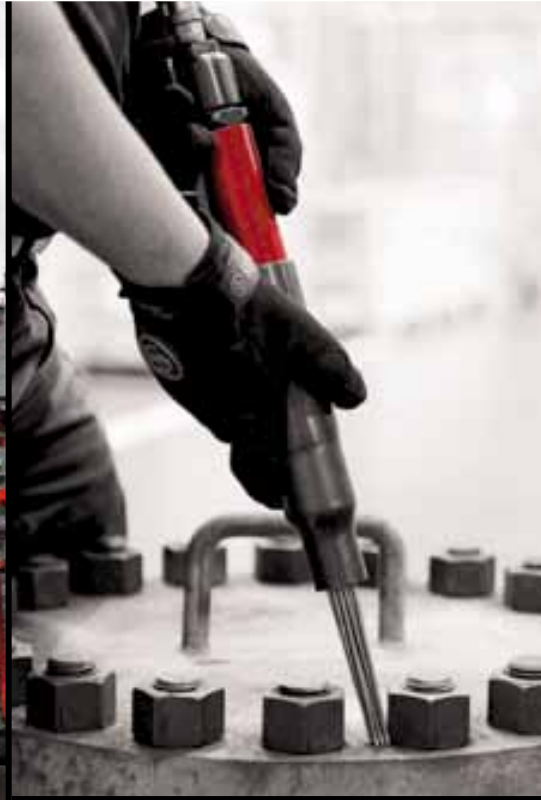




Chicago Pneumatic



IndustrialTools

People. Passion. Performance.

CP Industrial Tools - Key Market segments

ENERGY



Oil & Gas



Petrochemical



Mining



Power Generation

METAL TRANSFORMATION



Foundries



Metal Working



Construction



Heavy Production

MANUFACTURING



Shipyards



Rolling Stock



Wood & Composite



Medium Industries

Contents



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Markets / Tool selection
Applications / Accessories



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Screwdrivers

Markets / Tool selection
Applications / Accessories



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Grinders

Markets / Tool selection
Applications / Accessories



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Sanders

Markets
Applications / Accessories



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Drills

Markets / Tool selection
Applications / Accessories



64



Percussive tools

Markets
Applications / Accessories



70



Air Line Network

Hoses / Couplings / Lubrication
Balancers / Compressors



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QR CODES



CP now enhances additional user interaction in their catalogs. On most pages, QR codes let you extend your reading and get more information about our products in seconds. Flash them with your smartphone and enjoy!

Safety Instructions

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Global centers of Excellence

Today, licensed Chicago Pneumatic distributors can be found in almost every country of the world, and supply end-users with an ever-increasing range of industrial construction tools and compressors.

Since 1901 the Chicago Pneumatic name has represented high-performance tools and equipment designed for **an extensive range of industrial applications.**

Close to customers

Our tools, compressors and equipment have helped build many of America's landmarks, and today you'll find us anywhere you operate, with **local customer centers and distributors around the world.**

Chicago Pneumatic Tools

West Europe

France
Italy
Iberia
UK
Nordic

North America

USA
Canada
Mexico

Eastern Med.

Middle East
Turkey

Latin America

Brazil
Argentina & SA Countries

South Africa

Please find your local contact at

www.cp.com

Decades of innovation

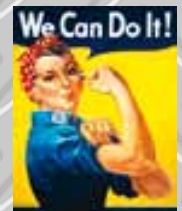
Meeting specific needs in a wide range of industries has led to ground-breaking Chicago Pneumatic innovations. Just to name a few:

- 1901** First single-valve pneumatic hammer
- 1904** First electric tools and railway speed recorder
- 1910** Quarry drills
- 1911** Engines for cars and trucks
- 1912** Simplate valve

- 1912** Two-cycle semi-diesel engine for compressors
- 1925** Rotary oil-well drilling equipment
- 1925** Engine manufacturing
- 1939** First impact wrench

- 1943** "Rosie the Riveter" appears in this "We Can Do It" image and on Norman Rockwell's famous *Saturday Evening Post* cover, holding a CP riveting hammer on her lap

- 1957** Portable broach puller, construction impact wrenches
- 1960s** Tools customized for Boeing 737 and 747, Lockheed L1011 and C5A, Douglas DC-10, new Concorde

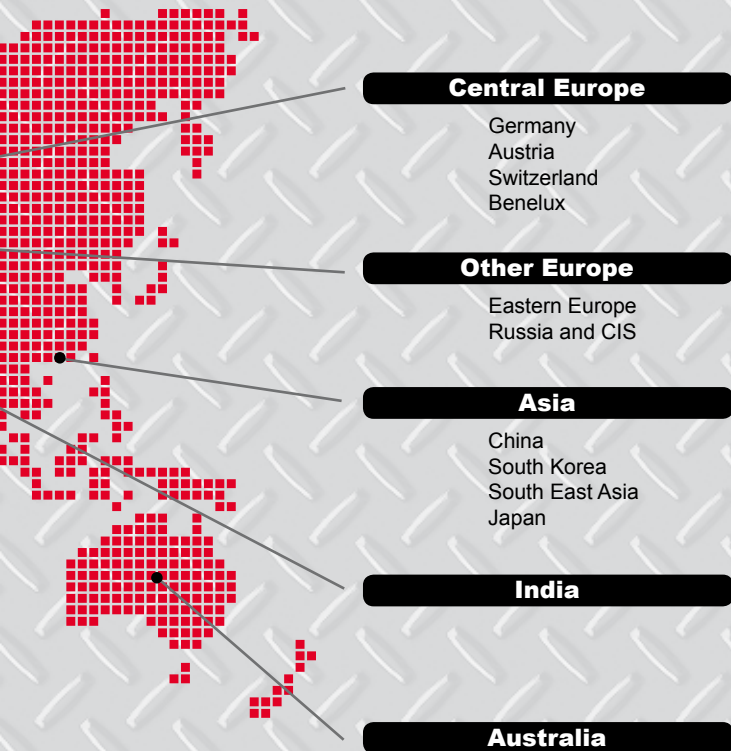


RANGE IN BRIEF

Building on success

Whether working in a small foundry or maintaining a large petrochemical plant, it is your needs that Chicago Pneumatic strives to meet. Your experience with our tools, compressors and equipment is what drives our research and development teams to deliver durable and reliable products. It is our mission to keep you productive at all times.

Customer Centers



Industrial and maintenance tools

Hundreds of tools designed to meet specific application needs. Impact wrenches, screwdrivers, grinders, sanders, drills and percussive tools.



Industrial compressors

Piston compressors, rotary screw compressors and compressed air solutions are available for a wide range of industrial applications and the automotive industry.



Portable compressors and generators

Light, transportable power generators and portable screw compressors - reliable and clean for air or for power, therefore for all types of equipment and tools.



Construction tools

Handheld hydraulic, pneumatic and petrol-driven tools, rig-mounted hydraulic breakers, light compaction and concrete equipment.



Light compaction equipment

Forward and reversible soil and asphalt plates, rammers, duplex rollers.



1971 Crimnut tool a breakthrough in critical joints for vehicle assembly

1970s Patented two-jaw clutch for impact wrenches

1981 CP341 Pneudraulic riveter

1990 CP789H reversible drill, CP828H ratchet, CP854 angle grinders

2000 Governed, oil-free grinders

2007 Magnesium & composite impact wrenches

1990s Hundreds of application specific products for construction, demolition, vehicle maintenance, heavy equipment maintenance, manufacturing and other industries

2010 New Chicago Pneumatic Brand colors: Red & Black

2012 New Brand promise: People. Passion. Performance.

Market Segments

ENERGY



Oil & Gas



Petrochemical



Mining



Power Generation

METAL TRANSFORMATION



Foundries



Metal Working



Construction



Heavy Production

MANUFACTURING



Shipyards



Rolling Stock

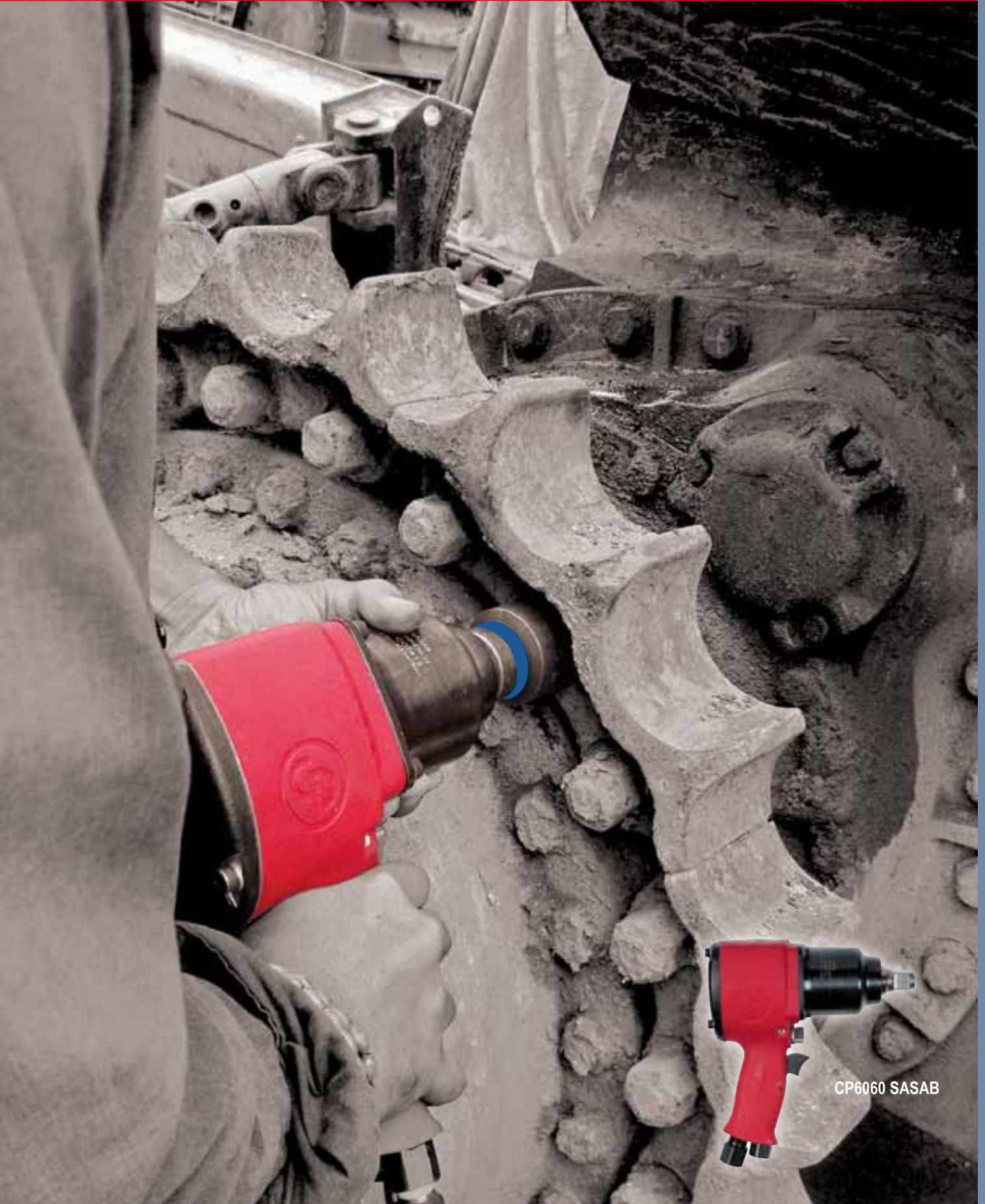


Wood & Composite



Medium Industries

Impact Wrenches



CP6060 SASAB

Impact Wrenches Features

CLUTCHES SELECTION

Chicago Pneumatic is known worldwide for its variety of durable clutch designs. These clutch options could be divided in two categories:

