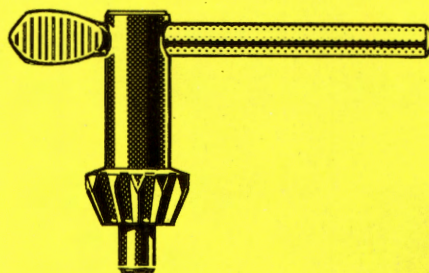
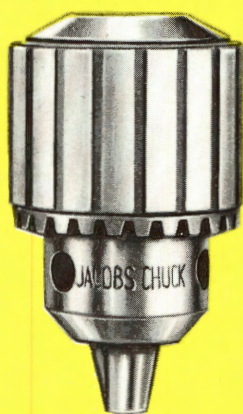
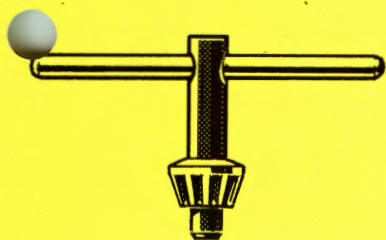


GENUINE

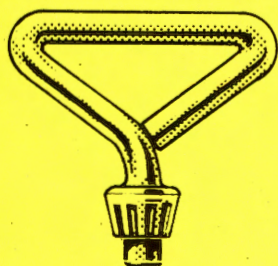
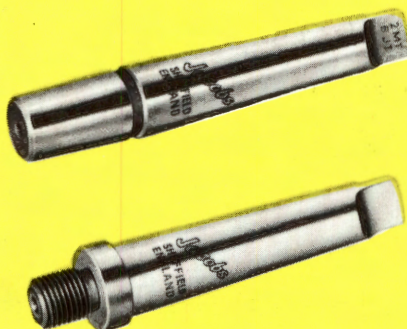
Jacobs®

chucks, keys and arbors

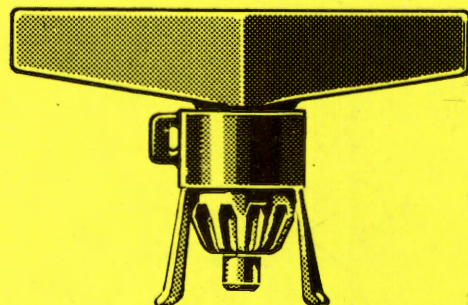
to inch and metric specifications



U.K. & Foreign Pats.



UK & Foreign Pats. Pend.



UK & Foreign Pats. Pend.

THE **Jacobs**® MANUFACTURING COMPANY LIMITED SHEFFIELD ENGLAND

GENUINE

Jacobs®

3-jaw, key operated drill chucks to inch or metric specification

Jacobs® Multi-Craft chucks

—now in attractive individual blister packs.

A range of light duty chucks with fully hardened jaws and gear teeth and pressed steel outer sleeves. Suitable for home workshop electric drills. All chucks will hold inch or metric drills shown in the capacity columns.



Capacity		Mount		Model no. with Jacobs gear	Key no. *	Model no. with Metric gear	Key no. *
ins.	mm	internal thread	external thread				
0-5/16	0-8	3/8" x 24	—	8MCG 3/8" x 24	KG	—	—
0-5/16	0-8	—	3/8" x 24	8MCG 3/8" x 24M	KG	—	—
1/16-3/8	1.5-10	3/8" x 24	—	10MCG 3/8" x 24	KG	10MC8/10 3/8 x 24	KD8/10
1/16-3/8	1.5-10	—	3/8" x 24	10MCG 3/8" x 24M	KG	—	—
1/16-1/2	1.5-13	3/8" x 24	—	13MC30 3/8" x 24	K30S	13MC8/10 3/8 x 24	KD8/10
1/16-1/2	1.5-13	1/2" x 20	—	13MC30 1/2" x 20	K30S	13MC8/10 1/2 x 20	KD8/10
1/16-1/2	1.5-13	—	3/8" x 24	13MC30 3/8" x 24M	K30S	—	—

1/16"-3/8" (1.5-10mm) capacity 1/2"x20 internal thread Metric gear model no. 10MC8/10 1/2x20

Jacobs® Super-Craft chucks

A range of light/medium duty chucks with fully hardened jaws, gear teeth and outer sleeves. Suitable for professional and light industrial power tools. Available against special order. Prices on request.



