in]	Weight lbs / pc.
32**; 35**	5"	7-983-305	3										
36**; 37**	5"	7-983-405	4	2.20	2.13	0.87	0.79	1.39	0.98	0.31	0.57	1.38	0.66
38**	5"	7-983-605	6										
32**; 35**	6"	7-983-306	3										
36**; 37**	6"	7-983-406	4	2.64	2.56	0.98	0.79	1.51	1.02	0.33	0.71	1.63	0.88
38**	6"	7-983-606	6										
32**; 35**	8"	7-983-308	3										
36**; 37**	8"	7-983-408	4	3.15	3.11	1.06	0.98	1.51	1.17	0.37	0.85	2.01	1.54
38**	8"	7-983-608	6										
32**; 35**	10"	7-983-310	3										
36**; 37**	10"	7-983-410	4	3.74	3.62	1.28	1.10	1.90	1.29	0.47	0.96	2.32	2.43
38**	10"	7-983-610	6										
32**; 35**	12"	7-983-312	3										
36**; 37**	12"	7-983-412	4	4.33	4.33	1.46	1.26	2.04	1.45	0.51	1.04	2.68	3.75
38**	12"	7-983-612	6										
32**; 35**	16"	7-983-316	3										
36**; 37**	16"	7-983-416	4	5.00	5.12	1.65	1.42	2.29	1.80	0.53	1.06	3.01	5.51
38**	16"	7-983-616	6										
32**; 35**	20"	7-983-320	3										
36**; 37**	20"	7-983-420	4	5.00	6.54	1.65	1.57	2.69	2.00	0.67	1.97	3.46	8.38
38**	20"	7-983-620	6										
32**; 35**	25"	7-983-325	3										
36**; 37**	25"	7-983-425	4	5.00	8.27	2.05	1.97	2.98	2.02	0.83	2.01	3.50	12.79
38**	25"	7-983-625	6										
32**; 35**	32"	7-983-332	3										
36**; 37**	32"	7-983-432	4	5.00	8.86	2.05	1.97	2.98	2.02	0.83	2.01	3.50	13.45
38**	32"	7-983-632	6										
32**; 35**	40"	7-983-340	3										
36**; 37**	40"	7-983-440	4	6.89	12.91	2.95	2.76	3.57	2.39	1.10	1.89	4.88	30.86
38**	40"	7-983-640	6										

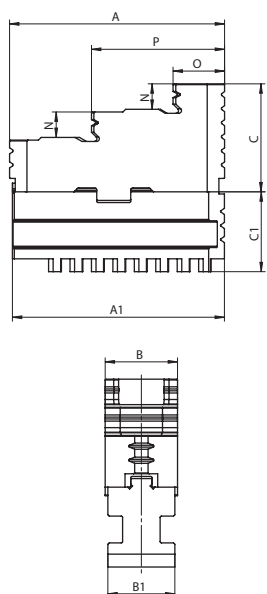


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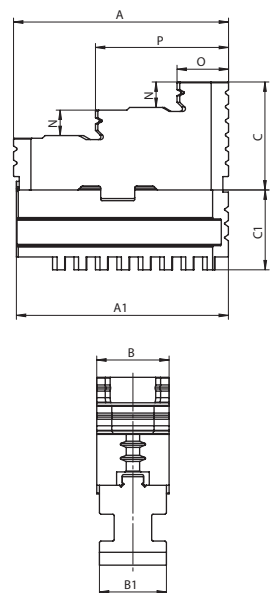


HARD 2-PC REVERSIBLE JAWS • 3597



BISON Chuck Type	Chuck Size	Code No. 3 pc set	A [in]	A1 [in]	B [in]	B1 [in]	C [in]	C1 [in]	N [in]	O [in]	P [in]	Weight lbs / pc.
Ø 12 - 40"	3597 12"	7-983-312	4.33	4.23	1.46	1.26	2.04	1.45	0.51	1.04	2.68	3.75
	3597 16"	7-983-316	5.00	4.72	1.65	1.42	2.29	1.80	0.53	1.04	3.01	5.95
	3597 20-1/3"	7-983-320	5.00	4.72	1.65	1.57	2.69	2.00	0.67	2.01	3.50	7.05
	3597 26"	7-983-326	5.00	5.00	2.05	1.97	2.98	2.02	0.83	2.01	3.41	10.14
	3597 32"	7-983-332	5.00	6.30	2.05	1.97	2.98	2.02	0.83	2.01	3.50	11.24
	3597 40"	7-983-340	6.89	9.84	2.95	2.76	3.57	2.39	1.10	1.99	2.97	26.68

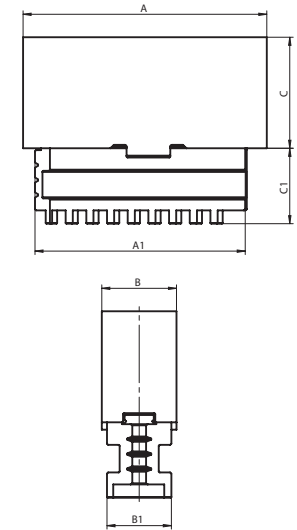
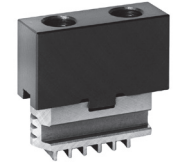
HARD 2-PC REVERSIBLE JAWS • HD



BISON Chuck Type	Code No. 3 pc set	A [in]	A1 [in]	B [in]	B1 [in]	C [in]	C1 [in]	N [in]	O [in]	P [in]	Weight lbs / pc.
Ø 16 - 40"	3515-16" HD 7-983-5167	5.31	5.20	2.13	1.97	2.98	2.02	0.83	2.15	3.46	10.49
	3515-20" HD 7-983-5207	5.31	6.65	2.13	1.97	2.98	2.02	0.83	2.15	3.45	11.68
	3515-25" HD 7-983-5289	5.31	8.27	2.95	2.76	3.30	2.31	1.10	2.23	3.52	21.96
	3515-32" HD 7-983-5329	5.31	8.86	2.95	2.76	3.30	2.31	1.10	2.22	3.51	21.96



SOFT 2-PC JAWS



BISON Chuck Type	Chuck Size	Code No.	Qty in set	A [in]	A1 [in]	B [in]	B1 [in]	C [in]	C1 [in]	Weight lbs / pc.
32**, 35**	5"	7-984-305	3	2.52	2.13	0.87	0.79	1.39	0.98	0.88
36**, 37**	5"	7-984-405	4							
38**	5"	7-984-605	6							
3105	6"	7-984-206	2							
32**, 35**	6"	7-984-306	3	3.07	2.56	0.98	0.79	1.51	1.02	1.32
36**, 37**	6"	7-984-406	4							
38**	6"	7-984-606	6							
3105	8"	7-984-208	2							
32**, 35**	8"	7-984-308	3	3.54	3.11	1.06	0.98	1.51	1.17	2.20
36**, 37**	8"	7-984-408	4							
38**	8"	7-984-608	6							
3105	10"	7-984-210	2							
32**, 35**	10"	7-984-310	3	4.17	3.62	1.28	1.10	1.90	1.29	3.53
36**, 37**	10"	7-984-410	4							
38**	10"	7-984-610	6							
3105	12"	7-984-212	2							
32**, 35**	12"	7-984-312	3	4.72	4.33	1.46	1.26	2.04	1.45	6.83
36**, 37**	12"	7-984-412	4							
38**	12"	7-984-612	6							
3105	16"	7-984-216	2							
32**, 35**	16"	7-984-316	3	5.51	5.12	1.65	1.42	2.29	1.80	7.28
36**, 37**	16"	7-984-416	4							
38**	16"	7-984-616	6							
32**, 35**	20"	7-984-320	3							
36**, 37**	20"	7-984-420	4	5.51	6.54	1.65	1.57	2.69	2.00	10.14
38**	20"	7-984-620	6							
32**, 35**	25"	7-984-325	3							
36**, 37**	25"	7-984-425	4	6.30	8.27	2.05	1.97	2.98	2.02	16.53
38**	25"	7-984-625	6							
32**, 35**	32"	7-984-332	3							
36**, 37**	32"	7-984-432	4	6.30	8.86	2.05	1.97	2.98	2.02	16.76
38**	32"	7-984-632	6							
32**, 35**	40"	7-984-340	3							
36**, 37**	40"	7-984-440	4	7.52	12.91	2.95	2.76	3.57	2.39	39.24
38**	40"	7-984-640	6							

BISON IS CONSTANTLY ENGAGED IN MANUFACTURING OUR FAMOUS HIGH QUALITY CHUCK JAWS – ACCOMPLISHED FOR DECADES AND VALUED FOR THEIR QUALITY.

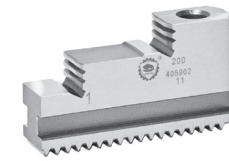
- We offer the chuck jaws for most lathe chucks around the world
- BISON chuck jaws are made of high quality steel and aluminum
- Our offer includes jaws with both tongue and groove
- The ground serration additionally effects on the clamping stability and quality of the workpiece surface
- In addition to the standard programme, we offer our customers complete solutions dedicated to specific applications.

OUR ULTIMATE GOAL IS TO CONTINUE TO REMAIN A WORLDWILDE LEADER IN PROVIDING RECISION MACHINING SOLUTIONS BY OFFERING BEST PRICE/ QUALITY FACTOR!

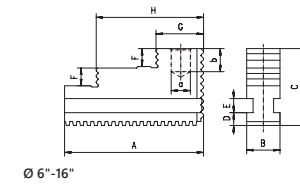
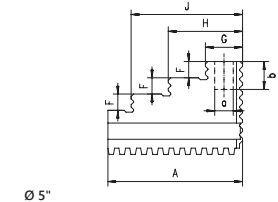




HARD SOLID JAWS



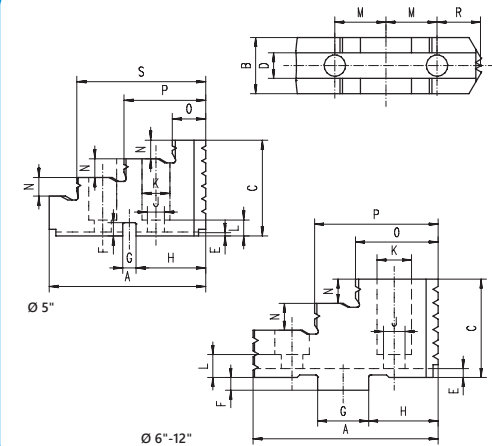
	BISON Chuck Type	Chuck Size	Code No. 3 pc set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	a [in]	b [in]	Weight lbs / pc.
Ø 5 -12"	34**	5"	7-979-205	2.28	0.55	1.57	0.26	0.28	0.28	0.63	1.26	1.89	0.31	0.47	0.88
	34**	6"	7-979-206	2.72	0.79	1.77	0.30	0.35	0.31	1.02	2.28	-	0.39	0.47	2.20
	34**	8"	7-979-208	3.54	0.87	1.97	0.31	0.35	0.45	1.30	2.85	-	0.47	0.59	3.31
	34**	10"	7-979-210	4.27	1.02	2.36	0.39	0.43	0.55	1.42	3.27	-	0.59	0.79	5.73
	34**	12"	7-979-212	5.20	1.26	2.76	0.47	0.55	0.67	1.63	4.11	-	0.79	0.79	9.70



HARD TOP JAWS

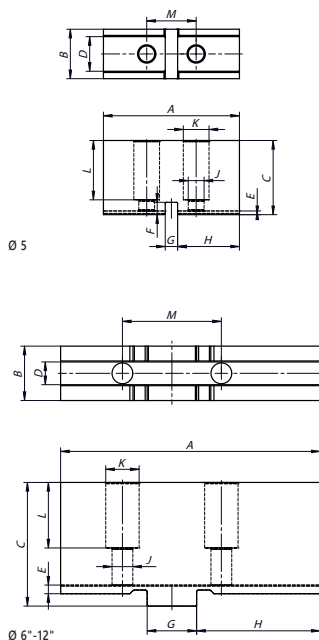


	BISON Chuck Type	Chuck Size	Code No. 3 pc set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L [in]	M [in]	N [in]	O [in]	P [in]	R [in]	S [in]	Weight lbs / pc.
Ø 5 - 12"	34**	5"	7-979-305	2.32	0.79	1.42	0.55	0.06	0.20	0.20	1.02	0.25	0.41	0.24	0.39	0.28	0.63	1.22	0.73	1.85	0.44
	34**	6"	7-979-306	2.48	0.79	1.28	0.31	0.12	0.18	0.71	0.91	0.33	0.53	0.35	0.63	0.30	1.02	1.54	0.63	-	0.44
	34**	8"	7-979-308	2.83	0.87	1.52	0.39	0.14	0.20	0.79	1.06	0.33	0.53	0.35	0.79	0.37	1.26	1.89	0.67	-	0.66
	34**	10"	7-979-310	3.54	1.18	1.97	0.47	0.14	0.20	0.79	1.18	0.51	0.75	0.28	0.79	0.55	1.59	3.19	0.79	-	1.54
	34**	12"	7-979-312	4.13	1.38	2.11	0.47	0.14	0.26	1.02	1.39	0.51	0.75	0.61	1.06	0.59	1.57	3.74	0.84	-	2.43





SOFT TOP JAWS



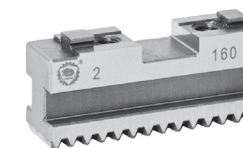
	BISON Chuck Type	Chuck Size	Code No. 3 pc set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L [in]	M [in]	Weight lbs / pc.
Ø 5 - 12"	34**	5"	7-979-405	2.17	0.79	1.18	0.55	0.06	0.2	0.2	0.98	0.25	0.41	0.94	0.79	0.01
	34**	6"	7-979-406	3.35	0.79	1.57	0.31	0.12	0.18	0.71	1.65	0.33	0.53	1.04	1.26	0.02
	34**	8"	7-979-408	4.13	0.87	1.97	0.39	0.14	0.2	0.79	1.97	0.33	0.53	1.38	1.57	0.03
	34**	10"	7-979-410	4.92	1.18	2.17	0.47	0.14	0.2	0.79	2.76	0.51	0.75	1.61	1.61	0.05
	34**	12"	7-979-412	5.71	1.38	2.36	0.47	0.14	0.24	1.02	2.91	0.51	0.75	1.5	1.5	0.07

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SGM

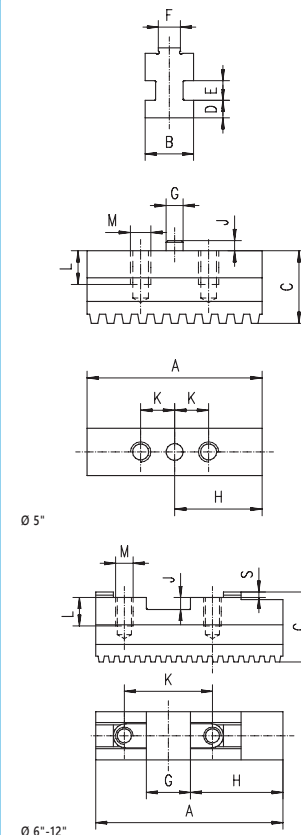


HARD MASTER JAWS



	BISON Chuck Type	Chuck Size	Code No. 3 pc set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L [in]	M* [in]	S [in]	Weight lbs / pc.
Ø 5 - 12"	34**	5"	7-979-505	2.03	0.55	0.85	0.26	0.28	-	0.20	1.01	0.12	0.39	0.39	M6	-	0.22
	34**	6"	7-979-506	2.56	0.79	1.18	0.30	0.35	0.31	0.71	1.10	0.20	1.26	0.51	M8	0.10	0.44
	34**	8"	7-979-508	3.35	0.87	1.26	0.31	0.35	0.39	0.79	1.65	0.22	1.57	0.51	M8	0.10	0.66
	34**	10"	7-979-510	3.44	1.02	1.57	0.39	0.43	0.47	0.79	1.63	0.22	1.57	0.59	M12	0.12	1.10
	34**	12"	7-979-512	4.92	1.26	1.81	0.47	0.55	0.47	1.02	2.72	0.28	2.13	0.67	M12	0.12	2.20

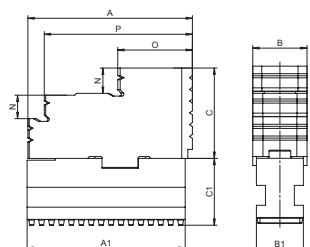
* Screws are included in delivery



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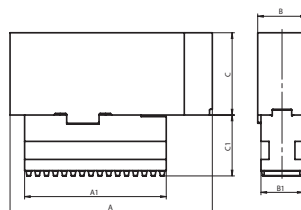
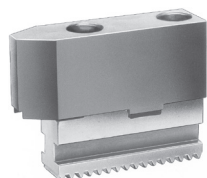


HARD 2-PC REVERSIBLE JAWS



	BISON Chuck Type	Chuck Size	Code No. 3 pc set	A [in]	A1 [in]	B [in]	B1 [in]	C [in]	C1 [in]	N [in]	O [in]	P [in]	Weight lbs / pc
Ø 5 - 12"	34**	5"	7-979-705	2.32	2.03	0.79	0.55	1.42	0.85	0.28	0.63	1.22	0.66
	34**	6"	7-979-706	2.48	2.56	0.79	0.79	1.28	1.08	0.30	1.02	1.54	0.88
	34**	8"	7-979-708	2.83	3.35	0.87	0.87	1.52	1.16	0.37	1.26	1.89	1.32
	34**	10"	7-979-710	3.54	3.44	1.18	1.02	1.97	1.46	0.55	1.59	3.19	2.65
	34**	12"	7-979-712	4.13	4.92	1.38	1.26	2.11	1.69	0.59	1.57	3.74	4.63

SOFT 2-PC JAWS

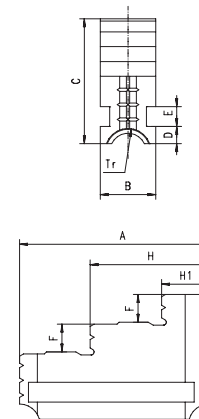


	BISON Chuck Type	Chuck Size	Code No. 3 pc set	A [in]	A1 [in]	B [in]	B1 [in]	C [in]	C1 [in]	Weight lbs / pc.
Ø 5 - 12"	34**	5"	7-979-805	2.17	2.03	0.79	0.55	1.18	0.85	0.66
	34**	6"	7-979-806	3.35	2.56	0.79	0.79	1.40	1.08	1.32
	34**	8"	7-979-808	4.13	3.35	0.87	0.87	1.77	1.16	2.20
	34**	10"	7-979-810	4.92	3.44	1.18	1.02	1.97	1.46	3.75
	34**	12"	7-979-812	5.71	4.92	1.38	1.26	2.13	1.69	6.17





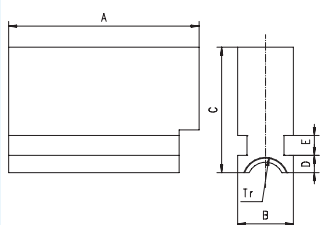
HARD SOLID JAWS • REVERSIBLE CLAMPING



BISON Chuck Type	Chuck Size	Code No.	Qty in set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	LH Thread [mm]	H ₁ [in]	H [in]	Weight lbs / pc.
45*5; 47*5	8"	7-891-3108	3	3.35	0.98	2.28	0.43	0.39	0.47	Tr 18 x 2	0.98	2.20	1.32
46*5; 48*5	8"	7-891-108	4										
45*5; 47*5	10"	7-891-3110	3	3.58	1.10	2.40	0.39	0.39	0.55	Tr 18 x 2	1.04	2.36	1.76
46*5; 48*5	10"	7-891-110	4										
45*5; 47*5	12"	7-891-3112	3	4.92	1.26	2.87	0.53	0.47	0.71	Tr 24 x 3	1.06	2.99	3.53
46*5; 48*5	12"	7-891-112	4										
45*5; 47*5	16"	7-891-3116	3	5.71	1.42	3.54	0.47	0.55	0.87	Tr 24 x 3	1.38	3.87	3.97
46*5; 48*5	16"	7-891-116	4										
45*5; 47*5	20"	7-891-3120	3	7.09	1.57	3.94	0.59	0.55	1.02	Tr 26 x 3	1.96	4.70	8.60
46*5; 48*5	20"	7-891-120	4										
45*5; 47*5	25"	7-891-3125	3	8.86	1.97	4.25	0.55	0.55	1.10	Tr 26 x 3	2.56	5.83	9.92
46*5; 48*5	25"	7-891-125	4										
45*5; 47*5	32"	7-891-3132	3	9.06	2.05	4.29	0.51	0.59	1.10	Tr 36 x 6	2.36	5.71	13.23
46*5; 48*5	32"	7-891-132	4										