Medium Duty:

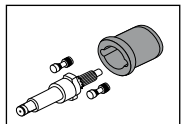
Pin Clutch and Rocking Dog

- High Power / Weight ratio
- Pin clutch: Very good for hard joint applications
- Rocking Dog: Excellent for very soft joint
- Excellent durability for Medium Duty jobs
- Fast rundown

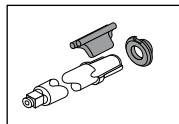
Heavy and Super Duties:

Single & Double Dog, 2-Jaw & 3-Jaw, and Twin Lobe

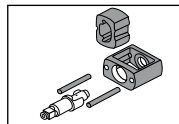
- Rundown starts slowly but increases constantly
- Performance is excellent for all type of joints
- Twin Lobe clutch especially designed for very soft joints
- 2-Jaw & 3-Jaw: Extraordinary durability for Heavy and Super Duty applications



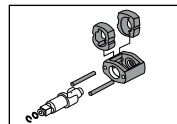
Pin clutch



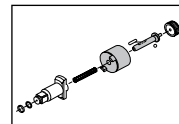
Rocking Dog clutch



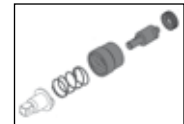
Single Dog clutch



Double Dog clutch



2-Jaw & 3-Jaw clutch



Twin Lobe clutch

BOLT SELECTION CHART

The table below details the suggested maximum torque for varying bolt sizes and grades. These torque figures are for guidance only.

Always confirm values with the bolt supplier/ manufacturer.

in.	SAE		ASTM-UNC GRADE 8/A490	mm	METRIC		
	GRADE 1 & 2	GRADE 5			ISO 8.8	ISO 10.9	ISO 12.9
1/4	3	8	11	M6	10.5	15	17
5/16	6	16	22	M8	25	36	43
3/8	11	28	38	M10	51	71	86
7/16	18	46	61	M12	87	122	146
1/2	28	70	94	M14	138	195	234
9/16	43	110	135	M16	213	299	359
5/8	55	140	188	M18	293	413	495
3/4	57	250	336	M20	416	585	702
7/8	155	405	541	M22	563	792	950
1	230	600	812	M24	718	1011	1213
1-1/8	340	770	1151	M27	1060	1491	1789
1-1/4	180	1080	1626	M30	1440	2025	2430
1-3/8	660	1470	2130	M36	1956	2751	3301
1-1/2	860	1950	2830	M42	2517	3540	4248
				M45	4510	6340	7610
				M48	5450	7660	9190

HANDLE TYPE



Pistol (P)



D Handle
Inside
Trigger (D I T)



D Handle
Outside
Trigger (D O T)

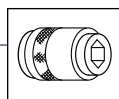
JOINT TYPE

DRIVE	MODEL	DUTY	VERY SOFT	SOFT	MEDIUM	HARD	VERY HARD
3/8"	CP6031	***		X	X	X	
	CP6300	**		X	X	X	
1/2"	CP6041	***		X	X	X	
	CP6031	***		X	X	X	
	CP6500	**		X	X	X	
	CP6540	**	X	X	X	X	
	CP9541	*			X	X	X
3/4"	CP6060	***		X	X	X	
	CP9561	*			X	X	X
1"	CP0611	***		X	X	X	
	CP6110	***	X	X	X	X	
	CP0610	**		X	X	X	
	CP6910	*	X	X	X	X	
	CP6920	*	X	X	X	X	
1-1/2"	CP6120	***		X	X	X	
	CP0614	**		X	X	X	

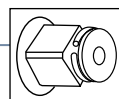
Super Duty: *** / Heavy Duty: ** / Medium Duty: *

SOCKET RETENTION

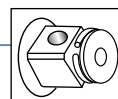
A wide selection of retainers provides versatility for every type of application. All with power, speed and comfort.



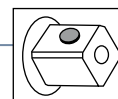
Quick Change
for hexagonal and
sockets bits



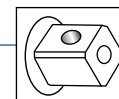
Friction Ring
for rapid sockets
change



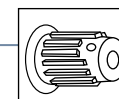
Dual
(Hole + Friction)
for versatility



Pin Retainer
for dedicated
applications



Hole
for pin O-ring type
retention

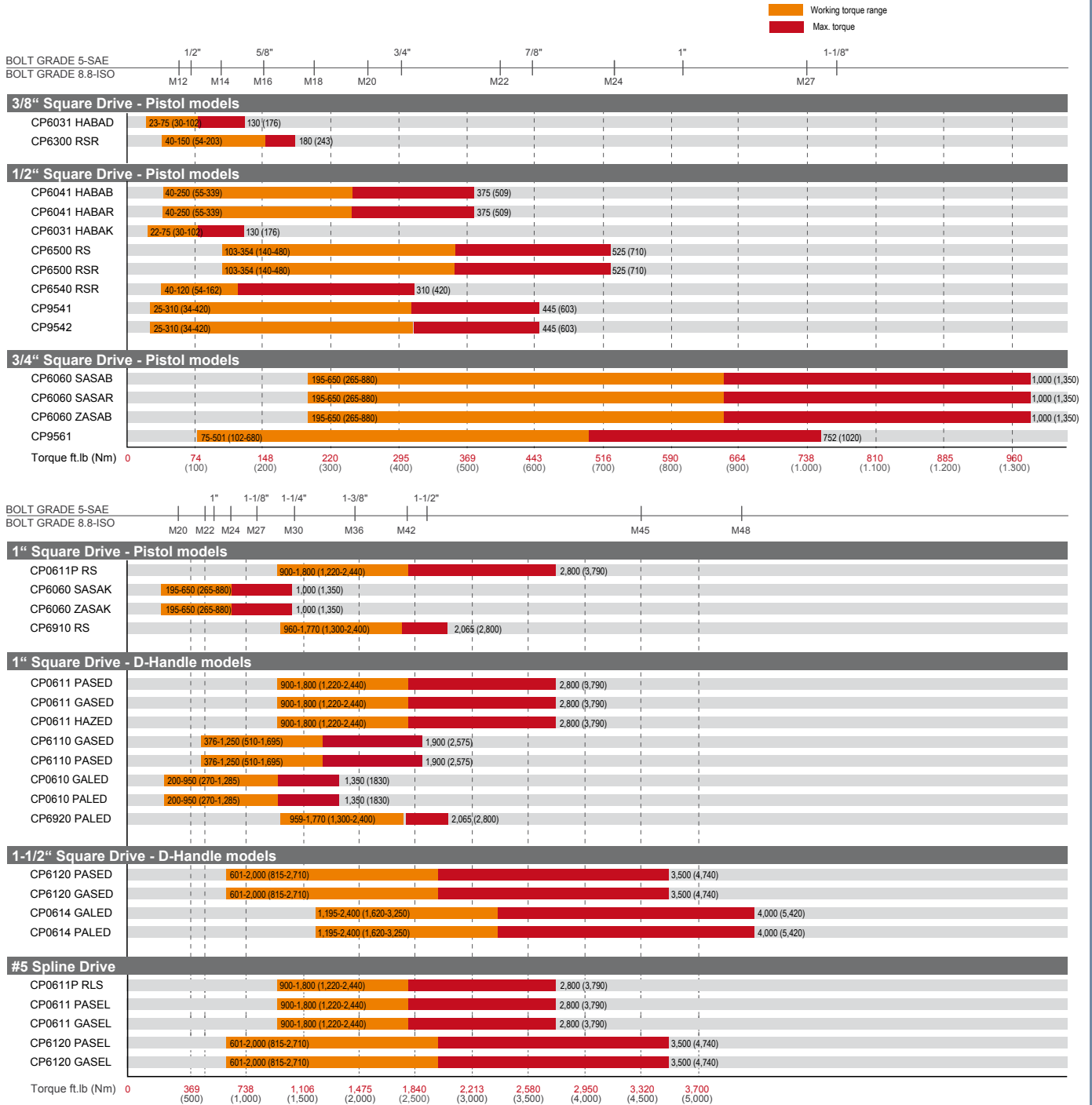


Integral Spline #5
with integral push
button retainer

VERSATILITY

SAFETY

Impact Wrench Torque Ranges



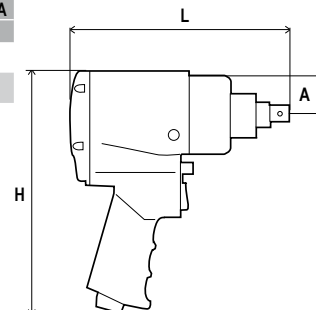
Dimensions and Accessories



CP6300 RSR

DIMENSIONS

MODEL	DIMENSIONS					
	L		H		SIDE TO CENTER - A	
	in.	mm	in.	mm	in.	mm
CP6031 HABAD	5.6	143	6.6	168	0.75	19
CP6300 RSR	6.0	152	7.7	197	1.26	32



ACCESSORIES

SOCKETS

INDIVIDUAL SOCKETS (SAE & METRIC)



MODEL	DESCRIPTION	PART NO.
SAE* (in.)		
S314	3/8" DR STD Impact socket 7/8"	894 016 3782
S306D	3/8" DR DEEP Impact socket 3/8"	894 016 3802
S307D	3/8" DR DEEP Impact socket 7/16"	894 016 3803
METRIC (mm)		
S308M	3/8" DR STD Impact socket 8mm	894 016 3786
S310M	3/8" DR STD Impact socket 10mm	894 016 3788
S312M	3/8" DR STD Impact socket 12mm	894 016 3790
S313M	3/8" DR STD Impact socket 13mm	894 016 3791
S313MD	3/8" DR DEEP Impact socket 13mm	894 016 3819

SETS (SAE & METRIC)



MODEL	DESCRIPTION	PART NO.
SAE* (in.)		
SS3012	3/8" DR (12pcs) Impact Set	894 016 4452
SS3012D	3/8" DR (12 pcs) Deep Impact Set	894 016 4453
METRIC (mm)		
SS3113	3/8" DR (13pcs) Impact Set	894 016 4446
SS3113D	3/8" DR (13pcs) Deep Impact Set	894 016 4447

