

# Drill Chucks Ball Bearing



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.

## Ball Bearing Super Drill Chucks

Order No.	Chuck Model	Capacity	Tapered Mount	Uses
610-001	8-1/2N	0-1/4	2SJT	K30
610-002	11N	0-3/8	2JT	K32
610-003	14N	0-1/2	3JT	K3
610-004	16N	1/8-5/8	3JT	K4
610-005	18N	1/8-3/4	4JT	K4
610-006	20N	3/8-1	5JT	K5

## Parts for Ball Bearing Key Type Super Chucks (Older Models)



SLEEVE



JAWS & NUTS UNITS



THRUST RACE/BALLS

## Jacobs Ball Bearing Super Drill Chucks

JAWS & NUTS UNITS		SLEEVE		THRUST RACE/BALLS	
Order No.	Part No.	Order No.	Part No.	Order No.	Part No.
610-208	U8-1/2N	610-308	S8-1/2N	610-408	T8-1/2
610-211	U11-N	610-311	S-11N	610-411	T-11
610-214	U14-N	610-314	S-14N	610-414	T-14
610-216	U16-N	610-316	S-16N	610-416	T-16
610-218	U18-N	610-318	S-18N	610-418	T-18
610-220	U20-N	610-320	S-20N	610-420	T-20

## Service Kits (Newer Models)

Order No.	Part No.
610-30343	SC 8-1/2 N
610-30344	SC 11 N
610-30345	SC 14 N
610-30346	SC 16 N
610-30347	SC 18 N
610-30348	SC 20 N

### Service kits includes:

Jaws & nuts unit, caged bearing and thrust washer.

These service kits are for new Jacobs super chuck ball bearing chuck. On these new chucks they have a service kit number on the chuck nose.

# Chuck Keys & Spare Parts

Interchangeable sleeves, jaws & nuts

## Parts for Jacobs Chuck Keys and Spare Parts

You can easily repair the Jacobs plain bearing type chuck if you buy the necessary parts from your Jacobs distributor. We exercise careful control in the manufacture of Jacob chucks to guarantee the complete inter-changeability of parts.



\* Small Sleeve

Order No.	*Jaws & Nut Unit
610-203	U3
610-233	U33
610-234	U34
610-236	U36

Order No.	Sleeve
610-303	S3
610-333	S33
610-334	S34
610-336	S36

## Jacobs Chuck Keys



Order No.	Key No.	Chuck Models
610-100	K0	0 Series
610-100M	K0M	0 Series Stainless
610-101	K1	1 Series
610-101M	K1M	1 Series Stainless
610-102	K2	2 Series
610-103	K3	3, 6 Series & 14N
610-103C	K3C	633C & 633D
610-104	K4	36, 37 Series & 16N, 18N
610-105	K5	20N
610-107	K7	7 Series
610-130	K30	30, 31 Series & 8-1/2N
610-132	K32	32, 33 Series & 11N

# Drill Chuck Arbors

### Jacobs Taper

Morse Taper      Bridgeport (R-8)      Straight Shank



## Taper Shank Arbors

\* Techleader brand arbors

Shank Taper	Jacobs Taper						
	1	2	3	4	5	6	33
*#1 MORSE	620-101	620-102	N/A	N/A	N/A	620-106	620-133
*#2 MORSE	620-201	620-202	620-203	620-204	N/A	620-206	620-233
*#3 MORSE	620-301	620-302	620-303	620-304	620-305	620-306	620-333
*#4 MORSE	N/A	620-402	620-403	620-404	620-405	620-406	620-433
*#5 MORSE	N/A	N/A	620-503	620-504	620-505	N/A	N/A
*R8 (BRIDGEPORT)	690-800	690-805	690-815	N/A	N/A	690-830	690-835
*NMTB30QC	690-000	690-005	690-015	N/A	N/A	690-030	690-035
*NMTB40QC	690-200	690-205	690-215	N/A	N/A	690-230	690-235
*NMTB50QC	N/A	690-405	690-415	690-420	690-425	690-430	690-435

## Straight Shank Arbors

Shank Diameter & Length	Jacobs Taper					
	0	1	2	3	6	33
1/2 x 2-1/2	624-000	624-001	624-002	624-003	624-006	624-033
5/8 x 2-1/2	N/A	624-101	624-102	624-103	624-106	624-133
3/4 x 3	N/A	N/A	624-202	624-203	624-206	624-233
1 x 3	N/A	N/A	N/A	624-303	624-306	N/A

Always specify Techleader/Jacobs arbors to secure 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.

TOOLHOLDERS & AUXILIARY PRODUCTS