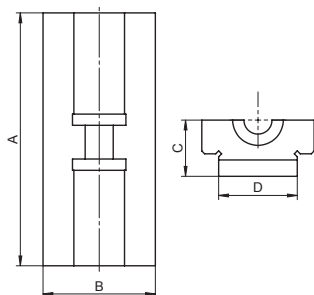


SOFT SOLID JAWS



	BISON Chuck Type	Chuck Size	Code No.	Qty in set	A [in]	B [in]	C [in]	D [in]	E [in]	G [in]	LH Thread [mm]	H ₁ [in]	H [in]	Weight lbs / pc.
Ø 8 - 25"	45°5; 47°5	8"	7-891-3308	3	3.35	0.98	2.28	0.43	0.39	0.47	Tr 18 x 2	0.98	2.20	1.32
	46°5; 48°5	8"	7-891-308	4										
	45°5; 47°5	10"	7-891-3310	3	3.58	1.10	2.40	0.39	0.39	0.55	Tr 18 x 2	1.04	2.36	1.76
	46°5; 48°5	10"	7-891-310	4										
	45°5; 47°5	12"	7-891-3312	3	4.92	1.26	2.87	0.53	0.47	0.71	Tr 24 x 3	1.06	2.99	3.53
	46°5; 48°5	12"	7-891-312	4										
	45°5; 47°5	16"	7-891-3316	3	5.71	1.42	3.54	0.47	0.55	0.87	Tr 24 x 3	1.38	3.87	3.97
	46°5; 48°5	16"	7-891-316	4										
	45°5; 47°5	20"	7-891-3320	3	7.09	1.57	3.94	0.59	0.55	1.02	Tr 26 x 3	1.96	4.70	8.60
	46°5; 48°5	20"	7-891-320	4										
	45°5; 47°5	25"	7-891-3325	3	8.86	1.97	4.25	0.55	0.55	1.10	Tr 26 x 3	2.56	5.83	9.92
	46°5; 48°5	25"	7-891-325	4										

HARD MASTER JAWS



	BISON Chuck Type	Chuck Size	Code No.	Qty in set	A [in]	B [in]	C [in]	D [in]	Weight lbs / pc.
Ø 8 - 32"	45°5; 47°5	8"	7-891-3208	3	3.11	1.42	0.71	0.98	0.66
	46°5; 48°5	8"	7-891-208	4					
	45°5; 47°5	10"	7-891-3210	3	3.54	1.57	0.79	1.10	0.88
	46°5; 48°5	10"	7-891-210	4					
	45°5; 47°5	12"	7-891-3212	3	4.17	1.69	0.87	1.26	1.10
	46°5; 48°5	12"	7-891-212	4					
	45°5; 47°5	16"	7-891-3216	3	5.08	1.93	0.91	1.42	1.54
	46°5; 48°5	16"	7-891-216	4					
	45°5; 47°5	20"	7-891-3220	3	6.02	2.17	0.98	1.57	2.20
	46°5; 48°5	20"	7-891-220	4					
	45°5; 47°5	25"	7-891-3225	3	7.32	2.52	1.02	1.97	3.53
	46°5; 48°5	25"	7-891-225	4					
	45°5; 47°5	32"	7-891-3232	3	7.32	2.60	1.14	1.97	3.09
	46°5; 48°5	32"	7-891-232	4					

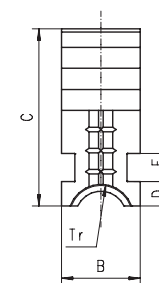
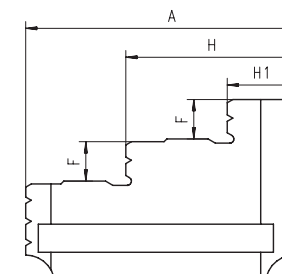




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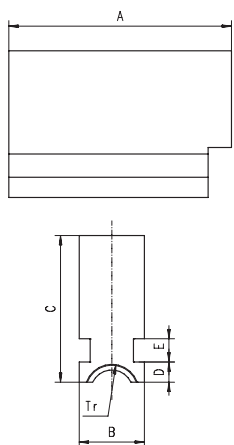
BISON Chuck Type	Chuck Size	Code No. 4 pc set	Code No. 1 pc	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	H ₁ [in]	H [in]	LH Thread [mm]	Weight lbs / pc.
Ø 3 - 32"	43** 3-1/2"	7-890-103	7-890-1030	1.34	0.51	1.18	0.18	0.20	0.28	0.31	0.69	Tr 16x2	0.22
	43** 4"	7-890-104	7-890-1040	1.34	0.51	1.18	0.18	0.20	0.28	0.31	0.69	Tr 16x2	0.22
	43** 5"	7-890-105	7-890-1050	2.01	0.63	1.36	0.24	0.20	0.31	0.49	1.24	Tr 18x4	0.22
	43** 6"	7-890-106	7-890-1060	2.01	0.63	1.36	0.24	0.20	0.31	0.49	1.24	Tr 18x4	0.22
	43** 8"	7-890-108	7-890-1080	3.19	1.26	2.48	0.34	0.39	0.55	0.69	1.91	Tr 28x5	1.54
	43** 10"	7-890-110	7-890-1100	3.80	1.26	2.48	0.34	0.39	0.55	0.91	2.32	Tr 28x5	2.87
	43** 12"	7-890-112	7-890-1120	4.37	1.57	3.01	0.38	0.47	0.71	1.06	2.64	Tr 32x6	3.31
	43** 13-2/3"	7-890-112	7-890-1120	4.37	1.57	3.01	0.38	0.47	0.71	1.06	2.64	Tr 32x6	3.31
	43** 16"	7-890-116	7-890-1160	5.08	1.57	3.01	0.38	0.47	0.71	1.28	3.09	Tr 32x6	3.97
	43** 20"	7-890-120	7-890-1200	6.00	2.05	3.68	0.46	0.59	0.87	1.38	3.66	Tr 36x6	7.50
	43** 25"	7-890-125	7-890-1250	6.97	2.05	3.68	0.46	0.59	0.98	1.77	4.29	Tr 40x6	8.82
	43** 32"	7-890-132	7-890-1320	7.95	2.76	4.51	0.62	0.79	0.98	1.73	4.80	Tr 44x8	17.20



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SOFT SOLID JAWS



BISON Chuck Type	Chuck Size	Code No. 4 pc set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	H ₁ [in]	H [in]	LH Thread [mm]	Weight lbs / pc.
43**	8"	7-892-408	3.19	1.26	2.48	0.34	0.39	0.55	0.69	1.91	Tr 28x5	1.54
43**	10"	7-892-410	3.80	1.26	2.48	0.34	0.39	0.55	0.91	2.32	Tr 28x5	2.87
43**	12"	7-892-412	4.37	1.57	3.01	0.38	0.47	0.71	1.06	2.64	Tr 32x6	3.31
43**	16"	7-892-416	5.08	1.57	3.01	0.38	0.47	0.71	1.28	3.09	Tr 32x6	3.97
43**	20"	7-892-420	6.00	2.05	3.68	0.46	0.59	0.87	1.38	3.66	Tr 36x6	7.50
43**	25"	7-892-425	6.97	2.05	3.68	0.46	0.59	0.98	1.77	4.29	Tr 40x6	8.82
43**	32"	7-892-432	7.95	2.76	4.51	0.62	0.79	0.98	1.73	4.80	Tr 44x8	17.20

Ø 8 - 32"

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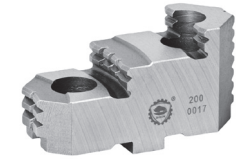
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SJM



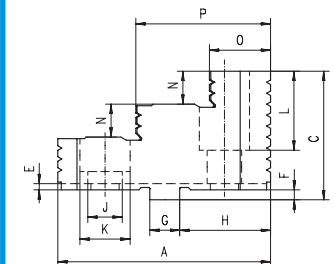
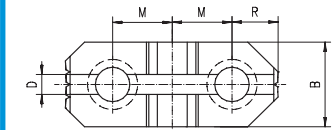


HARD TOP JAWS

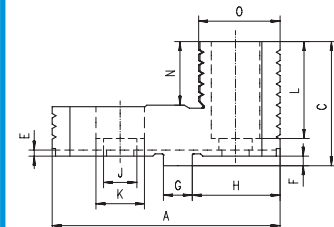


BISON Chuck Type	Chuck Size	Code No. 1 pc	Code No. 4 pc set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L [in]	M [in]	N [in]	O [in]	P [in]	R [in]	Weight lbs / pc.
43**	8"	7-890-208	7-890-207	3.23	1.34	1.71	0.31	0.16	0.13	0.50	1.39	0.43	0.71	0.85	0.88	0.37	0.87	2.09	0.76	1.10
43**	10"	7-890-210	7-890-209	3.80	1.34	2.03	0.50	0.16	0.13	0.75	1.57	0.55	0.79	1.04	1.06	0.47	0.98	2.44	0.89	1.54
43**	12"	7-890-212	7-890-211	4.43	1.65	2.17	0.50	0.16	0.13	0.75	1.89	0.55	0.79	1.08	1.25	0.51	1.06	2.78	1.01	2.87
43**	16"	7-890-216	7-890-215	5.08	1.65	2.54	0.50	0.16	0.25	0.75	2.26	0.71	1.02	1.26	1.50	0.53	1.04	3.11	1.13	4.63
43**	20"; 25"	7-890-220	7-890-219	5.35	2.13	3.23	0.50	0.16	0.25	0.75	2.28	0.87	1.30	1.69	1.50	0.83	1.48	3.43	1.16	6.61
43**	32"	7-890-232H	7-890-232E	5.35	2.83	3.46	0.50	0.16	0.25	0.75	2.28	0.87	1.30	1.81	1.50	0.94	1.57	3.50	1.16	9.26
43**	36"	7-890-249H	7-890-249	6.30	2.83	3.82	0.50	0.16	0.25	0.75	2.28	0.87	1.30	2.80	1.50	1.97	2.36	-	1.16	9.26
43**	40"	7-890-249H	7-890-249	6.30	2.83	3.82	0.50	0.16	0.25	0.75	2.28	0.87	1.30	2.80	1.50	1.97	2.36	-	1.16	9.26
43**	49"	7-890-249H	7-890-249	6.30	2.83	3.82	0.50	0.16	0.25	0.75	2.28	0.87	1.30	2.80	1.50	1.97	2.36	-	1.16	9.26

Ø 8 - 49"



Ø 10"-32"

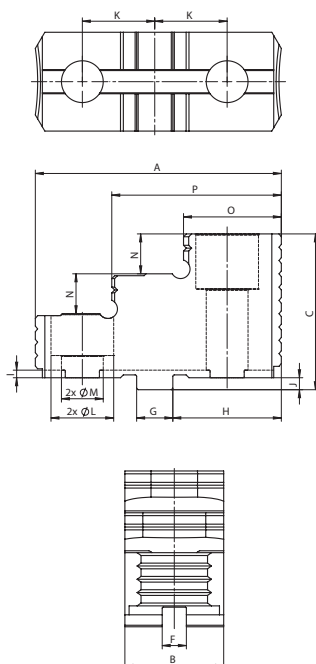
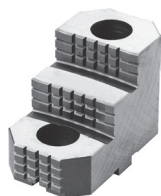


Ø 36"-49"

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HARD TOP JAWS • HD

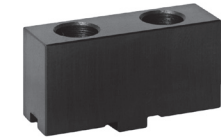


BISON Chuck Type	Code No. 4 pc set	Code No. 1 pc	A [in]	B [in]	C [in]	F [in]	G [in]	H [in]	I [in]	J [in]	K [in]	M [in]	L [in]	N [in]	O [in]	P [in]	Weight lbs / pc.
4317-16"-8A2-5.3" HD																	
4317-16"-11A2 DIN-6.5" HD																	
4317-20"-11A2 DIN-6.5" HD																	
4317-20"-15A2 DIN-10" HD																	
4317-20"-15A2 DIN-8" HD	7-890-2222	7-890-2223	5.31	2.44	3.23	0.50	0.75	2.25	0.16	0.25	1.50	0.87	1.30	0.83	2.20	3.49	6.04
4347-16"-8-5.3" HD																	
4347-16"-11-6.5" HD																	
4347-20"-8-5.3" HD																	
4347-20"-11-6.5" HD																	
4317-25"-15A2 DIN-10.5" HD																	
4317-25"-20A2-10.5" HD																	
4317-25"-20A2-12.5" HD																	
4347-28"-11-7.5" HD																	
4317-28"-15A2 DIN-10.5" HD																	
4317-28"-20A2-12.5" HD																	
4317-32"-15A2 DIN-10.5" HD	7-890-2322	7-890-2323	5.31	2.95	3.82	0.50	0.75	2.25	0.16	0.25	1.50	0.94	1.38	1.10	2.26	3.54	8.82
4317-32"-20A2-12.5" HD																	
4317-32"-20A2-14.5" HD																	
4317-32"-20A2-10.5" HD																	
4317-40"-28A2-20.5" HD																	
4307-40"-20.5"-8" HD																	
4307-49"-20.5"-8" HD																	
4317-49"-15A2 DIN-11" HD																	

Ø 16 - 49"



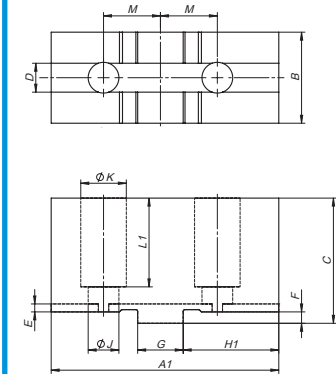
SOFT TOP JAWS



BISON Chuck Type	Chuck Size	Code No. 1 pc	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L1 [in]	M [in]	Weight lbs / pc. ¹⁾
43**	8"	7-884-308	3.54	1.06	1.71	0.31	0.16	0.13	0.50	1.57	0.43	0.71	1.22	0.88	1.54
43**	10"	7-884-310	4.17	1.28	2.03	0.50	0.16	0.13	0.75	1.77	0.55	0.79	1.50	1.06	2.65
43**	12"	7-884-312	4.72	1.46	2.17	0.50	0.16	0.13	0.75	2.09	0.55	0.79	1.57	1.25	3.53
43**	16"	7-884-316	5.51	1.65	2.54	0.50	0.16	0.25	0.75	2.48	0.71	1.02	1.79	1.50	4.85
43**	20"	7-884-320	5.51	1.65	2.93	0.50	0.16	0.25	0.75	2.48	0.87	1.30	2.20	1.50	5.29
43**	25"	7-884-325	5.51	2.13	3.23	0.50	0.16	0.25	0.75	2.28	0.87	1.30	2.52	1.50	7.94
43**	32"	7-884-325	5.51	2.83	3.46	0.50	0.16	0.25	0.75	2.28	0.87	1.30	2.76	1.50	12.13
43**	36"	7-884-332	6.30	2.83	3.82	0.50	0.16	0.25	0.75	2.28	0.87	1.30	2.83	1.50	15.87
43**	40"	7-884-332	6.30	2.83	3.82	0.50	0.16	0.25	0.75	2.28	0.87	1.30	2.83	1.50	15.87
43**	49"	7-884-332	6.30	2.83	3.82	0.50	0.16	0.25	0.75	2.28	0.87	1.30	2.83	1.50	15.87

Ø 8 - 49"

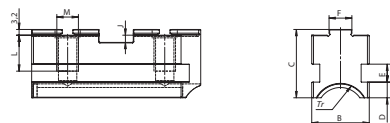
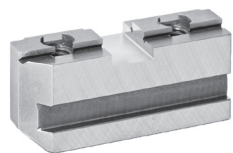
¹⁾ Sold by piece



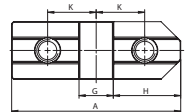
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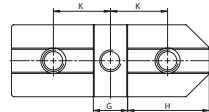
HARD MASTER JAWS



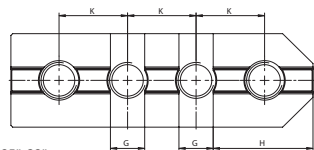
Ø 8"-10"



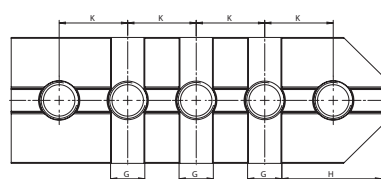
Ø 12"-16"



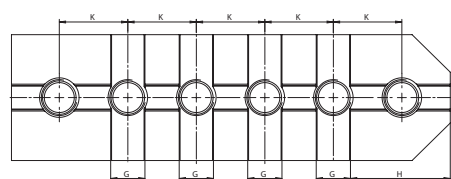
Ø 25"



Ø 25"-32"



Ø 36"-49"



Ø 8 - 49"

BISON Chuck Type	Chuck Size	Code No. 1 pc	Code No. 4 pc set	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L [in]	M*	LH Thread [mm]	Weight lbs / pc.
43**	8"	7-890-308	7-890-307	3.11	1.26	1.26	0.34	0.39	0.31	0.50	1.31	0.16	0.88	0.55	3/8"-16	Tr 28x5	0.66
43**	10"	7-890-310	7-890-309	3.70	1.26	1.50	0.34	0.39	0.50	0.75	1.48	0.16	1.06	0.79	1/2"-13	Tr 28x5	1.32
43**	12"	7-890-312	7-890-311	4.33	1.57	1.54	0.38	0.47	0.50	0.75	1.79	0.16	1.25	0.69	1/2"-13	Tr 32x6	1.98
43**	16"	7-890-316	7-890-315	5.08	1.57	1.73	0.38	0.47	0.50	0.75	2.16	0.28	1.50	0.87	5/8"-11	Tr 32x6	1.98
43**	20"	7-890-320	7-890-319	6.61	2.05	2.32	0.46	0.59	0.50	0.75	2.19	0.28	1.50	1.38	3/4"-10	Tr 36x6	5.29
43**	25"	7-890-325	7-890-324	8.11	2.05	2.32	0.46	0.59	0.50	0.75	2.19	0.28	1.50	1.38	3/4"-10	Tr 40x6	5.95
43**	32"	7-890-332	7-890-331	8.11	2.76	2.32	0.62	0.79	0.50	0.75	2.19	0.28	1.50	1.32	3/4"-10	Tr 44x8	8.38
43**	36"	7-890-336	7-890-335	9.61	2.76	2.32	0.62	0.79	0.50	0.75	2.19	0.28	1.50	1.38	3/4"-10	Tr 44x6	11.90
43**	40"	7-890-336	7-890-335	9.61	2.76	2.32	0.62	0.79	0.50	0.75	2.19	0.28	1.50	1.38	3/4"-10	Tr 44x6	11.90
43**	49"	7-890-336	7-890-335	9.61	2.76	2.32	0.62	0.79	0.50	0.75	2.19	0.28	1.50	1.38	3/4"-10	Tr 44x6	11.90

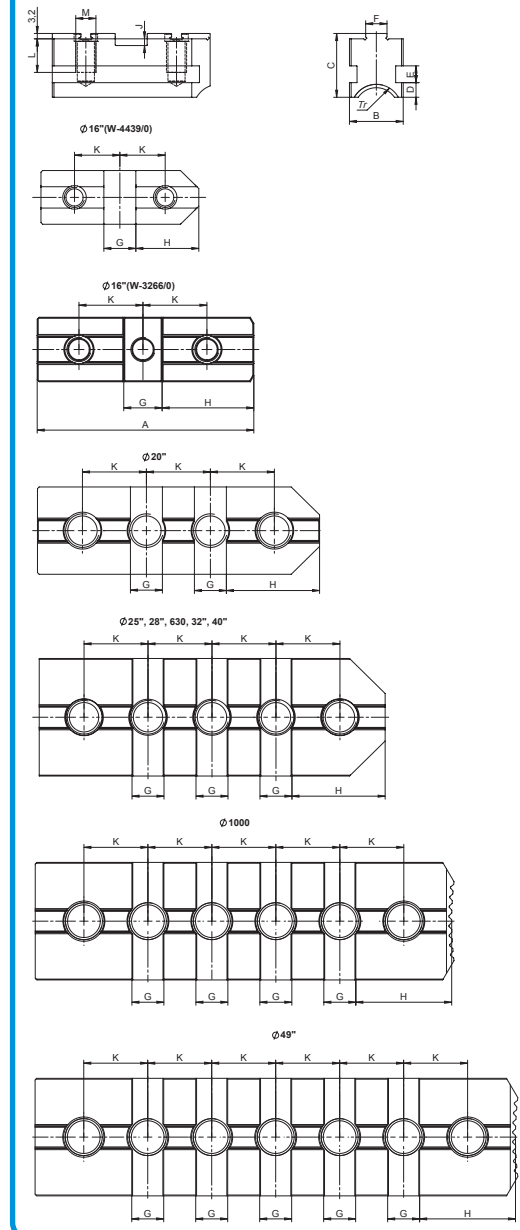
*Screws are included in delivery



HARD MASTER JAWS • HD

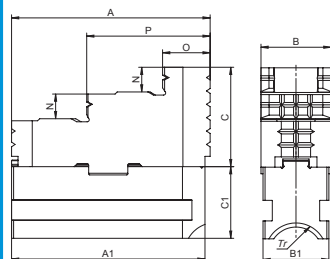
Ø 16 - 49"	BISON Chuck Type	Code No. 4 pc set	Code No. 1 pc	A [in]	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	L [in]	M* [in]	LH Thread [mm]	Weight lbs / pc.
Ø 16 - 49"	4317-16"-8A2-5.3" HD 4347-16"-8-5.3" HD 4347-16"-11-6.5" HD 4317-16"-11A2 DIN-6.5" HD 4317-20"-15A2 DIN-10" HD	7-890-1624	7-890-1625	5.20	2.36	2.28	0.62	0.79	0.50	0.75	2.25	0.28	1.50	1.32	3/4"-10	Tr 44x8	5.51
	4347-20"-8-5.3" HD 4347-20"-11-6.5" HD 4317-20"-11A2 DIN-6.5" HD 4317-20"-15A2 DIN-8" HD	7-890-2024	7-890-2025	6.69	2.36	2.28	0.62	0.79	0.50	0.75	2.25	0.28	1.50	1.32	3/4"-10	Tr 44x8	7.05
	4317-25"-15A2 DIN-10.5" HD 4317-25"-20A2-10.5" HD 4317-25"-20A2-12.5" HD 4317-28"-20A2-12.5" HD 4347-28"-11-7.5" HD	7-890-3324	7-890-3325	8.19	2.76	2.40	0.62	0.79	0.50	0.75	2.25	0.28	1.50	1.32	7/8"-9	Tr 50x8	10.25
	4317-28"-15A2 DIN-10.5" HD 4317-32"-15A2 DIN-10.5" HD 4317-32"-20A2-12.5" HD 4317-32"-20A2-14.5" HD 4317-40"-28A2-20.5" HD																

