



Jacobs®
CHUCK

Innovation Since 1902

Jacobs[®] CHUCK Jacobs Story

It's hard to believe that a set of bruised knuckles was the impetus for one of the most significant industrial advancement in the 20th century.

Arthur Irving Jacobs was never one for leaving things alone. He was always improving them continually coming up with new ways of working and new gadgets to do the work.

On one particular occasion, he was working with an old style drill press, trying to hold the belt control with one hand, and applying the spanner wrench to the other. The wrench slipped and he badly battered his knuckles. Arthur knew there had to be a better way. In a matter of days, he had developed the first drill chuck with a toothed sleeve and key. A few months later, he founded what become The Jacobs Chuck Manufacturing Company. Sep 16, 1902, Jacobs received his first Letters Patent for Drill Chuck.

The rest, as they say, is history.

The Jacobs Chuck Manufacturing Company maintains a global presence as a recognized leader in the design manufacture of precision tool and work holding devices for stationary equipment and portable power tools.

"There must be a better way to build a chuck"

-A. I. Jacobs, 1902



In 1916, JACOBS built its first factory in Hartford, CT, USA.

Jacobs在Connecticut州首府Hartford的Park Street建造了第一座现代化工厂



In 1943, the JACOBS Manufacturing Company received the Army-Navy "E" Award for high performance in wartime production.

JACOBS夹头制造公司获得美国陆海军"E"奖章,以表彰公司在二战期间,为国家防卫作出的出色表现。



JACOBS launched Multi-Craft keyed chuck for DIY market.

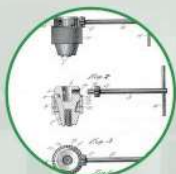
JACOBS针对DIY市场,推出Multi-Craft有匙夹头。

1902

In 1902, JACOBS was granted the first drill chuck patent, invented by A. I. Jacobs in USA.

9月16日

Arthur Irving Jacobs的第一个钻夹头专利获得批准。



1942

JACOBS High Precision Ball Bearing Keyed Chuck Launched. (Super Chuck)

JACOBS推出第一款高精度的BB超级夹头。



1943

1959

In 1959, JACOBS built another chuck manufacturing plant in Clemson, South Carolina.

位于South Carolina州的Clemson的全新的现代化工厂建设完工, Elmwood工厂的生产开始逐步转移到Clemson工厂。



1960

也许令人难以置信，仅仅因为一个指关节的擦伤，引发了20世纪一个重要的工业进步。

亚瑟·欧文·捷可勃斯从来就不是一个因循守旧的人。他总是不断探求改进和革新，不断地想出新的工作方法和新的工具来做现有的工作。在一个偶然的场合，他在使用旧式的台钻时，一只手来抓住皮带，另一只手用活动扳手操作。突然，扳手脱手滑落并弄伤了他的指关节。亚瑟知道一定有更好的方法。只在几天时间里，他发明了第一个带齿轮套筒并带有钥匙的钻夹头，并将此发明申请了专利。几个月后，他创立了捷可勃斯夹头制造公司。1902年9月16日，A.I. Jacobs 收到了第一个钻夹头专利的批准文件。

接下来，就如大家所说的，都是历史。

如今，钻夹头已被广泛应用，从最先进的数控机床到便携式电钻工具。捷可勃斯夹头制造公司业已成为全球公认的夹头制造领导者。



In 1996, JACOBS new plant was built in Suzhou, China.
JACOBS在中国苏州设立新工厂。



JACOBS launched 4000 Series chuck for PRO compact drill platforms.
JACOBS推出了第一代紧凑型专业级手紧夹头4000系列-最短51.5mm长度。



JACOBS launched 8000 series, next GEN. Heavy Duty Pro Keyless Chuck with Ultra Locking System.
Jacobs推出了新一代重型专业级手紧夹头- Ultra傲极8000系列。

1990

JACOBS was the first to launch a Keyless Chuck "HAND-TITE" for portable drills.

JACOBS推出HAND-TITE 系列夹头，第一款用于便携式工具的手紧夹头。



1996

2001

JACOBS launched new PRO 500&700 Keyless chuck, integrated with new Ratchet Locking, Click® and Anti-Lock® technology.

JACOBS推出新一代500&700系列专业级夹头，集成了最新的棘轮锁定技术、Click®声音提示反馈技术及Anti-Lock®反向防抱死技术的手紧夹头。



2008

2015

JACOBS launched 5000 series, Professional Keyless Chuck with improved and more Robust Locking System.

JACOBS推出了大角度增强型专业级手紧夹头5513系列，夹头套筒锁定能力更为强劲。



2018

THE JACOBS
CHUCK MANUFACTURING CO

美国捷可勃斯夹头制造(苏州)有限公司

Power Tool Chuck

手持式电动工具钻夹头

早在1960年，捷可勃斯推出了用于DIY手持式动力工具的Multi-Craft®有匙钻夹头后，捷可勃斯就一直致力于为手持式动力工具提供更为经济且性能优良的夹持方案，并通过不断的技术创新及生产革新，让手持式动力工具不仅具有同样出色的精度表现，而且也使得动力工具成为广大手工爱好者消费得起的工具。

1990年，专为手持式动力工具，捷可勃斯又向市场推出了手紧式Hand-Tite®夹头，这一具有突破性意义的钻夹头。这也是目前市场上，手持式电动工具用得最为广泛的钻夹头。

目前，捷可勃斯电动工具钻夹头涵盖了10个系列近400多个品种，从DIY夹头，到Pro带锁定系统的夹头，无论是AC电钻还是DC电钻，无论是紧凑型电钻，还是带冲击电钻，捷可勃斯都能提供全方位的夹持解决方案。

DIY夹头，包括Multi-Craft®有匙系列，200经典系列：3000 Soft-grip®软胶系列，100/1000经济款系列。

PRO专业带锁定机构夹头，包括500/700系列，5000/7000系列，4000系列，软胶6000系列，傲极8000系列。

In 1960, Jacobs® created its Multi-Craft® line, the first mass-produced keyed chuck for the Do-it-yourself market, which made accurate drilling performance affordable for the home handyman and hobbyist. Pledging a constant focus on technological breakthroughs, Jacobs promises to provide leading-edge drill chucks with the highest quality and newest innovations.