Capacity		Mount		Model no. with Jacobs gear	Key no. *	Model no. with Metric gear	Key no. *
ins.	mm	internal thread	external thread				
0-5/16	0-8	3/8" x 24	—	8SCG 3/8 x 24	KG	8SC4/6 3/8 x 24	KD4/6
0-5/16	0-8	1/2" x 20	—	8SCG 1/2 x 20	KG	8SC4/6 1/2 x 20	KD4/6
1/16-3/8	0-10	3/8" x 24	—	10SCG 3/8 x 24	KG	10SC8/10 3/8 x 24	KD8/10
1/16-3/8	0-10	1/2" x 20	—	10SCG 1/2 x 20	KG	10SC8/10 1/2 x 20	KD8/10
1/16-3/8	0-10	—	3/8" x 24	10SCG 3/8 x 20M	KG	—	—
1/16-1/2	1.5-13	3/8" x 24	—	13SC30 3/8 x 24	K30S	13SC8/10 3/8 x 24	KD8/10
1/16-1/2	1.5-13	1/2" x 20	—	13SC30 1/2 x 20	K30S	13SC8/10 1/2 x 20	KD8/10
1/16-1/2	1.5-13	—	3/8" x 24	13SC30 3/8 x 24M	K30S	—	—

* As shown in the chuck key section there is a choice of key styles. For chucks with Jacobs gear, keys (where KG is specified) can be KG; KGC; KGD or KGDE. For K30S use K30S; K30P or K30PE. For chucks with metric gear, keys KD8/10, KD8/10P or KD8/10PE can be used.

Jacobs® industrial chucks

supplied in attractive individual green cartons.

A range of industrial quality chucks in which all working components are fully hardened and ground. Suitable for use on all types of industrial power tools and machine tools.

chucks with Jacobs and metric taper mounts

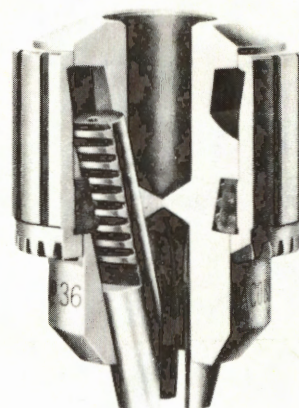
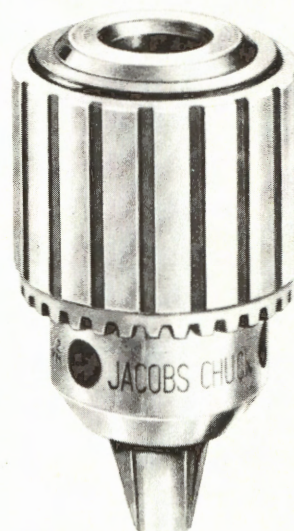
Capacity		Length		Outside Diameter		Taper Mount		Model no.	Key no.
ins.	mm	ins.	mm	ins.	mm	Jacobs	Metric		
0-5/32	0-4	1.38	35	.88	22	0	—	0	K0
0-1/4	0-6.5	1.94	49	1.19	30	1	—	1A	K1
0-1/4	0-6.5	1.94	49	1.19	30	—	B.10	1A DIN B.10	K1
0-1/4	0-6.5	2.22	56	1.34	34	2	—	7	K7
0-1/4	0-6.5	2.22	56	1.34	34	—	B.12	7 DIN B.12	K7
0-5/16	0-8	2.31	59	1.44	37	2	—	30	K30S
0-5/16	0-8	2.31	59	1.44	37	—	B.12	30 DIN B.12	K30S
1/16-3/8	2-10	2.31	59	1.44	37	2	—	31	K30S
1/16-3/8	2-10	2.31	59	1.44	37	—	B.12	31 DIN B.12	K30S
0-3/8	0-10	2.81	71	1.69	43	2	—	2A	K2
0-3/8	0-10	2.97	75	1.81	46	2	—	32	K32
0-3/8	0-10	2.97	75	1.81	46	—	B.16	32 DIN B.16	K32
5/64-1/2	2-13	3.16	80	1.81	46	33	—	33	K32
5/64-1/2	2-13	3.16	80	1.81	46	—	B.16	33 DIN B.16	K32
0-1/2	0-13	3.44	87	1.94	49	2	—	6A-2A	K3
0-1/2	0-13	3.44	87	1.94	49	33	—	6A-33	K3
0-1/2	0-13	3.44	87	2.06	52	6	—	34	K3
0-1/2	0-13	3.44	87	2.06	52	—	B.16	34 DIN B.16	K3
1/8-5/8	3-16	3.81	97	2.31	59	3	—	3A	K3
1/8-5/8	3-16	3.81	97	2.31	59	—	B.18	3A DIN B.18	K3
3/16-3/4	5-20	4.06	103	2.56	65	3	—	36	K4

