

Jacobs® Chucks

CHUCK

Jacobs® chucks, high precision tool holders, arbors, and related accessories have made Jacobs the leading brand of precision tool holding and work holding devices in the world. For more than 100 years, superior grip and accuracy have made Jacobs the industry leader, with Jacobs technology applied to everything from sophisticated CNC machining centers to cordless portable drills. Our commitment to excellence and innovation and continued investment in research and development provide us with the ability to maintain this leadership position.

HAND-TITE® KEYLESS CHUCKS



**HAND-TITE®
KEYLESS CHUCKS**

Split Bite Jaw increases grip over standard bite chucks by providing more contact with the bit

Precision Operation meets or exceeds stringent DIN run-out and dimensional specifications

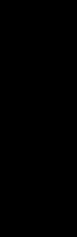
Material and surface finish combinations result in increased comfort and performance

Anti-lock Nut prevents chuck from locking open

Hammerlock® positive locking mechanism prevents loosening in hammer and other high vibration applications

Provides high mechanical advantage to convert hand tightening torque into superior bit gripping force

Constructed of high performance material to maximize durability and performance



MULTI-CRAFT KEYED CHUCKS



Most popular chuck sold in the world

Constructed of high quality materials for lasting life and performance

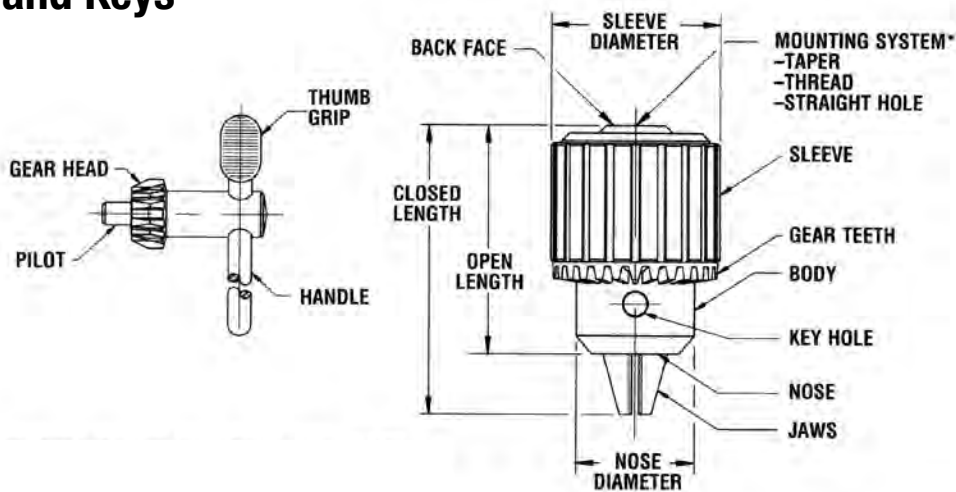
Through-hardened jaws for hard, wear-resistant gripping surfaces

Time-tested design normally found only in industrial-grade chucks

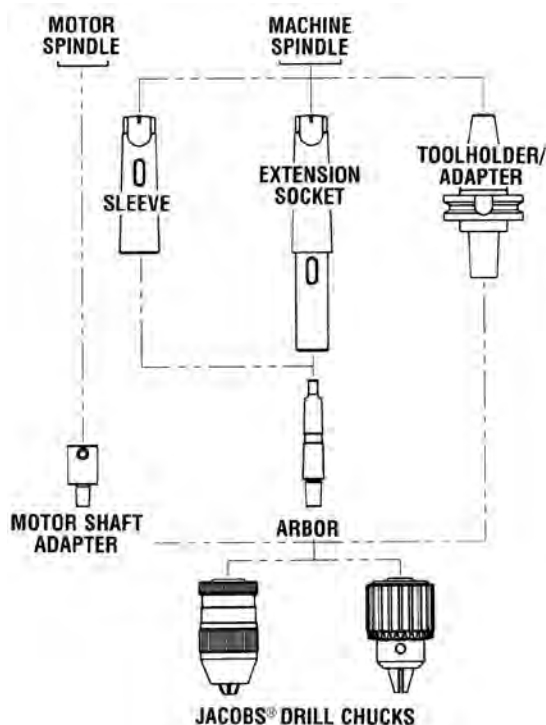


NOMENCLATURE

Chucks and Keys



Tool Holders



TOOL AND WORK HOLDER DEFINITIONS

ARBOR: Chuck mounting device used to adapt standardized chuck mounts to various machine spindle tapers. Arbors are also used to adapt mounts to other rotating devices such as machine spindles and lathes.