Then, in 1990, Jacobs® debuted the first commercially successful keyless chuck for portable power tools, called Hand-Tite®. This technological breakthrough in drill chucks brought product differentiation, and improved performance, and marketability to the world's power tool manufacturers. As a result, the "hand tight" chuck is now widely used in power tool manufacturing.

Today, Jacobs® power tool chucks cover 10 categories, with almost 400 items. From the DIY chuck to the professional chucks [with locking system], for AC drills and DC drills, for compact drills and hammer drills, Jacobs® can provide a wide range of gripping solutions for portable power tools.

The DIY category includes Multi-Craft® keyed series, Classical 200 series, 3000 Soft-grip® series, and 100/1000 economic series.

The professional category with locking system includes 500/700 series, 5000/7000 hammer version series, 4000 compact series, Soft-Grip® 6000 series, Ultra 8000 series.



Multi-Craft® Series Keyed Chucks

产品特点/ Features

扭矩规格：输入输出比 MC6[1:0.67], MC10[1:0.83],
Grip Torque: Input/Output MC13[1:1]

- ◆ 结构简洁，性能可靠
Simplicity and Reliability

全球最为畅销的夹头类型
Most Popular Chuck sold in the world

- ◆ 爪子耐磨性好，夹持稳固
Wear Resistant Jaws, steady gripping

爪子整体淬火，提高爪子接触面的耐磨性能
Through-Hardened Jaws provide wear resistant gripping surface.

- ◆ 优选材质，是夹头性能和耐用性的保证
Constructed of high-quality materials for lasting life and performance



整体淬火爪子，出色的抗耐磨性。
Through-hardened jaws, better wear-resistant performance.

电镀本体，出色的防腐性能。
Plated body, better rust-resistant finish.

1/2 MC 1.5-13mm

PN	31902	32004
M/T	3/8-24 UNF	1/2-20 UNF
Key	KK	KK



1/2 MC 1.5-13mm

PN	901754	31903
M/T	3/8-24 UNF	1/2-20 UNF
Key	S2	S2



3/8 MC 1.0-10mm

PN	32051; 31904	33457
M/T	3/8-24 UNF	1/2-20 UNF
Key	KG	S2



1/4 MC 1.0-6.5mm

PN	7249
M/T	3/8-24 UNF
Key	KG



1/4 MC 1.0-6.5mm

PN	30001
M/T	1/2 Hex Adaptor
Key	KG



KG key

PN | 14273M



KG key

PN | 32209M



KK key

PN | 30052M



S2 Key

PN | 902744M



200 Series Classic Keyless Chucks

产品特点/ Features

扭矩规格：输入输出比, 1:1

Grip Torque: Input/Output, 1:1

Jacobs Hand-Tite® Technology
手紧式技术

快速便捷的夹头操作
Keyless chuck, quick and easy chuck operation

"Hammer" Technology 功能 (可选 Optional)

一种有效的防松机构, 可以有效降低夹头松开的频率, 特别是在电钻冲击功能的应用条件下

A positive locking mechanism which prevents loosening in hammer drill application.

"Click" Technology 感官反馈提示技术 (可选 Optional)

当夹头被旋紧到可靠的夹紧状态时, 夹头会发出清晰的“哒哒”声以感官提示。

Provides audible and tactile feedback when chuck is properly tightening.

内置捷可勃斯专利技术的
Hammer®功能, 提升防松性能
Jacobs patented Hammer®,
a positive locking mechanism.

紧凑设计
Compact design



210-1P 1.0-10mm

PN	33526DP
M/T	3/8-24 UNF
Length	48mm
DIA	40mm
Feature	Rotary



213-1P 15-13mm

PN	33545
M/T	1/2-20 UNF
Length	57mm
DIA	43mm
Feature	Hammer



210-2P 1.0-10mm

PN	32513	32541
M/T	3/8-24	3/8-24
Feature	Rotary	Click



213-2P 15-13mm

PN	32540	32494	32493
M/T	3/8-24	3/8-24	1/2-20
Feature	Rotary	Hammer	Hammer



210-2P 1.0-10mm

PN	32338	32352	32354
M/T	3/8-24	3/8-24	1/2-20
Feature	Rotary	Hammer	Hammer



213-2P 15-13mm

PN	32359	33357	32361
M/T	3/8-24	1/2-20	1/2-20
Feature	Hammer	Rotary	Hammer



210-2P 1.0-10mm

PN	33265
M/T	3/8-24
Feature	Hammer



213-2P 15-13mm

PN	33267
M/T	3/8-24
Feature	Hammer

4000 Series Compact PRO Keyless Chucks

产品特点/Features

扭矩规格：输入输出比, 1:1.33 [13mm Chuck]
Grip Torque: Input/Output 1:1.33 [13mm Chuck]

棘轮锁定机构技术 Ratchet Locking System Technology

Jacobs专利技术，强劲的锁定力可以防止钻头或者批头掉落，即使是在高震动的应用条件下。
Jacobs Patented, great bit holding and prevents bit loosening under high vibration applications.

"Click" Technology 感官反馈提示技术

当夹头被旋紧到可靠的夹紧状态时，夹头会发出清晰的“哒哒”声以感官提示。
Provides audible and tactile feedback when chuck is properly tightening.

"Anti-Lock" Technology 防抱死技术

可以防止在夹头被旋到全开位置时，由于过度后旋所产生的螺纹抱死现象
Prevents chuck from locking open at max. capacity.

紧凑型短款设计 Compact Design

短款设计，不同长度可选，满足各类电钻的紧凑型设计。
Optional various chuck length to match compact drill design

专业合金爪，提升抗耐磨性，即使在苛刻工作条件下。(4700系列)

Carbide jaws, enhances wear resistance, even in the most demanding applications. [4700 Series]

紧凑型设计，完美匹配当今枪钻设计潮流
Compact design, in line with current drill designing trends.