More socket sets available in the CP Impact Sockets catalog
 (*) Available in North America only



GLOVES



DESCRIPTION	PART NO.
Impact Gloves: Large	894 015 8618
Impact Gloves: Extra Large	894 015 8619

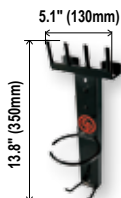
LUBRICATION



OIL PROTECTO-LUBE FOR MOTOR	PART NO.
4 oz. (0.12 l) - Air Tool Oil	CA149661
20.8 oz (0.591 l) - Air Tool Oil	CA000046
1 Gal (3.8l) - Airoilene oil	P089507

GREASE PNEU-LUBE FOR CLUTCH	PART NO.
Pneu-Lube 100GM Tube	894 015 8455
Pneu-Lube Cartridge	894 015 8456
Pneu-Lube 7# Can	894 015 8457
Grease Gun + 2 Nozzles	C098689

MAGNETIC TOOL HOLDER



MODEL	PART NO.
CP9841	894 016 6664

TUNE-UP KITS & REPAIR KITS



MODEL	TUNE-UP KIT	REPAIR KIT
CP6031 HABAD	C137566	-
CP6300 RSR	C157304	C157305

For Air Line accessory products, Balancers please see pages 78 to 93

Impact Wrench 3/8"

23 to 150 ft.lb (30 to 203 Nm)

CP6300 RSR

High power to weight ratio



Clutch: Single dog

FEATURES and BENEFITS

- Reliable and powerful 2-Jaw Oil-Bath clutch
- Durable Steel Clutch Housing for Super Duty and harsh applications
- Pistol Shape with a 3-piece construction engineered for easy maintenance
- Lightweight at only 3.3 lbs (1.5kg)



CP6031 HABAD



Clutch: 2-Jaw - Oil-Bath

CP6031 HABAD

JOINT TYPE

DRIVE	MODEL	DUTY	VERY SOFT	SOFT	MEDIUM	HARD
3/8"	CP6031	***		x	x	x
	CP6300	**		x	x	x

Torque ranges should be used as a guide only. Final torque will depend on the joint, operating pressure and drive accessories.

MODEL	PART NUMBER	BOLT SIZE GRADE		DRIVE	CLUTCH TYPE	HANDLE STYLE	BLOWS PER MIN.	FREE SPEED	WORKING TORQUE (FW)*		MAX. TORQUE (REV)**		NET WEIGHT		AIR CONS. ***		AIR INLET
		SAE 5 in.	ISO 8.8 mm						in.	ft.lb	Nm	ft.lb	Nm	lb	kg	cfm	
CP6031 HABAD	T021887	7/16	10-12	3/8	2-Jaw - Oil-Bath	P	2,200	10,000	23-75	30-102	130	176	3.3	1.5	25	12.0	1/4"
CP6300 RSR	T025285	9/16	14-16	3/8	Single-Dog	P	1,800	6,800	40-150	54-203	180	243	3.5	1.6	14	6.6	1/4"

All models: Hose int. 3/8" (10mm) @90 PSI (@6.3 Bar).

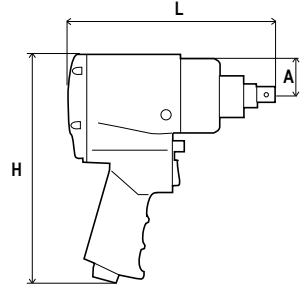
*Values @90 PSI (@6.3 bar) - 4 sec. **Values @90 PSI (@6.3 bar) - 10 sec. *** Values at free speed.

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS					
	L		H		SIDE TO CENTER - A	
	in.	mm	in.	mm	in.	mm
CP6041 ...	6.8	173	8.0	204	1.10	28
CP6031 HABAk	5.6	143	6.6	168	0.75	19
CP6500 RS	7.0	178	8.1	205	1.26	32
CP6500 RSR	7.4	188	8.1	205	1.26	32
CP6540 ...	7.4	188	8.1	205	1.26	32
CP9541	6.6	168	7.2	184	1.18	30
CP9542	6.6	168	7.2	184	1.18	30



ACCESSORIES

1/2" SQUARE DRIVE

MODEL	DESCRIPTION	PART NO.
CP6500	1/2" square drive with 2" (50mm) extension friction ring retainer	CA148629

SOCKETS

INDIVIDUAL SOCKETS (SAE & METRIC)

MODEL	DESCRIPTION	PART NO.
SAE* (in.)		
S412D	1/2" DR Deep Impact socket 3/4"	894 016 3983
S413D	1/2" DR Deep Impact socket 13/16"	894 016 3984
S415D	1/2" DR Deep Impact socket 15/16"	894 016 3986
S420D	1/2" DR Deep Impact socket 1-1/4"	894 016 3991
METRIC (mm)		
S417MD	1/2" DR Deep Impact socket 17 mm	894 016 4007
S419MD	1/2" DR Deep Impact socket 19 mm	894 016 4009
S421MD	1/2" DR Deep Impact socket 21mm	894 016 4010

SETS (SAE & METRIC)

MODEL	DESCRIPTION	PART NO.
SAE* (in.)		
SS4013	1/2" DR 13pcs Impact Set	894 016 4465
SS4013D	1/2" DR 13pcs Impact Set	894 016 4466
METRIC (mm)		
SS4114	1/2" DR 14pcs Impact Set	894 016 4458
SS4114D	1/2" DR 14pcs Impact Set	894 016 4459

More socket sets available in the CP Impact Sockets catalog
 (*) Available in North America only



GLOVES

DESCRIPTION	PART NO.
Impact Gloves: Large	894 015 8618
Impact Gloves: Extra Large	894 015 8619

LUBRICATION

OIL PROTECTO-LUBE FOR MOTOR	PART NO.
4oz. (0.12 l) - Air Tool Oil	CA149661
20.8oz (0.591 l) - Air Tool Oil	CA000046
1 Gal (3.8l) - Airoilene oil	P089507

MAGNETIC TOOL HOLDER

MODEL	PART NO.
CP9841	894 016 6664



TUNE-UP KITS & REPAIR KITS

MODEL	TUNE-UP KIT	REPAIR KIT
CP6041	C144450	C144448
CP6031 HABAk	C137566	894 015 8639
CP6500 RS	894 015 8638	894 015 8639
CP6500 RSR	894 015 8638	894 015 8640
CP6540 RSR	894 015 8638	894 015 8642
CP9541	C137164	C137478
CP9542	C137164	C137165



For Air Line accessory products, Balancers please see pages 78 to 93

Impact Wrench 1/2"

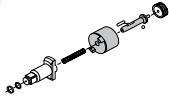
CP6031 HABAK



Steel clutch housing for abusive and harsh environments



Clutch : 2-Jaw - Oil-Bath



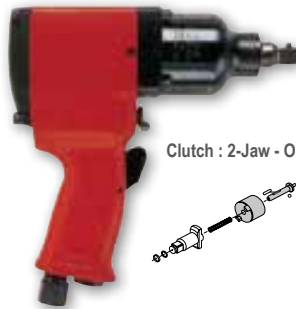
CP6041 HABAB



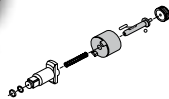
CP6041 HABAR



Hard hitting impact blows



Clutch : 2-Jaw - Oil-Bath



CP6540 RSR



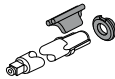
CP6540 RSS



Excellent for very soft joint



Clutch: Rocking Dog



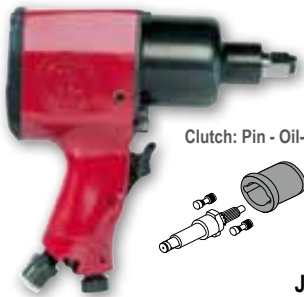
CP9541



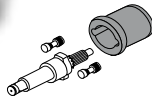
CP9542



Fast rundown



Clutch: Pin - Oil-Bath



23 to 354 ft.lb (30 to 480 Nm)

FEATURES and BENEFITS

- High Torque/Weight ratio
- Double Dog clutch for smooth operation
- Durable Steel Clutch Housing for Heavy Duty and harsh applications
- Pistol Shape with a 3-piece construction engineered for easy maintenance
- Lightweight, only 5.8lbs (2.65kg)
- Ergonomic: Soft Grip for comfort and balanced for reduced strain
- Single handed fwd/rev operation



Clutch: Double Dog - Oil Bath

Available with Pin:
CP6500 RS

CP6500 RSR

JOINT TYPE

DRIVE	MODEL	DUTY	VERY SOFT	SOFT	MEDIUM	HARD	VERY HARD
1/2"	CP6041	***		x	x	x	
	CP6031	***		x	x	x	
	CP6500	**		x	x	x	
	CP6540	**	x	x	x		
	CP9541	*			x	x	x

Torque ranges should be used as a guide only. Final torque will depend on the joint, operating pressure and drive accessories.

MODEL	PART NUMBER	BOLT SIZE GRADE		DRIVE	CLUTCH TYPE	HANDLE STYLE	BLOWS PER MIN.	FREE SPEED.	WORKING TORQUE (FW)*		MAX. TORQUE (REV)**		NET WEIGHT		AIR CONS. ***		AIR INLET
		SAE 5 in.	ISO 8.8 mm						in.	ft.lb	Nm	ft.lb	Nm	lb	kg	cfm	l/s
CP6031 HABAK	T021884	7/16	8-10	1/2	2-Jaw - Oil-Bath	P	2,200	10,000	23-75	30-102	130	176	3.3	1.50	25	12.0	1/4"
CP6041 HABAR	T022331	1/2 - 5/8	14-16	1/2	2-Jaw - Oil-Bath	P	1,700	6,500	40-250	55-339	375	509	6.2	2.80	40	18.9	1/4"
CP6041 HABAB	T021888	1/2 - 5/8	14-16	1/2	2-Jaw - Oil-Bath	P	1,700	6,500	40-250	55-339	375	509	6.2	2.80	40	18.9	1/4"
CP6500 RSR	T025216	5/8 - 3/4	18-20	1/2	Double Dog - Oil-Bath	P	1,320	6,400	103-354	140-480	525	710	5.8	2.65	25	11.8	1/4"
CP6500 RS	T025214	5/8 - 3/4	18-20	1/2	Double Dog - Oil-Bath	P	1,320	6,400	103-354	140-480	525	710	5.8	2.65	25	11.8	1/4"
CP6540 RSR	T025313	1/2 - 9/16	12-14	1/2	Rocking-Dog - Oil-Bath	P	1,320	6,400	40-120	54-162	310	420	6.2	2.80	22	10.4	1/4"
CP6540 RSS	T025314	1/2 - 9/16	12-14	7/16 Hex.	Rocking-Dog - Oil-Bath	P	1,320	6,400	40-120	54-162	310	420	6.2	2.80	22	10.4	1/4"
CP9541	615 190 9541	7/16 - 3/4	16-18	1/2	Pin - Oil-Bath	P	1,100	8,900	25-310	34-420	445	603	5.5	2.50	14	6.6	1/4"
CP9542	615 190 9542	7/16 - 3/4	16-18	1/2	Pin - Oil-Bath	P	1,100	8,900	25-310	34-420	445	603	5.5	2.50	14	6.6	1/4"

All models: Hose int. 3/8" (10mm) - @90 PSI (@6.3 Bar).

