

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



- 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

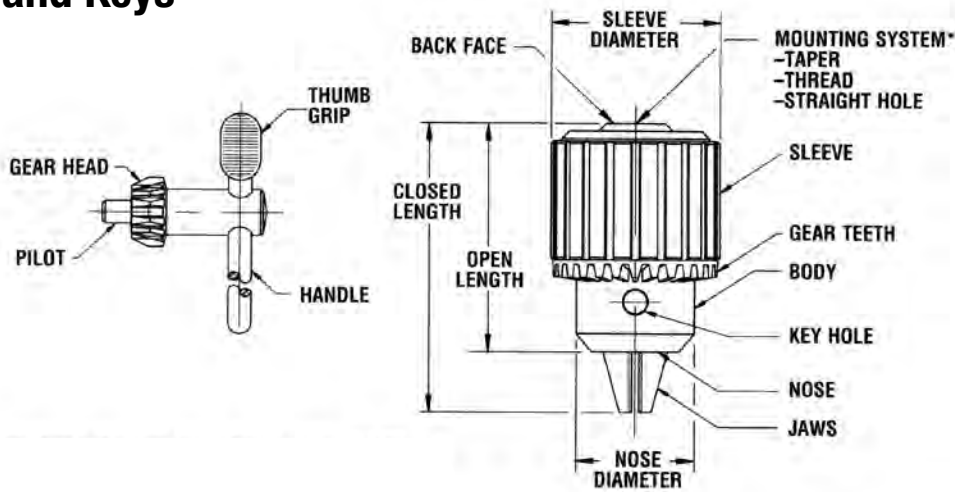
MULTI-CRAFT KEYED CHUCKS



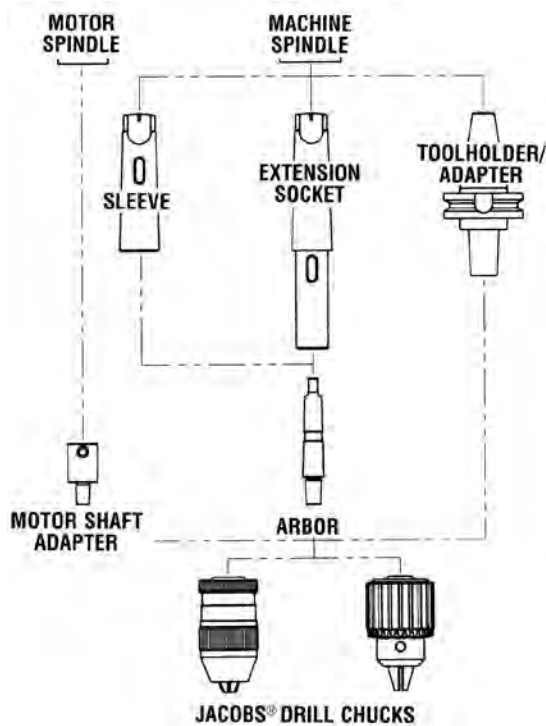
- Most popular chuck sold in the world
- Constructed of high quality materials for lasting life and performance
- Through-hardened jaws for hard, wear-resistant gripping surfaces
- Time-tested design normally found only in industrial-grade chucks

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® Thread Mounted - Medium Duty Model

- Jaws Center-Ground for Absolute 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
- Each Chuck 100% Inspected for Performance and Precision
- T.I.R. .004" Maximum at Half Capacity
- Models 0 and 1A are Smooth Sleeve.
- All Model 33 Plain Bearing Chucks are Hammer Capable.



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.
6204D	095456062047	Boxed	0B 5/16	0.0135 in	0.156 in	5/16-24	K0	1.53 in	1.17 in	0.85 in	0.13 lb	1
6208D	095456062085	Boxed	1B 3/8	0.040 in	0.250 in	3/8-24	K1	1.95 in	1.57 in	1.12 in	0.32 lb	1
6219D	095456062191	Boxed	2BA 3/8	0.040 in	0.375 in	3/8-24	K2	2.81 in	2.17 in	1.67 in	0.90 lb	1
6287D	095456062870	Boxed	33BA 1/2	0.08 in	0.500 in	1/2-20	K32	3.09 in	2.43 in	1.79 in	1.06 lb	1
6283D	095456062832	Boxed	33BA 3/8	0.08 in	0.500 in	3/8-24	K32	3.09 in	2.43 in	1.79 in	1.10 lb	1
6289D	095456062894	Boxed	33BA 5/8	0.08 in	0.500 in	5/8-16	K32	3.09 in	2.43 in	1.79 in	1.14 lb	1
31090	095456310902	Boxed	41BA 1/2	0.040 in	0.375 in	1/2-20	K30	2.50 in	2.05 in	1.43 in	0.60 lb	1
32282C	095456322820	Boxed	41BA 3/8	0.040 in	0.375 in	3/8-24	K30	2.50 in	2.05 in	1.43 in	0.60 lb	1
31138	095456311381	Boxed	41BA 3/8 - S	0.040 in	0.375 in	3/8-24	K30	2.50 in	2.05 in	1.43 in	0.62 lb	1

Jacobs® Thread Mounted - Light Duty Model

- Industrial Quality
- Through-Hardened Jaws Provide Hard, Durable Gripping Forces

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.
14946	095456149465	Boxed	24BA-3/8	0.063 in	0.50 in	3/8-24	KK	3.00 in	2.30 in	1.72 in	0.96 lb	1
14947	095456149472	Boxed	26BA-1/2	0.063 in	0.50 in	1/2-20	KK	3.00 in	2.30 in	1.72 in	0.94 lb	1