内置捷可勃斯专利技术的
Locking System锁定机构

Jacobs patented Locking System inside, a positive locking mechanism.

紧凑型设计，完美匹配当今枪钻设计潮流

Compact design, in line with current drill designing trends.



4510-1M 15-10mm

PN	34491
M/T	3/8-24 UNF
Length	46mm

4713-1M 15-13mm

PN	33497
M/T	1/2-20 UNF
Length	51.5mm



4510-1P 15-10mm

PN	33037	33283
M/T	3/8-24 UNF	1/2-20 UNF
Length	51mm	51mm



4510-1M 15-10mm

PN	33519	34072
M/T	3/8-24 UNF	1/2-20 UNF
Length	51mm	51mm



4013-1P 15-13mm

PN	33567
M/T	1/2-20 UNF
Length	56mm



4513-1M 15-13mm

PN	33621
M/T	1/2-20 UNF
Length	54mm



4513-1M Plus 15-13mm

PN	33940
M/T	1/2-20 UNF
Length	51.5mm



4713-1M 15-13mm

PN	33260
M/T	1/2-20 UNF
Length	60mm

产品特点/ Features

扭矩规格：输入输出比, 1:1.33 [13mm Chuck]
Grip Torque: Input/Output 1:1.33 [13mm Chuck]

 加强型锁紧机构
Enhanced Locking System Technology

JACOBS专利技术, 各种工况下都能提供更为强劲的夹持能力。
Jacobs Patented, very strong bit holding capability under severe drilling conditions.

 "Click" Technology 感官反馈提示技术

当夹头被旋紧到可靠的夹紧状态时, 夹头会发出清晰的“哒哒”声以感官提示。

Provides audible and tactile feedback when chuck is properly tightening.

 "Anti-Lock" Technology 防抱死技术

可以防止在夹头被旋到全开位置时, 由于过度后旋所产生的螺纹抱死现象

Prevents chuck from locking open at max. capacity.

 紧凑型短款设计 Compact Design

夹头长度可以短至51mm, 匹配当今便携式工具的紧凑设计要求
Shorten chuck length even to 51mm to match current compact design for tools.

 重载型应用设计 Heavy Duty Application

专业级重载应用 Design for Heavy Duty applications



专业合金爪, 提升抗耐磨性, 即使在苛刻工作条件下。(5700系列)

Carbide jaws, enhances wear resistance, even in the most demanding applications. [5700 Series]



内置专利技术的增强型
Locking System锁定机构

Enhanced Locking System inside, a more powerful locking mechanism.



5713-1M 1.5-13mm

PN	33846
M/T	1/2-20 UNF
Length	54mm



5513-1M 1.5-13mm

PN	33704
M/T	1/2-20 UNF
Length	54mm



5713-1M 1.5-13mm

PN	34237
M/T	9/16-18 UNF
Length	54mm



5513-1M 1.5-13mm

PN	34401
M/T	9/16-18 UNF
Length	54mm



5713S-1M 1.5-13mm

PN	
M/T	9/16-18 UNF
Length	49mm



5513S-1M 1.5-13mm

PN	
M/T	1/2-20 UNF
Length	47mm



5513S-1M 1.5-13mm

PN	
M/T	9/16-18 UNF
Length	49mm

Jacobs 8000 Ultra PRO Keyless Chucks

产品特点/ Features

扭矩规格：输入输出比, 1:1.33 [13mm Chuck]
Grip Torque: Input/Output 1:1.33 [13mm Chuck]

内置傲极锁紧机构 Ultra Locking System Technology

Jacobs专利技术，使夹头具有更为耐用和持久的超强锁紧性能
Jacobs Patented, Robust and Durable Locking Design that provides superior Performance.

"Click" Technology 感官反馈提示技术

当夹头被旋紧到可靠的夹紧状态时，夹头会发出清晰的“哒哒”声以感官提示。
Provides audible and tactile feedback when chuck is properly tightening.

"Anti-Lock" Technology 防抱死技术

可以防止在夹头被旋到全开位置时，由于过度后旋所产生的螺纹抱死现象
Prevents chuck from locking open at max. capacity.

紧凑型短款设计 Compact Design

夹头长度可以短至54mm，匹配当今便携式工具的紧凑设计要求
Shorten chuck length even to 54mm to match current compact design for tools.

重载型应用设计 Heavy Duty Application

特别适用于高转速高扭矩等重载型便携式电钻的专业级应用场景
Especially design for Heavy Duty applications



JACOBS专利技术的傲极锁定机构，
超强持久的锁定能力
ULTRA Locking System inside, a
more powerful ratchet locking
mechanism.



8713-1M 1.5-13mm

PN	
M/T	1/2-20 UNF
Length	54mm



8513-1M 1.5-13mm

PN	34246	34249
M/T	1/2-20 UNF	9/16-18 UNF
Length	54mm	54mm



8713-1M 1.5-13mm

PN	34247	34250
M/T	1/2-20 UNF	9/16-18 UNF
Length	54mm	54mm

Industrial Chuck

工业钻夹头

自 1902 年，发明了钻夹头后，捷可勃斯工业夹头，就被广泛用于各类钻孔机床及大中型工业级手持动力工具。1942年，捷可勃斯推出了全球第一款高精度滚珠轴承钻夹头--Supper Chuck® 超级夹头。由于其更为出色的精度表现而被金属加工工业所广泛应用。捷可勃斯工业夹头由此成为可靠，耐久，高精的代名词，在业界拥有广泛的美誉度。

捷可勃斯工业钻夹头涵盖了三大系列近 100 多品种，夹持范围从 4mm 到 25mm，配备有各类标准尾部连接孔的轻型、中型、重型、超重型夹头，满足全球大多数钻孔机床和车床的需求。

Plain Bearing 平面轴承夹头,包括0系, 1系, 2系, 3系, 7系, 32系, 33系, 34系, 36系, 40系等。

Supper Chuck® 滚珠轴承超级夹头。

SS 不锈钢有匙及无匙钻夹头。

In 1902, the first drill chuck in the world was born and became widely used in drilling machines. Then, Jacobs designed the Super Chuck® in 1942, the first precision ball-bearing industrial chuck. It brought high precision and close-tolerance drilling performance to a wide variety of industrial applications. Jacobs represents reliability, durability, high precision with a high reputation.

