



Independent Chucks

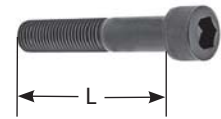
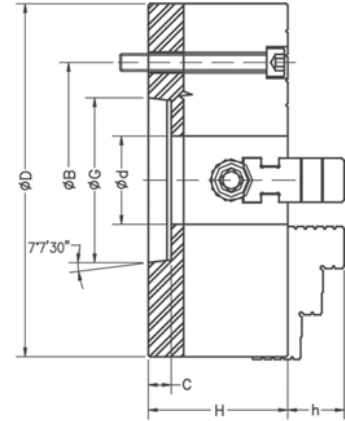
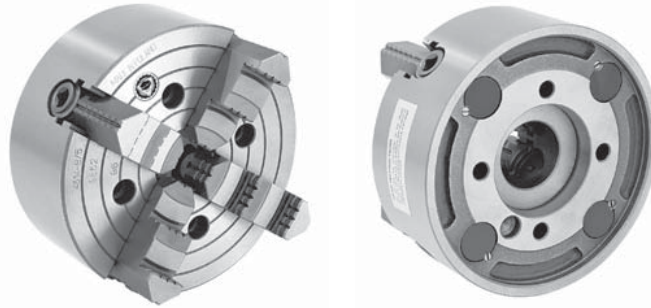
Industrial Solutions

4-Jaw Semi-Steel Body, Type A1/A2 Direct Mount with Hard Solid Jaws

- Type A1 spindle has a 2 bolt hole pattern, inside and outside the taper
Either an A1 or A2 chuck will fit
- Type A2 spindle has a 1 bolt pattern outside the taper
Only an A2 chuck will fit



A Type



Type 4314

Chuck Dia D	Taper Size	Part Number	Load Capacity lbs **	RPM max ***	Hole Dia d	d1*	B (A-2)	G	C	H	h	Wt lbs
8"	A2-5	7-851-0815	1320	1800	1.969	1.9685	4.1250	3.2503	.6299	3.1496	.7874	38
	A2-6	7-851-0816					5.2500	4.1878	.6693			
10"	A2-5	7-851-1025	2200	1500	2.559	2.9528	4.1250	3.2503	.6299	3.3465	1.5866	56
	A2-6	7-851-1016					5.2500	4.1878	.6693			
	A2-8	7-851-1018					6.7500	5.50055	.7480			
12-1/2"	A2-5	7-851-1215	3300	1200	3.150	3.1496	4.1250	3.2503	.6299	3.7402	1.5856	88
	A2-6	7-851-1226				3.7402	5.2500	4.1878	.6693			
	A2-8	7-851-1218				3.7402	6.7500	5.50055	.7480			
15-3/4"	A2-6	7-851-1626	6600	800	3.937	3.9370	5.2500	4.1878	.6693	4.1339	1.9606	143
	A2-8	7-851-1628				4.7244	6.7500	5.50055	.7480			
	A2-11	7-851-1619				4.7244	9.2520	7.75055	.8268			
20"	A2-11	7-851-2019	9900	500	4.921	6.1024	9.2520	7.75055	.8288	4.7244	1.9606	251
25"	A2-11	7-851-2519	14300	400	6.299	6.8898	9.2520	7.75055	.8268	5.5118	2.3543	364
32"	A2-11	7-851-3219	18700	300	6.299	7.0866	13.0000	7.75055	.8268	6.2992	2.7874	672
	A2-20	7-851-3220			12.60	13.78	18.2500	11.2505	.8661			

Spindle Mounting Bolts				
Part Number	Thread	L	Qty	
7-897-522	7/16 - 14	3-1/8	4	
7-897-533	1/2 - 13	3-1/4		
7-897-522	7/16 - 14	3-1/8	8	
7-897-533	1/2 - 13	3-1/4		
7-897-545	5/8 - 11	3-1/2		
7-897-523	7/16 - 14	3-1/2	4	
7-897-534	1/2 - 13			
7-897-545	5/8 - 11			
7-897-535	1/2 - 13	4	8	
7-897-547	5/8 - 11			
7-897-563	3/4 - 10	4-1/2	8	
7-897-564	3/4 - 10			
7-897-566	3/4 - 10	5-1/2	8	
7-897-574	7/8 - 9	6	8	
7-897-584	1 - 8			

* d1 is the maximum allowed through hole enlargement

** The maximum load capacity per one chuck is rated for plain back, type A1/A2 and type D1 chucks

***The maximum RPM was estimated for round and centered workpieces ONLY, machined in plain back and direct mount chucks

The maximum load capacity and maximum RPM have been calculated per the following conditions:

- Workpiece is supported by a live center
- Workpiece is gripped with two chucks

NOTE: BISON-BIAL does not recommend any chuck alterations