* Screws are included in delivery



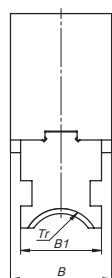
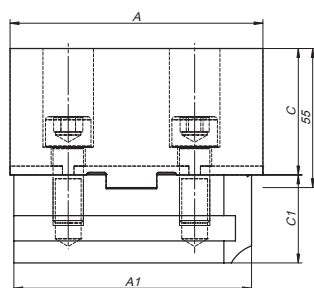


HARD 2-PC REVERSIBLE JAWS



	BISON Chuck Type	Chuck Size	Code No. 4 pc set	A [in]	A1 [in]	B [in]	B1 [in]	C [in]	C1 [in]	N [in]	O [in]	P [in]	LH Thread [mm]	Weight lbs / pc.
Ø 8 - 49"	43**	8"	7-890-4108	3.23	3.11	1.34	1.26	1.59	1.13	0.37	0.87	2.09	Tr 28x5	1.98
	43**	10"	7-890-4110	3.80	3.70	1.34	1.26	1.90	1.37	0.47	0.98	2.44	Tr 28x5	2.65
	43**	12"	7-890-4112	4.43	4.33	1.65	1.57	2.04	1.41	0.51	1.06	2.78	Tr 32x6	4.41
	43**	16"	7-890-4116	5.08	5.08	1.65	1.57	2.29	1.61	0.55	1.04	3.11	Tr 32x6	6.39
	43**	20"	7-890-4120	5.35	6.61	2.13	2.05	2.98	2.20	0.83	1.48	3.43	Tr 36x6	12.35
	43**	25"	7-890-4125	5.35	8.11	2.13	2.05	2.98	2.20	0.83	1.48	3.43	Tr 40x6	12.57
	43**	32"	7-890-4132	5.35	8.11	2.83	2.76	3.22	2.20	0.94	2.20	3.46	Tr 44x8	19.18
	43**	36"	7-890-4140	6.30	9.61	2.83	2.76	3.57	2.20	1.97	2.36	-	Tr 44x6	22.27
	43**	40"	7-890-4140	6.30	9.61	2.83	2.76	3.57	2.20	1.97	2.36	-	Tr 44x6	22.27
	43**	49"	7-890-4140	6.30	9.61	2.83	2.76	3.57	2.20	1.97	2.36	-	Tr 44x6	22.27

SOFT 2-PC JAWS



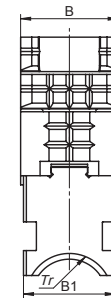
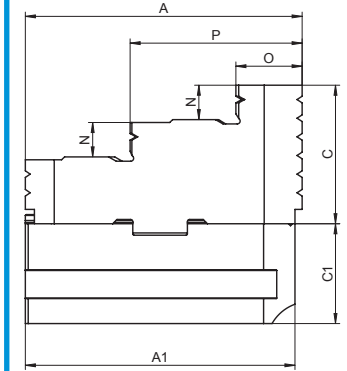
	BISON Chuck Type	Chuck Size	Code No. 4 pc set	A [in]	A1 [in]	B [in]	B1 [in]	C [in]	C1 [in]	LH Thread [mm]	Weight lbs / pc.
Ø 8 - 49"	43**	8"	7-890-4208	3.54	3.11	1.06	1.26	1.59	1.13	Tr 28x5	2.20
	43**	10"	7-890-4210	4.17	3.70	1.28	1.26	1.90	1.37	Tr 28x5	4.19
	43**	12"	7-890-4212	4.72	4.33	1.46	1.57	2.04	1.41	Tr 32x6	5.73
	43**	16"	7-890-4216	5.51	5.08	1.65	1.57	2.29	1.61	Tr 32x6	7.28
	43**	20"	7-890-4220	5.51	6.61	1.65	2.05	2.69	2.20	Tr 36x6	11.24
	43**	25"	7-890-4225	5.51	8.11	2.13	2.05	2.98	2.20	Tr 40x6	14.55
	43**	32"	7-890-4232	5.51	8.11	2.83	2.76	3.22	2.20	Tr 44x8	21.38
	43**	36"	7-890-4236	6.30	9.61	2.83	2.76	3.57	2.20	Tr 44x6	28.44
	43**	40"	7-890-4236	6.30	9.61	2.83	2.76	3.57	2.20	Tr 44x6	28.44
	43**	49"	7-890-4236	6.30	9.61	2.83	2.76	3.57	2.20	Tr 44x6	28.44





HARD 2-PC REVERSIBLE JAWS • HD

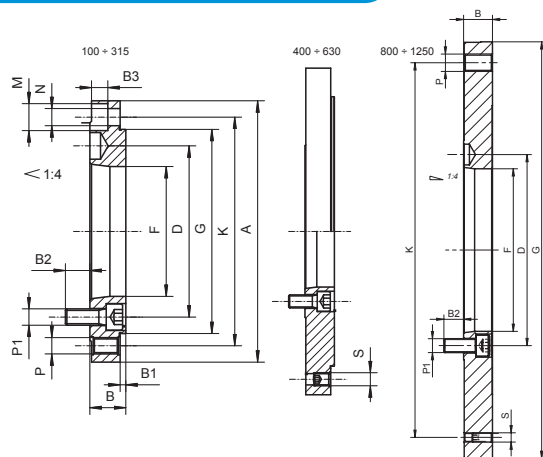
Ø 16 - 49"	BISON Chuck Type	Code No. 4 pc set	A [in]	A1 [in]	B [in]	B1 [in]	C [in]	C1 [in]	N [in]	O [in]	P [in]	LH Thread [mm]	Weight lbs / pc.
	4347-16"-8-5.3" HD 4317-16"-8A2-5.3" HD 4317-16"-11A2 DIN-6.5" HD 4347-16"-11-6.5" HD	7-890-816ST	5.31	5.20	2.44	2.36	2.98	2.16	0.83	2.20	3.49	Tr 44x8	12.37
	4347-20"-8-5.3" HD 4347-20"-11-6.5" HD 4317-20"-11A2 DIN-6.5" HD 4317-20"-15A2 DIN-10" HD 4317-20"-15A2 DIN-8" HD	7-890-820ST	5.31	6.69	2.44	2.36	2.98	2.16	0.83	2.20	3.49	Tr 44x8	13.89
	4317-25"-15A2 DIN-10.5" HD 4317-25"-20A2-10.5" HD 4317-25"-20A2-12.5" HD 4347-28"-11-7.5" HD 4317-28"-15A2 DIN-10.5" HD 4317-28"-20A2-12.5" HD 4317-32"-15A2 DIN-10.5" HD 4317-32"-20A2-12.5" HD 4317-32"-20A2-14.5" HD 4317-40"-28A2-20.5" HD	7-890-532HD	5.31	8.19	2.95	2.76	3.57	2.28	1.10	2.26	3.54	Tr 50x8	20.22



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SDT HD

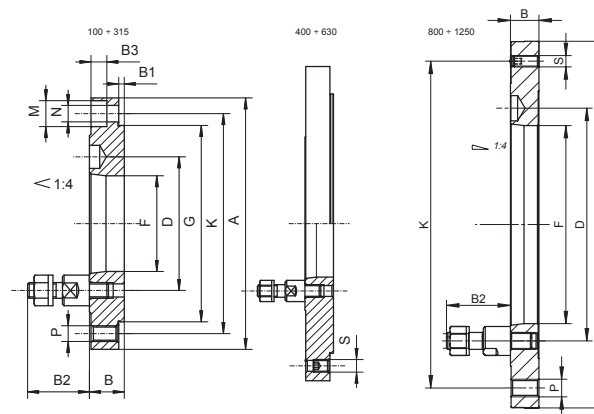
FULLY-FINISHED ADAPTER PLATES

8210-X
TYPE A

Code No.	W* [in]	Taper Size	A [in]	B [in]	B1 [in]	B2 [in]	B3 [in]	D [in]	F [in]	G h6 [in]	K [in]	M [in]	N [in]	P	P1	S	Weight [lbs]
7-873-043F	4"	3	3.94	0.87	0.10	0.55	-	2.78	2.02	2.76	3.27	-	-	3xM8	3xM10	-	0.8
7-873-053F	5"	3	4.92	0.87	0.14	0.55	0.39	2.78	2.02	3.74	4.25	3x0.53	3x0.33	3xM8	3xM10	-	1.4
7-873-054F	5"	4	4.92	0.87	0.14	0.51	-	3.25	2.40	3.74	4.25	-	-	3xM8	3xM10	-	1.3
7-873-063F	6"	3	6.30	0.87	0.14	0.55	0.39	2.78	2.02	4.92	5.51	6x0.65	6x0.41	3xM10	3xM10	-	2.4
7-873-064F	6"	4	6.30	0.87	0.14	0.59	0.39	3.25	2.40	4.92	5.51	6x0.65	6x0.41	3xM10	6xM10	-	2.2
7-873-065F	6"	5	6.30	0.87	0.14	0.59	0.39	4.13	3.13	4.92	5.51	6x0.65	6x0.41	3xM10	6xM10	-	1.9
7-873-066F	6"	6	6.30	0.87	0.14	0.77	-	5.25	4.06	4.92	5.51	-	-	3xM10	3xM12	-	1.6
7-873-084F	8"	4	7.87	0.87	0.14	0.59	0.39	3.25	2.40	6.30	6.93	6x0.65	6x0.41	3xM10	6xM10	-	3.9
7-873-085F	8"	5	7.87	0.87	0.14	0.59	0.39	4.13	3.13	6.30	6.93	6x0.65	6x0.41	3xM10	6xM10	-	3.6
7-873-086F	8"	6	7.87	0.87	0.14	0.83	0.39	5.25	4.06	6.30	6.93	6x0.65	6x0.41	3xM10	6xM12	-	3.1
7-873-105F	10"	5	9.84	1.10	0.18	0.47	0.47	4.13	3.13	7.87	8.82	6x0.75	6x0.51	3xM12	6xM10	-	7.7
7-873-106F	10"	6	9.84	1.10	0.18	0.75	0.47	5.25	4.06	7.87	8.82	6x0.75	6x0.51	3xM12	6xM12	-	7.1
7-873-108F	10"	8	9.84	1.10	0.18	0.94	0.47	6.75	5.36	7.87	8.82	6x0.75	6x0.51	3xM12	6xM16	-	5.9
7-873-126F	12"	6	12.40	1.30	0.18	0.75	0.63	5.25	4.06	10.24	11.26	6x0.98	6x0.67	3xM16	6xM12	-	14.6
7-873-128F	12"	8	12.40	1.30	0.18	0.87	0.63	6.75	5.36	10.24	11.26	6x0.98	6x0.67	3xM16	6xM16	-	13.2
7-873-129F	12"	11	12.40	1.50	0.18	1.26	-	9.25	7.59	10.24	11.26	-	-	6xM16	6xM20	-	12.0
7-873-166F	16"	6	15.75	1.42	0.18	0.83	0.63	5.25	4.06	12.99	14.25	6x0.98	6x0.67	6xM16	6xM12 3xM16	27.7	
7-873-168F	16"	8	15.75	1.42	0.18	0.79	0.63	6.75	5.36	12.99	14.25	6x0.98	6x0.67	6xM16	6xM16 3xM16	26.0	
7-873-169F	16"	11	15.75	1.42	0.18	1.18	0.67	9.25	7.59	12.99	14.25	6x0.98	6x0.67	6xM16	6xM20 3xM16	22.5	
7-873-208F	20"	8	19.69	1.42	0.18	0.79	0.63	6.75	5.36	16.54	18.03	6x0.98	6x0.67	6xM16	6xM16 3xM16	43.4	
7-873-205F	20"	11	19.69	1.42	0.18	1.18	0.63	9.25	7.59	16.54	18.03	6x0.98	6x0.67	6xM16	6xM20 3xM16	39.9	
7-873-2095F	20"	15	19.69	1.42	0.18	1.26	0.63	13.00	11.08	16.54	18.03	6x0.98	6x0.67	6xM16	6xM24 3xM16	31.6	
7-873-258F	25"	8	24.80	1.65	0.24	0.87	0.75	6.75	5.36	21.46	23.07	6x0.98	6x0.67	6xM16	6xM16 3xM16	84.0	
7-873-259F	25"	11	24.80	1.65	0.24	0.94	0.75	9.25	7.59	21.46	23.07	6x0.98	6x0.67	6xM16	6xM20 3xM16	79.7	
7-873-2600F	25"	15	24.80	1.65	0.24	1.42	0.75	13.00	11.08	21.46	23.07	6x0.98	6x0.67	6xM16	6xM24 3xM16	79.1	
7-873-329F	32"	11	-	1.77	-	1.18	-	9.25	7.59	17.72	14.50	-	-	12xM24	6xM20 3xM16	40.4	
7-873-336F	32"	15	-	1.57	-	1.42	-	13.00	11.08	14.96	13.00	-	-	11xM24	6xM24	-	13.7
7-873-335F	32"	15	-	1.89	-	1.34	-	13.00	11.08	17.72	14.50	-	-	8xM24	8xM24 3xM24	31.3	
7-873-415F	40"	15	-	1.77	-	1.38	-	13.00	11.08	20.47	18.25	-	-	6xM24	8xM24 3xM16	44.6	

W - Chuck diameter

FULLY-FINISHED ADAPTER PLATES

8230-X
TYPE C

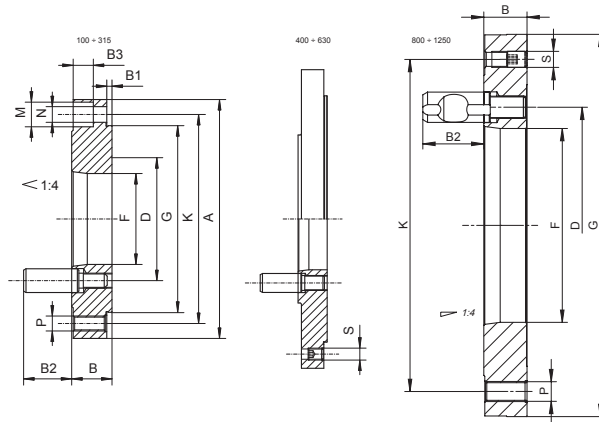
Code No.	W* [in]	Taper Size	A [in]	B [in]	B1 [in]	B2 [in]	D [in]	F [in]	G h6 [in]	K [in]	M [in]	N [in]	P	S	Weight [lbs]
7-921-043F	4"	3	3.94	0.87	0.10	1.34	2.95	2.02	2.76	3.27	3x0.53	3x0.33	6xM8	-	1.98
7-921-053F	5"	3	4.92	0.87	0.14	1.34	2.95	2.02	3.74	4.25	3x0.53	3x0.33	6xM8	-	3.53
7-921-064F	5"	4	4.92	0.87	0.14	1.54	3.35	2.40	3.74	4.25	3x0.53	3x0.33	6xM8	-	3.09
7-921-063F	6"	3	6.30	0.87	0.14	1.34	2.78	2.02	4.92	5.51	6x0.65	6x0.41	6xM10	-	5.73
7-921-064F	6"	4	6.30	0.87	0.14	1.54	3.35	2.40	4.92	5.51	6x0.65	6x0.41	6xM10	-	5.51
7-921-065F	6"	5	6.30	0.87	0.14	1.69	4.13	3.13	4.92	5.51	6x0.65	6x0.41	6xM10	-	4.85
7-921-066F	6"	6	6.30	0.87	0.14	1.97	5.25	4.06	4.92	5.51	6x0.65	6x0.41	6xM10	-	4.19
7-921-083F	8"	3	7.87	0.87	0.14	1.34	2.78	2.02	6.30	6.93	6x0.65	6x0.41	6xM10	-	9.26
7-921-084F	8"	4	7.87	0.87	0.14	1.54	3.35	2.40	6.30	6.93	6x0.65	6x0.41	6xM10	-	9.04
7-921-085F	8"	5	7.87	0.87	0.14	1.69	4.13	3.13	6.30	6.93	6x0.65	6x0.41	6xM10	-	8.60
7-921-086F	8"	6	7.87	0.87	0.14	1.97	5.25	4.06	6.30	6.93	6x0.65	6x0.41	6xM10	-	7.94
7-921-105F	10"	5	9.84	1.10	0.18	1.69	4.13	3.13	7.87	8.82	6x0.75	6x0.51	6xM12	-	17.86
7-921-106F	10"	6	9.84	1.10	0.18	1.97	5.25	4.06	7.87	8.82	6x0.75	6x0.51	6xM12	-	16.76
7-921-108F	10"	8	9.84	1.10	0.18	2.36	6.75	5.36	7.87	8.82	6x0.75	6x0.51	6xM12	-	14.77
7-921-126F	12"	6	12.40	1.30	0.18	1.97	5.25	4.06	10.24	11.26	6x0.98	6x0.67	6xM16	-	33.29
7-921-128F	12"	8	12.40	1.30	0.18	2.36	6.75	5.36	10.24	11.26	6x0.98	6x0.67	6xM16	-	30.86
7-921-129F	12"	11	12.40	1.30	0.18	2.95	9.25	7.59	10.24	11.26	6x0.98	6x0.67	6xM16	-	26.90
7-921-166F	16"	6	15.75	1.42	0.18	1.97	5.25	4.06	12.99	14.25	6x0.98	6x0.67	6xM16 3xM16	62.17	
7-921-168F	16"	8	15.75	1.42	0.18	2.36	6.75	5.36	12.99	14.25	6x0.98	6x0.67	6xM16 3xM16	59.30	
7-921-169F	16"	11	15.75	1.42	0.18	2.95	9.25	7.59	12.99	14.25	6x0.98	6x0.67	6xM16 3xM16	54.45	
7-921-208F	20"	8	19.69	1.42	0.18	2.36	6.75	5.36	16.54	18.03	6x0.98	6x0.67	6xM16 3xM16	97.66	
7-921-209F	20"	11	19.69	1.42	0.18	2.95	9.25	7.59	16.54	18.03	6x0.98	6x0.67	6xM16 3xM16	92.81	
7-921-215F	20"	15	19.69	1.42	0.18	3.54	13.00	11.08	16.54	18.03	6x0.98	6x0.67	6xM16 3xM16	78.70	
7-921-258F	25"	8	24.80	1.65	0.24	2.36	6.75	5.36	21.46	23.07	6x0.98	6x0.67	6xM16 3xM16	186.95	
7-921-259F	25"	11	24.80	1.65	0.24	2.95	9.25	7.59	21.46	23.07	6x0.98	6x0.67	6xM16 3xM16	180.56	
7-921-265F	25"	15	24.80	1.65	0.24	3.54	13.00	11.08	21.46	23.07	6x0.98	6x0.67	6xM16 3xM16	163.14	
7-921-329F	32"	11	-	1.77	-	2.95	9.25	7.59	17.72	14.50	-	-	12xM24 3xM16	94.80	
7-921-335F	32"	15	-	1.77	-	3.54	13.00	11.08	14.96	13.00	-	-	6xM24 3xM16	51.37	
7-921-336F	32"	15	-	1.77	-	3.54	13.00	11.08	17.72	14.50	-	-	6xM24 3xM16	71.21	