The Jacobs IND chucks covers 3 categories with almost 100 items. From 4mm up to 25mm capacities, multiple mounting options, light, medium and heavy duty chuck options, which meet various industrial applications.

PB category includes 0, 1, 2, 3, 7, 32, 33, 34, 36 and 40 series.

Super Chuck® category, Ball Bearing keyed chuck

SS category, stainless steel keyed and keyless chuck are all available.



Ball Bearing Keyed Chucks

产品特点/ Features

滚珠轴承设计 Ball Bearing Design

滚珠轴承可以提供最大的夹紧力和钻孔精度。

Ball bearing construction maximizes gripping force and drilling accuracy.

T 超级重载型应用设计 Super Heavy Duty

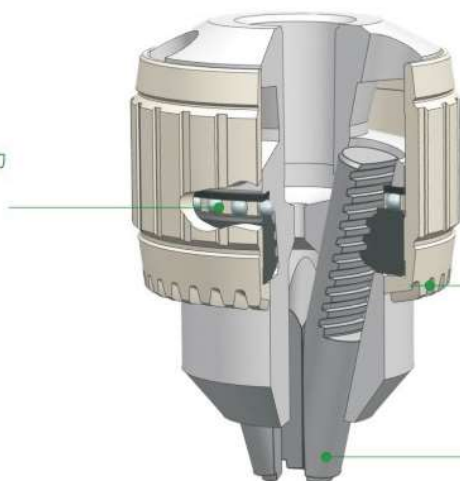
特别适用于重载型工业级钻孔作业

Especially design for Heavy Duty applications

- ◆ 内圆磨后的爪子能保证最佳的直线度和同心度。
Jaw Center-Grinding for absolute straightness and alignment
- ◆ 套筒上带齿的整体设计结构，消除了表面齿形列痕。
One-Piece sleeve eliminates crack between driving teeth often found in other design.
- ◆ 套筒齿部、头部及钥匙孔都经过硬化处理，从而提供出色的抗磨损能力。
Through-hardened sleeve teeth, plus hardened nose and keyholes provide outstanding wear resistance.
- ◆ 经典的条纹套筒外观设计。
Fluted sleeve standard.
- ◆ 每个夹头都经过100%的检测，以保证质量精度。
Each chuck 100% inspected for performance and precision.
- ◆ 同心度指标 Runout Spec:
T.I.R. 0.003" Maximum at half capacity.

滚珠轴承机构，提供最大的夹紧力和钻孔精度。

Ball bearing construction maximizes gripping force and drilling accuracy.



套筒上带齿的整体结构设计，消除了表面齿形列痕。

One-piece sleeve eliminates crack between driving teeth often found in other design.

内圆磨后的爪子能保证最佳的直线度和同心度。

Jaw Center-Grinding for absolute straightness and alignment.



P/N	Model No.	Individual Chuck P/N	Capacity Range(mm)		Mount/Taper	Key No.	Dimensions(mm)			Gross weight /gram
			Min.	Max.			Closed Length	Open Length	Sleeve Dia	
30209	8-1/2N	30210	0.7	6.5	2JT	K30	61.2	49.5	39.7	284
30215	11N	30216	0.7	10.0	2JT	K32	73.1	57.4	49.1	539
30221	14N	30222	0.7	13.0	3JT	K3	98.5	75.4	62.0	1077
30227	16N	30228	3.0	16.0	3JT	K4	109.5	82.8	66.9	1332
30233	18N	30234	3.0	19.0	4JT	K4	130.0	100.3	76.4	1871
30239	20N	30240	10.0	25.4	5JT	K5	139.7	107.4	92.6	2835

Plain Bearing Keyed Chucks

产品特点/ Features

- ◆ 内圆磨后的爪子能保证最佳的直线度和同心度。
Jaw Center-Grinding for absolute straightness and alignment.
- ◆ 每个夹头都经过100%的检测，以保证质量精度。
Each chuck 100% inspected for performance and precision.
- ◆ 同心度指标 Runout Spec:
T.I.R. 0.004" Maximum at half capacity.
- ◆ 套筒齿部、头部及钥匙孔都经过硬化处理，从而提供出色的抗耐磨损能力。
Through-hardened sleeve teeth, plus hardened nose and keyholes provide outstanding wear resistance.
- ◆ 套筒上带齿的整体设计结构，消除了表面齿形列痕。
One-Piece sleeve eliminates crack between driving teeth often found in other design.

