



PBA Pratt Burnerd 3-Jaw Power Chucks

Constant Grip High Speed Standard and King Bore Thru-Hole Power Chucks Sizes 6" Thru 24"

- ⌚ One Year Warranty
- ⌚ High RPM - up to 6000
- ⌚ Constant Grip, internally counter-balanced design that reduces grip loss from centrifugal force of the jaws at high RPM.
- ⌚ Easy Retrofit on most all existing NC and CNC lathes utilizing the same drawtube and actuating cylinder including Japanese types.
- ⌚ Accurate - repeatability of $\pm .0005"$
- ⌚ 3-Point Adjusting Feature in the chuck body permits indicating in to zero. Increase Soft Jaw Life by using adjustment feature. Reduce or eliminate re-boring of Soft Jaws.
- ⌚ Doubles as collet chuck as master jaws have keyed radius in front that accept standard W & S collet pads. Eliminate time wasted on switching over to collet chuck.
- ⌚ Quick conversion to an Expanding Mandrel, ref. page 30
- ⌚ Large Thru-Hole Capacity (can seal thru hole for VTL use... page 38 and 39)
- ⌚ Utilize existing top tooling by selecting style of master jaws from 1.5 x 60, 1.5 x 90, Am. Std. Acme, Am. Std Tongue & Groove and Square Serrations or substitute mono block jaws. Sets can be mixed styles.
- ⌚ Also available in 2-jaw style.
- ⌚ Chuck sizes available 6", 8", 10", 12", 15", 18", 20" and 24" diameters.

Chuck Size	Mount (D)Direct (I)Indirect	RPM	Model No. ①	Jaw Stroke	Sleeve Stroke	Thru Hole	Collet Pad Bar Capacity	Tooling Hole Size	Operating Force lbs/f	Grip Force lbs/f	Wt (lbs)
6.5"	A2-4(I)	6000	9151-217__	.140"	.630"	1.65"	1.5"	5/16" UNC	3,600	9,900	31
6.5"	A2-5(D)	6000	9151-317__	.140"	.630"	1.65"	1.5"	5/16" UNC	3,600	9,900	31
6.5"	A2-6(I)	6000	9151-417__	.140"	.630"	1.65"	1.5"	5/16" UNC	3,600	9,900	31
8.25"	A2-5(I)	5500	9151-321__	.140"	.630"	2.05"	2.0"	5/16" UNC	6,200	15,000	53
8.25"	A2-6(D)	5500	9151-421__	.140"	.630"	2.05"	2.0"	5/16" UNC	6,200	15,000	53
8.25"	A2-8(I)	5500	9151-521__	.140"	.630"	2.05"	2.0"	5/16" UNC	6,200	15,000	53
10.0"	A2-6(I)	5000	9151-426__	.160"	.730"	2.56"	2.5"	3/8" UNC	7,200	19,800	82
10.0"	A2-8(D)	5000	9151-526__	.160"	.730"	2.56"	2.5"	3/8" UNC	7,200	19,800	82
12.0"	A2-8(I)	4200	9151-531__	.160"	.730"	3.54"	3.0"	3/8" UNC	9,900	27,000	150
12.0"	A2-11(D)	4200	9151-631__	.160"	.730"	3.54"	3.0"	3/8" UNC	9,900	27,000	150
15.0"	A2-8(I)	3000	9151-538__	.200"	.790"	4.92"	4.5"	3/8" UNC	13,500	31,500	280
15.0"	A2-11(D)	3000	9151-638__	.200"	.790"	4.92"	4.5"	3/8" UNC	13,500	31,500	280
18.0"	A2-8(I)	2500	9151-546__	.236"	.984"	5.59"	5.5"	1/2" UNC	15,500	38,250	375
18.0"	A2-11(I)	2500	9151-646__	.236"	.984"	5.59"	5.5"	1/2" UNC	15,500	38,250	375
20.0"	A2-11(I)	2500	9151-650__	.236"	.984"	5.59"	5.5"	1/2" UNC	15,500	38,250	550
24.0"	A2-11(I)	1800	9151-660__	.315"	.984"	6.299"	6.25"	1/2" UNC	20,700	38,250	760
24.0"	A2-15(D)	1800	9151-760__	.315"	.984"	6.299"	6.25"	1/2" UNC	20,700	38,250	760
King Bore Chucks											
8.25"	A2-6(D)	5500	9161-421__	.140"	.630"	2.59"	2.5"	5/16" UNC	5,400	15,000	53
10.43"	A2-6(I)	5000	9161-426__	.160"	.730"	3.03"	3.0"	3/8" UNC	7,200	19,800	82
10.43"	A2-8(D)	5000	9161-526__	.160"	.730"	3.03"	3.0"	3/8" UNC	7,200	19,800	82

① Insert last two digits for Master Jaw type...Example 9151-21723...Indicates 1.5mm x 60°: Master Jaw Required
 Use 23 for 1.5mm x 60° Japanese type.** Use 07 for Am. Std Tongue & Groove. Use 10 for 1/16 X 90° Serrations.**
 Use 26 for Acme Serration. Use 27 for Square Serration.

NOTE: 18, 20" & 24" dia. chucks require separate collet pad master jaws: 18"-#8130-46696, 20"-#8130-50696 & 24"-#8130-61696.