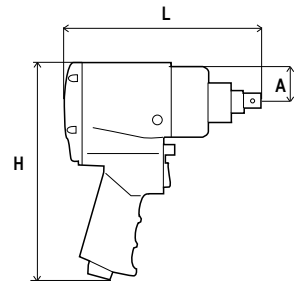
*Values @90 PSI (@6.3 bar) - 4 sec. **Values @90 PSI (@6.3 bar) - 10 sec. *** Values at free speed.

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS					
	L		H		SIDE TO CENTER - A	
	in.	mm	in.	mm	in.	mm
CP6060 ...	7.6	194	9.8	250	1.46	37
CP9561	8.5	216	9.2	235	1.53	39



ACCESSORIES INCLUDED

DESCRIPTION	CP6060
Retainer ring with steel insert	C-155472



ACCESSORIES

SOCKETS

INDIVIDUAL SOCKETS (SAE & METRIC)



MODEL	DESCRIPTION	PART NO.
SAE* (in.)		
S615	3/4" DR STD Impact socket 1-5/16"	894 016 4146
S621D	3/4" DR Deep Impact socket 1-5/16"	894 016 4220
S624D	3/4" DR Deep Impact socket 1-1/2"	894 016 4223



MODEL	DESCRIPTION	PART NO.
METRIC (mm)		
S624M	3/4" DR STD Impact socket 24mm	894 016 4185
S627M	3/4" DR STD Impact socket 27mm	894 016 4188
S630M	3/4" DR STD Impact socket 30mm	894 016 4191
S632M	3/4" DR STD Impact socket 32mm	894 016 4193
S633M	3/4" DR STD Impact socket 33mm	894 016 4194
S627MD	3/4" DR Deep Impact socket 27mm	894 016 4256
S630MD	3/4" DR Deep Impact socket 30mm	894 016 4259
S632MD	3/4" DR Deep Impact socket 32mm	894 016 4261

SETS (SAE & METRIC)



MODEL	DESCRIPTION	PART NO.
SAE* (in.)		
SS6014	3/4" DR (14 pcs) Impact Set	894 016 4474
SS6014D	3/4" DR (14 pcs) Deep Impact Set	894 016 4475
SS6008D	3/4" DR (8 pcs) Deep Impact Set	894 016 7073

MODEL	DESCRIPTION	PART NO.
METRIC (mm)		
SS618	3/4" DR (8 pcs) Impact Set	894 016 4472
SS618D	3/4" DR (8 pcs) Deep Impact Set	894 016 4473

More socket sets available in the CP Impact Sockets catalog
(*) Available in North America only



RETAINER RING with STEEL INSERT



SQUARE DRIVE	INSIDE DIAMETER OF RED RING		PART NO.
	in.	mm	
3/4"	1-1/4	31	C-155467
3/4"	1-7/16	36	C-155468
3/4"	1-5/8	41	C-134690
3/4"	1-3/4	44	C-134691
3/4"	2	51	C-155585
3/4"	2-1/4	57	C-155486

GLOVES



DESCRIPTION	PART NO.
Impact Gloves: Large	894 015 8618
Impact Gloves: Extra Large	894 015 8619

LUBRICATION



OIL PROTECTO-LUBE FOR MOTOR	PART NO.
4oz. (0.12 l) - Air Tool Oil	CA149661
20.8oz (0.591 l) - Air Tool Oil	CA000046
1 Gal (3.8l) - Airoilene oil	P089507

GREASE PNEU-LUBE FOR CLUTCH	PART NO.
Pneu-Lube 100GM Tube	894 015 8455
Pneu-Lube Cartridge	894 015 8456
Pneu-Lube 7# Can	894 015 8457
Grease Gun+2 Nozzles	C098689

TUNE-UP KITS



MODEL	PART NO.
CP6060 ...	C137568
CP9561	C137569



For Air Line accessory products, Balancers please see pages 78 to 93



Impact Wrench 3/4"

CP6060 SASAR



Teasing throttle for better control



Clutch: 2-Jaw

CP6060 ZASAB



with Special Zinc Housing
Non sparking impact wrench for explosive environment



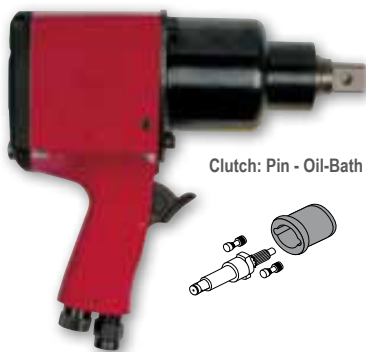
Clutch: 2-Jaw



CP9561



Fast rundown



Clutch: Pin - Oil-Bath

75 to 650 ft.lb (102 to 880 Nm)

FEATURES and BENEFITS

- The Best Super Duty application 3/4" impact available
- Reliable and powerful to 2 Jaw clutch
- Durable Steel Clutch Housing for Super Duty harsh applications
- Pistol Shape with 3-piece construction engineered for easy maintenance
- Balanced to reduce fatigue and increase operator comfort



Clutch : 2-Jaw

Available in 1" Hole:
CP6060 SASAK

CP6060 SASAB

JOINT TYPE

DRIVE	MODEL	DUTY	SOFT	MEDIUM	HARD	VERY HARD
3/4"	CP6060	***	x	x	x	
	CP9561	*		x	x	x

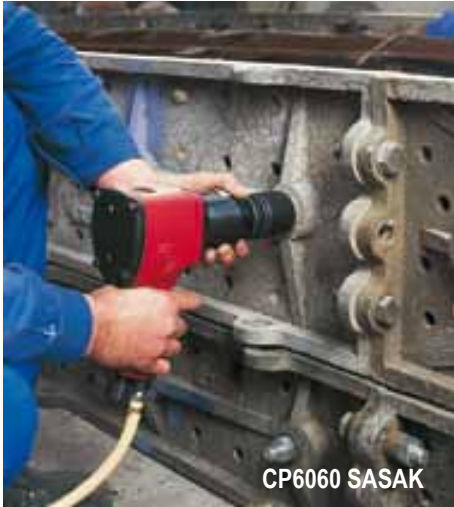
Torque ranges should be used as a guide only. Final torque will depend on the joint, operating pressure and drive accessories.

MODEL	PART NUMBER	BOLT SIZE GRADE		DRIVE	CLUTCH TYPE	HANDLE STYLE	BLOWS PER MIN.	FREE SPEED	WORKING TORQUE (FW)*		MAX. TORQUE (REV)**		NET WEIGHT		AIR CONS. ***		AIR INLET
		SAE 5 in.	ISO 8.8 mm						in.	ft.lb	Nm	ft.lb	Nm	lb	kg	cfm	
CP6060 SASAB	T024059	3/4 - 1	22-34	3/4	2-Jaw	P	1,000	3,500	195-650	265-880	1,000	1,350	11.7	5.3	42	19.8	3/8"
CP6060 SASAR	T024058	3/4 - 1	22-34	3/4	2-Jaw	P	1,000	3,500	195-650	265-880	1,000	1,350	11.9	5.4	42	19.8	3/8"
CP6060 ZASAB	T024064	3/4 - 1	22-34	3/4	2-Jaw	P	1,000	3,500	195-650	265-880	1,000	1,350	11.7	5.3	42	19.8	3/8"
CP9561	615 190 9561	1/2 - 7/8	20-22	3/4	Pin - Oil-Bath	P	900	5,500	75-501	102-680	750	1,020	10.5	4.8	30	14.1	1/4"

Hose int. CP6060 : 1/2" (13mm) - CP9561: 3/8" (10mm) - @90 PSI (@6.3 Bar).

*Values @90 PSI (@6.3 bar) - 4 sec. **Values @90 PSI (@6.3 bar) - 10 sec. *** Values at free speed.

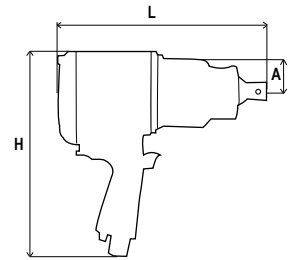
Dimensions and Accessories



CP6060 SASAK

DIMENSIONS

MODEL	DIMENSIONS					
	L		H		SIDE TO CENTER - A	
	in.	mm	in.	mm	in.	mm
CP0611P ..	10.7	272	10.7	273	1.81	46
CP6060 ..	7.6	194	9.8	250	1.78	37
CP6910 RS	11.3	288	11.3	288	1.78	57



ACCESSORIES INCLUDED

DESCRIPTION	CP0611	CP6910
Support handle	CA048548	205 053 1433
Band-Handle	C116388	-
Screw-Allen Cap	C064806	-
Suspension Hook	-	854 016 6788
Retainer ring with steel insert	C-134692	C-134692



ACCESSORIES

SOCKETS

INDIVIDUAL SOCKETS (SAE & METRIC)



MODEL	DESCRIPTION	PART NO.
SAE* (in.)		
S815	1" DR STD Impact Socket 15/16"	894 016 4278
S824	1" DR STD Impact Socket 1-1/2"	894 016 4287
S817D	1" DR Deep Impact Socket 1-1/16"	894 016 4360
S819D	1" DR Deep Impact Socket 3-1/16"	894 016 4362
S820D	1" DR Deep Impact Socket 1-1/4"	894 016 4363
S821D	1" DR Deep Impact Socket 1-5/16"	894 016 4364
S824D	1" DR Deep Impact Socket 1-1/2"	894 016 4367



MODEL	DESCRIPTION	PART NO.
METRIC (mm)		
S832M	1" DR STD Impact Socket 32mm	894 016 4334
S833M	1" DR STD Impact Socket 33mm	894 016 4335
S824MD	1" DR Deep Impact Socket 24mm	894 016 4407
S827MD	1" DR Deep Impact Socket 27mm	894 016 4410
S830MD	1" DR Deep Impact Socket 30mm	894 016 4413
S832MD	1" DR Deep Impact Socket 32mm	894 016 4414
S833MD	1" DR Deep Impact Socket 33mm	894 016 4415

SETS (SAE & METRIC)



MODEL	DESCRIPTION	PART NO.
SAE* (in.)		
SS808	1" DR (8 pcs) Impact Set	894 016 4478
SS808D	1" DR (8 pcs) Deep Impact Set	894 016 4479
METRIC (mm)		
SS814D	1" DR (4 pcs) Impact Set	894 016 6016
SS818D	1" DR (8 pcs) Deep Impact Set	894 016 4477
SS818	1" DR (8 pcs) Impact Set	894 016 4476

More socket sets available in the CP Impact Sockets catalog
 (*) Available in North America only



