

# Chicago Pneumatic Construction Tools



**Rock Drills, Rotary Hammers, Sinker Drills**

**Built to last**

# Rock Drills, Rotary Hammers

## Key features

The CP range of compact and lightweight plughole drills includes tools capable of drilling holes from 8 up to 44 mm and for use in light chipping applications. The CP 0009 is the "mother" of small rotary drills. It must be one of the most copied air tools available on the market because no other

design could match such a performance for such a small, easy-to-use drill. This is a key product that has made Chicago Pneumatic the leading brand of air tools in the US. For applications where more power is needed, the CP 0014 would be the tool to use.

### CP 0009 Rotary Hammers



**CP 0014**  
Rotation release button



**CP 0009**  
Quick change retainer



**CP 0014**  
Spring retainer



**CP 0009 A**



**CP 0009 CS**

- Excellent power-to-weight ratio to drill holes more easily and faster than with comparable electric rotary hammers.
- Quick-release retainer for changing the drills simply and quickly to suit all different types of drilling and chipping applications
- Built-in oiler provides continuous lubrication
- Teasing throttle for precise control.
- Low air consumption.
- A and F versions feature a rotation release button, converting the machine from a drill to a chipper.
- AC and CS versions can be converted from a drill to a chipper by changing the tool.
- Cushioned piston for smooth operation and longer machine life.
- Muffler available to reduce noise
- Right-hand rotation
- Equipped with a SDS adaptor CP 0009 can be used with electric hammer drill bits
- The CP 0009 is being used for drilling holes from 8 to 25 mm in diameter, and up to 300 mm in depth. However, above 25mm in diameter, we recommend first performing a test to prevent excessive wear.
- Small, easy to handle

### CP 0014 Rotary Hammers



**CP 0014 RRBS**

- High power-to-weight ratio.
- Six-spline piston provides ample load-bearing surfaces for long life.
- Cushioned piston for smooth operation, long life.
- Spring retainer.
- "D" handle with outside trigger.
- Integral, large-capacity oil chamber in the handle provides continuous lubrication.
- Teasing throttle for precise control.
- Muffler available to reduce noise.
- Right-hand rotation.



# CP 0009 and CP 0014 Applications



## CP 0009 Rotary Hammers

The versatile CP 0009 rotary hammers are ideal machines for a wide variety of building construction and maintenance applications such as:

- Drilling, chipping or chasing in concrete walls.
- Roof drilling for the suspension of ventilation ducts in buildings, mines, tunnels etc.
- Drilling holes in plaques, monuments, tombstones, etc., for the insertion of plugs, studs etc.
- As a hammer, these tools can be used for chipping, scarifying, scaling and cleaning welds.
- Drilling holes and chipping in the heating, water and sanitation industries, and in electrical installations.

## CP 0014 Rotary Hammers

Ideal for drilling operations which are above the capacity of CP 0009 and where a full size rock drill would be unwieldy, the CP 0014 is the ideal tool. As a rock drill with a normal depth rating of up to 0.6 m /2 ft. (more in favourable circumstances), it can be used for:

- Bolting applications such as Rawlbolts and foundation bolting.
- Quarry pop shots.
- Foundation bolts
- Plugging
- Demolition shots and sign-hanging.
- Drilling in concrete, granite, limestone, brick work.
- As a hammer it will chip concrete, cut chases enlarge cavities, trim brick faces and scabble surfaces.

Model	Length	Air consumption	Retainer Type	Rotation Speed	Blows per minute	Drill rate *	Max drilling diameter**	Max drilling depth**
	mm	l/s		rpm	BPM	mm/min	mm	mm
CP 0009	375	9	Quick-change retainer	189	3400	100	25	450
CP14RR	472	18	spring	165	2500	125	44	650

\* Drilling Rate in Hard Rock /Concrete – drill diameter 31 mm (use as guide only), \*\* Depending on ground condition