Heavy Duty Model



P/N	Model No.	Individual Chuck P/N	Capacity Range(mm)		Mount/Taper	Key No.	Dimensions(mm)			Gross weight /gram
			Min.	Max.			Closed Length	Open Length	Sleeve Dia	
6251	7-1A	4983	1.0	6.5	1JT	K7	54.6	42.2	33.7	198
6255	7BA 3/8	4988	1.0	6.5	3/8-24	K7	56.6	44.2	33.7	198
8871	7BA 1/2	6132	1.0	6.5	1/2-20	K7	56.6	44.2	33.7	198
8859	32BA 1/2	6138	1.0	10.0	1/2-20	K32	79.8	58.7	45.5	397
6295	34-06	5044	1.0	13.0	6JT	K3	89.4	69.6	51.8	680
14442	34-02	14440	1.0	13.0	2JT	K3	90.7	69.6	51.8	652
14445	34-33	14443	1.0	13.0	33JT	K3	89.4	69.6	51.8	652
14451	34-33C	14449	1.0	13.0	33JT	K3C	94.2	74.4	50.7	737
6303	34 PD	5057	1.0	13.0	6JT	K3	94.2	74.4	51.9	709
6223	3A	4942	3.0	16.0	3JT	K3	96.8	72.9	58.4	907
6232	3B 5/8	4953	3.0	16.0	5/8-16	K3	97.0	72.1	58.3	907
33351	3B 1/2	33350	3.0	16.0	1/2-20	K3	96.8	72.1	58.3	907
6228	3 KD	4949	3.0	16.0	3JT	K3	103.1	79.2	58.3	936
6230	3 PD	4951	3.0	16.0	3JT	K3	103.1	79.2	58.3	936
6309	3B	5064	5.0	20.3	3JT	K4	103.1	79.7	64.5	1276
6316	36B 3/4	5073	5.0	20.3	3/4-16	K4	105.0	81.3	64.5	1304
6314	36B 5/8	5071	5.0	20.3	5/8-16	K4	105.0	81.3	64.5	1304
14862	36KD	13838	5.0	20.3	3JT	K4	107.9	86.9	64.5	1247
14866	36PD	14628	5.0	20.3	3JT	K4	107.9	86.9	64.5	1276

Medium Duty Model



P/N	Model No.	Individual Chuck P/N	Capacity Range(mm)		Mount/ Taper	Key No.	Dimensions(mm)			Gross weight /gram
			Min.	Max.			Closed Length	Open Length	Sleeve Dia	
6200	0	4900	0.3	4.0	0JT	K0	36.8	27.9	21.6	57
6204	0B 5/16	4909	0.3	4.0	5/16-24	K0	38.9	29.7	21.6	57
6206	1A	4912	1.0	6.5	1JT	K1	49.5	39.9	29.9	142
6208	1B 3/8	4919	1.0	6.5	3/8-24	K1	49.5	39.9	29.9	142
33615	1BA 5/16	33614	1.0	6.5	5/16-24	K1	50.0	39.9	29.9	142
6214	2A	4929	1.0	10.0	2JT	K2	71.4	55.1	42.6	369
6219	2BA 3/8	4938	1.0	10.0	3/8-24	K2	71.4	55.1	42.6	369
31696	2BA 1/2	31697	1.0	10.0	1/2-20	K2	71.6	55.4	42.6	367
33348	2-01	33347	1.0	10.0	1JT	K2	71.4	55.1	42.6	369
6279	33	5025	2.0	13.0	33JT	K32	81.5	64.0	45.5	454
6283	33BA 3/8	5032	2.0	13.0	3/8-24	K32	79.8	61.7	45.0	482
6287	33BA 1/2	5036	2.0	13.0	1/2-20	K32	79.8	61.7	45.0	438
32685	33BA 1/2DIN	32890	2.0	13.0	1/2-20	K32	79.8	61.7	42.8	391
6289	33BA 5/8	5038	2.0	13.0	5/8-16	K32	79.8	61.6	45.5	482
6291	3326A	5040	2.0	13.0	5/8-STR	K32	89.9	72.4	45.5	510
6281	33KD	5030	2.0	13.0	33JT	K32	87.9	70.1	45.5	482
-	33KDS	32563	2.0	13.0	0.5875-STR	K32	79.8	61.7	45.5	408

Light Duty Model



P/N	Model No.	Individual Chuck P/N	Capacity Range(mm)		Mount/Taper	Key No.	Dimensions(mm)			Gross weight /gram
			Min.	Max.			Closed Length	Open Length	Sleeve Dia	
32282	41BA 3/8	32249	1.0	10.0	3/8-24	K30	63.6	52.3	36.3	227
31090	41BA 1/2	32251	1.0	10.0	1/2-20	K30	63.6	52.3	36.3	208
31138	41BA 3/8 SM	32287	1.0	10.0	3/8-24	K30	63.6	52.3	36.3	227
14946	24BA 3/8	14569	1.6	13.0	3/8-24	KK	76.2	58.5	42.7	369
14947	26BA 1/2	13593	1.6	13.0	1/2-20	KK	76.2	58.5	43.6	369

Medical Stainless Steel Chucks

产品特点/ Features

- ◆ 可应用于手持式电钻或台式钻床等特殊应用场景，如医疗工具设备等。可应用于手持式电钻或台式钻床等特殊应用场景，如医疗工具设备等。
For special application on either portable tools or stationary machine tools, e.g., medical tools.
- ◆ 抗化学腐蚀。
Resist chemical corrosion.
- ◆ 降低潜在的可导致危险的火花产生降低潜在的可导致危险的火花产生
Reduce potential for hazardous sparking.
- ◆ 有效减少铁锈的产生，在无菌环境中，最大限度地降低被污染的风险。
Maximum to reduce the risk of ferrous pollution in a sterile environment.
- ◆ 最小夹持量0.7mm
Minimum capacity will hold a No. 70(0.028"/0.711mm) drill bit.
- ◆ 夹头尾孔链接，通用的Jacobs锥孔和螺纹可选。
Optional Jacobs Taper and thread mount for SS chucks.

5/32"(4mm) SS Keyed



P/N	Model No.	Individual Chuck P/N	Capacity Range(mm)		Mount/Taper	Key No.	Dimensions(mm)			Gross weight /gram
			Min.	Max.			Closed Length	Open Length	Sleeve Dia	
6624	0M	6601	0.7	4.0	0JT	K0M	36.8	27.9	21.6	57
6625	0M 5/16	6602	0.7	4.0	5/16-24	K0M	38.9	29.7	21.6	57

1/4"(6.5mm) SS Keyed



P/N	Model No.	Individual Chuck P/N	Capacity Range(mm)		Mount/Taper	Key No.	Dimensions(mm)			Gross weight /gram
			Min.	Max.			Closed Length	Open Length	Sleeve Dia	
6626	1M	6611	0.7	6.5	1JT	K1M	50.2	39.9	28.4	142
6627	1BM 5/16	6612	0.7	6.5	5/16-24	K1M	50.2	39.9	28.4	142
6628	1BM 3/8	6613	0.7	6.5	3/8-24	K1M	50.2	39.9	28.4	142
-	1M	34244	0.8	7.9	1JT	K1M	47.0	39.9	28.4	142
33619	1M	33602	1.0	8.1	1JT	K1M	47.0	39.9	28.4	142

Tools & Accessories

工具及配件

捷可勃斯为机床及动力工具提供相关周边配件和关键部件，用于不同环境下的不同运用，使得您的工具性能表现更稳定、更出色。

Jacobs® also provides tools, accessories and key components for machines and power tools in various applications. It ensures your tools has consistent good performance.