W - Chuck diameter

**8240-X
TYPE D**



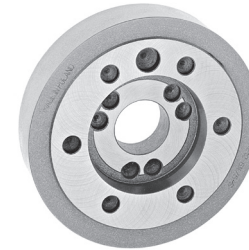
FULLY-FINISHED ADAPTER PLATES



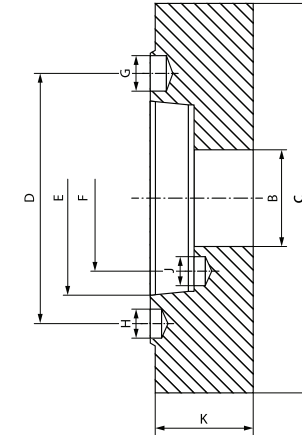
Code No.	W* [in]	Taper Size	A [in]	B [in]	B1 [in]	B2 [in]	D [in]	F [in]	G h6 [in]	K [in]	M [in]	N [in]	P [in]	S [in]	Weight [lbs]
7-878-054F	5"	4	4.92	1.02	0.14	1.27	3.25	2.36	3.74	4.25	3x0.53	3x0.33	6x5/16-18	-	3.53
7-878-063F	6"	3	6.30	1.06	0.14	1.21	2.78	2.02	4.92	5.51	3x0.53	3x0.33	6x3/8-16	-	6.83
7-878-064F	6"	4	6.30	1.06	0.14	1.27	3.25	2.36	4.92	5.51	3x0.53	3x0.33	6x3/8-16	-	6.39
7-878-065F	6"	5	6.30	1.18	0.14	1.50	4.13	3.13	4.92	5.51	3x0.53	3x0.33	6x3/8-16	-	6.61
7-878-083F	8"	3	7.87	1.06	0.14	1.21	2.78	2.02	6.30	6.93	6x0.65	6x0.41	6x3/8-16	-	11.02
7-878-084F	8"	4	7.87	1.06	0.14	1.29	3.25	2.36	6.30	6.93	6x0.65	6x0.41	6x3/8-16	-	10.80
7-878-085F	8"	5	7.87	1.18	0.14	1.50	4.13	3.13	6.30	6.93	6x0.65	6x0.41	6x3/8-16	-	10.58
7-878-086F	8"	6	7.87	1.44	0.14	1.74	5.25	4.06	6.30	6.93	6x0.65	6x0.41	6x3/8-16	-	13.01
7-878-105F	10"	5	9.84	1.18	0.18	1.50	4.13	3.13	7.87	8.82	6x0.75	6x0.51	6x1/2-13	-	18.96
7-878-106F	10"	6	9.84	1.44	0.18	1.74	5.25	4.06	7.87	8.82	6x0.75	6x0.51	6x1/2-13	-	19.18
7-878-108F	10"	8	9.84	1.54	0.18	2.00	6.75	5.36	7.87	8.82	6x0.75	6x0.51	6x1/2-13	-	20.72
7-878-126F	12"	6	12.40	1.54	0.18	1.74	5.25	4.06	10.24	11.26	6x0.98	6x0.67	6x5/8-11	-	38.36
7-878-128F	12"	8	12.40	1.54	0.18	2.00	6.75	5.36	10.24	11.26	6x0.98	6x0.67	6x5/8-11	-	35.05
7-878-129F	12"	11	12.40	1.85	0.18	2.39	9.25	7.59	10.24	11.26	6x0.98	6x0.67	6x5/8-11	-	35.94
7-878-168F	16"	8	15.75	1.54	0.18	2.00	6.75	5.36	12.99	14.25	6x0.98	6x0.67	6x5/8-11 3x5/8-16	60.41	60.41
7-878-169F	16"	11	15.75	1.85	0.18	2.39	9.25	7.59	12.99	14.25	6x0.98	6x0.67	6x5/8-11 3x5/8-16	60.41	60.41
7-878-208F	20"	8	19.69	1.54	0.18	2.00	6.75	5.36	16.54	18.03	6x0.98	6x0.67	6x5/8-11 3x5/8-16	100.09	100.09
7-878-209F	20"	11	19.69	1.85	0.18	2.39	9.25	7.59	16.54	18.03	6x0.98	6x0.67	6x5/8-11 3x5/8-16	98.11	98.11
7-878-259F	25"	11	24.80	1.85	0.24	2.39	9.25	7.59	21.46	23.07	6x0.98	6x0.67	6x5/8-11 3x5/8-16	164.24	164.24
7-878-265F	25"	15	24.80	1.97	0.24	2.74	13.00	11.08	21.46	23.07	6x0.98	6x0.67	6x5/8-11 3x5/8-16	154.98	154.98
7-878-329F	32"	11	-	1.85	-	2.39	9.25	7.59	17.72	14.50	-	-	12x1-8 3x5/8-16	82.23	82.23

W - Chuck diameter

**8212
TYPE A**



SEMI-MACHINED ADAPTER PLATES

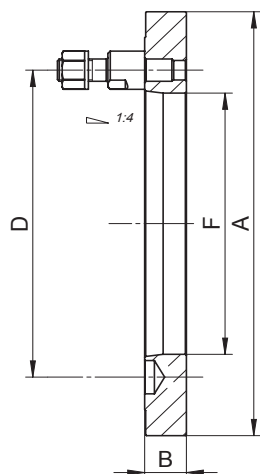


- Adapters for plain back self-centering and independent chuck
- Rough on the chuck side

Code No.	W* [in]	Taper Size	B [in]	C [in]	D [in]	E [in]	F [in]	G [in]	H [in]	J [in]	K [in]	Weight [lbs]
7-873-065	6"	5	1.50	6.38	4.13	3.25	2.44	0.64	0.47	0.47	1.38	10.52
7-873-085	8"	5	1.50	8.39	4.13	3.25	2.44	0.64	0.47	0.47	1.38	20.59
7-873-086	8"	6	2.13	8.39	5.25	4.19	3.25	0.77	0.53	0.53	1.52	20.00
7-873-106	10"	6	2.13	10.75	5.25	4.19	3.25	0.77	0.53	0.53	1.52	34.87
7-873-108	10"	8	3.15	10.75	6.75	5.50	4.37	0.95	0.67	0.67	1.79	38.35
7-873-126	12"	6	2.13	12.52	5.25	4.19	3.25	0.77	0.53	0.53	1.52	48.42
7-873-128	12"	8	3.15	12.52	6.75	5.50	4.37	0.95	0.67	0.67	1.79	54.43
7-873-129	12"	11	5.12	12.52	9.25	7.75	6.51	1.16	0.79	0.79	2.09	54.36
7-873-168	16"	8	3.15	15.94	6.75	5.50	4.37	0.95	0.67	0.67	1.79	92.47
7-873-169	16"	11	5.12	15.94	9.25	7.75	6.50	1.16	0.79	0.79	2.09	97.75
7-873-165	16"	15	8.11	15.94	13.00	11.25	9.75	1.41	0.91	0.91	2.40	89.10

W - Chuck diameter

SEMI-MACHINED ADAPTER PLATES

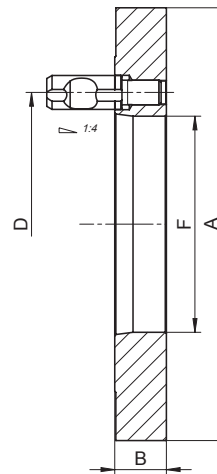
8232
TYPE C

- Adapters for plain back self-centering and independent chuck
- Rough on the chuck side

Code No.	W* [in]	Taper Size	A [in]	B [in]	F [in]	D [in]	Weight [lbs]
7-921-0430	4"	3	4.02	0.71	2.02	2.78	3.97
7-921-0530	5"	3	5.00	0.77	2.02	2.78	5.29
7-921-0540	5"	4	5.00	0.77	2.40	3.35	5.29
7-921-0630	6"	3	6.38	0.77	2.02	2.78	9.26
7-921-0640	6"	4	6.38	0.94	2.40	3.35	7.05
7-921-0650	6"	5	6.38	0.94	3.13	4.13	6.17
7-921-0660	6"	6	6.38	1.30	1.67	5.25	10.14
7-921-0840	8"	4	7.99	1.30	2.17	3.35	26.46
7-921-0850	8"	5	7.99	1.50	2.17	4.13	26.46
7-921-0860	8"	6	7.99	1.30	2.17	5.25	26.46
7-921-1050	10"	5	9.96	1.30	3.13	4.13	35.27
7-921-1060	10"	6	9.96	1.97	3.15	5.25	35.27
7-921-1080	10"	8	9.96	1.81	3.15	6.75	35.27
7-921-1250	12"	5	12.52	1.50	3.13	4.13	45.19
7-921-1260	12"	6	12.52	1.30	4.06	5.25	37.92
7-921-1280	12"	8	12.52	2.17	4.06	6.75	59.52
7-921-1290	12"	11	12.52	1.85	4.06	9.25	52.91
7-921-1680	16"	8	15.94	1.69	5.36	6.75	77.16
7-921-1690	16"	11	15.94	1.85	5.36	9.25	84.88
7-921-2080	20"	8	19.88	1.77	5.36	6.75	132.28
7-921-2090	20"	11	19.88	1.77	7.59	9.25	121.70
7-921-2580	25"	8	25.00	1.77	5.36	6.75	211.64
7-921-2590	25"	11	25.00	1.77	7.59	9.25	202.83
7-921-2650	25"	15	25.00	2.20	7.59	13.00	242.51
7-921-3290	32"	11	15.16	1.77	7.59	9.25	61.73
7-921-3450	32"	15	16.06	1.77	11.08	13.00	44.09
7-921-3350	32"	15	15.16	1.69	11.06	13.00	46.30
7-921-3490	32"	11	17.95	1.61	7.59	9.25	88.18
7-921-4150	40"	15	20.71	1.69	11.06	13.00	121.25
7-921-4020	40"; 49"	20	21.50	1.77	16.06	18.25	74.96
7-921-4950	40"; 49"	15	28.66	2.09	11.06	13.00	295.42
7-921-4920	49"	20	28.66	2.09	16.06	18.25	238.10

W - Chuck diameter

SEMI-MACHINED ADAPTER PLATES

8242
TYPE D

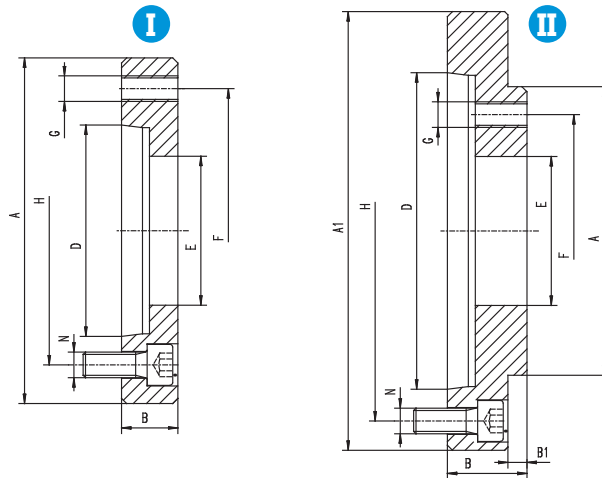
- Adapters for plain back self-centering and independent chuck
- Rough on the chuck side

Code No.	W* [in]	Taper Size	A [in]	B [in]	F [in]	D [in]	Weight [lbs]
7-878-0430	4"	3	4.02	1.10	2.02	2.78	3.97
7-878-0530	5"	3	5.00	1.97	1.02	2.78	5.29
7-878-0540	5"	4	5.00	1.18	1.02	3.25	5.29
7-878-0630	6"	3	6.38	1.97	1.02	2.78	9.26
7-878-0640	6"	4	6.38	2.17	1.02	3.25	9.26
7-878-0650	6"	5	6.38	1.38	1.02	4.13	9.26
7-878-0660	6"	6	6.38	1.93	1.02	5.25	9.92
7-878-0840	8"	4	7.99	1.73	2.40	3.25	18.08
7-878-0850	8"	5	7.99	1.97	2.17	4.13	23.81
7-878-0860	8"	6	7.99	1.57	2.17	5.25	20.94
7-878-1050	10"	5	9.96	1.93	3.13	4.13	36.16
7-878-1060	10"	6	9.96	1.93	3.15	5.25	35.27
7-878-1080	10"	8	9.96	1.93	3.15	6.75	35.27
7-878-1260	12"	6	12.52	2.76	4.06	5.25	79.37
7-878-1280	12"	8	12.52	2.17	4.06	6.75	61.73
7-878-1290	12"	11	12.52	2.17	4.06	9.25	52.91
7-878-1660	16"	6	15.94	2.76	4.06	5.25	132.28
7-878-1680	16"	8	15.94	2.76	5.36	6.75	114.64
7-878-1690	16"	11	15.94	1.97	5.36	9.25	92.59
7-878-2080	20"	8	19.88	1.81	5.36	6.75	123.46
7-878-2090	20"	11	19.88	2.83	7.59	9.25	176.37
7-878-2590	25"	11	25.00	2.83	7.59	9.25	304.24
7-878-2650	25"	15	25.00	2.36	7.59	13.00	253.53
7-878-3290	32"	11	15.16	1.97	7.59	9.25	68.34
7-878-3450	32"	15	16.06	2.17	11.08	13.00	58.42
7-878-3350	32"	15	15.16	2.01	11.06	13.00	51.81
7-878-3490	32"	11	17.95	1.77	7.59	9.25	101.41
7-878-4150	40"	15	20.71	2.01	11.06	13.00	127.87
7-878-4020	40"; 49"	20	21.50	2.13	16.06	18.25	79.37
7-878-4950	40"; 49"	15	28.66	2.09	11.06	13.00	297.62
7-878-4920	49"	20	28.66	2.13	16.06	18.25	244.71

W - Chuck diameter

8217-0
TYPE A

**FULLY-FINISHED ADAPTER PLATES FOR
4304, 4305, 4306, 4307**

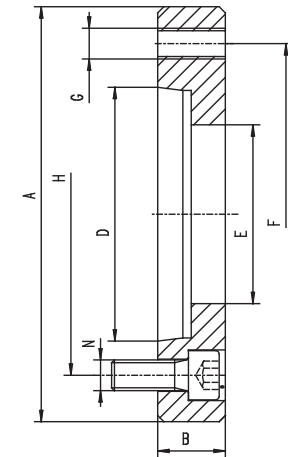


Code No.	W* [in]	Taper Size	Z*	A h6 [in]	A1 [in]	B [in]	B1 [in]	D [in]	E [in]	F [in]	G	H [in]	N	We- ight [lbs]
7-933-084	8"	4	I	4.33	-	1.10	-	2.50	1.97	3.25	M10	3.25	4xM10	3.31
7-933-085	8"	5	II	4.33	5.24	1.50	0.22	3.25	1.97	3.25	M10	4.13	6xM10	6.17
7-933-086	8"	6	II	4.33	6.50	1.26	0.22	4.19	1.97	3.25	M10	5.25	6xM12	7.72
7-933-105	10"	5	I	5.91	-	1.06	-	3.25	2.56	4.13	M12	4.13	8xM10	5.73
7-933-106	10"	6	II	5.91	6.50	1.57	0.30	4.19	2.56	4.13	M12	5.25	6xM12	9.70
7-933-108	10"	8	II	5.91	8.27	1.50	0.30	5.50	2.56	4.13	M12	6.75	6xM16	14.33
7-933-125	12"	5	I	6.89	-	1.18	-	3.25	3.11	5.25	M16	4.13	6xM10	9.26
7-933-126	12"	6	I	6.89	-	1.38	-	4.19	3.15	5.25	M16	5.25	8xM12	9.92
7-933-128	12"	8	II	6.89	8.27	2.05	0.30	5.50	3.15	5.25	M16	6.75	6xM16	20.94
7-933-129	12"	11	II	6.89	11.02	1.93	0.30	7.75	3.15	5.25	M16	9.25	6xM20	30.86
7-933-166	16"	6	I	7.87	-	1.18	-	4.19	4.06	6.75	M16	5.25	8xM12	11.24
7-933-168	16"	8	II	7.87	8.27	1.18	-	5.50	3.94	6.75	M16	6.75	6xM16	10.58
7-933-169	16"	11	II	7.87	11.02	1.77	0.41	7.75	3.94	6.75	M16	9.25	6xM20	27.78
7-933-175	16"	15	II	7.87	14.96	2.56	0.41	11.25	3.94	6.75	M16	13.00	6xM24	64.15
7-933-206	20"	6	I	10.63	-	1.18	-	4.19	4.06	9.25	M20	5.25	6xM12	23.81
7-933-208	20"	8	I	10.63	-	1.38	-	5.50	4.92	9.25	M20	6.75	6xM16	24.69
7-933-209	20"	11	II	10.63	11.02	1.57	0.49	7.75	4.92	9.25	M20	9.25	6xM20	25.35
7-933-215	20"	15	II	10.63	14.96	2.05	0.49	11.25	4.92	9.25	M20	13.00	6xM24	58.86
7-933-258	25"	8	I	10.63	-	1.26	-	5.50	5.35	9.25	M20	6.75	6xM16	22.27
7-933-259	25"	11	II	10.63	11.02	1.50	-	7.75	6.30	9.25	M20	9.25	6xM20	21.61
7-933-265	25"	15	II	10.63	14.96	2.15	0.49	11.25	6.30	9.25	M20	13.00	6xM24	59.08

W - Chuck diameter Z - adapter form

8217-1
TYPE A

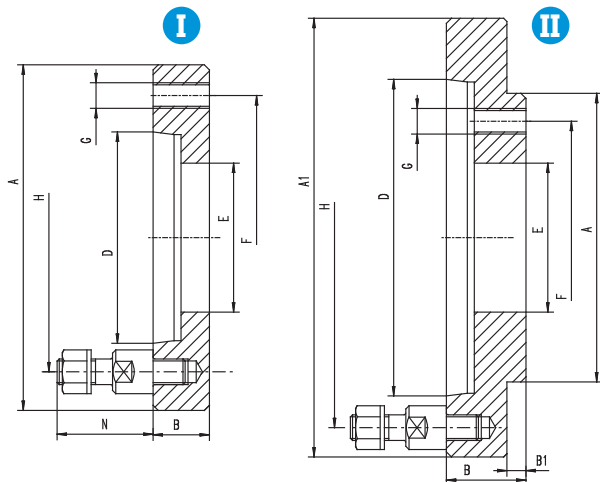
**FULLY-FINISHED ADAPTER PLATES FOR
4306, 4307
32**, 35**, 36**, 37**, 38****



Code No.	W* [in]	Taper Size	A h6 [in]	B [in]	D [in]	E [in]	F [in]	G	H [in]	N	We- ight [lbs]
7-933-328	32"	8	14.96	1.57	5.50	5.36	13.00	12xM24	6.75	6xM16	66,14
7-933-329	32"	11	14.96	1.57	7.75	7.59	13.00	12xM24	9.25	6xM20	52,91
7-933-345	32"	15	14.96	1.89	11.25	11.08	13.00	12xM24	13.00	6xM24	38,36
7-933-338	32"	8	17.72	1.57	5.50	5.36	14.50	12xM24	6.75	6xM16	92,59
7-933-339	32"	11	17.72	1.57	7.75	7.59	14.50	12xM24	9.25	6xM20	83,78
7-933-335	32"	15	17.72	1.89	11.25	11.08	14.50	12xM24	13.00	6xM24	74,96
7-933-409	40"; 49"	11	20.47	1.57	7.75	7.59	18.25	12xM24	9.25	8xM20	125,66
7-933-415	40"; 49"	15	20.47	1.57	11.25	11.08	18.25	12xM24	13.00	8xM24	116,84
7-933-420	40"; 49"	20	20.47	1.97	16.25	16.06	18.25	12xM24	18.25	8xM24	64,82
7-933-499	49"	11	28.35	1.97	7.75	7.59	25.50	12xM30	9.25	8xM20	291,01
7-933-505	49"	15	28.35	1.97	11.25	11.08	25.50	12xM30	13.00	8xM24	282,19
7-933-492	49"	20	28.35	1.97	16.25	16.06	25.50	12xM30	18.25	8xM24	224,87

W - Chuck diameter

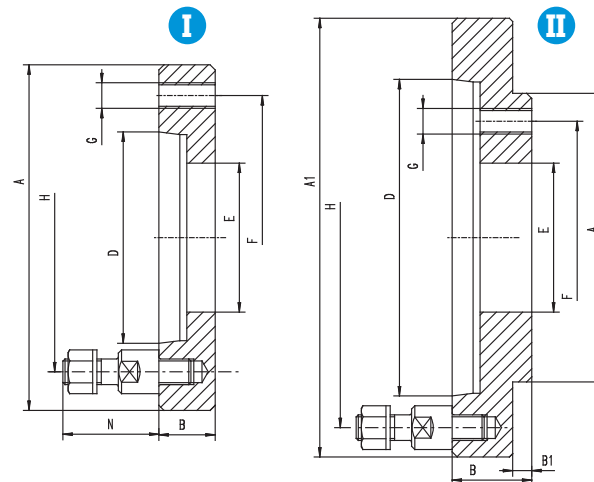
FULLY-FINISHED ADAPTER PLATES FOR 4304, 4305, 4306, 4307