Model	Chuck size	Weight	Air inlet	Muffler	Rotation release	Part number
	mm	kg		incl.		
CP 0009 A	19 Rnd. x 95	3,6	3/8" NPTF	No	Yes	T022083
CP 0009 AC	19 Rnd. x 95	3,6	3/8" NPTF	No	No	Z0027413
CP 0009 F	Spline	3,6	3/8" NPTF	No	Yes	T022511
CP 0009 CS	19 Rnd. x 95	4	3/8" BSP	Yes	No	T022322
CP 0009 ES	19 Rnd. x 14.7Hex. x 89	4	3/8" BSP	Yes	No	T022330
CP14RR	22 Hex. x 82	7	3/8" NPTF	No	Yes	T022173
CP14RRBS	22 Hex. x 82	7	3/8" BSP	Yes	Yes	T022321

# Rock Drills, Sinker Drills

## Key features

Chicago Pneumatic Rock Drills are the ideal tools for all "hand-held" drilling operations. CP rock drills have streamlined design and low air consumption, which are very much appreciated. Smooth contours, side exhausts and "flat back" make them easy to handle. High performance, robustness and low

maintenance costs are essential for stone mining. CP design includes a higher quality valve and cylinder-porting concept that helps maintain constant drilling speed throughout a long service life. Working parts are constantly protected with an effective lubrication system.



Comfort handles



Air inlet swivel improves manoeuvrability

### CP 0022



CP 0022

### CP 0032 – CP 0069



CP 0032

CP 0069  
– Same features as CP 0032 but even more powerful!

- Spring retainer to keep weight to a minimum.
- Lightweight and powerful
- Low air consumption
- Combined blower and throttle lever for easy control.

#### Options:

- Vibration-reduced handle
- Noise-reducing muffler

- Tough latch retainer provides extra support to collar and reduces wear
- Blower lever for deep hole cleaning
- Integral oiler provides continuous lubrication.
- Efficient lubrication.
- Graduated ratchet throttle control ensures accuracy in collaring holes.
- High-speed drilling.
- Low maintenance.

#### Options:

- Comfort handles
- Noise-reducing muffler
- Wet drilling

Model	Length	Air consumption	Retainer Type	Rotation Speed	Blows per minute	Drill rate *	Max drilling diameter**	Max drilling depth**
	mm	l/s		rpm	BPM	mm/min	mm	m
CP 0022	505	25	Spring	232	2200	15	43	2,4
CP 0032	584	48	Latch	180	2200	23	50	3
CP 0069	597	61	Latch	210	1900	26	62	6

\* Drilling Rate in Hard Rock /Concrete – drill diameter 31 mm (use as guide only), \*\* Depending on ground condition

Model	Chuck size	Weight	Air inlet	Muffler	Part number
	mm	kg			
CP 0022	22 Hex. x 82	13	1/2" Swivel	–	T022114
CP 0022	22 Hex. x 108	13	1/2" Swivel	–	T025080
CP 0032	22 Hex. x 82	25	3/4" Swivel	Option	T022318
CP 0032	22 Hex. x 108	25	3/4" Swivel	Option	T022117
CP 0032 SILENCED	22 Hex. x 108	25,5	3/4" Swivel	Standard	T025431
CP 0032	25 Hex. x 108	25	3/4" Swivel	Option	T022319
CP 0069	22 Hex. x 108	27	3/4" Swivel	Option	T006661
CP 0069 WET	22 Hex. x 108	27	3/4" Swivel	Option	T025423
CP 0069	25 Hex. x 108	27	3/4" Swivel	Option	T022259

# CP 0022, 0032 and 0069 Applications



## CP 0022 – “Small sinker”

The CP 0022 gives a combination of light weight and power which makes it an ideal general purpose drill for:

- works maintenance
- public utilities
- drilling from scaffolding

It is particularly useful where the air supply is limited and where light weight is a critical factor.

## CP 0032 – “medium sinker”

The CP 0032 is a top performer in its class. This machine is ideal for:

- Blast hole drilling.
- Excavations work
- Shafts
- Quarry drilling
- Bench mining.
- Road constructions.

The CP 32 is by far the number one choice for utility companies in the US, because of its smooth design and high performance for only 25Kg and 48 l/s of air consumption.

The CP 32 is used in the toughest quarries around the world.

## CP 0069 – “Heavy sinker”

The CP 0069 is a heavier duty machine for all rock conditions and where penetration speed is of great importance. It is hard hitting and combines high drilling speed with excellent hole cleaning ability. Typical applications:

- Blast hole drilling.
- Excavations work
- Shafts
- Quarry drilling
- Bench mining.
- Road constructions

The additional weight of the CP 0069 helps keep the bit on the bottom while drilling, thus demanding less from operator. For hand drilling of larger and deeper holes, choose the CP 0069.