chucks with internal threaded mounts

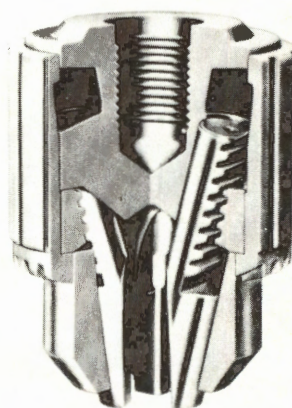
Capacity		Length		Outside Diameter		Threaded Mount	Model no.	Key no.
ins.	mm	ins.	mm	ins.	mm			
0-5/32	0-4	1.5	38	.88	22	5/16 x 24	0B 5/16 x 24	K0
0-1/4	0-6.5	1.94	49	1.19	30	5/16 x 24	1B 5/16 x 24	K1
0-1/4	0-6.5	1.94	49	1.19	30	3/8 x 24	1B 3/8 x 24	K1
0-1/4	0-6.5	2.22	56	1.34	34	3/8 x 24	7B 3/8 x 24	K7
0-1/4	0-6.5	2.22	56	1.34	34	1/2 x 20	7B 1/2 x 20	K7
0-5/16	0-8	2.41	61	1.44	37	3/8 x 24	30B 3/8 x 24	K30S
0-5/16	0-8	2.41	61	1.44	37	1/2 x 20	30B 1/2 x 20	K30S
1/16-3/8	2-10	2.31	59	1.44	37	3/8 x 24	31B 3/8 x 24	K30S
1/16-3/8	2-10	2.31	59	1.44	37	1/2 x 20	31B 1/2 x 20	K30S
0-3/8	0-10	2.81	71	1.69	43	3/8 x 24	2B 3/8 x 24	K2
0-3/8	0-10	3	76	1.81	46	1/2 x 20	32B 1/2 x 20	K32
5/64-1/2	2-13	3.09	79	1.81	46	3/8 x 24	33B 3/8 x 24	K32
5/64-1/2	2-13	3.09	79	1.81	46	1/2 x 20	33B 1/2 x 20	K32
5/64-1/2	2-13	3.09	79	1.81	46	5/8 x 16	33B 5/8 x 16	K32
0-1/2	0-13	3.5	89	1.94	49	1/2 x 20	6B 1/2 x 20	K3
0-1/2	0-13	3.5	89	2.06	52	5/8 x 16	34B 5/8 x 16	K3
0-1/2	0-13	3.5	89	2.06	52	3/4 x 16	34B 3/4 x 16	K3
1/8-5/8	3-16	3.81	97	2.31	59	5/8 x 16	3B 5/8 x 16	K3
3/16-3/4	5-20	4.13	105	2.56	65	5/8 x 16	36B 5/8 x 16	K4
3/16-3/4	5-20	4.13	105	2.56	65	3/4 x 16	36B 3/4 x 16	K4

With the exception of Model 0 Chuck, which has a minimum capacity of a No. 80 drill (.344 mm. dia.) all chucks having a nominal capacity of zero will hold No. 70 drills (.711 mm. dia.).