Self-Tightening Precision Keyless Chuck

产品特点/ Features

- ◆ 精度指标:
T.I.R. 0.0016" Maximum at half capacity (JKP, JKT, JK shank)
- ◆ 具有自紧功能, 运转过程中能自动提高夹紧力从而提高夹紧扭矩, 防止钻柄打滑。
Self-Tightening feature automatically increase gripping force proportional to increased torque to prevent tool shank slippage.
- ◆ 外露部件都经过硬化处理, 更好地保持夹头精度, 延长夹头寿命。
All components exposed to wear are completely hardened to maintain accuracy and extend chuck life.
- ◆ 多种型号及尾部连接可选, 广泛应用于各类精密钻床和加工中心, 以及其他一些工业用途。
Used on wide range of high accuracy drill presses, milling machines, CNC machine, and other industrial use.

High Precision Model Taper Mounted



P/N	Model No.	Capacity Range(mm)		Mount	Dimensions(mm)			Gross weight /gram
		Min.	Max.		Closed Length	Open Length	Sleeve Dia	
311210	JKP 65-J1	0.3	6.5	1JT	70.0	62.0	32.5	312
9679	JKP 80-J2S	0.3	8.0	2JTS*	74.0	67.0	37.0	397
9681	JKP 100-J2	0.5	10.0	2JT	89.0	81.0	41.0	624
9680	JKP 100-J33	0.5	10.0	33JT	89.0	81.0	41.0	624
9683	JKP 130-J2	1.0	13.0	2JT	99.0	88.0	46.0	936
9682D	JKP 130-J33	1.0	13.0	33JT	99.0	88.0	46.0	936
9684	JKP 130-J6	1.0	13.0	6JT	99.0	88.0	46.0	936
9685D	JKP 160-J6	3.0	16.0	6JT	107.0	95.0	55.0	1276

High Torque/High Precision Model



P/N	Model No.	Capacity Range(mm)		Mount	Dimensions(mm)			Gross weight /gram
		Min.	Max.		Closed Length	Open Length	Sleeve Dia	
311220	JKT 65-J1	0.0	6.5	1JT	70.0	62.0	32.5	312
30527	JKT 130-J2	1.0	13.0	2JT	99.0	88.0	46.0	936
30528	JKT 130-J33	1.0	13.0	33JT	99.0	88.0	46.0	936
30529	JKT 130-J6	1.0	13.0	6JT	99.0	88.0	46.0	936
30530D	JKT 160-J6	3.0	16.0	6JT	107.0	95.0	55.0	1276

Medium Duty Industrial Keyless



P/N	Model No.	Capacity Range(mm)		Mount	Dimensions(mm)			Gross weight /gram
		Min.	Max.		Closed Length	Open Length	Sleeve Dia	
33363D	JK 130 1/2	1.0	13.0	1/2-20	95.0	86.0	44.0	624
33364	JK 130 J33	1.0	13.0	33JT	95.0	86.0	44.0	624
33365	JK 130 J2	1.0	13.0	2JT	95.0	86.0	44.0	624
33366	JK 130 J6	1.0	13.0	6JT	95.0	86.0	44.0	624

High Torque/High Precision Keyless Chucks With Integrated Shank



P/N	Model No.	Capacity Range(mm)		Mount	Dimensions(mm)			Gross weight /gram
		Min.	Max.		Closed Length	Open Length	Sleeve Dia	
31407D	JK 100-MT2	0.0	10.0	MT2	82.0	73.0	43.0	1021
31408D	JK 130-MT2	1.0	13.0	MT2	92.0	80.0	48.0	1191
31409	JK 130-MT3	1.0	13.0	MT3	92.0	80.0	48.0	1332
31410	JK 130-MT4	1.0	13.0	MT4	90.0	82.0	48.0	1588
31411	JK 130-R8	1.0	13.0	R8	90.0	82.0	48.0	1588
31414	JK 160-MT3	3.0	16.0	MT3	96.0	85.0	54.0	1729
31415	JK 160-MT4	3.0	16.0	MT4	96.0	85.0	54.0	1985
31416	JK 160-R8	3.0	16.0	R8	96.0	85.0	54.0	1786

产品特点/ Features

- ◆ 使用特殊定制材料，创新性的热处理工艺，卓越的机械结构设计。
The customized material and innovative heat treatment, with excellent mechanics design.
- ◆ Jacobs 三件套驱动系统组件，提供较市场同类产品更优秀的打击寿命及打击效率性能
Compared with the market products, Jacobs 3-1 drive system unit provides an excellent performance on lifecycle and impact efficiency.
- ◆ Jacobs 三件套驱动系统组件，适用于高扭矩电动扳手，特别是超1,000 N.m. 以上广泛应用于大型户外设备安装，铁路，桥梁及风能等极端使用场景的电动扳手，能够提升扳手打击寿命，优化打击效率及支持最大拧紧扭力提升。
Jacobs 3-1 drive system unit helps to improve the lifecycle performance and support the max fastening torque upgrading, especially on the high torque Impact Wrench with over 1,000 N.m. which is widely used for the extremely work scenarios, including large outdoor equipment installation, railway, bridge construction and wind power industry, etc.