## CP 32 and CP 69 for wet drilling

Both the CP 32 & 69 can be used for wet drilling. They both have a heat-treated cylinder with a replaceable cylinder liner of steel. Flushing is ducted through two concentric tubes, the outer one for air and the inner one for water. This means that flushing air is provided as soon as the compressed air is switched on. The design prevents water from entering the percussion mechanism of the rock drill.

The CP 32 & 69 WET are the same as the standard dry machines, except that they have additional inlet water port and flushing tube inside. All machines are equipped with a 20 mm (3/4”) connection for air and a 12.5 mm (1/2”) connection for water. Standard CP 32 & 69 can be converted for wet drilling.

Conversion kits: **CP 0032** = R 147457

**CP 0069** = Z 6544438



Muffer



Latch retainer

# Steel and Accessories

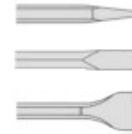
## CP 0009 A, AC, CS

Shank: Hex 22 x 82.5 mm



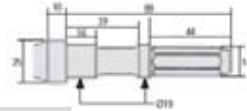
Description	Drill size	Drill depth	Part number
	mm	mm	
Drill steel	13	200	3083 4150 00
Drill steel	13	265	3083 4150 10
Drill steel	16	200	3083 4151 00
Drill steel	16	300	3083 4151 10
Drill steel	16	450	3083 4151 20
Drill steel	19	200	3083 4152 00
Drill steel	19	300	3083 4152 10
Drill steel	19	450	3083 4152 20
Drill steel	22	200	3083 4153 00
Drill steel	22	300	3083 4153 10
Drill steel	22	450	3083 4153 20
Drill steel	25	200	3083 4154 00
Drill steel	25	300	3083 4154 10
Drill steel	25	450	3083 4154 20

Description	Blade size	Length overall	Part number
	mm	mm	
Moil point		255	3083 4160 00
Narrow chisel	22	255	3083 4161 00
Scaling chisel	75	255	3083 4165 00



## CP 0009 ES

Shank: R 19 – H 14.7 x 89 mm



Description	Drill size	Drill depth	Part number
	mm	mm	
Drill steel	16	150	0700 1416 32
Drill steel	19	230	0700 2019 32
Drill steel	22	230	0700 2022 32
Drill steel	25	230	0700 2025 32

## CP 0014, CP 0022

Shank: Hex 22 x 82.5 mm



Bit diameter	Length	Part number
mm	mm	
41	600	715-0641,05-02
40	800	715-0840,05-02
40	1200	715-1240,05-02
39	1600	715-1639,05-02

## CP 0022, CP 0032, CP 0069

Shank: Hex 22 x 108 mm



Bit diameter	Length	Part number
mm	mm	
32	400	714-0432,05-02
35	400	714-0435,05-02
38	800	714-0838,05-02

## Water separator

Air inlet/outlet thread is BSP 3/4". The separator is delivered without couplings. Part no. 8900 0050 00

Suitable claw couplings (external thread) are: BSP 3/4" or G 3/4" A European type claw couplings.



## Lubricator 43, Lubricator 1300

For both mineral and synthetic oils

Part no. 8900 0050 03 – US type claw couplings (43 oz.)

Part no. 8900 0050 02 – European type claw couplings (1300 ml)



## Vibration reducing glove

Extra large XL 9800 0070 01

Extra extra large XXL 9800 0098 01

Polar Gard, for cold climate, L 9800 0290 01

Polar Gard, for cold climate, XL 9800 0291 01



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### **Over 100 years of experience**

Chicago Pneumatic Tool Company has been designing, manufacturing and selling pneumatic tools since 1901. Today we offer a wide range of products including pneumatic and hydraulic breakers, clay diggers, picks and busters, scabblers, rock drills, rotary and chipping hammers, sump and sludge pumps, and a whole lot more. Having started up in the city that shares our name, Chicago Pneumatic is now a global company, with sales organizations around the world.

For more detailed information and copy of CP complete catalogue, please contact:

