

Hammers

Simple Valve Chipping Hammers - with Air "Lockout" Mechanism and Vibration Isolation

Chicago
Pneumatic

CP-4121

Applications: The CP-4121 Series Chipping Hammers are powerful tools with significantly reduced vibration levels. This heavy-duty tool is designed for rugged use in foundries, shipyards, refineries, fabrication shops and construction applications. Available in 1" through 4" stroke in both round and hex chisel configurations to offer the power necessary for a variety of uses from light and medium chipping and trimming through heavy-duty cutting and chipping.

Tools Renewed Inc
Tel: 800-247-3639
Fax: 865-665-9821
Email: sales@toolsrenewed.com



CP-4121-3-R

Features

- Patented vibration isolation system - reduces both high and low frequency vibration transmitted to the operator, without compromising total performance; is effective over a wide range of operator applied force; has minimal effect on tool length and weight
- Unique air "lockout" mechanism patented by CP - automatically stops air flow to the tool if retainer is loosened or removed; helps prevent chisel from being accidentally ejected; tool remains disarmed until retainer is correctly replaced
- Screw-on retainer - provides a positive lock of chisel to tool; retainer acts as integral part of the "lockout" mechanism
- Inside trigger - provides protection from external damage; permits a solid comfortable grip
- Ergonomic closed grip "D" handle - locates operator's handle in-line with chisel for maximum effectiveness and operator comfort
- New Teasing throttle design - provides "ring valve" control
- Forward entry air-inlet - improves tool balance and reduces pulsating air effect felt by the operator; built-in air inlet screen keeps out foreign objects
- Redesigned simple valve - gives smooth powerful operation, which results in low maintenance; is easy to service
- Moveable deflector - allows exhaust air to be directed away from operator
- Hardened steel piston and cylinder, aluminum handle - reduce tool weight and maintenance; extend tool life
- Choice of 1", 2", 3" and 4" stroke lengths - allows operator to match tool to job requirements
- Choice of round and hex bushings - match tool to chisel style

All Models: Closed grip handle with self-closing inside trigger; 1/2" (NPTF) air inlet thread; air consumption at 90 psi, 23-27 cfm.

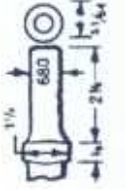
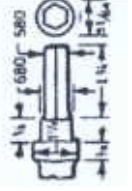
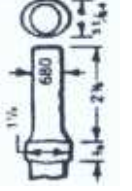
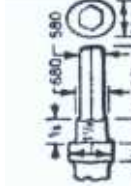
Catalog Number	Part Number	Bore and Stroke mm (in.)	Blows per Minute	Chisel Bushing mm (in.)	Overall Length* mm (in.)	Net Weight kg (lb.)
SIMPLATE VALVE						
CP-4121-1-R	T023901	28.6 x 25.4 (1 1/8 x 1)	2820	17.3 (.680) Round	438 (17 1/4)	7.5 (16 1/2)
CP-4121-1-H	T024124	28.6 x 25.4 (1 1/8 x 1)	2820	14.7 (.580) Hex.	438 (17 1/4)	7.5 (16 1/2)
CP-4121-2-R	T023902	28.6 x 51 (1 1/8 x 2)	2400	17.3 (.680) Round	464 (18 1/4)	8.0 (17 1/2)
CP-4121-2-H	T024125	28.6 x 51 (1 1/8 x 2)	2400	14.7 (.580) Hex.	464 (18 1/4)	8.0 (17 1/2)
CP-4121-3-R	T023903	28.6 x 76 (1 1/8 x 3)	1920	17.3 (.680) Round	514 (20 1/4)	8.6 (19)
CP-4121-3-H	T024126	28.6 x 76 (1 1/8 x 3)	1920	14.7 (.580) Hex.	514 (20 1/4)	8.6 (19)
CP-4121-4-R	T023904	28.6 x 102 (1 1/8 x 4)	1500	17.3 (.680) Round	546 (21 1/2)	9.1 (20)
CP-4121-4-H	T024127	28.6 x 102 (1 1/8 x 4)	1500	14.7 (.580) Hex.	546 (21 1/2)	9.1 (20)

Standard Equipment:

"R" Versions: Heavy Duty Retainer, Oval Collar Steel, P144441

"H" Versions: Heavy Duty Retainer, Oval Collar Steel, P145545

Shanks for CP-4121, CP-4123, CP-4125, CP-4127, CP-4129

	Overall Length mm (in.)	Part Number			
		For Tools with Retainer			
		680 Round (Round Collar)	.580 Hex (Round Collar)	.680 Round (Oval Collar)	.580 Hex (Oval Collar)
Style Chisel (See point illustrations below)					
Chisel Blanks	203 (8) 305 (12)	- -	- -	P092292 P092293	P092296 P099297
Flat Chisels	229 (9) 305 (12) 457 (18)	P144271 P144272 -	P144273 P144274 -	P092294 P092295 P137854	P092298 P092299 -
Moil Point	229 (9) 305 (12)	P144267 P144268	P144269 P144270	P092882 P092883 P071572	P098851 -
Cape	229 (9)	-	-	P071553	P106110
Round Nose	229 (9)	-	-	P071555	P106111
Diamond Point	229 (9)	-	-	P071554	P106112
Caulking	229 (9)	-	-	-	P106113
Bushing Tool - 16 pt., 1 3/4" Sq.	229 (9)	-	-	P138140	-



Retainers for CP-4123 & CP-4125



Economy-type Retainer
P107243



Quick Change Retainer
P114062



A.T. Lug-type Retainer
P092869



Ball-type Safety Retainer
P137735

Muffler Assembly for CP-4123 and CP-4125

Muffler P-125052

Retainers for CP-4121 & CP-4127



Oval Collar "H" Version
P145545



Oval Collar "R" Version
P144441



Round Collar
"R" or "H" Version
P144137

Hose Swivels for CP-4123 & CP-4125

Title	Part No.
7/8" -24 Inlet Thread with 1/2" hose barb	P137070
7/8"-24 Inlet Thread with 3/8" male pipe thread	P137071
1/2" (12.5mm) (NPTF) Air Inlet Thread with 1/2" (12.5mm) hose barb	P137072

Retainer Springs for CP-4123 & CP-4125

Title	Part No.
Polyurethane	P135246
Wire Spring	P070994
Heavy Duty Wire	P139189