输出轴
Anvil打击块
Hammer中间轴
Cam Shaft

High Torque Impact Units Set



Drive Size	Max Fastening Torque (Nm)	Anvil Type Options
1/2"	800	Friction Ring, Pin Detent
1/2"	1000	Friction Ring, Pin Detent
1/2"	1350	Friction Ring, Pin Detent
1/2"	1600	Friction Ring, Pin Detent
1/2" Extend	1000	Friction Ring, Pin Detent
1/2" Extend	1350	Friction Ring, Pin Detent

Drive Size	Max Fastening Torque (Nm)	Anvil Type Options
3/4"	1350	Friction Ring, Pin Detent
3/4"	1500	Friction Ring, Pin Detent

Drive Size	Max Fastening Torque (Nm)	Anvil Type Options
1"	2000	Friction Ring, Pin Detent

Tools & Accessories

Industrial Fastening Tools- Bits

INDUSTRIAL-GRADE MATERIALS

- 精密加工
High Precision
- 使用可靠
Reliable
- 经久耐用
Durable

高等级合金钢材，提高使用寿命
High grade alloy steel for improved tool life

先进的真空热处理，提高产品一致性和强度，防止变形
Vacuum heat treatment process for improved consistency and strength, prevent deformation,



先进的工程规范以控制更为严苛的公差
Advanced engineering specifications lead to tighter tolerances

精密加工保证工具可靠运行
Precision Machined tools run true

刀头适配精密程度优于工业标准，延长工具及紧固件使用寿命
Precision fit exceeds industry standards for extended tool and fastener life.

Insert Bits

Model	Drive Hex Size	Drive Style	Optional Feature
440-	1/4"	Philips 1, 2, 3, 4	ACR
480-	5/16"	Philips 1, 2, 3, 5	ACR
445-	1/4"	Slotted	N/A
485-	5/16"	Slotted	N/A
440-TX / IPX	1/4"	Torx / Torx Plus	N/A
480-TX / IPX	5/16"	Torx / Torx Plus	N/A
440-PZDX	1/4"	POZIDRIV 1, 2, 3, 4	N/A
185-	1/4"	Socket Head(Hex)	SAE, Metric
315-	5/16"	Socket Head(Hex)	SAE, Metric
212	1/4", 5/16"	Torq-Set	ACR
TWD, TWE	1/4", 5/16"	TRI-WING	ACR

Power Drive Bits

Model	Drive Hex Size	Drive Style	Optional Feature
491, 492, 493, 494	1/4"	Philips 1, 2, 3, 4	ACR
482, 483, 484	7/16"	Philips 2, 3, 4	N/A
320, 326, 323, 327, 324, 325, 328	1/4"	Slotted	N/A
635-	5/16"	Slotted	N/A
49-TX, [IPX]	1/4"	Torx [Plus]	N/A
48-TX	7/16"	Torx	N/A
491/492/493/494-PZDX	1/4"	POZIDRIV 1, 2, 3	N/A
AM	1/4"	Hex	SAE, Metric
AN	7/16"	Hex	SAE, Metric
170, 273, 265	1/4", 5/16", 7/16", 5/8"	Torq-Set	ACR
TW, TWA	1/4", 5/16", 7/16"	TRI-WING	ACR
490 Bit Holder	1/4"	1/4" Hex	Magnetic

Electronical Torque Wrench

- 简约流畅设计，使用便捷，便于收纳
Low Profile Design for storage and access
- 3种提示，声、光、震动
3 Stage Alerts, Light, Feel, Sound
- 左右手屏幕可翻转
Reversible Screen for Right and left Hand
- 角度测量精度1%
Angle Measure Accuracy
- 10万次精度寿命周期
100,000 life cycle accuracy

一体式LED显示屏，中英两种语言可选，三种计量单位选择
LCD screen, EN and CH languages
3 torque measurement units in ft-lb, in-lb and Nm



可拆卸式亲肤软胶柄
Molded handle overlay

实时扭矩三色流水灯
360 Visible Light bars with progressive torque indication

杆体整体精工抛光
Full polished tube

120XP

双层60齿棘轮机构
120 positions, 3 degree ratcheting arc



P/N	Model No.	Drive Head	Torque Range (Nm)	Length (mm)	Gross Weight (gram)
669901	1/4 ETW 25	1/4"	5 - 25	375	791
669902	3/8 ETW 100	3/8"	20 - 100	379	858
669904	1/2 ETW 340	1/2"	68 - 340	702	1622

P/N	Model No.	Drive Head	Torque Range (Nm)	Length (mm)	Gross Weight (gram)
85194	T1/4 ETW 27	1/4"	5.4-27	398	735
85195	T3/8 ETW 135	3/8"	27-135	418	765
85196	T1/2 ETW 340	1/2"	68-340	735	1410



Tools & Accessories

Morse Taper- Jacobs
Taper Arbor

P/N	Model No.	Mount/Taper	Overall Length (mm)	Gross Weight (gram)
7299 *	A0101	1 Morse x 1JT	86	52
7300N	A0102	1 Morse x 2JT	91	52
7303 *	A0106	1 Morse x 6JT	94	104
7304 *	A0133	1 Morse x 33JT	94	78
7306N	A0201	2 Morse x 1JT	100	104
7307N	A0202	2 Morse x 2JT	106	130
7308DN	A0203	2 Morse x 3JT	114	182
7309N	A0204	2 Morse x 4JT	125	312
7311N	A0206	2 Morse x 6JT	109	130
7312N	A0233	2 Morse x 33JT	109	130
7313 *	A0301	3 Morse x 1JT	119	260
7314N	A0302	3 Morse x 2JT	125	260
7315N	A0303	3 Morse x 3JT	134	312

P/N	Model No.	Mount/Taper	Overall Length (mm)	Gross Weight (gram)
7316DN	A0304	3 Morse x 4JT	145	442
7317N	A0305	3 Morse x 5JT	151	598
7318N	A0306	3 Morse x 6JT	129	286
7319DN	A0333	3 Morse x 33JT	129	286
7320N	A0402	4 Morse x 2JT	150	546
7321N	A0403	4 Morse x 3JT	159	598
7322DN	A0404	4 Morse x 4JT	170	780
7323DN	A0405	4 Morse x 5JT	176	910
7324DN	A0406	4 Morse x 6JT	153	546
7325DN	A0433	4 Morse x 33JT	154	572
7327N	A0503	5 Morse x 3JT	191	1378
7328DN	A0504	5 Morse x 4JT	202	1508
7329N	A0505	5 Morse x 5JT	207	1690

