



## 4-Jaw Combination Lathe Chucks Features, Benefits and Dimensions

### BISON-BIAL Plain Back Combination Chucks:

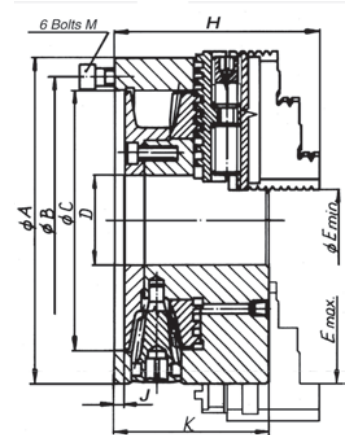
- Combine the advantages of a scroll chuck with those of an independent chuck
- Each jaw may be adjusted individually with an independent operating screw
- After the desired eccentric setting has been made, all jaws can then be opened and closed simultaneously with the use of a scroll and pinion
- The jaws are reversible and may be used as inside and outside jaws

### Standard Accessories:

- 1 Set of hard solid reversible jaws
- 1 Wrench
- 1 Set of mounting screws

### Optional Accessories

- Soft solid jaws



Chuck Dia A	B	C	D	E		H	J	K	Thread M
				min	max				
5"	4.2520	3.7402	1.2598	0.118	4.72	3.7402	.1575	2.9528	M8
6-1/4"	5.5118	4.9213	1.6535	0.118	6.30	4.0551	.1693	3.3071	M10
8"	6.9291	6.2992	2.1654	0.15	8	5.0000	.2165	3.7800	M10
10"	8.8190	7.8740	2.9921	0.20	10	5.3150	.2362	4.0157	M12
12-1/2"	11.2598	10.2362	4.0551	0.39	12-1/5	6.2402	.2362	4.6063	M16
15-3/4"	14.2520	12.9921	5.3543	0.59	15-3/4	7.1650	.2480	4.8400	
20"	18.0315	16.5354	7.4803	0.78	20	8.1100	.3150	5.7087	
25"	23.0709	21.4567	9.2130	1.18	25	9.1340	.3937	6.2992	

## 4-Jaw Combination Lathe Chucks with Semi-Steel and Steel Body

### Type 4605

Chuck Dia	Semi-Steel				
	Part Number		Hole Dia	RPM	Wt lbs
5"	7-848-0500		1.30	3200	12.8
6-1/4"	7-848-0600		1.65	3000	23.6
8"	7-848-0800		2.17	2000	41.4
10"	7-848-1000		2.99	1800	65
12-1/2"	7-848-1200		4.05	1500	120
15-3/4"	7-848-1600		5.35	1000	194
20"	7-848-2000		7.48	500	330
25"	7-848-2500		9.21	350	551



### Type 4805

Chuck Dia	Steel				
	Part Number		Hole Dia	RPM	Wt lbs
8"	7-849-0800		2.17	2500	43.0
10"	7-849-1000		2.99	2000	68.3
12-1/2"	7-849-1200		4.05	1700	124
16"	7-849-1600		5.35	1500	198
20"	7-849-2000		7.48	1000	342
25"	7-849-2500		9.92	750	573