

### Futuro Top Keyless Chucks

For hammer drills  
 For Hammering



Capacity	Internal Thread	Weight ozs.	Order No.	Price Ea
1/16"-3/8"	3/8" - 24 UNF	12	36215	\$69.80
1/16"-3/8"	1/2" - 20 UNF	12	36216	\$69.80
0"-1/2"	3/8" x 24 UNF	16	36225	\$74.40
0"-1/2"	1/2" - 20 UNF	16	36226	\$74.40

### Futuro Plus, Double Sleeve, Reversible, Keyless Chucks

For corded and cordless drills



36620 only

Large protective steel cap protects chuck against dirt and damage.

New mechanism provides higher gripping power and longer life.

#### For Rotation Only

Capacity	Internal Thread	Weight ozs.	Order No.	Price Ea
1/32"-3/8"	3/8" - 24 NF	7	36518	\$32.70
1/32"-3/8"	1/2" - 20 NF	7	36519	\$32.70
1/16"-1/2"	1/2" - 20 NF	7	36520	\$38.90

#### For Hammering

1/16"-1/2"	1/2" - 20 NF	10	36614	\$45.00
1/16"-1/2"	1/2" - 20 UNF	10.5	36620	\$48.10

\*With special locking mechanism to prevent reversible keyless chuck from loosening.

### Futuro Plus Single Sleeve, Reversible, Keyless Chucks

For drills with spindle locking mechanism only



Allows changing bits rapidly with one hand

High gripping power, accurate concentricity and long service life.

#### For Rotation Only

Capacity	Internal Thread	Weight ozs.	Order No.	Price Ea
1/32"-3/8"	1/2" - 20 NF	7	36516	\$29.70
1/16"-1/2"	1/2" - 20 NF	7	36517	\$36.90

#### For Hammering

1/16"-1/2"	1/2" - 20 NF	7	36617	\$44.00
1/16"-1/2"	1/2" - 20 NF	11	36621	\$35.00

### Keyless Drill Chucks

For non-reversing portable and stationary drills



Jaws are self tightening – no scored drill shanks and less drill breakage

No key to lose. All parts are hardened and ground for long life and smooth operation.

Capacity	Internal Thread or Taper socket	Weight ozs.	Order No.	Price Ea
3/64"-3/8"	3/8" - 24 NF	12	36321	\$51.20
3/64"-3/8"	1/2" - 20 NF	12	36322	\$51.20
3/64"-3/8"	B16	21	36333	\$65.00
3/64"-1/2"	3/8" - 24 NF	21	36341	\$58.00
1/32" - 1/2"	1/2" - 20 NF	19	36342	\$58.00
3/64"-1/2"	1/2" - 20 NF	29	36351	\$83.70
3/64"-1/2"	5/8" - 16 NF	29	36352	\$88.40
3/64"-1/2"	J6	29	36356	\$83.70
1/8"-5/8"	5/8" - 16 UN	35	36361	\$88.00
1/8"-5/8"	B16	35	36362	\$88.00
1/8"-5/8"	J6	35	36364	\$92.90

### Keyed Drill Chucks

For corded and cordless drills

All wearing parts are made of case hardened steel for longest life



Supplied complete with chuck key.

Higher gripping power, positive chucking and close tolerance concentricity

#### For Power Tools

Capacity	Internal Thread	Weight ozs.	Order No.	Price Ea
1/16"-3/8"	1/2" - 20 NF Rev.	8	35252	\$29.20
3/32"-1/2"	1/2" - 20 NF Rev.	11	35250	\$30.20
1/8"-5/8"	5/8" - 16 UN Rev.	21	35253	\$68.60

#### For Drill Presses

Capacity	Internal Thread or Taper socket	Weight ozs.	Order No.	Price Ea
1/16"-1/2"	3/8" - 24 NF	11	35033	\$25.60
1/16"-1/2"	1/2" - 20 NF	11	35035	\$25.60
1/8"-5/8"	1/2" - 20 NF	21	35054	\$68.00
1/8"-5/8"	1/2" - 20 UN	21	35056	\$68.00

### Quick-action drill chuck (spare)

1/2" Keyless 3-jaw chuck

Order #31921 Price \$76.80 Ea

For use with the UHE22, UHE28, BHE22, BHE24, KHE24 & KHE28



### Quick-action drill chuck (spare)

Order #31923 Price \$76.80 Ea

For use with the KHE32



### SDS-Plus Chuck

Order #31920 Price \$54.30 Ea

For use with the UHE28 Multi



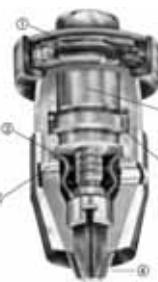
### Taper Arbors

Machine Side Morse taper	Chuck Side Taper arbor	Order No.	Price Ea
No. 2	J33	35119	\$19.10
No. 2	J6	35121	\$19.10
No. 2	B16	35115	\$16.80
No. 3	J6	35131	\$24.80

### Replacement Chuck Keys

For Metabo drill chucks	Order No.	Price Ea
1/4" capacity	35165	\$3.80
3/8" and 1/2" capacity	35167	\$4.10
5/8" capacity	35168	\$6.50

### Quick-action Futuro Top keyless chuck



The world's first impact-proof quick-action keyless chuck, suitable for impact drilling, with spring-loaded bit clamping mechanism and dual dust protection.

Bit clamping without using a chuck key: The chuck adjusts its grip automatically to match the force applied by the bit's cutting edge.

During impact drilling, the chuck is subjected to as many as 56000 blows per minute. The spring-loaded bit clamping mechanism (1) holds the fitted bit securely – even when working continuously under extremely severe conditions.

Dual dust protection: A hard-wearing, oil resistant rubber bellows system (2) protects the driving thread and the precision press fit of the chuck against dust and dirt. Any dust that may pass between the jaw guide and the rubber bellows is ejected through the openings(3) in the chuck sleeve.

Ease of handling: The chuck can be reopened easily and conveniently – even after it has been used on tough drilling or impact drilling jobs.

Every part of the chuck likely to be subjected to severe stress is hardened. The jaws (4), guide sleeve (5), and chuck body (6) are precision ground to ensure both a precision press fit and long useful life.