Spare sleeves, jaws and nuts are available. See price list for details



tapered mount



threaded mount

Jacobs® arbors



all hardened with precision ground tapers

taper arbors

Shank Taper	Jacobs Taper							
	0	1	2	3	4	5	6	33
0 Morse	X	X	—	—	—	—	X	—
1 "	X	X	X	X	—	—	X	X
2 "	X	X	X	X	X	X	X	X
3 "	X	X	X	X	X	X	X	X
4 "	—	X	X	X	X	X	X	X
5 "	—	—	X	X	X	X	X	—

X denotes normal stock item



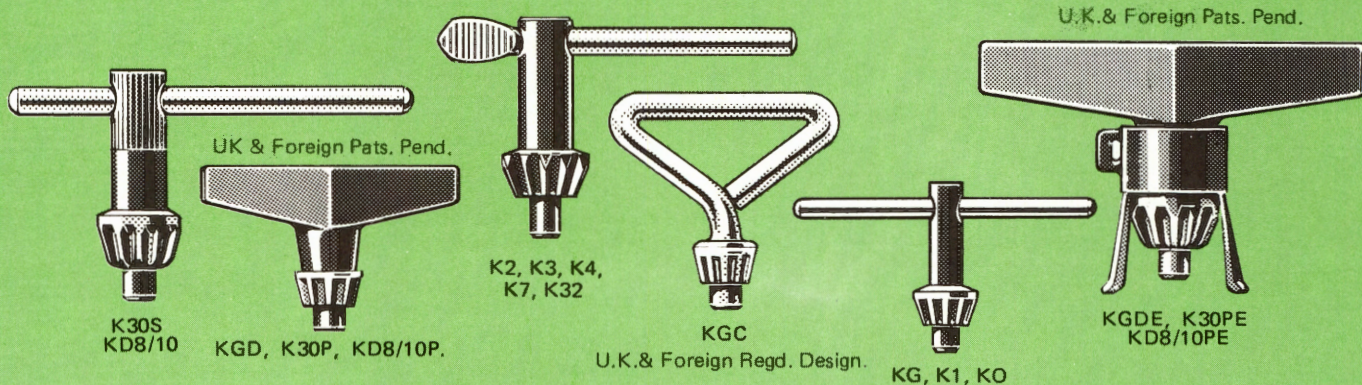
tang hardened precision ground taper shank

threaded arbors

Shank Taper	Thread	Shank Taper	Thread
1 Morse	3/8" x 24	2 Morse	5/8" x 16
1 "	1/2" x 20	2 "	3/4" x 16
1 "	5/8" x 16	3 "	1/2" x 20
2 "	3/8" x 24	3 "	5/8" x 16
2 "	1/2" x 20	3 "	3/4" x 16

Jacobs® chuck keys

For added safety some chuck keys are complete with self-ejectors as shown below.