GLOVES



DESCRIPTION	PART NO.
Impact Gloves: Large	894 015 8618
Impact Gloves: Extra Large	894 015 8619

RETAINER RING with STEEL INSERT



SQUARE DRIVE	INSIDE DIAMETER OF RED RING		PART NO.
	in.	mm	
1"	1-3/4	44	C-155470
1"	2	51	C-155471
1"	2-1/8	54	C-155472
1"	2-1/4	57	C-134692
1"	2-1/2	63	C-155473

LUBRICATION MOTOR



OIL PROTECTO-LUBE FOR MOTOR	PART NO.
4oz. (0.12 l) - Air Tool Oil	CA149661
20.8oz (0.591 l) - Air Tool Oil	CA000046
1 Gal (3.8l) - Airoilene oil	P089507

GREASE PNEU-LUBE FOR CLUTCH	PART NO.
Pneu-Lube 100GM Tube	894 015 8455
Pneu-Lube Cartridge	894 015 8456
Pneu-Lube 7# Can	894 015 8457
Grease Gun + 2 Nozzles	C098689

TUNE-UP KITS



MODEL	PART NO.
CP0611P ..	C115811
CP6060...	C137568
CP6910 RS	205 052 9653

For Air Line accessory products, Balancers please see pages 78 to 93

Impact Wrench 1"

195 to 1,800 ft.lb (265 to 2,440 Nm)

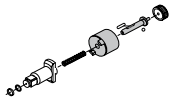
CP6060 SASAK



Super Duty 1" lightweight



Clutch: 2-Jaw



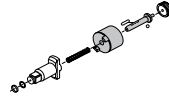
CP6060 ZASAK



with Special Zinc Housing
Non sparking impact wrench
for explosive environment



Clutch: 2-Jaw



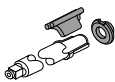
CP6910 RS



Dual Socket retainer - Ring + Hole
Hole bail for balancer fitting



Clutch: Pinless Rocking Dog



FEATURES and BENEFITS

- One of the Best Torque/Weight ratio impacts on the market
- Reliable and powerful to 2-Jaw clutch
- Durable Steel Clutch Housing for Super Duty and harsh applications
- Pistol Shape with a 3-piece construction engineered for easy maintenance
- Teasing throttle for easy bolt starting



Clutch: 2-Jaw

Available with Spline #5
CP0611P RLS

CP0611P RS

JOINT TYPE

DRIVE	MODEL	DUTY	VERY SOFT	SOFT	MEDIUM	HARD
1"	CP0611	***		x	x	x
	CP6060	***		x	x	x
	CP6910	*	x	x	x	x

Torque ranges should be used as a guide only. Final torque will depend on the joint, operating pressure and drive accessories.

MODEL	PART NUMBER	BOLT SIZE GRADE		DRIVE	CLUTCH TYPE	HANDLE STYLE	BLOWS PER MIN.	FREE SPEED	WORKING TORQUE (FW)*		MAX. TORQUE (REV)**		NET WEIGHT		AIR CONS. ***		AIR INLET
		SAE 5 in.	ISO 8.8 mm						in.	ft.lb	Nm	ft.lb	Nm	lb	kg	cfm	
CP0611P RLS	T025414	1-1/4	30-34	#5 Spline	2-Jaw	P	1,020	3,500	900-1,800	1,220-2,440	2,800	3,790	23.1	10.5	48	22.6	1/2"
CP0611P RS	T025413	1-1/4	30-34	1	2-Jaw	P	1,020	3,500	900-1,800	1,220-2,440	2,800	3,790	23.1	10.5	48	22.6	1/2"
CP6060 SASAK	T024060	3/4 - 1	20-34	1	2-Jaw	P	1,000	3,500	195-650	265-880	1,000	1,350	11.9	5.4	42	19.8	3/8"
CP6060 ZASAK	T024063	3/4 - 1	20-34	1	2-Jaw	P	1,000	3,500	195-650	265-880	1,000	1,350	11.9	5.4	42	19.8	3/8"
CP6910 RS	615 190 6910	1-1/4	30-34	1	Pinless Rocking Dog	P	600	5,000	960-1,770	1,300-2,400	2,065	2,800	23.0	10.5	35	16.7	1/2"

All models: Hose int. 1/2" (13mm) - @90 PSI (@6.3 Bar).

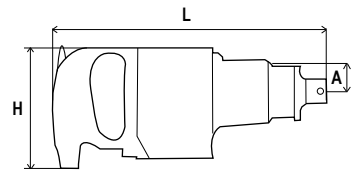
*Values @90 PSI (@6.3 bar) - 4 sec. **Values @90 PSI (@6.3 bar) - 10 sec. *** Values at free speed.

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS					
	L		H		SIDE TO CENTER - A	
	in.	mm	in.	mm	in.	mm
CP0611 ..	12.5	318	6.2	158	1.81	46
CP0610 ..	13.5	343	6.4	162	2.13	54
CP6110 ..	13.0	330	6.3	160	1.61	44
CP6920 PALED	13.9	354	9.2	233	2.24	57



ACCESSORIES INCLUDED

DESCRIPTION	CP0611	CP6110
Support handle	CA048548	C145892
Band-Handle	C116388	C116388
Screw-Allen Cap	C064806	C127944
Retainer ring with steel insert	C-134692	C-134692



ACCESSORIES

SOCKETS

INDIVIDUAL SOCKETS (SAE & METRIC)



MODEL	DESCRIPTION	PART NO.
SAE* (in.)		
S815	1" DR STD Impact Socket 15/16"	894 016 4278
S824	1" DR STD Impact Socket 1-1/2"	894 016 4287
S817D	1" DR Deep Impact Socket 1-1/16"	894 016 4360
S819D	1" DR Deep Impact Socket 3-1/16"	894 016 4362
S820D	1" DR Deep Impact Socket 1-1/4"	894 016 4363
S821D	1" DR Deep Impact Socket 1-5/16"	894 016 4364
S824D	1" DR Deep Impact Socket 1-1/2"	894 016 4367



MODEL	DESCRIPTION	PART NO.
METRIC (mm)		
S832M	1" DR STD Impact Socket 32mm	894 016 4334
S833M	1" DR STD Impact Socket 33mm	894 016 4335
S824MD	1" DR Deep Impact Socket 24mm	894 016 4407
S827MD	1" DR Deep Impact Socket 27mm	894 016 4410
S830MD	1" DR Deep Impact Socket 30mm	894 016 4413
S832MD	1" DR Deep Impact Socket 32mm	894 016 4414
S833MD	1" DR Deep Impact Socket 33mm	894 016 4415

SETS (SAE & METRIC)



MODEL	DESCRIPTION	PART NO.
SAE* (in.)		
SS808	1" DR (8 pcs) Impact Set	894 016 4478
SS808D	1" DR (8 pcs) Deep Impact Set	894 016 4479
METRIC (mm)		
SS814D	1" DR (4 pcs) Impact Set	894 016 6016
SS818D	1" DR (8 pcs) Deep Impact Set	894 016 4477
SS818	1" DR (8 pcs) Impact Set	894 016 4476

More socket sets available in the CP Impact Sockets catalog
 (*) Available in North America only



GLOVES



DESCRIPTION	PART NO.
Impact Gloves: Large	894 015 8618
Impact Gloves: Extra Large	894 015 8619

RETAINER RING with STEEL INSERT



SQUARE DRIVE	INSIDE DIAMETER OF RED RING		PART NO.
	in.	mm	
1"	1-3/4	44	C-155470
1"	2	51	C-155471
1"	2-1/8	54	C-155472
1"	2-1/4	57	C-134692
1"	2-1/2	63	C-155473
1"	2-5/8	67	C-155474

TUNE-UP KIT



MODEL	PART NO.
CP0611 ..	C115811

LUBRICATION



OIL PROTECTO-LUBE FOR MOTOR	PART NO.
4oz. (0.12 l) - Air Tool Oil	CA149661
20.8oz (0.591 l) - Air Tool Oil	CA000046
1 Gal (3.8l) - Airoilene oil	P089507
GREASE PNEU-LUBE FOR CLUTCH	PART NO.
Pneu-Lube 100GM Tube	894 015 8455
Pneu-Lube Cartridge	894 015 8456
Pneu-Lube 7# Can	894 015 8457
Pneu-Lube + 2 Nozzles	C098689



For Air Line accessory products, Balancers please see pages 78 to 93



Impact Wrench 1"

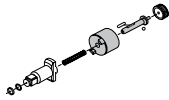
CP0610 GALED

CP0610 PALED

Durable clutch mechanism



Clutch: 3-Jaw

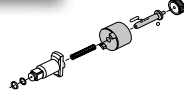


CP0611 HAZED

with Special Zinc Housing
Non sparking impact wrench for
explosive environment



Clutch: 2-Jaw

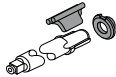


CP6920 PALED

Power regulator



Clutch: Pinless Rocking Dog



CP6110 GASED

CP6110 PASED

Best Clutch for very soft joint



Clutch: Twin lobe



200 to 1,800 ft.lb (270 to 2,440 Nm)

FEATURES and BENEFITS

- One of the Best Torque/Weight ratio on the market
- Reliable and powerful 2-Jaw clutch
- Durable Steel Clutch Housing for Super Duty and harsh applications
- D-Handle shape with internal trigger
- 3-piece construction engineered for easy maintenance
- Adjustable Side Handle allows repositioning of tool according to the application



Clutch: 2-Jaw

Available with External trigger:
CP0611 GASED or CP0611 GASEL

Available with Spline #5:
CP0611 PASEL or CP0611 GASEL

CP0611 PASED

JOINT TYPE

DRIVE	MODEL	DUTY	VERY SOFT	SOFT	MEDIUM	HARD
1"	CP0611	***		x	x	x
	CP0610	**		x	x	x
	CP6110	**	x	x	x	
	CP6920	*	x	x	x	x

Torque ranges should be used as a guide only. Final torque will depend on the joint, operating pressure and drive accessories.