8237-0
TYPE C


Code No.	W* [in]	Taper Size	Z*	A h6 [in]	A1 [in]	B [in]	B1 [in]	D [in]	E [in]	F [in]	G	H [in]	N [in]	No. of studs	We- ight [lbs]
7-931-084	8"	4	I	4.33	-	0.87	-	2.50	1.97	3.25	M10	3.35	1.54	3	3.09
7-931-085	8"	5	II	4.33	5.31	1.34	0.22	3.25	1.97	3.25	M10	4.13	1.69	4	6.17
7-931-086	8"	6	II	4.33	6.69	1.34	0.22	4.19	1.97	3.25	M10	5.25	1.97	4	9.70
7-931-105	10"	5	I	5.91	-	0.98	-	3.25	2.56	4.13	M12	4.13	1.69	4	6.17
7-931-106	10"	6	II	5.91	6.69	1.77	0.30	4.19	2.56	4.13	M12	5.25	1.97	4	13.67
7-931-108	10"	8	II	5.91	8.66	1.50	0.30	5.50	2.56	4.13	M12	6.75	2.36	4	18.08
7-931-125	12"	5	I	6.89	-	1.22	-	3.25	3.11	5.25	M16	4.13	1.69	4	10.14
7-931-126	12"	6	I	6.89	-	1.30	-	4.19	3.15	5.25	M16	5.25	1.97	4	10.14
7-931-128	12"	8	II	6.89	8.66	2.05	0.30	5.50	3.15	5.25	M16	6.75	2.36	4	25.79
7-931-129	12"	11	II	6.89	11.42	1.93	0.30	7.75	3.15	5.25	M16	9.25	2.95	6	35.71
7-931-166	16"	6	I	7.87	-	1.18	-	4.19	3.94	6.75	M16	5.25	1.97	4	12.35
7-931-168	16"	8	II	7.87	8.66	1.10	0.43	5.50	3.94	6.75	M16	6.75	2.36	4	11.24
7-931-169	16"	11	II	7.87	11.42	1.77	0.43	7.75	3.94	6.75	M16	9.25	2.95	6	36.16
7-931-175	16"	15	II	7.87	15.75	2.56	0.94	11.25	3.94	6.75	M16	13.00	3.54	6	81.35
7-931-206	20"	6	I	10.63	-	1.18	-	4.19	4.06	9.25	M20	5.25	1.97	4	24.91
7-931-208	20"	8	I	10.63	-	1.18	-	5.50	4.92	9.25	M20	6.75	2.36	4	22.49
7-931-209	20"	11	II	10.63	11.42	1.79	0.49	7.75	4.92	9.25	M20	9.25	2.95	6	30.86
7-931-215	20"	15	II	10.63	15.75	1.97	0.49	11.25	4.92	9.25	M20	13.00	3.54	6	63.49
7-931-258	25"	8	I	10.63	-	1.18	-	5.50	5.35	9.25	M20	6.75	2.36	4	22.71
7-931-259	25"	11	II	10.63	11.42	1.50	-	7.75	6.30	9.25	M20	9.25	2.95	6	26.46
7-931-265	25"	15	II	10.63	15.75	1.97	0.49	11.25	6.30	9.25	M20	13.00	3.54	6	69.23

W - Chuck diameter Z - adapter form

FULLY-FINISHED ADAPTER PLATES FOR 4306, 4307 32**, 35**, 36**, 37**, 38**

8237-1
TYPE C


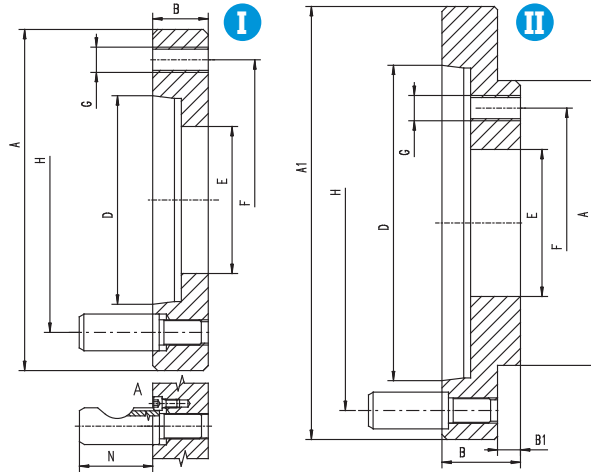
Code No.	W* [in]	Taper Size	Z*	A h6 [in]	A1 [in]	B [in]	B1 [in]	D [in]	E [in]	F [in]	G	H [in]	N [in]	No. of studs	We- ight [lbs]
7-931-328	32"	8	I	14.96	-	1.50	-	5.50	5.36	13.00	12xM24	6.75	2.36	4	66.14
7-931-329	32"	11	I	14.96	-	1.57	-	7.75	7.59	13.00	12xM24	9.25	2.95	6	55.78
7-931-335	32"	15	II	14.96	15.75	1.57	0.51	11.25	11.08	13.00	12xM24	13.00	3.54	6	44.97
7-931-338	32"	8	I	17.72	-	1.50	-	5.50	5.36	14.50	12xM24	6.75	2.36	4	95.90
7-931-339	32"	11	I	17.72	-	1.50	-	7.75	7.59	14.50	12xM24	9.25	2.95	6	84.66
7-931-345	32"	15	I	17.72	-	1.57	-	11.25	11.08	14.50	12xM24	13.00	3.54	6	71.21
7-931-409	40"; 49"	11	I	20.47	-	1.57	-	7.75	7.59	18.25	12xM24	9.25	2.95	6	120.15
7-931-415	40"; 49"	15	I	20.47	-	1.57	-	11.25	11.08	18.25	12xM24	13.00	3.54	6	106.48
7-931-420	40"; 49"	20	II	20.47	21.26	0.55	-	16.25	16.06	18.25	12xM24	18.25	3.94	6	70.99
7-931-499	49"	11	I	28.35	-	1.97	-	7.75	7.59	25.50	12xM30	9.25	2.95	6	304.24
7-931-505	49"	15	I	28.35	-	1.97	-	11.25	11.08	25.50	12xM30	13.00	3.54	6	291.01
7-931-492	49"	20	I	28.35	-	1.97	-	16.25	16.06	25.50	12xM30	18.25	3.94	6	234.79

W - Chuck diameter Z - adapter form

8247-0
TYPE D



FULLY-FINISHED ADAPTER PLATES FOR
4304, 4305, 4306, 4307



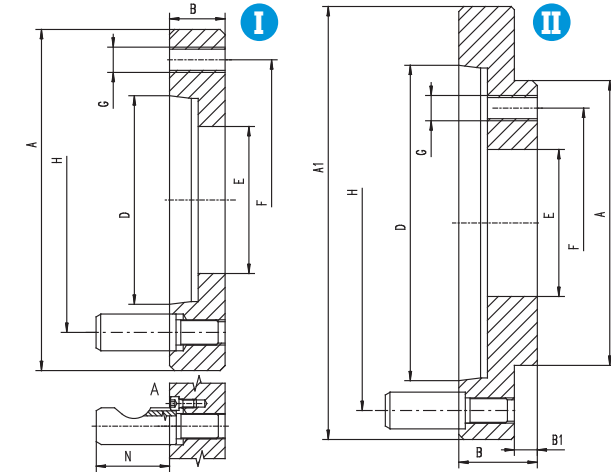
Code No.	W* [in]	Taper Size	Z*	A h6 [in]	A1 [in]	B [in]	B1 [in]	D [in]	E [in]	F [in]	G	H [in]	N [in]	No. of studs	We- ight [lbs]
7-938-084	8"	4	II	4.33	4.61	1.81	0.22	2.50	1.97	3.25	M10	3.25	1.27	3	6.83
7-938-085	8"	5	II	4.33	5.75	1.65	0.22	3.25	1.97	3.25	M10	4.13	1.50	6	9.92
7-938-086	8"	6	II	4.33	7.13	1.57	0.22	4.19	1.97	3.25	M10	5.25	1.74	6	14.33
7-938-105	10"	5	I	5.91	-	2.36	-	3.25	2.56	4.13	M12	4.13	1.50	6	14.77
7-938-106	10"	6	II	5.91	7.13	1.97	0.30	4.19	2.56	4.13	M12	5.25	1.74	6	17.64
7-938-108	10"	8	II	5.91	8.86	1.81	0.30	5.50	2.56	4.13	M12	6.75	2.00	6	24.25
7-938-125	12"	5	I	6.89	-	1.30	-	3.25	3.11	5.25	M16	4.13	1.50	6	3.97
7-938-126	12"	6	II	6.89	7.13	2.76	0.30	4.19	3.15	5.25	M16	5.25	1.74	6	24.69
7-938-128	12"	8	II	6.89	8.86	2.36	0.30	5.50	3.15	5.25	M16	6.75	2.00	6	32.41
7-938-129	12"	11	II	6.89	11.73	1.97	0.30	7.75	3.15	5.25	M16	9.25	2.39	6	42.77
7-938-166	16"	6	I	7.87	-	1.40	-	4.19	3.94	6.75	M16	5.25	1.74	6	8.16
7-938-168	16"	8	II	7.87	8.86	2.76	0.41	5.50	3.94	6.75	M16	6.75	2.00	6	36.38
7-938-169	16"	11	II	7.87	11.73	2.36	0.41	7.75	3.94	6.75	M16	9.25	2.39	6	52.47
7-938-175	16"	15	II	7.87	15.87	2.07	0.41	11.25	3.94	6.75	M16	13.00	2.74	6	18.52
7-938-206	20"	6	I	10.63	-	1.40	-	4.19	4.06	9.25	M20	5.25	1.74	6	29.76
7-938-208	20"	8	I	10.63	-	1.50	-	5.50	5.36	9.25	M20	6.75	2.00	6	28.66
7-938-209	20"	11	II	10.63	11.73	1.77	0.49	7.75	7.59	9.25	M20	9.25	2.39	6	31.53
7-938-215	20"	15	II	10.63	15.87	2.07	0.49	11.25	4.92	9.25	M20	13.00	2.74	6	34.83
7-938-258	25"	8	I	10.63	-	1.50	-	5.50	5.35	9.25	M20	6.75	2.00	6	34.83
7-938-259	25"	11	II	10.63	11.73	1.97	0.49	7.75	6.30	9.25	M20	9.25	2.39	6	87.08
7-938-265	25"	15	II	10.63	15.87	2.40	0.49	11.25	6.30	9.25	M20	13.00	2.74	6	86.20

W - Chuck diameter Z - adapter form

8247-1
TYPE D

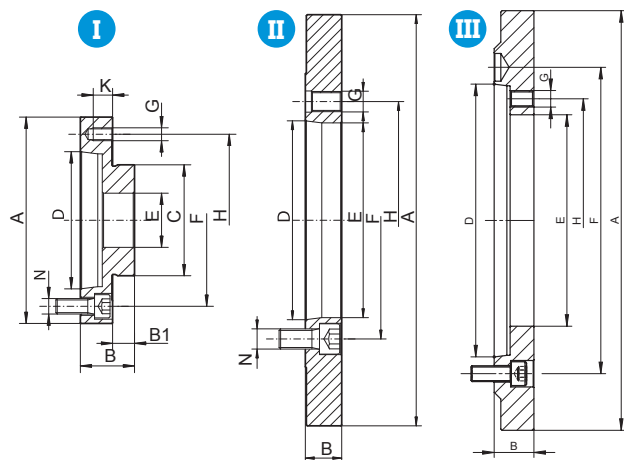


FULLY-FINISHED ADAPTER PLATES FOR
4306, 4307
32**, 35**, 36**, 37**, 38**



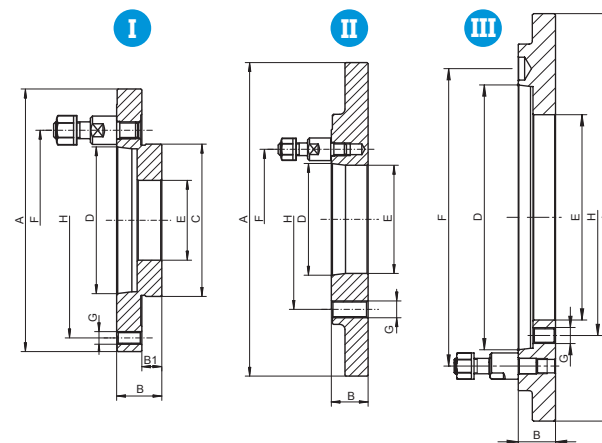
Code No.	W* [in]	Taper Size	Z*	A h6 [in]	A1 [in]	B [in]	B1 [in]	D [in]	E [in]	F [in]	G	H [in]	N [in]	No. of studs	We- ight [lbs]
7-938-328	32"	8	I	14.96	-	1.57	-	5.50	5.36	13.00	12xM24	6.75	2.00	6	67.24
7-938-329	32"	11	I	14.96	-	1.77	-	7.75	7.59	13.00	12xM24	9.25	2.39	6	58.20
7-938-335	32"	15	II	14.96	15.87	1.89	0.51	11.25	11.08	13.00	12xM24	13.00	2.74	6	48.94
7-938-338	32"	8	I	17.72	-	1.57	-	5.50	5.36	14.50	12xM24	6.75	2.00	6	108.03
7-938-339	32"	11	I	17.72	-	1.67	-	7.75	7.59	14.50	12xM24	9.25	2.39	6	94.80
7-938-345	32"	15	I	17.72	-	1.91	-	11.25	11.08	14.50	12xM24	13.00	2.74	6	81.57
7-938-409	40"; 49"	11	I	20.47	-	1.77	-	7.75	7.59	18.25	12xM24	9.25	2.39	6	130.29
7-938-415	40"; 49"	15	I	20.47	-	1.97	-	11.25	11.08	18.25	12xM24	13.00	2.74	6	124.78
7-938-420	40"; 49"	20	II	20.47	21.50	2.17	-	16.25	16.06	18.25	12xM24	18.25	3.25	6	92.81
7-938-499	49"	11	I	28.35	-	1.97	-	7.75	7.59	25.50	12xM30	9.25	2.39	6	313.06
7-938-505	49"	15	I	28.35	-	1.97	-	11.25	11.08	25.50	12xM30	13.00	2.74	6	288.36
7-938-492	49"	20	I	28.35	-	2.03	-	16.25	16.06	25.50	12xM30	18.25	3.25	6	245.37

W - Chuck diameter Z - adapter form

FULLY MACHINED ADAPTER PLATES
FOR SET-TRU CHUCKS8215
TYPE A

Code No.	W* [in]	Taper Size	Z*	A [in]	B [in]	B1 [in]	C [in]	D [in]	E [in]	F [in]	G	H [in]	K [in]	We- ight [lbs]
7-874-043	4"	3	I	3.94	1.57	0.47	1.77	2.13	0.79	2.78	M8	3.27	0.55	3.53
7-874-044	4"	4	I	4.13	1.57	0.47	1.77	2.50	0.79	3.25	M8	3.27	0.55	3.31
7-874-054	5"	4	I	4.92	1.42	0.55	2.17	2.50	1.38	3.25	M8	4.25	0.87	4.85
7-874-055	5"	5	I	4.92	1.42	0.55	2.17	3.25	1.38	4.13	M8	4.25	0.87	4.19
7-874-063	6"	3	I	6.30	1.77	0.63	3.39	2.13	1.65	2.78	M10	5.51	0.79	9.70
7-874-064	6"	4	I	6.30	1.77	0.63	3.39	2.50	1.65	3.25	M10	5.51	1.14	9.70
7-874-065	6"	5	I	6.30	1.46	0.63	3.39	3.25	1.65	4.13	M10	5.51	0.83	6.83
7-874-066	6"	6	I	6.30	1.65	0.63	3.39	4.19	1.65	5.25	M10	5.51	1.02	7.28
7-874-084	8"	4	I	7.87	1.30	0.67	4.33	2.50	2.17	3.25	M10	6.93	0.63	9.70
7-874-085	8"	5	I	7.87	1.30	0.67	4.33	3.25	2.17	4.13	M10	6.93	0.63	9.26
7-874-086	8"	6	I	7.87	1.77	0.67	4.33	4.19	2.17	5.25	M10	6.93	1.10	13.67
7-874-105	10"	5	I	9.84	1.50	0.75	5.71	3.25	2.99	4.13	M12	8.82	0.75	17.20
7-874-106	10"	6	I	9.84	1.50	0.75	5.71	4.19	2.99	5.25	M12	8.82	0.75	17.42
7-874-108	10"	8	I	9.84	1.81	0.75	5.71	5.50	2.99	6.75	M12	8.82	1.02	20.28
7-874-126	12"	6	I	12.40	1.50	0.75	7.09	4.19	4.06	5.25	M16	11.26	0.75	27.12
7-874-128	12"	8	I	12.40	1.81	0.75	7.09	5.50	4.06	6.75	M16	11.26	1.06	35.27
7-874-129	12"	11	I	12.40	2.17	0.75	7.09	7.75	4.06	9.25	M16	11.26	1.42	41.23
7-874-166	16"	6	II	11.75	1.38	-	11.75	4.19	5.35	5.25	M16	6.75	1.38	31.53
7-874-168	16"	8	II	11.75	1.46	-	11.75	5.50	5.35	6.75	M16	6.75	1.14	28.22
7-874-169	16"	11	II	11.75	1.89	-	11.75	7.75	5.35	9.25	M16	6.75	1.06	35.71
7-874-208	20"	8	II	16.02	1.42	-	16.02	5.50	5.35	6.75	M20	9.25	1.42	69.45
7-874-209	20"	11	II	16.02	1.42	-	16.02	7.75	7.59	9.25	M20	9.25	1.42	60.85
7-874-215	20"	15	II	16.02	2.05	-	16.02	11.25	7.48	13.00	M20	9.25	2.05	76.28
7-874-258	25"	8	II	16.02	1.42	-	16.02	5.50	5.35	6.75	M20	13.00	1.42	69.45
7-874-259	25"	11	II	16.02	1.42	-	16.02	7.75	7.59	9.25	M20	13.00	1.42	60.85
7-874-260	25"	15	II	16.02	2.05	-	16.02	11.25	9.92	13.00	M20	13.00	2.05	65.26
7-874-322	32"	11	II	25.00	1.57	-	25.00	7.75	7.59	9.25	M24	14.50	1.57	190.70
7-874-325	32"	15	II	25.00	1.81	-	25.00	11.25	11.06	13.00	M24	14.50	1.77	166.23
7-874-329	32"	20	III	25.00	2.36	-	25.00	16.25	12.60	18.25	M24	14.50	1.22	181.66
7-874-415	40"	15	II	25.00	1.77	-	25.00	11.25	11.06	13.00	M24	18.25	1.77	164.69
7-874-420	40"	20	II	25.00	1.77	-	25.00	16.25	16.06	18.25	M24	18.25	1.77	130.51
7-874-495	49"	15	II	28.35	1.97	-	28.35	11.25	11.06	13.00	M30	25.50	1.97	264.55
7-874-492	49"	20	II	28.35	1.97	-	28.35	16.25	16.06	18.25	M30	25.50	1.97	205.03

W - Chuck diameter Z - adapter form N - according to ASA B5.9-1960

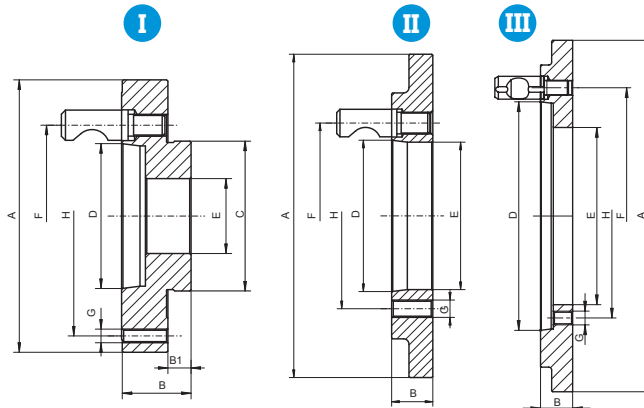
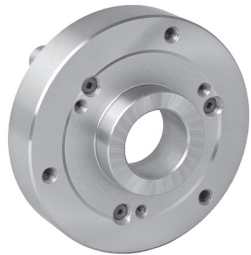
FULLY MACHINED ADAPTER PLATES
FOR SET-TRU CHUCKS8235
TYPE C