Straight Shank to
Jacobs Taper Arbor

P/N	Model No.	Mount/Taper	Overall Length (mm)	Gross Weight (gram)
7348DN	A4000	1/2" X 0JT	79	57
7349N	A4001	1/2" X 1JT	84	57
7350N	A4002	1/2" X 2JT	90	57
7351N	A4003	1/2" X 3JT	98	113
7353N	A4006	1/2" X 6JT	93	113
7354DN	A4033	1/2" X 33JT	93	113
7355	A4101	5/8" X 1JT	84	113
7356N	A4102	5/8" X 2JT	90	142
7357N	A4103	5/8" X 3JT	98	170
7359N	A4106	5/8" X 6JT	93	142

P/N	Model No.	Mount/Taper	Overall Length (mm)	Gross Weight (gram)
7357N	A4103	5/8" X 3JT	98	170.1
7359N	A4106	5/8" X 6JT	93	141.75
7360DN	A4133	5/8" X 33JT	94	104
7361N	A4202	3/4" X 2JT	94	78
7362N	A4203	3/4" X 3JT	100	104
7364DN	A4206	3/4" X 6JT	106	130
7365N	A4233	3/4" X 33JT	114	182
7367N	A4303	1" X 3JT	125	312
7368N	A4306	1" X 6JT	109	130

Bridgeport Taper To
Jacobs Taper Arbor

P/N	Model No.	Mount/Taper	Overall Length (mm)	Gross Weight (gram)
7339N	A0802	R8 to 2JT	132	454
7340DN	A0803	R8 to 3JT	141	482
7341N	A0804	R8 to 4JT	152	482
7342DN	A0806	R8 to 6JT	135	454
7343N	A0833	R8 to 33JT	135	454

Thread Shank To
Morse Taper Arbor

P/N	Model No.	Mount/Taper	Overall Length (mm)	Gross Weight (gram)
7345DN	A0261	2 Morse x 3/8-24	94	113
7346DN	A0264	2 Morse x 1/2-20	103	142
7347DN	A0268	2 Morse x 5/8-16	106	142

Tools & Accessories

Drill Sleeves - Morse Taper - Archer® 600



P/N	Model No.	Morse Taper No. Outside x Inside	Overall Length (mm)	Gross Weight (gram)
30422DN	621	2 x 1	92	57
30423DN	632	3 x 2	111	142
30424N	631	3 x 1	99	170
30425DN	643	4 x 3	140	369
30426DN	642	4 x 2	124	397
30427DN	641	4 x 1	124	482
30428DN	654	5 x 4	170	992
30428DN	653	5 x 3	155	1162
30430DN	652	5 x 2	155	1304
30639N	664	6 x 4	217	2495
30431DN	665	6 x 5	217	2552

Extension Sockets - Morse taper - Archer® 800



P/N	Model No.	Morse Taper No. Outside x Inside	Overall Length (mm)	Gross Weight (gram)
30446N	822	2 x 2	175	454
30447DN	823	2 x 3	196	680
30449DN	832	3 x 2	194	652
30450DN	833	3 x 3	215	851
30451DN	834	3 x 4	240	1559
30452N	843	4 x 3	240	1191
30453DN	844	4 x 4	265	1843
30454N	845	4 x 5	300	2155
30455DN	854	5 x 4	300	2892
30456N	855	5 x 5	335	2155

Ejecting Drifts



P/N	Model No.	Morse Taper No.	Gross Weight (gram)
30485N	902	1 & 2 Morse Taper	85
30486N	903	3 & 4 Morse Taper	170
30487DN	904	4 & 5 Morse Taper	340
30488DN	906	6 Morse Taper	595

Jacobs Rubber-Flex® Collets

Lathe Chuck Collets



P/N	Model No.	Capacity Range(mm)		Contact Length (mm)	Cone Angle (degree)	Outside DIA (mm)	No. of Inserts
		Min.	Max.				
9555D	J910	1.5	3.2	44.5	26°	57.0	4
9556D	J911	3.2	6.4	44.5	26°	57.0	6
9557DD	J912	6.4	9.5	44.5	26°	57.0	6
9558D	J913	9.5	12.7	44.5	26°	57.0	8
9559D	J914	12.7	15.9	44.5	26°	57.0	10
9560D	J915	15.9	19.1	44.5	26°	57.0	10
9561	J916	19.1	22.2	44.5	26°	57.0	12
9563	J918	25.4	28.6	44.5	26°	57.0	20
9564	J919	28.6	31.8	44.5	26°	57.0	24
9565D	J920	31.8	34.9	44.5	26°	57.0	24
9567	J921	34.9	38.1	44.5	26°	57.0	24

Tap Chuck Collets



P/N	Model No.	Capacity Range(mm)		Contact Length (mm)	Cone Angle (degree)	Outside DIA (mm)	No. of Inserts
		Min.	Max.				
9747	J420	4.5	8.1	12.7	40°	23.9	6
9748	J421	3.5	6.5	12.7	40°	23.9	6
9751	J422	6.4	9.7	12.7	40°	23.9	6
9817	J423	2.3	4.6	12.7	40°	21.8	4
9749	J440	7.1	12.7	16.0	45°	32.9	6
9750D	J441	4.5	9.7	16.0	45°	32.9	6

Die Grinder Collets



P/N	Model No.	Capacity Range(mm)		Contact Length (mm)	Cone Angle (degree)	Outside DIA (mm)	No. of Inserts
		Min.	Max.				
B31069(9757)	J116	2.4	4.5	11.9	26°	15.1	6
B31070(9758)	J117	4.5	6.5	11.9	26°	15.1	8



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