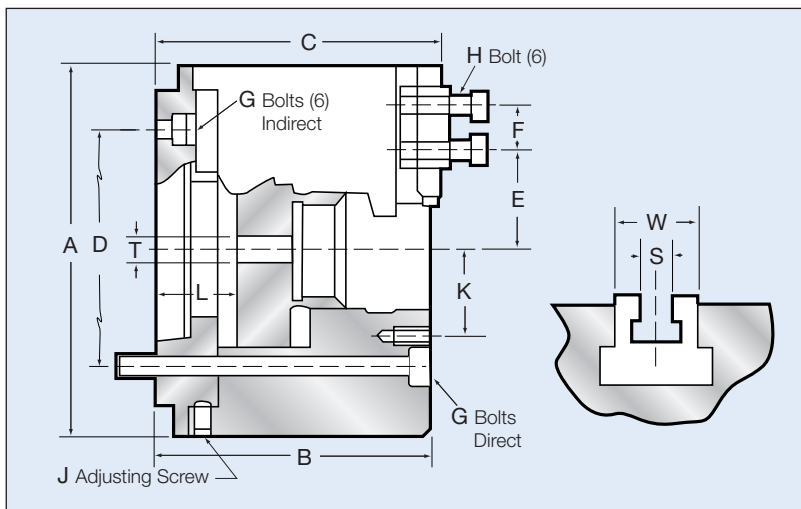
3mm on 20" and 24" dia. chucks *3/32 x 90° on 20" and 24" chucks

HOW TO ORDER: State quantity, Model Number of chuck, Machine make & Model, and shipping instructions.

Dimensional and Performance Data (in inch)

Chuck Size	A	B	C	D	F	E		G	H	J	K	L		S	W
						Max	Min					Min	Max		
6-A4	6.5	4.685	4.803	3.250	.787	2.126	1.339	M10x25(6)	M10x25	5/16 UNFx1/2	2.99	.94	1.57	.475	1.22
6-A5	6.5	4.842	4.960	4.125	.787	2.126	1.339	M10x130(3)	M10x25	5/16 UNFx1/2	2.99	1.10	1.73	.475	1.22
6-A6	6.5	5.078	5.196	5.250	.787	2.126	1.339	M12x30(6)	M10x25	5/16 UNFx1/2	2.99	1.50	2.13	.475	1.22
8-A5	8.25	5.119	5.275	4.125	1.000	2.637	1.733	M10x30(6)	M12x35	3/8 UNFx3/4	3.94	.98	1.61	.551	1.57
8-A6	8.25	5.354	5.510	5.250	1.000	2.637	1.733	M12x130(3)	M12x35	3/8 UNFx3/4	3.94	1.19	1.81	.551	1.57
8-A8	8.25	5.705	5.862	6.750	1.000	2.637	1.733	M16x30(6)	M12x35	3/8 UNFx3/4	3.94	2.02	2.65	.551	1.57
10-A6	10	5.511	5.669	5.250	1.181	3.268	2.087	M12x35(6)	M12x35	1/2 UNFx3/4	4.53	1.02	1.75	.630	1.57
10-A8	10	5.905	6.063	6.750	1.181	3.268	2.087	M16x150(3)	M12x35	1/2 UNFx3/4	4.53	1.41	2.15	.630	1.57
12-A8	12	6.614	6.771	6.750	1.181	4.291	2.362	M16x40(6)	M14x45	1/2 UNFx3/4	5.71	1.30	2.03	.710	1.81
12-A11	12	6.614	6.771	9.250	1.181	4.291	2.362	M20x160(3)	M14x45	1/2 UNFx3/4	5.71	1.30	2.03	.710	1.81
15-A8	15	6.929	7.086	6.750	1.693	5.000	3.228	M16x35(6)	M20x55	1/2 UNFx3/4	7.08/11.81	1.38	2.16	.866	2.36
15-A11	15	6.929	7.086	9.250	1.693	5.000	3.228	M20x180(6)	M20x55	1/2 UNFx3/4	7.08/11.81	1.38	2.36	.866	2.36
18-A8	18	7.720	7.780	6.750	1.693	6.772	4.527	M16x40(6)	M20x55	1/2 UNFx3/4	8.66/12.6	1.38	2.36	.984	2.36
18-A11	18	7.720	7.780	9.250	1.693	6.772	4.527	M20x35(6)	M20x55	1/2 UNFx3/4	8.66/12.6	1.38	2.36	.984	2.36
20-A11	19.7	7.362	7.499	9.250	2.362	8.090	5.059	M20x45(6)	M20x35	1/2 UNFx3/4	8.66/12.21	1.38	2.36	.984	2.36
24-A11	24	7.560	7.720	9.250	2.362	10.090	5.770	M20x45(6)	M20x35	1/2 UNFx3/4	***	1.57	2.56	.984	2.36
24-A15	24	7.560	7.720	13.000	2.362	10.090	5.770	7/8-9x3(6)	M20x35	1/2 UNFx3/4	***	1.57	2.56	.984	2.36

***9.45"/13"/16.53"/20.08"



(T) Draw Tube Thread Blank

1. Dimensions listed are with 1.5 x 60° master jaws. Some dimensions will vary using other Master Jaw types such as Acme, 1/16" x 90° or Am. Std. Tongue & Groove.
2. Chuck is at mid stroke with master jaws flush with the body O.D.
3. UNC mounting bolts available upon request.
4. Standard master jaw serration for 20 and 24 inch chucks are 3mm x 60°.