Code No.	W* [in]	Taper Size	Z*	A [in]	B [in]	B1 [in]	C [in]	D [in]	E [in]	F [in]	G	H [in]	We- ight [lbs]
7-920-043	4"	3	I	3.94	1.22	0.47	1.77	2.13	0.79	2.95	M8	3.27	2.87
7-920-044	4"	4	I	4.13	1.22	0.47	1.77	2.50	0.79	3.35	M8	3.27	2.65
7-920-053	5"	3	I	4.92	1.30	0.55	2.17	2.13	1.38	2.95	M8	4.25	3.97
7-920-054	5"	4	I	4.92	1.30	0.55	2.17	2.50	1.38	3.35	M8	4.25	3.75
7-920-055	5"	5	I	5.12	1.38	0.55	2.17	3.25	1.38	4.13	M8	4.25	3.97
7-920-063	6"	3	I	6.30	1.26	0.63	3.39	2.13	1.65	2.95	M10	5.51	6.17
7-920-064	6"	4	I	6.30	1.26	0.63	3.39	2.50	1.65	3.35	M10	5.51	6.17
7-920-065	6"	5	I	6.30	1.46	0.63	3.39	3.25	1.65	4.13	M10	5.51	6.61
7-920-084	8"	4	I	7.87	1.30	0.67	4.33	2.50	2.17	3.35	M10	6.93	8.82
7-920-085	8"	5	I	7.87	1.30	0.67	4.33	3.25	2.17	4.13	M10	6.93	9.70
7-920-086	8"	6	I	7.87	1.57	0.67	4.33	4.19	2.17	5.25	M10	6.93	11.68
7-920-105	10"	5	I	9.84	1.50	0.75	5.71	3.25	2.99	4.13	M12	8.82	18.52
7-920-106	10"	6	I	9.84	1.50	0.75	5.71	4.19	2.99	5.25	M12	8.82	17.42
7-920-108	10"	8	I	9.84	1.69	0.75	5.71	5.50	2.99	6.75	M12	8.82	22.71
7-920-126	12"	6	I	12.40	1.69	0.75	7.09	4.19	4.06	5.25	M16	11.26	28.44
7-920-128	12"	8	I	12.40	1.69	0.75	7.09	5.50	4.06	6.75	M16	11.26	33.07
7-920-129	12"	11	I	12.40	1.97	0.75	7.09	7.75	4.06	9.25	M16	11.26	39.46
7-920-166	16"	6	II	11.75	1.38	-	11.75	4.19	4.06	5.25	M16	6.75	28.22
7-920-168	16"	8	II	11.75	1.46	-	11.75	5.50	5.35	6.75	M16	6.75	33.07
7-920-169	16"	11	II	11.75	1.46	-	11.75	7.75	4.72	9.25	M16	6.75	37.48
7-920-208	20"	8	II	16.02	1.42	-	16.02	5.50	5.35	6.75	M20	9.25	69.45
7-920-209	20"	11	II	16.02	1.42	-	16.02	7.75	7.59	9.25	M20	9.25	65.26
7-920-215	20"	15	II	16.02	2.05	-	16.02	11.25	7.48	9.25	M20	9.25	85.98
7-920-258	25"	8	II	16.02	1.42	-	16.02	5.50	5.35	6.75	M20	13.00	69.45
7-920-259	25"	11	II	16.02	1.42	-	16.02	7.75	7.59	9.25	M20	13.00	65.26
7-920-265	25"	15	II	16.02	2.05	-	16.02	11.25	9.92	13.00	M20	13.00	74.96
7-920-329	32"	11	II	25.00	1.42	-	25.00	7.75	7.59	9.25	M24	14.50	163.58
7-920-335	32"	15	II	25.00	1.57	-	25.00	11.25	11.06	13.00	M24	14.50	163.14
7-920-322	32"	20	III	25.00	2.28	-	25.00	16.25	12.60	18.25	M24	14.50	176.59
7-920-415	40"	15	II	25.00	1.57	-	25.00	11.25	11.06	13.00	M24	18.25	163.58
7-920-420	40"	20	II	25.00	1.57	-	25.00	16.25	16.06	18.25	M24	18.25	121.25
7-920-495	49"	15	II	28.35	1.97	-	28.35	11.25	11.06	13.00	M30	25.50	264.55
7-920-492	49"	20	II	28.35	1.97	-	28.35	16.25	16.06	18.25	M30	25.50	218.26

W - Chuck diameter Z - adapter form

**8245
TYPE D**

**FULLY MACHINED ADAPTER PLATES
FOR SET-TRU CHUCKS**

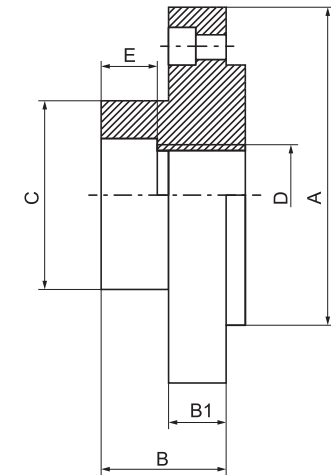
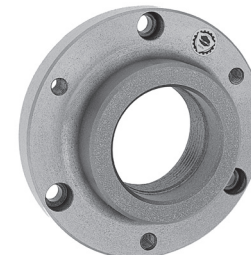


Code No.	W* [in]	Taper Size	Z*	A [in]	B [in]	B1 [in]	C [in]	D [in]	E [in]	F [in]	G	H [in]	Weight [lbs]
7-875-043	4"	3	I	3.94	1.50	0.47	1.77	2.13	0.79	2.78	M8	3.27	3.31
7-875-044	4"	4	I	4.25	1.57	0.47	1.77	2.50	0.79	3.25	M8	3.27	3.97
7-875-053	5"	3	I	4.92	1.57	0.55	2.17	2.13	1.38	2.78	M8	4.25	5.95
7-875-054	5"	4	I	4.92	1.54	0.55	2.17	2.50	1.38	3.25	M8	4.25	5.73
7-875-055	5"	5	I	5.31	1.73	0.55	2.17	3.25	1.38	4.13	M8	4.25	6.83
7-875-063	6"	3	I	6.30	1.81	0.63	3.39	2.13	1.65	2.78	M10	5.51	10.80
7-875-064	6"	4	I	6.30	1.81	0.63	3.39	2.50	1.65	3.25	M10	5.51	9.92
7-875-065	6"	5	I	6.30	1.81	0.63	3.39	3.25	1.65	4.13	M10	5.51	9.92
7-875-066	6"	6	I	6.69	2.01	0.63	3.39	4.19	1.65	5.25	M10	5.51	13.01
7-875-083	8"	3	I	7.87	1.30	0.67	4.33	2.13	2.02	2.78	M10	6.93	10.36
7-875-084	8"	4	I	7.87	1.30	0.67	4.33	2.50	2.17	3.25	M10	6.93	10.36
7-875-085	8"	5	I	7.87	1.85	0.67	4.33	3.25	2.17	4.13	M10	6.93	15.87
7-875-086	8"	6	I	7.87	2.01	0.67	4.33	4.19	2.17	5.25	M10	6.93	17.64
7-875-104	10"	4	I	9.84	1.50	0.75	5.71	2.50	2.38	3.25	M12	8.82	18.96
7-875-105	10"	5	I	9.84	1.50	0.75	5.71	3.25	2.99	4.13	M12	8.82	17.64
7-875-106	10"	6	I	9.84	2.09	0.75	5.71	4.19	2.99	5.25	M12	8.82	28.44
7-875-108	10"	8	I	9.84	2.36	0.75	5.71	5.50	2.99	6.75	M12	8.82	32.41
7-875-126	12"	6	I	12.40	1.50	0.75	7.09	4.19	4.06	5.25	M16	11.26	28.44
7-875-128	12"	8	I	12.40	2.24	0.75	7.09	5.50	4.06	6.75	M16	11.26	47.84
7-875-129	12"	11	I	12.40	2.52	0.75	7.09	7.75	4.06	9.25	M16	11.26	52.91
7-875-166	16"	6	II	11.75	1.38	-	7.20	4.19	4.06	5.25	M16	6.75	25.79
7-875-168	16"	8	II	11.75	1.50	-	8.94	5.50	5.36	6.75	M16	6.75	26.23
7-875-169	16"	11	II	11.75	1.89	-	11.69	7.75	5.35	9.25	M16	6.75	38.58
7-875-208	20"	8	II	16.02	1.50	-	16.02	5.50	5.35	6.75	M20	9.25	73.85
7-875-209	20"	11	II	16.02	1.73	-	16.02	7.75	7.59	9.25	M20	9.25	77.82
7-875-215	20"	15	II	16.02	2.05	-	16.02	11.25	7.48	13.00	M20	9.25	83.33
7-875-258	25"	8	II	16.02	1.50	-	16.02	5.50	5.35	6.75	M20	13.00	73.85
7-875-259	25"	11	II	16.02	1.73	-	16.02	7.75	7.59	9.25	M20	13.00	77.82
7-875-265	25"	15	II	16.02	2.05	-	16.02	11.25	9.92	13.00	M20	13.00	72.31
7-875-329	32"	11	II	25.00	1.73	-	25.00	7.75	7.59	9.25	12xM24	14.50	172.40
7-875-335	32"	15	II	25.00	1.91	-	25.00	11.25	11.06	13.00	12xM24	14.50	167.55
7-875-332	32"	20	III	25.00	2.28	-	25.00	16.25	12.60	18.25	12xM24	14.50	177.91
7-875-415	40"	15	II	25.00	1.91	-	25.00	11.25	11.06	13.00	12xM24	18.25	167.55
7-875-420	40"	20	II	25.00	2.05	-	25.00	16.25	16.06	18.25	12xM24	18.25	118.61
7-875-495	49"	15	II	28.35	2.05	-	28.35	11.25	11.06	13.00	12xM30	25.50	268.96
7-875-492	49"	20	II	28.35	2.05	-	28.35	16.25	16.06	18.25	12xM24	25.50	222.67

W - Chuck diameter Z - adapter form

8204

**FULLY MACHINED
THREADED ADAPTER PLATES**

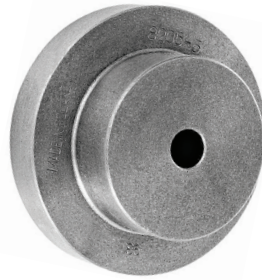
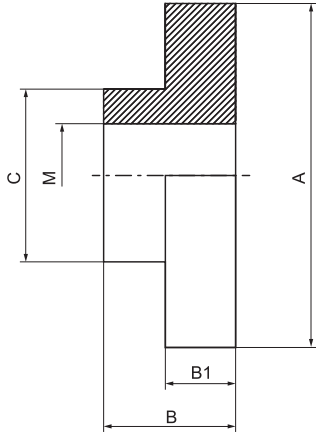


Code No.	W* [in]	Thread D	A [in]	B [in]	B1 [in]	C [in]	E [in]	Weight [lbs]
7-922-043	4"	1 - 10	3.94	1.50	0.55	1.97	0.50	5
7-922-045	4"	1-1/8 - 12W	3.94	1.50	0.55	1.97	0.56	5
7-922-046	4"	1-1/2 - 8	3.94	1.50	0.55	2.36	0.50	5
7-922-051	5"	M39 x 4	4.92	2.00	0.75	3.00	0.63	11
7-922-053	5"	2-3/16 - 10	4.92	1.61	0.69	3.11	0.63	11
7-922-063	6"	2-3/16 - 10	6.30	1.61	0.77	3.11	0.63	13

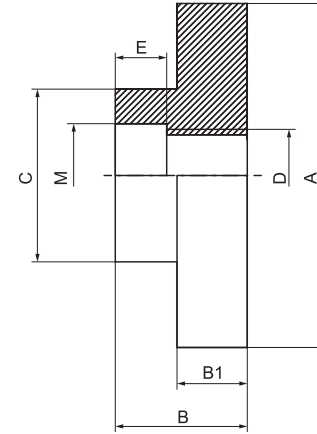
W - Chuck diameter

ROUGH FINISHED
THREADED ADAPTER PLATES

8205

SEMI-FINISHED
THREADED ADAPTER PLATES

8206



Code No.	W* [in]	A [in]	B [in]	B1 [in]	C [in]	M [in]	Weight [lbs]
7-870-105	3"	5.20	2.20	0.98	3.46	0.71	4.4
7-870-105	4"	5.20	2.20	0.98	3.46	0.71	4.4
7-870-105	5"	5.20	2.20	0.98	3.46	0.71	4.4
7-870-105	6"	6.69	2.20	0.98	3.46	0.98	12
7-870-108	8"	8.27	2.83	1.18	4.02	0.98	22
7-870-110	10"	10.24	3.54	1.26	4.53	1.57	34
7-870-112	12"	12.28	4.02	1.26	6.77	1.97	66
7-870-116	16"	16.34	4.92	2.17	9.06	2.76	154

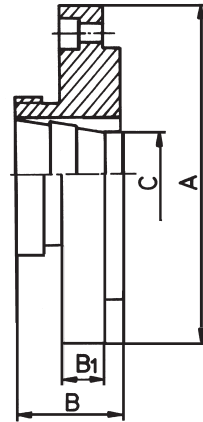
W - Chuck diameter

Code No.	W* [in]	Thread D	A [in]	B [in]	B1 [in]	C [in]	E [in]	M [in]	Weight [lbs]
7-871-041	4"	1 - 10	4.09	1.54	0.71	2.17	0.50	1.02	8
7-871-042	4"	1-1/2 - 8	4.09	1.54	0.71	2.68	0.50	1.52	8
7-871-051	5"	1 - 10	5.08	1.54	0.71	2.17	0.50	1.02	10
7-871-052	5"	1-1/2 - 8	5.08	1.54	0.71	2.68	0.50	1.52	10
7-871-062	6"	1-1/2 - 8	6.54	1.54	0.79	3.19	0.50	1.52	12
7-871-063	6"	2-1/4 - 8	6.54	1.79	0.79	3.19	0.63	2.26	12
7-871-082	8"	1-1/2 - 8	8.11	1.54	0.87	3.58	0.50	1.52	12
7-871-083	8"	2-1/4 - 8	8.11	1.79	0.87	3.58	0.63	2.26	13
7-871-084	8"	2-3/8 - 6	8.11	2.05	0.87	3.58	0.75	2.28	15
7-871-103	10"	2-1/4 - 8	10.08	1.79	0.98	4.17	0.63	2.26	22
7-871-104	10"	2-3/8 - 6	10.08	2.05	0.98	4.17	0.75	2.28	25
7-871-124	12"	2-3/8 - 6	12.64	2.05	1.10	4.33	0.75	2.28	33
7-871-125	12"	2-3/4 - 8	12.64	2.05	1.10	4.33	0.75	2.76	33

W - Chuck diameter

8250

**FULLY MACHINED
L TYPE ADAPTER PLATES**

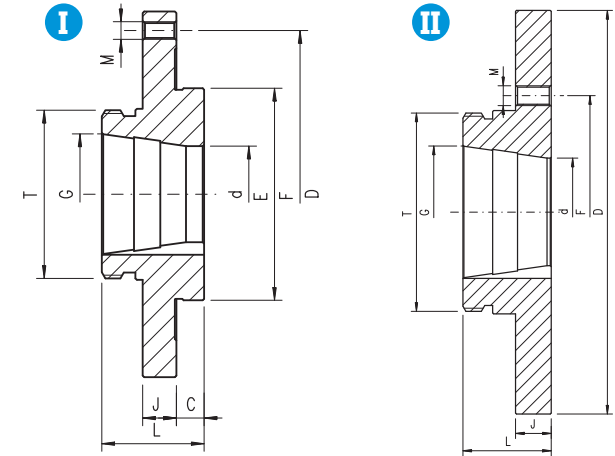
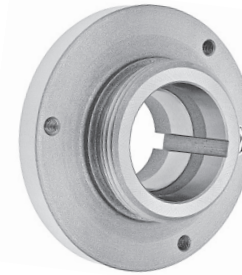


Code No.	W* [in]	Taper Size	Thread Dia	A [in]	B [in]	B1 [in]	C [in]	Weight [lbs]
7-879-051	5"	L00	3-3/4 - 6	4.92	2.13	0.71	2.20	10
7-879-061	6"	L00	3-3/4 - 6	6.34	2.13	0.71	2.20	13
7-879-062	6"	L0	4-1/2 - 6	6.34	2.52	0.71	2.60	13
7-879-081	8"	L00	3-3/4 - 6	7.91	2.13	0.71	2.20	22
7-879-082	8"	L0	4-1/2 - 6	7.91	2.52	0.71	2.60	22
7-879-083	8"	L1	6 - 6	7.91	2.99	0.71	3.35	22
7-879-101	10"	L00	3-3/4 - 6	9.88	2.13	0.83	2.20	33
7-879-102	10"	L0	4-1/2 - 6	9.88	2.52	0.83	2.60	33
7-879-103	10"	L1	6 - 6	9.88	2.99	0.83	3.35	33
7-879-104	10"	L2	7-3/4 - 5	9.88	3.50	0.83	4.29	33
7-879-122	12"	L0	4-1/2 - 6	12.44	2.52	1.10	2.60	39
7-879-123	12"	L1	6 - 6	12.44	2.91	1.10	3.35	57
7-879-124	12"	L2	7-3/4 - 5	12.44	3.50	1.10	4.29	57
7-879-162	15"	L0	4-1/2 - 6	15.83	2.52	1.10	2.60	95
7-879-163	15"	L1	6 - 6	15.83	2.99	1.10	3.35	95
7-879-164	15"	L2	7-3/4 - 5	15.83	3.50	1.10	4.29	95
7-879-165	15"	L3	10-3/8 - 4	15.83	4.02	1.10	5.43	95
7-879-204	20"	L2	7-3/4 - 5	19.76	3.50	1.14	4.29	159
7-879-205	20"	L3	10-3/8 - 4	19.76	4.02	1.14	5.43	159
7-879-254	25"	L2	7-3/4 - 5	24.80	3.78	1.38	4.29	397
7-879-255	25"	L3	10-3/8 - 4	24.80	4.02	1.38	5.43	397

W - Chuck diameter

8255

**FULLY MACHINED
L TYPE ADAPTER PLATES
FOR SET-TRU CHUCKS**

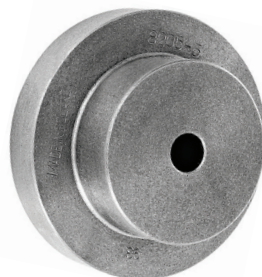
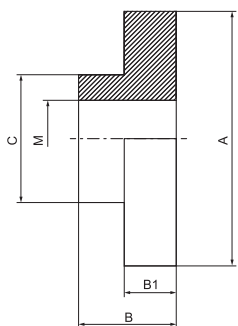


Code No.	W* [in]	Taper Size	Z*	Thread T-UN53	C [in]	D [in]	d [in]	E [in]	F [in]	G [in]	J [in]	L [in]	M	Weight [lbs]
7-879-9051	5"	L00	I	3-3/4 - 6	0.55	4.92	2.20	2.17	4.25	2.750	-	0.55	M10x1.5	7.5
7-879-9061	6"	L00	I	3-3/4 - 6	0.63	6.30	2.20	3.39	5.51	2.750	0.79	0.63	M10x1.5	9.0
7-879-6062	6"	L0	I	4-1/2 - 6	0.63	6.30	2.60	3.39	5.51	3.250	0.79	0.63	M10x1.5	9.5
7-879-6081	8"	L00	I	3-3/4 - 6	0.67	6.30	2.20	4.33	6.93	2.750	0.79	0.67	M10x1.5	15.0
7-879-9082	8"	L0	I	4-1/2 - 6	0.67	7.87	2.60	4.33	6.93	3.250	0.79	0.67	M10x1.5	15.4
7-879-9083	8"	L1	I	6 - 6	0.67	7.87	3.35	4.33	6.93	4.125	0.79	0.67	M10x1.5	16.5
7-879-9101	10"	L00	I	3-3/4 - 6	0.75	7.87	2.20	5.71	8.82	2.750	0.91	0.75	M12x1.75	25.0
7-879-9102	10"	L0	I	4-1/2 - 6	0.75	9.84	2.60	5.71	8.82	3.250	0.91	0.75	M12x1.75	26.1
7-879-9103	10"	L1	I	6 - 6	0.75	9.84	3.35	5.71	8.82	4.125	0.91	0.75	M12x1.75	37.0
7-879-9122	12"	L0	I	7-3/4 - 5	0.75	9.84	2.60	7.09	11.26	3.250	0.91	0.75	M16x2.0	37.0
7-879-9123	12"	L1	I	6 - 6	0.75	12.40	3.35	7.09	11.26	4.125	0.91	0.75	M16x2.0	37.0
7-879-9124	12"	L2	I	7-3/4 - 5	0.75	12.40	4.29	7.09	11.26	5.250	0.91	0.75	M16x2.0	38.8
7-879-9163	16"	L1	II	6 - 6	-	15.75	3.35	-	6.75	4.125	0.87	-	5/8 - 11	34.2
7-879-9164	16"	L2	II	7-3/4 - 5	-	15.75	4.29	-	6.75	5.250	0.87	-	5/8 - 11	45.4
7-879-9165	16"	L3	II	10-3/8 - 4	-	15.75	5.43	-	6.75	6.500	0.87	-	5/8 - 11	67.2
7-879-9264	20"	L2	II	7-3/4 - 5	-	19.69	4.29	-	9.25	5.250	1.18	-	3/4 - 10	60.2

W - Chuck diameter Z - adapter form

ROUGH FINISHED THREADED ADAPTER PLATES FOR INDEPENDENT CHUCKS

8262

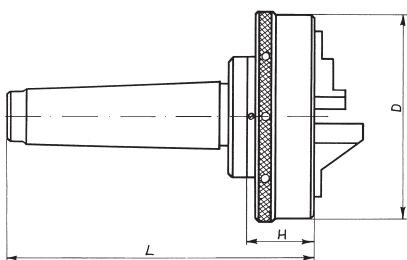


Code No.	W [in]	A [in]	B [in]	B1 [in]	C [in]	M [in]	Weight [lbs]
7-870-105	3"	5.12	2.56	1.38	3.74	1.18	11
7-870-105	4"	7.09	3.35	1.97	4.72	1.57	25
7-870-105	5"	8.66	3.74	2.36	5.51	2.17	49

