

Jacobs Ball Bearing Key Type Super Chucks

Extra accuracy, extra gripping power, for extra heavy duty work.

The ball bearing super chuck is especially designed for EXTRA HEAVY DUTY drilling applications on production drilling machines, jig borers, milling machines, lathes and radials. The ideal choice for those jobs that require close tolerance drilling. The ball thrust bearing reduces friction in the chuck's closing mechanism, so the operator can apply more gripping power on the twist drill shank.

Chuck Model	Capacity			Taper Mount	Uses Key	Weight		Length				Diameter		Code No.	Price \$
	Inch	mm	lbs			Gr.	Closed		Open		Inch	mm			
							Inch	mm	Inch	mm					
8-1/2N	0-1/4	0-6.4	JT2S & JT2	K30	0.6	255	2-13/32	61	1-7/8	48	1-9/16	40	610050	351.28	
11N	0-3/8	0-10	JT2	K32	1.2	510	2-7/8	73	2-1/4	57	1-15/16	49	610051	376.55	
14N	0-1/2	0-13	JT3	K3	2.4	1077	3-7/8	98	2-31/32	75	2-7/16	62	610052	526.27	
16N	1/8 - 5/8	3-16	JT3	K4	2.9	1332	4-5/16	110	3-1/4	83	2-5/8	67	610053	604.14	
18N	1/8 - 3/4	3-19	JT4	K4	4.2	1928	5-1/8	130	3-31/32	101	3-1/64	76	610054	908.45	
20N	3/8-1	10-25	JT5	K5	7.0	3175	5-1/2	140	4-1/4	108	3-21/32	93	610055	1,223.42	



Jacobs Arbors & Adapters

Always specify Jacobs arbors to serve the finest performance from Jacobs drill and tap chucks. They are precision ground to our master gauges and guarantee the finest possible accuracy and fit.

When Ordering Arbors

Any of the following is correct; Show style and size of the mounting shank and the model number of the Jacobs chuck to which the arbor will be fitted.

Example: A #2 Morse taper shank arbor for #34 Jacobs chuck.

Show the style and size of the mounting shank plus the actual Jacobs taper desired.

Example: A #2 Morse taper shank with a #3 Jacobs taper.

Simply use the part number price in the standard arbor charts shown below.

Example: One #610153 Jacobs chuck arbor



Bridgeport to Jacobs Taper



Morse Taper to Jacobs Taper



Straight Shank to Jacobs Taper

Taper Shank Arbors

Taper Shank	0	Price \$	1	Price \$	2	Price \$	3	Price \$	4	Price \$	5	Price \$	6	Price \$	33	Price \$
M.T. 1	-	-	610144	53.70	610145	61.68	-	-	-	-	-	-	610148	69.11	-	-
M.T. 2	-	-	610151	61.16	610152	49.53	610153	46.68	610154	62.52	-	-	610156	63.92	610157	49.53
M.T. 3	-	-	-	-	-	-	610160	63.13	610161	76.91	610162	90.69	610163	66.52	610164	67.01
M.T. 4	-	-	-	-	610165	116.58	610166	99.27	610167	102.45	610168	143.23	610169	104.37	-	-
M.T. 5	-	-	-	-	-	-	610172	221.30	610173	210.48	610174	207.83	-	-	-	-
R-8 (Bridgeport)	-	-	-	-	610184	266.56	610185	256.31	-	-	-	-	610187	266.56	610188	256.29

Straight Shank Arbors

Inches	0	Price \$	1	Price \$	2	Price \$	3	Price \$	4	Price \$	5	Price \$	6	Price \$	33	Price \$
1/2	610189	48.48	610190	48.64	610191	48.64	610192	48.64	-	-	-	-	610194	63.02	610195	50.57
5/8	-	-	-	-	610197	59.81	610198	82.54	-	-	-	-	610200	64.29	610201	57.24
3/4	-	-	-	-	610202	85.84	610203	75.40	-	-	-	-	610205	88.66	610206	93.36
1	-	-	-	-	-	-	610208	89.81	-	-	-	-	-	-	-	-

Threaded Shank Arbors

- Precision machined and ground to master gauges for maximum performance
- Ideal for use with custom tool and work holder designs and for specialized machining applications



Morse Taper	Thread	Code No.	Price \$
MT2	3/8 - 24	610221	179.37
MT2	1/2 - 20	610222	179.37
MT2	5/8 - 16	610223	173.04



Keys For Plain Bearing & Ball Bearing Chucks

- Nickel thumb grip
- The potential for fracturing under excessive load is limited due to soft steel handles



	Key No.	Code No.	Price \$
Plain Bearing	K0M	610118	27.22
	K1	610119	7.78
	K1M	610120	43.08
	K2	610121	13.64
	K3	610122	16.14
	S-K3C	610123	31.89
Ball Bearing	K7	610124	11.56
	K30	610126	10.70
	K32	610127	11.26
	K4	610129	19.14
	K5	610130	53.12
	KG1	610131	7.12
	KK	610132	9.84

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