MODEL	PART NUMBER	BOLT SIZE GRADE		DRIVE	CLUTCH TYPE	HANDLE STYLE	BLOWS PER MIN.	FREE SPEED	WORKING TORQUE (FW)*		MAX. TORQUE (REV)**		NET WEIGHT		AIR CONS. ***		AIR INLET
		SAE 5 in.	ISO 8.8 mm						in.	ft.lb	Nm	ft.lb	Nm	lb	kg	cfm	
CP0611 PASED	T022578	1-1/4	30-34	1	2-Jaw	DIT	1,020	3,500	900-1,800	1,220-2,440	2,800	3,790	22.5	10.2	48	22.6	1/2"
CP0611 PASEL	T022579	1-1/4	30-34	#5 Spline	2-Jaw	DIT	1,020	3,500	900-1,800	1,220-2,440	2,800	3,790	22.5	10.2	48	22.6	1/2"
CP0611 GASED	T022580	1-1/4	30-34	1	2-Jaw	DOT	1,020	3,500	900-1,800	1,220-2,440	2,800	3,790	22.5	10.2	48	22.6	1/2"
CP0611 GASEL	T022581	1-1/4	30-34	#5 Spline	2-Jaw	DOT	1,020	3,500	900-1,800	1,220-2,440	2,800	3,790	22.5	10.2	48	22.6	1/2"
CP0611 HAZED	T022582	1-1/4	30-34	1	2-Jaw	DIT	1,020	3,500	900-1,800	1,220-2,440	2,800	3,790	22.5	10.2	48	22.6	1/2"
CP0610 GALED	T018046	3/4 - 1-1/8	22-27	1	3-Jaw	DOT	825	3,000	200-950	270-1,258	1,350	1,830	20.5	9.3	48	22.6	1/2"
CP0610 PALED	T018253	3/4 - 1-1/8	22-27	1	3-Jaw	DIT	825	3,000	200-950	270-1,285	1,350	1,830	20.5	9.3	48	22.6	1/2"
CP6110 GASED	T024425	3/4 - 1-1/4	24-30	1	Twin Lobe	DOT	960	3,500	376-1,250	510-1695	1,900	2,575	21.5	9.7	53	25.0	1/2"
CP6110 PASED	T025100	3/4 - 1-1/4	24-30	1	Twin Lobe	DIT	960	3,500	376-1,250	510-1695	1,900	2,575	21.5	9.7	53	25.0	1/2"
CP6920 PALED	615 190 6920	1-1/4 - 1-3/8	30-34	1	Pinless Rocking Dog	DIT	630	5,500	959-1,770	1,300-2,400	2,065	2,800	23.0	10.5	35	16.7	1/2"

All models: Hose int. 1/2" (13mm) - @90 PSI (@6.3 Bar) - DIT: D-Handle Inside trigger - DOT: D-Handle Outside trigger. *Values @90 PSI (@6.3 bar) - 4 sec. **Values @90 PSI (@6.3 bar) - 10 sec. *** Values at free speed.

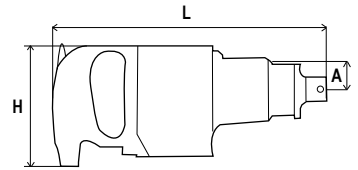
Dimensions and Accessories



CP6120 PASSED

DIMENSIONS

MODEL	DIMENSIONS					
	L		H		SIDE TO CENTER-A	
	in.	mm	in.	mm	in.	mm
CP6120 ...	14.8	375	6.5	165	2.12	54
CP0614 ...	16.4	417	6.5	165	2.36	60



ACCESSORIES INCLUDED

DESCRIPTION	CP6120	CP0614
Support handle	CA048548	C039428
Band-Handle	C119061	-
Screw-Allen Cap	P073025	-
Retainer ring with steel insert	C-134695	C-134695



ACCESSORIES

SOCKETS

INDIVIDUAL SOCKETS (METRIC)



MODEL	DESCRIPTION	PART NO.
S1041M	1-1/2" DR STD Impact Socket 41mm	894 016 9348
S1046M	1-1/2" DR STD Impact Socket 46mm	894 016 9349
S1050M	1-1/2" DR STD Impact Socket 50mm	894 016 9350
S1055M	1-1/2" DR STD Impact Socket 55mm	894 016 9351
S1060M	1-1/2" DR STD Impact Socket 60mm	894 016 9352
S1065M	1-1/2" DR STD Impact Socket 65mm	894 016 9353
S1070M	1-1/2" DR STD Impact Socket 70mm	894 016 9354
S1075M	1-1/2" DR STD Impact Socket 75mm	894 016 9355
S1080M	1-1/2" DR STD Impact Socket 80mm	894 016 9356
S1085M	1-1/2" DR STD Impact Socket 85mm	894 016 9357
S1090M	1-1/2" DR STD Impact Socket 90mm	894 016 9358
S1080MD	1-1/2" DR Deep Impact Socket 80mm	894 016 9359

ADAPTER

MODEL	DESCRIPTION	PART NO.
A1016	1-1/2" DR x 1 Male adapter with Pin/Hole	894 016 9360
A1040	1-1/2" DR x 2-1/2" Male adapter with Pin	894 016 9361

EXTENSION BAR

MODEL	DESCRIPTION	PART NO.
E105	1-1/2" DR x 5" Extension Bar with Pin/Hole	894 016 9362
E1010	1-1/2" DR x 10" Extension Bar with Pin	894 016 9363
E1020	1-1/2" DR x 20" Extension Bar with Pin	894 016 9364

UNIVERSAL JOINT

MODEL	DESCRIPTION	PART NO.
J10U	1-1/2" DR Universal Joint with Pin/Hole	894 016 9365

More sizes available in the CP Impact Sockets catalog.



RETAINER RING with STEEL INSERT



SQUARE DRIVE	INSIDE DIAMETER OF RED RING		PART NO.
	in.	mm	
1-1/2"	2-7/8	73	C-134693
1-1/2"	3-3/8	86	C-134694
1-1/2"	3-7/8	98	C-134695
1-1/2"	4-3/8	111	C-134696

GLOVES



DESCRIPTION	PART NO.
Impact Gloves: Large	894 015 8618
Impact Gloves: Extra Large	894 015 8619

LUBRICATION



OIL PROTECTO-LUBE FOR MOTOR	PART NO.
4oz. (0.12 l) - Air Tool Oil	CA149661
20.8oz (0.591 l) - Air Tool Oil	CA000046
1 Gal (3.8l) - Airoilene oil	P089507

GREASE PNEU-LUBE FOR CLUTCH	PART NO.
Pneu-Lube 100GM Tube	894 015 8455
Pneu-Lube Cartridge	894 015 8456
Pneu-Lube 7# Can	894 015 8457
Grease Gun + 2 Nozzles	C098689



For Air Line accessory products, Balancers please see pages 78 to 93



Impact Wrench 1-1/2"

601 to 2,400 ft.lb (815 to 3,250 Nm)

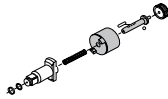
CP6120 PASEL

CP6120 GASED

CP6120 GASEL



Clutch: 2-Jaw

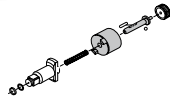


CP0614 PALED

CP0614 GALED



Clutch: 2-Jaw



FEATURES and BENEFITS

- Durable Steel Clutch Housing for Super Duty and strong construction
- Designed for Super Duty and harsh applications
- Reliability and extreme power provided by a durable 2-Jaw clutch
- D-Handle shape with internal trigger
- 3-piece construction engineered for easy maintenance
- Adjustable Side Handle allows repositioning of tool according to the application



Clutch: 2-Jaw

Available with External trigger:
CP6120 GASED or CP6120 GASEL

CP6120 PASEL

JOINT TYPE

DRIVE	MODEL	DUTY	SOFT	MEDIUM	HARD
1-1/2"	CP6120	***	x	x	x
	CP0614	**	x	x	x

Torque ranges should be used as a guide only. Final torque will depend on the joint, operating pressure and drive accessories.

MODEL	PART NUMBER	BOLT SIZE GRADE		DRIVE	CLUTCH TYPE	HANDLE STYLE	BLOWS PER MIN.	FREE SPEED	WORKING TORQUE (FW)*		MAX. TORQUE (REV)**		NET WEIGHT		AIR CONS. ***		AIR INLET
		SAE 5 in.	ISO 8.8 mm						in.	ft.lb	Nm	ft.lb	Nm	lb	kg	cfm	
CP6120 PASED	T018841	1-1-1/2	27-36	1-1/2	2-Jaw	DIT	960	3,000	601-1,999	815-2,710	3,500	4,740	33.9	15.4	60	28.3	1/2"
CP6120 PASEL	T018235	1-1-1/2	27-36	#5 Spline	2-Jaw	DIT	960	3,000	601-1,999	815-2,710	3,500	4,740	33.9	15.4	60	28.3	1/2"
CP6120 GASED	T018237	1-1-1/2	27-36	1-1/2	2-Jaw	DOT	960	3,000	601-1,999	815-2,710	3,500	4,740	33.9	15.4	60	28.3	1/2"
CP6120 GASEL	T017755	1-1-1/2	27-36	#5 Spline	2-Jaw	DOT	960	3,000	601-1,999	815-2,710	3,500	4,740	33.9	15.4	60	28.3	1/2"
CP0614 GALED	T020021	1-3/8	33-40	1-1/2	2-Jaw	DOT	500	2,500	1,200-2,400	1,620-3,250	4,000	5,420	31.5	14.3	58	27.4	1/2"
CP0614 PALED	T020022	1-3/8	33-40	1-1/2	2-Jaw	DIT	500	2,500	1,200-2,400	1,620-3,250	4,000	5,420	31.5	14.3	58	27.4	1/2"

All models: Hose int. 3/4" (19mm) - @90 PSI (@6.3 Bar) DIT: D-Handle Inside trigger / DOT: D-Handle Outside trigger. *Values @90 PSI (@6.3 bar) - 4 sec. **Values @90 PSI (@6.3 bar) - 10 sec. *** Values at free speed.

Market Segments

ENERGY



Oil & Gas



Petrochemical



Mining



Power Generation

METAL TRANSFORMATION



Foundries



Metal Working



Construction



Heavy Production

MANUFACTURING



Shipyards



Rolling Stock



Wood & Composite



Medium Industries

Screwdrivers



CP2006

Screwdriver Features













SCREWDRIVER SELECTION

SELECTION GUIDE

1. Types of Screws

Many types of screws are available and are selected depending on the application and material. In addition, thread geometry (insertion speed), and head imprint also influence the choice of the bits and the screwdrivers.



THE MAIN SCREWS TYPES ARE:		THE TYPE OF IMPRINT MAY BE...	
 METRIC Generally used with nuts and threaded holes.		SLOTTED Mainly used in the wood, eye-glasses, electronics sectors, etc.	
 SELF-THREADING These form the thread and tighten at the same time. The thread is created by deformation of the material, making this kind of screw particularly suitable for plastic, wood and other lightweight materials.		CROSS-SLOTTED (PHILIPS-POZIDRIVE) Used on plastic, sheet metal and wood; the cross-slot improves the connection between screw and screwdriver.	
 SELF-TAPPING These are metric screws with special grooves on their threaded shanks which allow the shavings created during tightening to be removed.		TORX This transmits higher torque levels with lower axial thrust. The imprint offers a larger surface contact and effective connection with minimum clearance.	
 THREE-LOBE These are metric screws that tap through the special lobe shape of the shank, thereby deforming the material rather than removing it.		HEX SOCKET SCREW (Allen screw) Normally with metric pitch, it can be used in small spaces.	
 SELF-DRILLING These are self-threading screws with a special "drill" tip that makes the hole during drilling.		HEX HEAD Used in many sectors, both in the metric and in the self-threading and self-drilling versions etc. Particularly effective for high tightening torque levels.	
THE SCREWS CAN BE FITTED WITH:			
 BUILT-IN FLAT WASHER This improves the quality of tightening and makes tightening cycle times quicker.		KNURLED WASHER UNDER THE HEAD Fixed or mobile, it reduces the chances of the screw from accidentally loosening.	