W - Chuck diameter

FULLY MACHINED MORSE TAPER ADAPTER PLATES FOR QUICK CLAMPING CHUCKS

8283

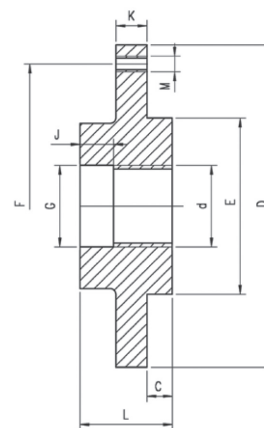


Code No.	D [in]	Morse Taper	L [in]	H [in]
7-913-403	4"	3	5.51	1.57
7-913-404	4"	4	6.42	1.57
7-913-503	5"	3	5.59	1.89
7-913-504	5"	4	6.50	1.89
7-913-605	6"	5	7.68	2.05

D - Chuck diameter

FULLY MACHINED THREADED ADAPTER PLATES FOR SET-TRU CHUCKS

8285

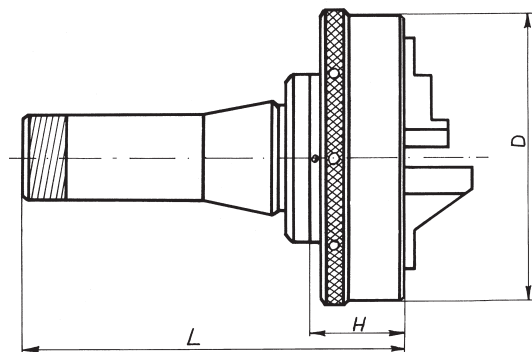
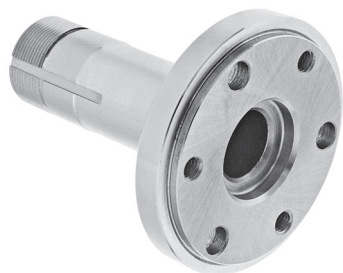


Code No.	D* [in]	Thread d	C [in]	E [in]	F [in]	G [in]	K [in]	L [in]	M	Number of Bolts	Weight [lbs]
7-876-042	4"	1-1/2 - 8 UN-2B	0.47	1.77	3.27	1.50	0.51	1.54	M8 x 1.25	3	5.29
7-876-052	5"	1-1/2 - 8 UN-2B	0.55	2.17	4.25	1.50	0.51	1.54	M8 x 1.25	3	6.61
7-876-054	5"	2-3/16 - 10 Hardinge	0.55	2.17	4.25	2.19	0.51	2.44	M10 x 1.5	3	7.05
7-876-056	5"	2-1/4 - 8 UN-2B	0.55	2.17	4.25	2.26	0.51	1.54	M10 x 1.5	3	6.80
7-876-062	6"	1-1/2 - 8 UN-2B	0.63	3.39	5.51	1.50	0.59	1.50	M10 x 1.5	3	7.05
7-876-064	6"	2-3/16 - 10 Hardinge	0.63	3.39	5.51	2.19	0.59	1.61	M10 x 1.5	3	7.50
7-876-066	6"	2-1/4 - 8 UN-2B	0.63	3.39	5.51	2.26	0.59	1.75	M10 x 1.5	3	7.94
7-876-082	8"	1-1/2 - 8 UN-2B	0.67	4.33	6.93	1.50	0.59	1.50	M10 x 1.5	3	9.92
7-876-083	8"	2-1/4 - 8 UN-2B	0.67	4.33	6.93	2.26	0.59	1.75	M10 x 1.5	3	11.46
7-876-084	8"	2-3/6 - 6 UN-2B	0.67	4.33	6.93	2.38	0.59	2.01	M10 x 1.5	3	13.89

D - Chuck diameter

8287

**FULLY MACHINED
5C ADAPTER PLATES
FOR QUICK CLAMPING CHUCKS**



Code No.	D [in]	L [in]	H [in]	Thru Hole Diameter [in]
7-910-604	3" 4"	5.43	1.57	0.87
7-910-605	5"	5.75	1.89	0.87
7-910-606	6"	5.83	2.05	0.87

D - Chuck diameter

8288

**FULLY MACHINED
5C ADAPTER PLATES
FOR SET-TUR CHUCKS**

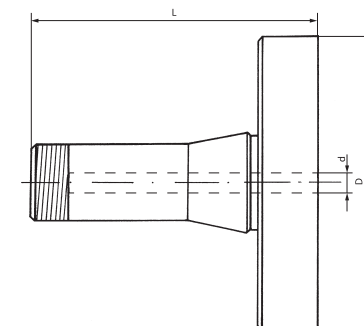


Code No.	W [in]
7-912-304	4"
7-912-305	5"
7-912-306	6"

W - Chuck diameter

8289

**SEMI-FINISHED
5C ADAPTER PLATES**

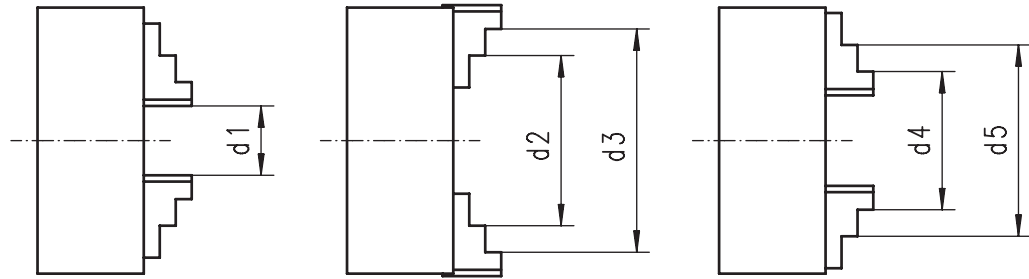


Code No.	D [in]	Shank	Hole diameter [in]	L [in]	Thread
7-909-304	3" 4"	5C	0.87	4.41	1-1/4 - 20
7-909-305	5" 6"	5C	0.87	4.41	1-1/4 - 20

D - Chuck diameter

CLAMPING RANGES

■ Do not exceed the maximum allowable clamping ranges!



32**, 35**, 36**, 37**

■ 3- and 4-jaw scroll chucks

Chuck size [in]	Hard solid jaws					Hard 2-piece jaws					Max. swing diameter
	d1	d2	d3	d4	d5	d1	d2	d3	d4	d5	
	[in]										
3"	0.08 - 1.06	0.98 - 1.97	1.89 - 2.8	0.87 - 1.81	1.77 - 2.72	-	-	-	-	-	3.54
4"	0.12 - 1.3	1.26 - 2.44	2.44 - 3.66	0.98 - 2.2	2.2 - 3.43	-	-	-	-	-	4.61
5"	0.12 - 1.97	1.54 - 3.27	3.15 - 4.92	1.34 - 2.91	2.83 - 4.53	0.12 - 1.97	2.05 - 3.78	3.74 - 4.92	1.34 - 2.99	2.95 - 4.65	5.94
6"	0.12 - 2.52	1.97 - 4.21	3.86 - 6.3	1.65 - 3.94	3.7 - 6.06	0.12 - 2.52	2.44 - 4.76	4.53 - 6.3	1.65 - 3.82	3.46 - 5.75	8.03
8"	0.16 - 3.54	2.36 - 5.71	5.12 - 7.87	2.05 - 5.31	4.72 - 7.95	0.16 - 3.54	2.83 - 6.14	5.24 - 7.87	1.97 - 5.12	4.13 - 7.48	9.69
10"	0.2 - 4.6	3 - 7.4	6.3 - 9.8	2.4 - 6.9	5.7 - 10.1	0.2 - 4.65	3.39 - 7.76	6.3 - 9.84	2.28 - 6.5	4.92 - 9.25	12.05
12"	0.4 - 5.2	3.5 - 8.5	7.5 - 12.4	3.1 - 7.9	6.8 - 11.8	0.39 - 5.16	4.06 - 8.9	7.48 - 12.4	2.56 - 7.17	5.7 - 10.4	15.12
16"	0.4 - 7.1	4.1 - 10.7	9.1 - 15.7	3.3 - 9.9	8.3 - 15	0.4 - 7.1	5 - 11.6	9.1 - 15.7	2.8 - 9	6.5 - 13	18.58
20"	0.8 - 9.3	5.5 - 14.1	10.9 - 19.7	4.7 - 13.2	9.6 - 18.7	0.8 - 9.3	4.3 - 15.7	7.5 - 19.7	4.7 - 16.1	7.9 - 19.1	23.62
25"	1.2 - 13.2	7.1 - 19.2	13.6 - 24.8	6.3 - 18.3	12.8 - 24.8	1.2 - 13.2	4.7 - 22.4	7.9 - 24.8	5.5 - 23.2	8.3 - 24.8	30.31
32"	5.9 - 19	11.9 - 25	18.4 - 31.5	11.1 - 24.2	17.6 - 30.7	5.9 - 19	9.4 - 28.5	12.4 - 31.5	9.9 - 29	12.9 - 31.5	37.01
40"	-	-	-	-	-	3.9 - 23.6	13.8 - 34.6	16.9 - 39.4	16.7 - 35.4	19.7 - 39.4	44.88
49"	-	-	-	-	-	18.9 - 39.4	23 - 42.9	29.1 - 49.2	22.8 - 42.1	29.5 - 49.2	54.72
55"	-	-	-	-	-	18.9 - 45.3	23 - 48.8	29.5 - 55.1	22.8 - 48	29.5 - 55.1	60.63
63"	-	-	-	-	-	18.9 - 52.4	23 - 55.9	29.5 - 63	22.8 - 55.1	29.5 - 63	68.50
71"	-	-	-	-	-	18.9 - 60.2	23 - 63.8	29.5 - 70.9	22.8 - 63	29.5 - 70.9	76.77
79"	-	-	-	-	-	18.9 - 67.9	23 - 71.5	29.5 - 78.7	22.8 - 70.9	29.5 - 78.7	84.65

3864, 3865

■ 6-jaw scroll chucks

Chuck size [in]	Hard solid jaws					Hard 2-piece jaws					Max. swing diameter
	d1	d2	d3	d4	d5	d1	d2	d3	d4	d5	
	[in]										
5"	0.24 - 1.69	1.65 - 3.07	3.27 - 4.72	1.34 - 2.68	2.91 - 4.33	0.24 - 1.69	1.97 - 3.43	3.7 - 4.92	1.3 - 2.76	2.99 - 4.69	5.94
6"	0.31 - 2.52	2.05 - 4.21	4.02 - 6.3	1.85 - 3.94	3.86 - 6.06	0.31 - 2.52	2.64 - 4.76	4.65 - 6.3	1.77 - 3.82	3.62 - 5.75	8.03
8"	0.31 - 3.54	2.52 - 5.71	5.2 - 7.87	2.17 - 5.31	4.76 - 7.95	0.31 - 3.54	2.91 - 6.14	5.28 - 7.87	2.05 - 5.12	4.29 - 7.48	9.69
10"	0.47 - 4.65	3.23 - 7.4	6.5 - 9.84	2.68 - 6.85	5.9 - 10.1	0.47 - 4.65	3.23 - 7.4	6.46 - 9.84	2.68 - 6.85	5.9 - 10.1	12.05
12"	0.47 - 5.16	3.74 - 8.46	7.56 - 12.4	3.23 - 7.87	7.0 - 11.77	0.47 - 5.16	4.25 - 8.9	6.02 - 12.4	2.68 - 7.17	5.9 - 10.4	15.12
16"	0.6 - 8	5.5 - 12.1	9.1 - 15.7	3.7 - 11	8.4 - 15.7	0.6 - 8	5.2 - 11.7	9.3 - 15.7	2.9 - 9.9	6.7 - 13.9	18.58
20"	1.2 - 9.3	6 - 14.2	11.5 - 19.7	5.2 - 13.2	10.6 - 18.7	1.2 - 9.3	4.8 - 15.8	7.8 - 18.8	5.3 - 16.3	8.3 - 19.3	23.62
25"	1.6 - 13.2	7.6 - 19.2	14.1 - 24.8	6.9 - 18.4	13.4 - 24.8	1.6 - 13.2	5.2 - 21.9	8.3 - 24.8	5.9 - 23	8.7 - 24.8	30.31
32"	-	-	-	-	-	7.1 - 19	11.4 - 25.4	16.5 - 31.5	11.2 - 25	17.3 - 31.5	37.01
40"	-	-	-	-	-	12.2 - 23.6	16.1 - 37.4	22.8 - 39.4	16.3 - 33.1	20.9 - 39.4	44.88
49"	-	-	-	-	-	18.9 - 39.4	23 - 42.9	29.1 - 49.2	22.8 - 42.1	30.3 - 49.2	54.72
55"	-	-	-	-	-	18.9 - 45.3	23 - 48.8	29.5 - 55.1	22.8 - 48	30.3 - 55.1	60.63
63"	-	-	-	-	-	18.9 - 52.4	23 - 55.9	29.5 - 63	22.8 - 55.1	30.3 - 63	68.50
71"	-	-	-	-	-	18.9 - 60.2	23 - 63.8	29.5 - 70.9	22.8 - 63	30.3 - 70.9	76.77
79"	-	-	-	-	-	18.9 - 67.9	23 - 71.5	29.5 - 78.7	22.8 - 70.9	30.3 - 78.7	84.65

43**

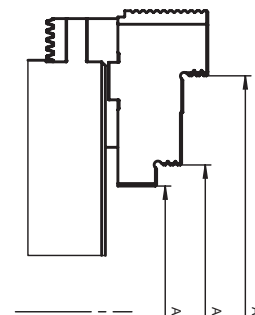
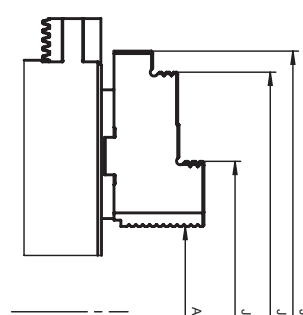
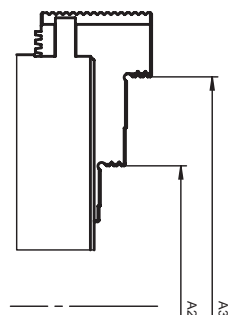
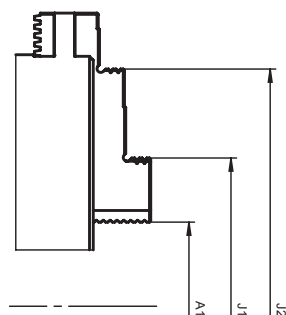
■ 4-jaw independent chucks

Chuck size [in]	d1 min.	d2 max.	Max. swing diameter
	[in]		
3-1/2"	0.12	3.35	3.98
4"	0.12	0.39	4.57
5"	0.31	4.92	5.91
6"	0.31	6.30	7.28
8"	0.39	7.87	9.25
10"	0.39	9.84	11.60
12"	0.59	12.40	14.50
13-2/3"	0.59	13.80	15.90
16"	0.79	15.70	18.30
20"	1.77	19.70	22.40
25"	1.97	24.80	28.30
32"	1.97	31.50	35.40
40"	6.69	39.40	42.90
49"	6.69	49.20	52.80
55"	18.50	55.10	59.60
63"	18.50	63.00	67.50
71"	18.50	70.90	75.60
79"	18.50	78.70	83.50

4505, 4605, 4705, 4805

■ 3- and 4-jaw combination chucks

Chuck size [in]	d1 min.	d2 max.	Max. swing diameter
	[in]		
8"	0.16	7.87	9.45
10"	0.20	9.84	11.80
12"	0.39	12.40	14.60
16"	0.59	15.70	18.50
20"	0.79	19.70	22.60
25"	1.18	24.80	28.50
32"	1.97	31.50	35.40
40"	6.89	39.40	43.30
49"	13.8	49.20	52.90
55"	13.8	55.10	59.80
63"	13.8	63.00	67.90
71"	13.8	70.90	75.80
79"	13.8	78.70	83.90

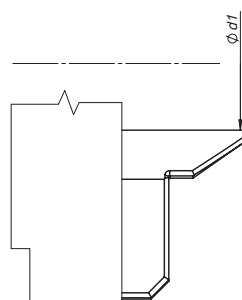


CLAMPING RANGES

34**

■ 3-jaw wedge bar chucks

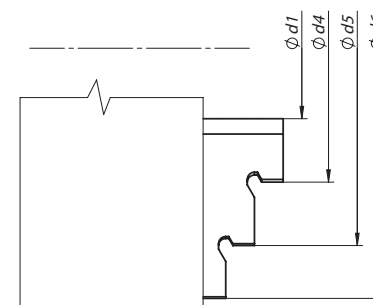
Chuck size [in]	Hard solid jaws					Hard 2-piece jaws						
	A1	J1	J2	A2	A3	A4	J3	J4	A5	A6	J5	A7
	[in]											
5"	0.16 - 1.14	1.1 - 2.09	3.94 - 4.92	1.5 - 2.48	3.94 - 4.92	0.39 - 0.98	1.5 - 3.15	4.21 - 4.92	1.06 - 2.44	3.54 - 4.92	2.83 - 4.33	2.36 - 3.74
6"	0.16 - 3.54	1.34 - 4.72	3.54 - 6.3	2.4 - 5.91	3.54 - 6.3	0.39 - 1.54	2.36 - 5.28	3.39 - 6.3	3.94 - 5.79	4.72 - 6.3	5.2 - 6.3	1.38 - 3.46
8"	0.2 - 4.13	1.93 - 5.87	3.94 - 7.87	2.76 - 6.69	3.94 - 7.87	0.39 - 1.97	2.76 - 7.24	4.06 - 7.87	3.94 - 6.85	4.72 - 7.87	5.98 - 7.87	1.77 - 4.88
10"	0.31 - 5.12	2.6 - 7.4	5.04 - 9.84	3.19 - 6.69	4.72 - 9.84	0.39 - 2.52	3.7 - 6.69	6.85 - 9.84	3.15 - 6.06	6.3 - 9.25	7.68 - 9.84	2.36 - 7.28
12"	0.39 - 6.1	2.91 - 7.87	5.59 - 12.4	3.74 - 7.44	5.98 - 12.4	0.94 - 3.46	4.25 - 8.27	8.43 - 12.4	3.94 - 8.46	5.71 - 12.4	9.29 - 12.4	3.15 - 7.68
16"	0.4 - 6.9	4.7 - 10.9	10.2 - 15.7	4.6 - 10.9	10.2 - 16.3	0.6 - 6.6	4.9 - 10.7	10.4 - 16.2	4.5 - 10.6	10.2 - 16.1	-	-
20"	2 - 10	6.2 - 14.1	11.4 - 19.7	6.5 - 14.2	12 - 19.7	2.5 - 10.1	6.5 - 14.2	12 - 19.8	6.5 - 14.2	12 - 19.7	-	-
25"	-	-	-	-	-	1 - 12.8	6.5 - 19.3	13.2 - 24.8	8.3 - 20.2	13.9 - 25.7	-	-
32"	-	-	-	-	-	6.7 - 16.1	13.2 - 22.6	18.7 - 28.1	14.5 - 26	20.1 - 31.5	-	-
40"	-	-	-	-	-	11.8 - 24.8	18.9 - 33.9	24.4 - 39.4	22.4 - 33.9	28.1 - 39.4	-	-
47"	-	-	-	-	-	18.9 - 35.2	25.4 - 41.7	30.9 - 47.2	30.3 - 41.7	35.8 - 47.2	-	-



3868

■ 3-jaw lever scroll chucks

Chuck size [in]	Ø d1 [in]
3868-3-1/3"	0.06 - 0.98



3286

■ 3-jaw scroll chucks

Chuck size [in]	Ø d1	Ø d2	Ø d3	Ø d4	Ø d5	Ø d6	Ø d7
	[in]						
3286-2"-M12x1	0.02 - 1.26	0.67 - 1.54	1.38 - 2.24	0.79 - 1.06	1.46 - 2.48	1.97 - 2.95	0.2 - 0.55
3286-2-1/3"-M16x1	0.02 - 1.38	0.79 - 1.65	1.5 - 2.36	0.79 - 2.05	1.46 - 2.76	2.4 - 3.35	0.2 - 0.79

MAXIMUM PERMISSIBLE ROTATION SPEEDS (RPM)

Admissible revolutions of the chuck depend on many factors, such as cutting parameters, weight of the workpiece and its balance or type of machining (interrupted or continuous turning) etc.

The max. speeds as indicated in the table below should not cause a decrease of the clamping force to the half of its initial value. When machining in the stable conditions (machining material, tools, working conditions), the clamping force may be reduced by up to 67% of its initial value.

This relates to the chuck equipped with standard jaws, that do not protrude beyond the outer diameter of the chuck and the unbalance condition of the 'chuck-machining workpiece' is maintained (not exceeding 20gmm/kg). The chuck and jaws must be in good condition. Otherwise, refer to the calculations as indicated in the PN-M-60650.