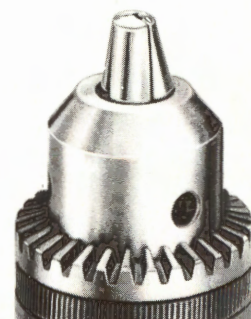


Jacobs® high-duty chucks

A range of medium duty chucks with hardened bodies, jaws, gear teeth and outer sleeves. Suitable for a wide range of industrial power tools. Only supplied as original equipment.

threaded mount chucks

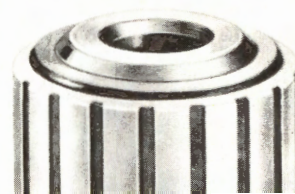
Capacity		Mount internal thread	Model no. with Jacobs gear	Key no *	Model no. with Metric gear	Key no. *	Outside Diameter	
ins.	mm						ins.	mm
0-5/16	0-8	3/8 x 24	8HD30 3/8 x 24	K30S	8HD8/10 3/8 x 24	KD8/10	1.29	32.65
0-3/8	0-10	3/8 x 24	10HD30 3/8 x 24	K30S	10HD8/10 3/8 x 24	KD8/10	1.37	34.90
0-3/8	0-10	1/2 x 20	10HD30 1/2 x 20	K30S	10HD8/10 1/2 x 20	KD8/10	1.37	34.90



Jacobs® industrial chucks

supplied in attractive individual green cartons.

A range of industrial quality chucks in which all working components are fully hardened and ground. Suitable for use on all types of industrial power tools and machine tools.



Jacobs®

instructions for chuck removal

Threaded spindles

Chucks may be removed from threaded spindles by inserting a chuck key in a keyhole in the chuck body and striking the key with a sharp blow in an anti-clockwise direction. (see A)

Tapered spindles

Chucks may be removed from tapered spindles by inserting chuck removal wedges between the back of the chuck and the spindle housing (see B).

Tapered arbors

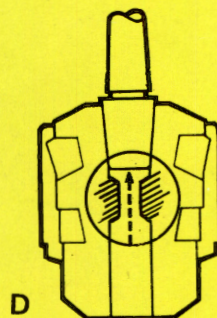
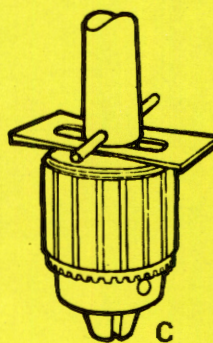
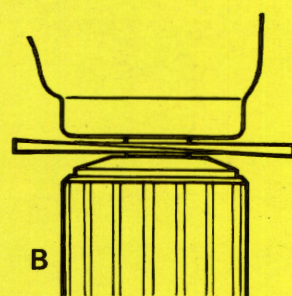
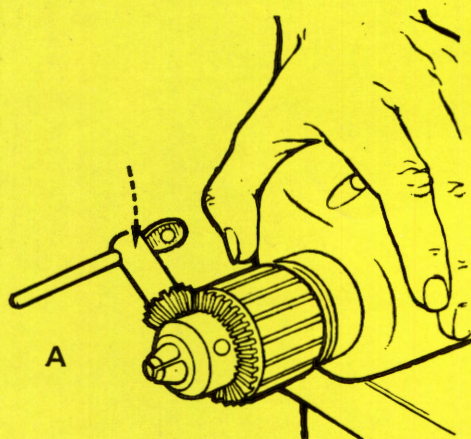
In cases where the arbor shank is larger than the chuck taper end insert wedges between the back of the chuck and the shoulder of the arbor (see C).

In cases where the arbor shank does not provide a shoulder, a cross hole can be drilled through the neck of the arbor and a cross pin inserted.

The wedges can be used between the back of the chuck and the cross pin (see C).

If preferred a hole may be drilled through the centre portion of the chuck body.

An arbor press may then be used to force the arbor out of the chuck (see D).



Jacobs®

THE *Jacobs* MANUFACTURING COMPANY LIMITED

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Jacobs

display packs



Jacobs Industrial Chucks, Replacement Keys and Chuck Arbors are packed in individual cartons of traditional green colouring.

Keys for Multi-Craft Chucks are available individually skin-packed.

Jacobs Multi-Craft Chucks and Keys are available packed in carded blister packs.

The Jacobs 'Spinner' (illustrated) is a patented new product for collecting dust and drillings.

It protects eyes, clothes, surrounding work areas and the drill chuck, especially when drilling in overhead positions.