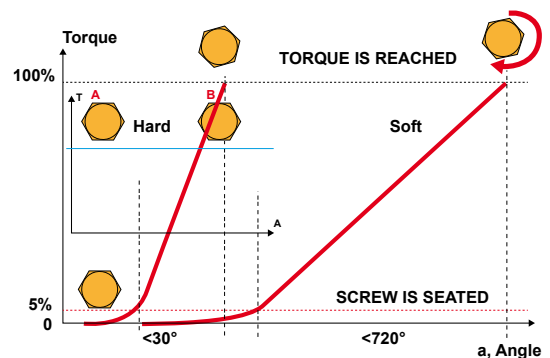
2. Types of Joints

Steel, aluminium, plastic and wood, etc ... create different type of joints and therefore require different tightening forces. That is why it is so important to know are the material used for the joint and what are their specifications to select the perfect screw and screwdriver.

The joints can be differentiate as such:

- Soft: the torque is reached after 2 revolutions (>720°)
- Hard: the torque is reached with a maximum of 30°

As each tightening is unique, you could consider some variations as Very Soft and Medium Soft or Very Hard and Medium Hard.



3. Screws Selection Charts

Fastener Torque Values

THREAD SIZE	MACHINE SCREWS					THREAD FORMING/ROLLING SCREWS
	4.6	5.8	8.8	10.9	12.9	8.8
THREAD SIZE	RECOMMENDED TORQUE (Nm)					RECOMMENDED TORQUE (Nm)
M1.6	0.07	0.12	0.19	-	-	-
M2	0.15	0.24	0.38	-	-	0.5
M2.2	0.19	0.31	0.51	-	-	-
M2.5	0.28	0.48	0.77	-	-	-
M3	0.51	0.85	1.4	1.9	2.3	1.4
M3.5	0.8	1.34	2.2	3.0	3.6	-
M4	1.2	2.0	3.2	4.5	5.4	3.2
M5	2.4	4.0	6.4	9.0	10.7	6.5
M6	4.1	6.8	10.9	15.3	18.3	11
M8	9.8	16.3	26.1	36.8	44.1	26
M10	19.3	32.2	51.5	72	86.9	52
M12	33.6	56	90	126	151	91

For non metric threads please use the following data as a guide.

THREAD SIZE	QUALITY P		QUALITY S		QUALITY T	
	Nm	lbf ft	Nm	lbf ft	Nm	lbf ft
1/4	5.4	4.0	10	7.6	11	8.2
5/16	11.2	8.3	21	15.7	23	17.0
3/8	20.0	14.7	38	27.9	41	30.2
7/16	32.0	23.5	61	44.8	85	48.3
1/2	48.8	36.0	93	68.4	100	73.8

Selecting the Correct Screwdriver

4. Joint/Clutch Combinations

The chart below correlates different joint and clutch combinations. This chart is helpful for initially determining the most likely combination, however on-site testing is recommended to ensure that proper tooling is used for the application.

	Direct Drive	Cushion		Shut-off		
		CP27 Series	CP26 Series	CP20 Series	CP26 Series	CP20 Series
Soft joint (A) and hard joint (B) / metal screw (class 8,8)						
The initial torque required is very low and grows gradually (soft joint A) or rapidly (hard joint B) when the screw head begins to slip on the joint.		Best				xx
		Better		xx	xx	
		Good	x	x		
Sheet metal joint / self-threading screw						
The initial torque for forming the thread is lower than the final tightening torque.		Best			xxx	xxx
		Better	xx	xx		
		Good	x			
Enamelled sheet metal joint / self-threading screw						
The initial torque for forming the thread is higher than the final tightening torque.		Best				
		Better	xx	xx		
		Good	x		x	x
Sheet metal joint / self-drilling screw						
The initial torque for making the hole and forming the thread tends to increase rapidly when the screw head slips on the joint.		Best			xxx	xxx
		Better				
		Good	x	x		
Joint with self-locking nut						
The initial torque required to overcome the friction generated by the plastic insert in the nut tends to increase rapidly when the screw head slips on the joint.		Best			xxx	xxx
		Better	xx	xx		
		Good	x			
Joint for wood / plastic screw						
The torque level increases gradually and constantly until the final peak when the screw slips on the joint.		Best	xxx			
		Better		xx	xx	
		Good				x

Checklist for screwdriver selection

- Type of screws
- Type of joints
- Clutch selection
- Tools shape for Handle Type
- Torque and speed requirements

It is therefore important that the right screwdriver is selected to give :

- Accuracy
- High Productivity
- Good Ergonomics
- Improved Quality

xxx Best
 xx Better
 x Good

5. Clutch Type



Direct drive

- No clutch, directly driven bit
- Stall torque regulated to air pressure
- Easy to use and maintain
- Ergonomic handling (light weight, size...)



Cushion clutch

- High speed rundown
- Torque output adjusted by the spring tension
- Clutch ratchets at preset torque
- Easy to use, to adjust and to maintain



Shut-off clutch

- Clutch shut-off the fastening at the preset torque
- Various speeds according to the models
- Torque adjustments for accurate tightenings
- Various shapes and starting mode for all types of applications

6. Screwdrivers Torque and Speed range

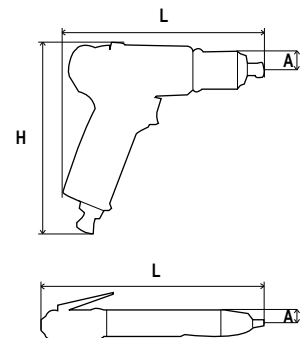
MODEL	TYPE OF CLUTCH	TORQUE RANGE in.lbs (Nm)												START	FREE SPEED	STRAIGHT OR PISTOL	
		18 (2.0)	35 (4.0)	53 (6.0)	71 (8.0)	88 (10.0)	106 (12)	124 (14)	142 (16)	159 (18)	177 (20)	195 (22)	212 (24)				230 (26)
CP2754	DIRECT	[Red bar]												TRIGGER	1,450		
CP2764	DIRECT	[Red bar]												TRIGGER	600		
		4.4 (0.5)	8.8 (1.0)	18 (2.0)	30 (3.0)	35 (4.0)	44 (5.0)	53 (6.0)	62 (7.0)	71 (8.0)	80 (9.0)	88 (10.0)	97 (11.0)	106 (12.0)		rpm	
CP2011	CUSHION	[Red bar]												LEVER	1,470		
CP2009	CUSHION	[Red bar]												LEVER	1,100		
CP2623	CUSHION	[Red bar]												LEVER	1,700		
CP2006	CUSHION	[Red bar]												TRIGGER	1,100		
CP2612	CUSHION	[Red bar]												TRIGGER	1,700		
CP2005	SHUT-OFF	[Red bar]												TRIGGER	1,100		
CP2611	SHUT-OFF	[Red bar]												TRIGGER	1,000		
CP2010	SHUT-OFF	[Red bar]												PUSH	1,470		
CP2012	SHUT-OFF	[Red bar]												LEVER	1,100		
CP2003	SHUT-OFF	[Red bar]												PUSH	1,100		
CP2007	SHUT-OFF	[Red bar]												PUSH	1,100		
CP2008	SHUT-OFF	[Red bar]												LEVER	1,100		
CP2622	SHUT-OFF	[Red bar]												PUSH	1,700		
CP2621	SHUT-OFF	[Red bar]												PUSH	1,000		

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS					
	L		H		SIDE TO CENTER (A)	
	in.	mm	in.	mm	in.	mm
CP2011	10.9	278	-	-	0.67	17
CP2009	10.8	275	-	-	0.63	16
CP2006	7.2	182	5.6	143	0.67	17
CP2754	8.3	210	6.9	175	0.75	19
CP2764	9.0	228	6.7	170	0.75	19
CP2612	7.5	190	6.9	175	0.71	18
CP2623	8.2	207	-	-	0.71	18



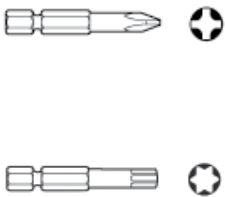
ACCESSORIES INCLUDED



MODEL	DESCRIPTION	PART NO.
CP2009, CP2011	Suspension bail Clutch key	467003 29932
CP2006	Suspension bail Clutch Adjustment Hexagonal key	307683 - 69773
CP2623, CP2612	Suspension bail Bits (2 Phillips E6.3) Color ring (4) Nipple Male 1/4"NPT	894 016 8729 894 020 0791 894 016 8074 -
CP2754, CP2764	Suspension bail	61413

OPTIONAL ACCESSORIES

BITS



MODEL	DESCRIPTION		PART NO.
	in.	mm	
1/4" HEX POWER PHILIPS			
PH1	2	50	111522
PH2	2	50	111532
PH3	2	50	111542
1/4" HEX POWER TORX			
T10	2	50	111352
T15	2	50	111372
T20	2	50	111382
T25	2	50	111392

ADAPTERS



DESCRIPTION	PART NO.
A = 1/4" NPT - B = 1/4" BSP	181523
A = 1/8" NPT - B = 1/8" BSP	61103

LUBRICATION



OIL PROTECTO-LUBE FOR MOTOR	PART NO.
4oz. (0.12 l) - Air tool oil	CA149661
20.8oz (0.591 l) - Air tool oil	CA000046
1 Gal (3.8l) - Airoilene oil	P089507

REAR EXHAUST HOSE ASSEMBLY - NOISE REDUCER



MODEL	DESCRIPTION	PART NO.
CP2764	Noise reducer	205 051 6493

TUNE-UP KITS



MODEL	PART NO.
CP2612	894 016 8416
CP2623	894 016 8330

For Air Line accessory products, Balancers please see pages 78 to 93

Screwdrivers

CP2011

High speed



CP2009

Good accuracy



CP2006

Very ergonomic



CP2623

Lightweight & High speed



CP2754

High speed & Low noise level
Direct drive

CP2764

High torque - Direct drive



Cushion Clutches & Direct Drive

3.5 to 124 in.lb (0.4 to 14 Nm)

FEATURES and BENEFITS

- Multiple combinations of options to suit versatile applications.
- Three air inlets for adaptative tool positioning
- Compact design for easy manipulation
- Keyless clutch for the easy torque adjustment
- 1700 rpm for higher productivity
- One-hand reverse & soft grip for easy handling
- Low vibration & noise level for operator comfort



	MODEL	PART NUMBER	FREE SPEED rpm	OUTPUT DRIVE in.	TORQUE RANGE				NET WEIGHT		AIR CONSUMPTION AT FREE SPEED		AIR INLET in.
					MIN. in.lb	Nm	MAX. in.lb	Nm	lb	kg	cfm	l/s	
CUSHION CLUTCHES	STRAIGHT - LEVER START												
	CP2011	615 192 2011	1,470	Hex. 1/4F	18.0	2.0	49	5.5	2.0	0.9	20	9.0	1/4
	CP2009	615 192 2009	1,100	Hex. 1/4F	3.5	0.4	38	4.3	1.5	0.7	14	6.5	1/8
	CP2623	615 192 2623	1,700	Hex. 1/4F	13.3	1.5	49	5.5	1.8	0.8	28	13.0	1/4
	PISTOL GRIP - TRIGGER START												
	CP2006	615 192 2006	1,100	Hex. 1/4F	3.5	0.4	39	4.4	1.8	0.8	14	6.5	1/8
	CP2612	615 192 2612	1,700	Hex. 1/4F	8.9	1.0	53	6.0	2.0	0.9	21	10.0	1/4
DIRECT DRIVE	PISTOL GRIP - TRIGGER START												
	CP2754	615 192 2754	1,450	Hex. 1/4F	-	-	44	5.0	2.0	0.9	17	8.0	1/4
	CP2764	615 192 2764	600	Hex. 1/4F	-	-	124	14.0	2.2	1.0	17	8.0	1/4

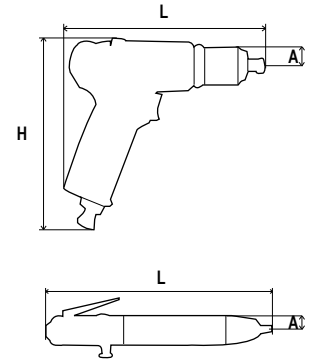
Hose int. CP20: 1/4" (6mm) - CP26 & CP27: 3/8" (10mm) - @90 PSI (@6.3 bar).