SLEEVE: Adapter for arbors when the machine spindle requires a larger taper than is available on the arbor.

EXTENSION SOCKET: Adapting device which increases effective spindle length and provides more flexibility when adapting to various taper sizes.

CENTERS: Support device for a workpiece when unusually long items or extreme accuracy are important. Available generally as rotating (“live”) and stationary (“dead”) designs.

Chuck and Accessory Removal Tools



REMOVAL TOOL DEFINITIONS

EJECTING DRIFT: Hardened steel accessory used to disassemble self-holding taper components.

WEDGES: Tapered steel plates used in pairs to disassemble chucks from arbors and spindles.

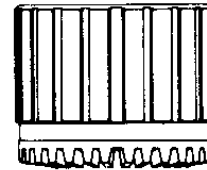
Jacobs® Ball Bearing - Taper Mount

- Ball Bearing Construction Maximizes Gripping Force and Drilling Accuracy
- Jaws Center-Ground for Straightness and Alignment
- One-Piece Sleeve Eliminates Crack Between Driving Teeth Often Found in Other Designs
- Through-Hardened Sleeve Teeth Plus Hardened Nose and Keyholes Provide Outstanding Wear Resistance
- Fluted Sleeve Standard
- Each Chuck 100% Inspected for Performance and Precision
- T.I.R. 0.003" Maximum at Half Capacity



Cat. No.	UPC No.	Packaging	Model No.	Min. Capacity	Max. Capacity	Mount	Key No.	Closed Length	Open Length	Sleeve Dia.	Product Weight	Shelf Pack Qty.
30209	095456302099	Boxed	8-1/2N	0.040 in	0.250 in	2SJT	K30	2.41 in	1.95 in	1.56 in	0.63 lb	1
30215	095456302150	Boxed	11N	0.040 in	0.375 in	2JT	K32	2.88 in	2.26 in	1.93 in	1.22 lb	1
30221D	095456302211	Boxed	14N	0.040 in	0.500 in	3JT	K3	3.88 in	2.97 in	2.44 in	2.44 lb	1
30227	095456302273	Boxed	16N	0.125 in	0.625 in	3JT	K4	4.31 in	3.26 in	2.63 in	3.20 lb	1
30233	095456302334	Boxed	18N	0.125 in	0.750 in	4JT	K4	5.12 in	3.95 in	3.01 in	4.56 lb	1
30239D	095456302396	Boxed	20N	0.375 in	1.000 in	5JT	K5	5.5 in	4.23 in	3.65 in	7.62 lb	1

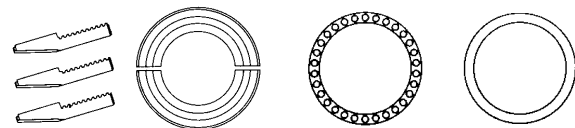
Jacobs® Replacement Parts - Sleeves



Cat. No.	UPC No.	Packaging	Description	Model No.	Product Weight	Shelf Pack Qty.
5089D	095456050891	Bagged	Replacement Sleeve for Model 8-1/2N	8-1/2N	0.20 lb	1
5097	095456050976	Bagged	Replacement Sleeve for Model 11N	11N	0.30 lb	1
5506D	095456055063	Bagged	Replacement Sleeve for Model 14N	14N	0.52 lb	1
5514D	095456055148	Bagged	Replacement Sleeve for Model 16N	16N	0.70 lb	1
5522D	095456055223	Bagged	Replacement Sleeve for Model 18N	18N	1.08 lb	1
5530D	095456055308	Bagged	Replacement Sleeve for Model 20N	20N	1.64 lb	1

Jacobs® Replacement Parts - Service Kits (Newer Models)

- For the New and Improved Jacobs Super Chuck® That Includes the Service Kit Number on the Chuck Nose
- Kit Includes Jaws, Nut, Caged Bearing, and Thrust Washer



Cat. No.	UPC No.	Packaging	Description	Model No.	Product Weight	Shelf Pack Qty.
30343	095456303430	Bagged	Chuck Service Kit for Model 8-1/2N	8-1/2N	0.14 lb	1
30344	095456303447	Bagged	Chuck Service Kit for Model 11N	11N	0.20 lb	1
30345D	095456303454	Bagged	Chuck Service Kit for Model 14N	14N	0.45 lb	1
30346	095456303461	Bagged	Chuck Service Kit for Model 16N	16N	0.66 lb	1
30347	095456303478	Bagged	Chuck Service Kit for Model 18N	18N	0.90 lb	1
30348D	095456303485	Bagged	Chuck Service Kit for Model 20N	20N	1.68 lb	1