3105, 32**, 35**, 36**, 37**, 38**

■ 3-, 4- and 6-jaw scroll chucks

Chuck size [in]	Max. rpm			
	Steel body		Cast iron body	
	35**, 356*, 37**	38**, 386*	3105, 32**, 36**	38**
3"	7,000	-	5,000	-
4"	6,300	-	4,500	-
5"	5,500	3,800	4,000	-
6"	4,600	3,200	3,600	-
8"	4,000	2,800	3,000	2,000
10"	3,500	2,400	2,500	1,500
12"	2,800	1,900	2,000	1,200
16"	2,000	1,400	1,600	800
20"	1,300	900	1,000	600
25"	1,000	700	800	500
32"	800	560	600	400
40"	600	400	400	-
49"	500	350	300	-
55"	440	-	250	-
63"	380	-	220	-
71"	340	-	190	-
79"	300	-	170	-

43**

■ 4-jaw independent chucks

Chuck size [in]	Max. rpm	
	Steel body	Cast iron body
3"	7,640	-
3-1/2"	7,190	-
4"	6,120	-
5"	4,890	-
5-1/2"	4,370	-
6"	3,820	-
8"	3,060	1,800
10"	2,450	1,500
12"	1,940	1,200
16"	1,530	860
20"	1,220	690
25"	970	550
32"	760	430
36"	680	380
40"	610	340
49"	490	280
55"	440	250
63"	380	220
71"	340	190
79"	300	170

4505, 4605, 4705, 4805

■ 3- and 4-jaw combination chucks

Chuck size [in]	Max. rpm			
	4505	4605	4705	4805
8"	2,500	2,000	3,000	2,500
10"	2,000	1,800	2,500	2,000
12"	1,500	1,200	2,000	1,700
16"	1,000	800	1,500	1,300
20"	700	600	1,000	800
25"	540	480	750	660
32"	420	360	600	520
40"	280	240	380	330
49"	210	170	-	-

34**

■ 3-jaw wedge bar chucks

Chuck size [in]	Max. rpm
5"	6,000
6"	5,400
8"	4,600
10"	4,200
12"	3,300
16"	2,400
20"	1,500
25"	1,200
32"	960
36"	840
40"	720
49"	600

1

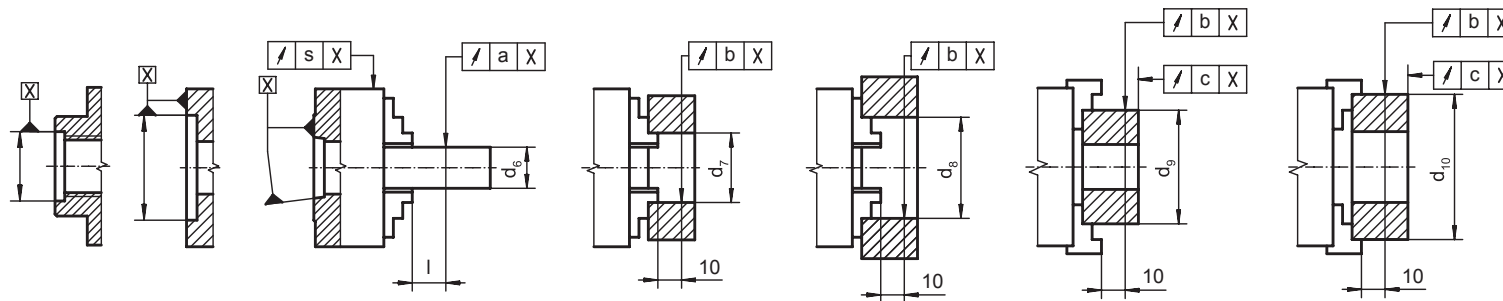
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3

4

5

6



CENTERING ACCURACY

32**, 35**, 36**, 37**, 38**

■ 3-, 4- and 6-jaw scroll chucks

Chuck size [in]	I	d ₆		d ₇	d ₈	d ₉	d ₁₀		Centering accuracy																
							Hard solid jaws	Hard 2-piece jaws	35** PREMIUM				35**, 37**, 38**				32**, 36**				3284, 3285				
									a	b	c	s	a	b	c	s	a	b	c	s	a	b	c	s	
[in]																									
3"	1.6	0.4	-	0.6	1.6	2.4	1.4	2.5	-	0.0004	0.0005	0.0003	0.0004	0.0008	0.0010	0.0006	0.0008	0.0012	0.0010	0.0006	0.0008	0.0020	0.0030	0.0016	0.0020
4"	1.6	0.4	0.5	0.7	1.6	3.0	2.0	3.2	-	0.0004	0.0005	0.0003	0.0004	0.0008	0.0010	0.0006	0.0008	0.0012	0.0010	0.0006	0.0008	0.0020	0.0030	0.0016	0.0020
5"	2.4	0.7	1.0	1.2	2.0	3.9	2.4	3.9	4.7	0.0006	0.0007	0.0004	0.0006	0.0012	0.0014	0.0008	0.0012	0.0012	0.0014	0.0008	0.0012	0.0020	0.0030	0.0016	0.0020
6"	2.4	0.7	1.2	1.6	2.0	5.3	3.5	3.9	5.9	0.0006	0.0007	0.0004	0.0006	0.0012	0.0014	0.0008	0.0012	0.0012	0.0014	0.0008	0.0012	0.0020	0.0030	0.0016	0.0020
8"	3.1	1.2	1.6	2.1	3.2	6.4	3.8	6.3	7.3	0.0008	0.0009	0.0005	0.0008	0.0016	0.0018	0.0010	0.0016	0.0016	0.0018	0.0010	0.0016	0.0020	0.0030	0.0016	0.0020
10"	3.1	1.2	2.1	3.0	3.2	7.9	5.9	6.3	8.9	0.0008	0.0009	0.0005	0.0008	0.0016	0.0018	0.0010	0.0016	0.0016	0.0018	0.0010	0.0016	0.0031	0.0030	0.0028	0.0031
12"	4.7	2.1	3.0	3.9	4.9	9.9	8.3	9.8	11.8	0.0010	0.0011	0.0006	0.0010	0.0020	0.0022	0.0012	0.0020	0.0020	0.0022	0.0012	0.0020	0.0031	0.0030	0.0028	0.0031
16"	4.7	2.1	3.9	4.9	4.9	11.1	9.8	9.8	13.8	0.0012	0.0013	0.0006	0.0012	0.0024	0.0026	0.0012	0.0024	0.0024	0.0026	0.0012	0.0024	-	-	-	-
20"	6.3	2.9	3.9	4.9	7.9	11.1	11.8	15.8	15.8	0.0020	0.0022	0.0012	0.0020	0.0039	0.0030	0.0020	0.0039	0.0039	0.0039	0.0020	0.0039	-	-	-	-
25"	6.3	2.9	4.9	6.3	7.9	12.8	15.8	15.8	15.8	0.0028	0.0030	0.0020	0.0028	0.0039	0.0039	0.0020	0.0039	0.0039	0.0039	0.0020	0.0039	-	-	-	-
32"	6.3	6.3	7.9	9.8	12.8	19.7	15.8	19.7	19.7	0.0039	0.0039	0.0020	0.0039	0.0059	0.0059	0.0024	0.0059	0.0059	0.0059	0.0024	0.0059	-	-	-	-
40"	6.3	9.8	12.4	15.8	19.7	24.8	19.7	-	24.8	0.0047	0.0047	0.0024	0.0047	0.0059	0.0059	0.0031	0.0059	0.0059	0.0059	0.0031	0.0059	-	-	-	-
49"	7.9	-	-	19.7	31.5	31.5	39.4	-	39.4	0.0047	0.0047	0.0024	0.0047	0.0059	0.0059	0.0031	0.0059	0.0059	0.0059	0.0031	0.0059	-	-	-	-
55"	7.9	-	-	19.7	31.5	31.5	39.4	-	39.4	0.0047	0.0047	0.0024	0.0047	0.0059	0.0059	0.0039	0.0059	0.0071	0.0071	0.0047	0.0071	-	-	-	-
63"	7.9	-	-	19.7	31.5	31.5	39.4	-	39.4	0.0059	0.0059	0.0031	0.0059	0.0071	0.0071	0.0047	0.0071	0.0079	0.0079	0.0063	0.0079	-	-	-	-
71"	7.9	-	-	19.7	31.5	31.5	39.4	-	39.4	0.0079	0.0079	0.0047	0.0079	0.0087	0.0087	0.0063	0.0087	0.0098	0.0098	0.0079	0.0098	-	-	-	-
79"	7.9	-	-	19.7	31.5	31.5	39.4	-	39.4	0.0079	0.0079	0.0047	0.0079	0.0087	0.0087	0.0063	0.0087	0.0098	0.0098	0.0079	0.0098	-	-	-	-

34**

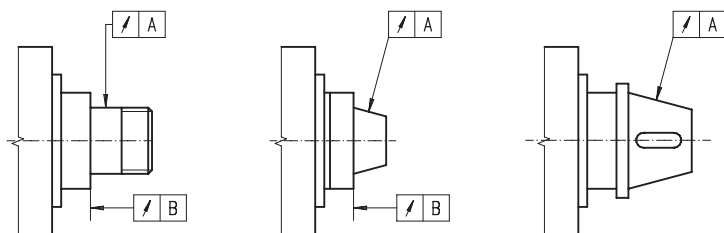
■ 3-jaw wedge bar chucks

Chuck size [in]	l	d ₆			d ₇	d ₈	d ₉	d ₁₀	Centering accuracy			
									a	b	c	s
	[in]											
5"	2.4	0.6	0.8	1.1	2.0	3.9	3.7	4.9	0.0006	0.0006	0.0004	0.0008
6"	2.4	0.6	0.8	1.5	2.0	5.3	3.9	6.3	0.0008	0.0006	0.0004	0.0008
8"	3.1	0.6	0.9	2.0	3.1	6.4	5.9	7.9	0.0008	0.0008	0.0004	0.0008
10"	3.1	0.6	1.3	2.5	3.1	7.9	7.1	9.8	0.0008	0.0008	0.0004	0.0008
12"	4.7	0.8	2.5	3.5	4.9	9.9	8.9	11.4	0.0010	0.0010	0.0004	0.0010
16"	4.7	2.1	3.9	4.9	4.9	11.1	9.8	11.8	0.0012	0.0012	0.0006	0.0012
20"	6.3	3.0	3.9	4.9	7.9	12.8	11.8	15.7	0.0020	0.0020	0.0012	0.0020
25"	6.3	3.0	4.9	6.3	7.9	15.7	15.7	15.7	0.0028	0.0028	0.0020	0.0028
32"	6.3	7.9	9.8	11.1	15.7	19.7	15.7	24.8	0.0039	0.0039	0.0020	0.0039
40"	6.3	12.8	15.7	19.7	19.7	24.8	24.8	31.5	0.0047	0.0047	0.0024	0.0047
47"	6.3	19.7	24.8	-	27.6	31.5	31.5	39.4	0.0063	0.0063	0.0031	0.0063

SPINDLE NOSE CENTERING ACCURACY

To obtain the specified centering accuracy of a chuck mounted on a machine tool it is necessary:

- 1) to ensure the machine spindle nose run-out does not exceed the values specified,
- 2) to meet the basic requirements for correct mounting of the chuck on the spindle nose, according to the operations manual.



A · B

35**

32**, 36**, 37**

Ø 3 - 16"	0.0001"	Ø 3 - 6"	0.0001"
Ø 20 - 25"	0.0002"	Ø 8 - 32"	0.0002"

BALANCE VALUE

35**, 37**

- 3- and 4-jaw scroll chucks - steel body

Chuck size [in]	lb-in
3"	0.0616
4"	0.0896
5"	0.1288
6"	0.1792
8"	0.2520
10"	0.3527
12"	0.5039
16"	0.7839
20"	1.6797
25"	3.5834

34**

- 3-jaw wedge bar chucks

Chuck size [in]	lb-in
5"	0.0896
6"	0.1792
8"	0.3527
10"	0.6999
12"	1.3998

TOTAL GRIPPING FORCE

- The gripping force is the total sum of all jaws acting radially on the stationary, nonrotating workpiece.
- The data refer to a chuck in good condition lubricated with grease as recommended in the chuck manual.

3105, 32**, 35**, 36**, 37**, 38**,
45**, 46**, 47**, 48**

- All scroll, independent and combination chucks

Chuck size [in]	Torque on wrench [lb/ft]	Total gripping force [lbf]
3"	26	2,250
4"	37	3,821
5"	56	5,395
6"	89	6,969 (5,395*)
8"	118	8,317 (6,519*)
10"	133	10,341 (8,093*)
12"	148	12,364 (9,891*)
16"	207	14,612 (11,015*)
20"	266	16,186
25"	340	17,984
32"	370	20,232
40"	370	25,853
49"	370	28,101
55"	370	28,101
63"	370	28,101
71"	370	28,101
79"	370	28,101

* For Type 3105 - 2-jaw scroll chucks

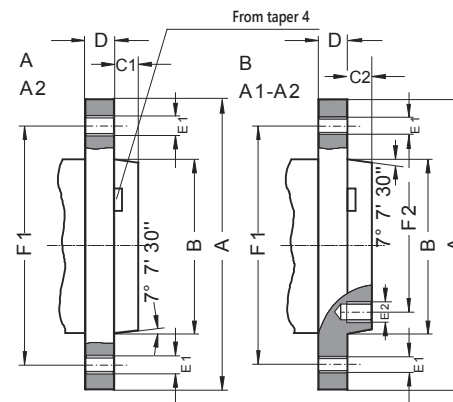
34**

- 3-jaw wedge bar chucks

Chuck size [in]	Torque on wrench [lb/ft]	Total gripping force [lbf]
5"	30	6,740
6"	74	13,490
8"	118	19,110
10"	148	24,730
12"	185	29,225
16"	207	44,960
20"	237	51,700
25"	259	56,200
32"	259	56,200
40"	259	56,200
47"	259	56,200

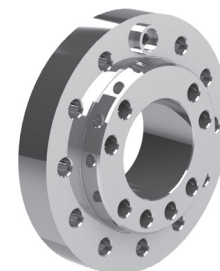
Spindle nose size	A [in]	B max. [in]	C1 [in]	C2 [in]	D [in]	E1 (DIN)	E1 (ISO)	E1 (UNC-3B)	F1 [in]	E2 (DIN)	E2 (ISO)	E2 (UNC-3B)	F2 [in]
3	3.62	2.13	0.43	-	0.6	3xM10	-	7/16-14	2.78	-	-	7/16-14	-
4	4.25	2.50	0.43	-	0.8	11xM10	-	7/16-14	3.25	-	-	7/16-14	-
5	5.24	3.25	0.51	0.56	0.9	11xM10	-	7/16-14	4.13	8xM10	-	7/16-14	2.44
6	6.50	4.19	0.55	0.63	1.0	11xM12	-	1/2-13	5.25	8xM12	-	1/2-13	3.25
8	8.27	5.50	0.63	0.69	1.1	11xM16	-	5/8-11	6.75	8xM16	-	5/8-11	4.37
11	11.02	7.75	0.71	0.75	1.4	11xM20	11xM18	3/4-10	9.25	8xM20	8xM18	3/4-10	6.50
15	14.96	11.25	0.75	0.81	1.7	12xM24	12xM22	7/8-9	13.00	11xM24	11xM22	7/8-9	9.75
20	20.47	16.25	0.83	0.88	1.9	12xM24	-	1-8	18.25	11xM24	-	1-8	14.50
28	28.54	23.00	0.94	1.00	2.2	12xM30	-	1 1/4-7	25.50	11xM30	-	1 1/4-7	20.87

Our chucks meet all of the requirements of ASA Standard B5.9-1960



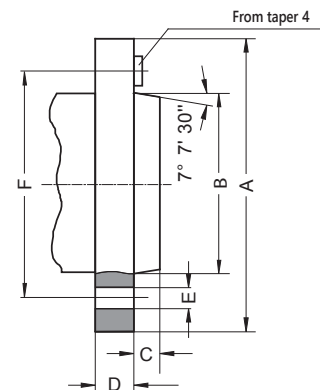
**DIN 55026 - TYPE A, TYPE B
ASA B5.9-1960 - TYPE A2, TYPE A1-A2**

- Type A: Tapped holes in flange (outer bolt circle) without inner bolt circle
- Type B: Tapped holes in flange (outer bolt circle) and in inner bolt circle
- Dimensions in brackets according to ISO 702/1

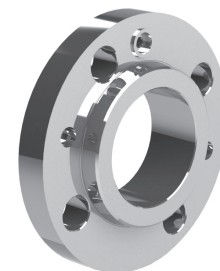


Spindle nose size	A [in]	B max. [in]	C [in]	D [in]	E [in]	F [in]
3	4.02	2.13	0.43	0.63	3 x 0.83	2.95
4	4.41	2.50	0.43	0.79	3 x 0.83	3.35
5	5.31	3.25	0.51	0.87	4 x 0.83	4.13
6	6.69	4.19	0.55	0.98	4 x 0.91	5.25
8	8.66	5.50	0.63	1.10	4 x 1.14	6.75
11	11.42	7.75	0.71	1.38	6 x 1.42	9.25
15	15.75	11.25	0.75	1.65	6 x 1.69	13.00
20	21.26	16.25	0.83	1.89	6 x 1.69	18.25

Our chucks meet all of the requirements of ASA Standard B5.9-1960

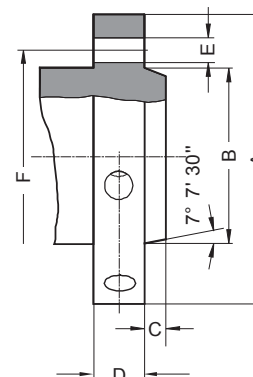


**DIN 55027, ISO 702/III - TYPE C
WITH BAYONET MOUNT RING**

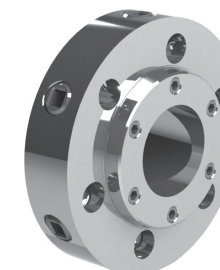


Spindle nose size	A [in]	B max. [in]	C [in]	D [in]	E	F [in]
3	3.62	2.13	0.43	1.26	3 x 0.59	2.78
4	4.61	2.50	0.43	1.34	3 x 0.66	3.25
5	5.75	3.25	0.51	1.50	6 x 0.78	4.13
6	7.13	4.19	0.55	1.77	6 x 0.91	5.25
8	8.86	5.50	0.63	1.97	6 x 1.03	6.75
11	11.73	7.75	0.71	2.36	6 x 1.22	9.25
15	15.87	11.25	0.75	2.76	6 x 1.41	13.00
20	21.50	16.25	0.83	3.23	6 x 1.66	18.25

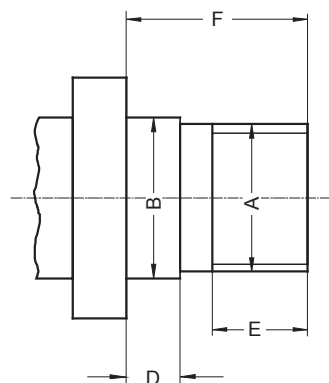
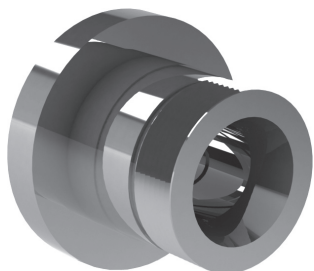
Our chucks meet all of the requirements of ASA Standard B5.9-1960



**DIN 55029, ISO 702/II - TYPE D
CAMLOCK**

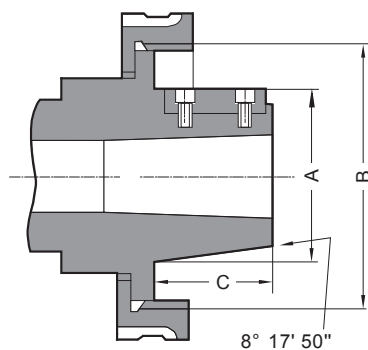
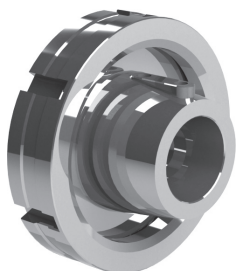


THREAD SPINDLE



Spindle nose size A	B [in]	D [in]	E [in]	F [in]
1" - 10" UN-2B	1.0150	1.5000	0.4375	1.0000
1 1/2" - 8" UN-2B	1.5150	1.5000	0.4375	1.0000
2 3/16" - 10" UN-2B	2.2025	1.7500	0.5625	1.1250
2 1/4" - 6" UN-2B	2.2600	1.7500	0.5625	1.1250
2 3/16" - 6" UN-2B	2.2025	1.7500	0.5626	1.1250
2 3/4" - 8" UN-2B	2.7600	2.0625	0.6875	1.3125

TYPE L - LONG TAPER 7:24



Spindle nose size	A [in]	B [in]	C [in]	Driving block
L00	2.750	3 3/4" - 6"	2	3/8 x 3/8 x 1 1/2
L0	3.250	4-1/2" - 6"	2-3/8	3/8 x 3/8 x 1 3/4
L1	4.125	6" - 6	2-7/8	5/8 x 5/8 x 2 3/8
L2	5.250	7-3/4" - 5"	3-3/8	3/4 x 3/4 x 2 7/8
L3	6.500	10-3/8" - 4"	3-7/8	1 x 1 x 3 1/4