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS					
	L		H		SIDE TO CENTRE (A)	
	in.	mm	in.	mm	in.	mm
CP2003	7.7	197	-	-	0.59	15
CP2005	7.2	182	5.6	143	0.67	17
CP2007	9.8	250	-	-	0.59	15
CP2008	10.8	275	-	-	0.63	16
CP2010	10.0	253	-	-	0.67	17
CP2012	10.9	278	-	-	0.67	17
CP2611	9.3	235	6.9	175	1.26	32
CP2621	9.1	232	-	-	1.26	32
CP2622	9.1	232	-	-	1.26	32



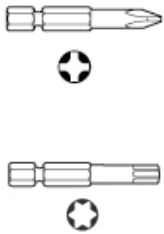
ACCESSORIES INCLUDED



MODEL	DESCRIPTION	PART NO.
CP2007, CP2008, CP2010, CP2012	Suspension bail Chuck key	205 048 2253 29932
CP2003, CP2005	Suspension bail Clutch Adjustment Hexagonal key	307683 - 69773
CP26 Series	Suspension bail Bits (2 Phillips E6.3) Color ring (4) Nipple Male 1/4"NPT	894 016 8729 894 020 0791 894 016 8074 -

OPTIONAL ACCESSORIES

BITS



MODEL	DESCRIPTION		PART NO.
	in.	mm	
1/4" HEX POWER PHILIPS			
PH1	2	50	111522
PH2	2	50	111532
PH3	2	50	111542
1/4" HEX POWER TORX			
T10	2	50	111352
T15	2	50	111372
T20	2	50	111382
T25	2	50	111392

SIDE HANDLE



MODEL	DESCRIPTION	PART NO.
CP2012	Side handle	467033

TUNE-UP KITS



MODEL	PART NO.
CP2622	894 016 8464
CP2621	894 016 8328
CP2611	894 016 8415

ADAPTERS



DESCRIPTION	PART NO.
A = 1/4" NPT - B = 1/4" BSP	181523
A = 1/8" NPT - B = 1/8" BSP	61103

LUBRICATION



OIL PROTECTO-LUBE FOR MOTOR	PART NO.
4oz. (0.12 l) - Air tool oil	CA149661
20.8oz (0.591 l) - Air tool oil	CA000046
1 Gal (3.8l) - Airoilene oil	P089507



For Air Line accessory products, Balancers please see pages 78 to 93



Screwdrivers

CP2010

Fast & high torque



CP2003

Accurate & small

CP2007

Accurate & lightweight



CP2008

Lever Start



CP2012

High torque



CP2005

Accurate & easy handling



CP2622

Very fast

CP2621

High torque & Ergonomic



Shut-Off Clutches

3.5 to 66 in.lb (0.4 to 7.5 Nm)

FEATURES and BENEFITS

- 3 air inlets for multiple applications
- Excellent accuracy for better quality
- Keyless clutch for easy torque adjustment
- One hand reverse & Soft grip for easy handling
- Low vibration & noise level for operator comfort
- 4 Colors ring for better identification



The most versatile pistol

CP2611

SHUT-OFF CLUTCHES

MODEL	PART NUMBER	FREE SPEED rpm	OUTPUT DRIVE in.	TORQUE RANGE				NET WEIGHT		AIR CONSUMPTION AT FREE SPEED		AIR INLET in.
				MIN. in.lb	Nm	MAX. in.lb	Nm	lb	kg	cfm	l/s	
STRAIGHT - PUSH-TO-START												
CP2010	615 192 2010	1,470	Hex. 1/4F	18.0	2.0	49	5.5	2.0	0.9	20	9.0	1/4
CP2003	615 192 2003	1,100	Hex. 1/4F	3.5	0.4	13	1.5	0.9	0.4	9	4.1	1/8
CP2007	615 192 2007	1,100	Hex. 1/4F	3.5	0.4	38	4.3	1.3	0.6	14	6.5	1/8
CP2622	615 192 2622	1,700	Hex. 1/4F	4.4	0.5	40	4.5	1.8	0.8	29	13.7	1/4
CP2621	615 192 2621	1,000	Hex. 1/4F	7.0	0.8	58	6.5	1.8	0.8	31	14.6	1/4
STRAIGHT - LEVER START												
CP2008	615 192 2008	1,100	Hex. 1/4F	3.5	0.4	38	4.3	1.5	0.7	14	6.5	1/8
CP2012	615 192 2012	1,100	Hex. 1/4F	18.0	2.0	49	5.5	2.0	0.9	20	9.0	1/4
PISTOL GRIP - TRIGGER START												
CP2005	615 192 2005	1,100	Hex. 1/4F	3.5	0.4	38	4.3	1.8	0.8	14	6.5	1/8
CP2611	615 192 2611	1,000	Hex. 1/4F	8.8	1.0	66	7.5	2.4	1.1	21	10.0	1/4

Hose int. CP20: 1/4" (6mm) - CP26: 3/8" (10mm) - @90 PSI (@6.3 bar).

Removal Tools - Selection Guide

TOOL TYPE	ACCESSORIES	PAGE
GRINDERS: for carbide burs & mounted points		35 - 43
GRINDERS: for type 1 wheels, cone wheels, depressed center wheels, cup wheels, cut-off wheels & flap wheels		45 - 55
SANDERS: for abrasive discs		47 & 59
RANDOM ORBITAL SANDERS: for abrasive discs		61
BELT SANDERS		63
AIR SCRIBE, CHIPPERS, CHISEL SCALERS, NEEDLE SCALERS		73 - 77

Grinders

Grinders



CP3450-12AB5

Select your Grinder

ERGONOMIC FEATURES

Chicago Pneumatic Abrasive Tools have all the benefits of advanced ergonomics... with the features required to enhance the physical and mental well-being operators need to achieve increased productivity levels:

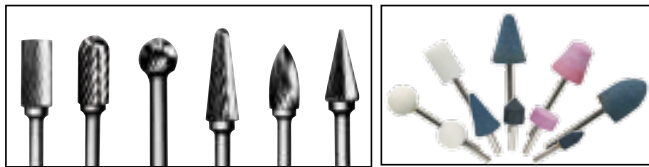
- . Significant sound and vibration reduction - helps reduce operator fatigue and improve performance.
- . Complete line - designed for maximum productivity under rugged conditions.
- . Wide choice of tools - die grinders, small wheel grinders, horizontal grinders, and vertical grinders.
- . Powerful, yet complete and lightweight - produce more power per pound than comparable electric models.
- . Air powered - Minimal risk of electrical shock or overheating - even with continuous use.

Other Features:

- . Rugged construction - to withstand tough use.
- . Head treated internal parts - keep tool operating, minimize repairs.
- . Easy to service - simple replacement of rotor blades usually restores original power.
- . Wide variety of accessories - extended versatility of the tool.

COLLET GRINDERS

Small precision deburring: die grinding is performed with either tungsten carbide, high speed steel burrs or mounted points.



Carbide Burrs

Mounted Points

Recommended speeds depending on the machined and the diameter of the head of the carbide burrs.

Material Type	Diameter of the head of the carbide burrs				
	1/8" (3 mm)	1/4" (6 mm)	3/8" (10 mm)	1/2" (12 mm)	5/8" (16 mm)
Steel	60,000 - 90,000	45,000 - 60,000	30,000 - 40,000	22,500 - 30,000	18,000 - 24,000
Tempered steel	60,000 - 90,000	30,000 - 45,000	19,000 - 30,000	15,000 - 22,500	12,000 - 18,000
Stainless steel	60,000 - 90,000	30,000 - 45,000	19,000 - 30,000	15,000 - 22,500	12,000 - 18,000
Casting	45,000 - 90,000	22,500 - 60,000	15,000 - 40,000	11,000 - 30,000	9,000 - 24,000
Titanium	60,000 - 90,000	30,000 - 45,000	19,000 - 30,000	15,000 - 22,500	12,000 - 18,000
Nickel	60,000 - 90,000	30,000 - 45,000	19,000 - 30,000	15,000 - 22,500	12,000 - 18,000
Copper & copper alloys	45,000 - 90,000	22,500 - 60,000	15,000 - 40,000	11,000 - 30,000	9,000 - 24,000
Aluminium	30,000 - 90,000	15,000 - 70,000	10,000 - 50,000	7,000 - 3,800	6,000 - 30,000
Plastics	30,000 - 90,000	15,000 - 70,000	10,000 - 50,000	7,000 - 3,800	6,000 - 30,000
Cermet	60,000 - 90,000	30,000 - 45,000	19,000 - 30,000	15,000 - 22,500	12,000 - 18,000

The choice of burr depends on the size of your application. A larger volume of material to be removed will require a bigger size of abrasive.

Select the tool rpm depending on the diameter of the burr head, the material to be ground and the material in the rotary burr. Use tungsten carbide burrs for hard and tough materials. High speed steel burrs are recommended for unhardened and medium hard materials. See table:

SAFETY INSTRUCTIONS

Projectile Hazards for all air tools

- Always wear impact resistant eye and face protection when involved with or near the operation or the repair of air tools.

Noise Hazards

- Hearing loss can result from prolonged exposure to excessive sound levels.
- Use hearing protection as recommended by your employer or OSHA regulation (see 29 CFR part 1910).

Additional Hazards

- Slip/Trip/Fall is a major cause of serious injury or death. Beware of excess hose/cord left on the walking or work surface.
- Operators and maintenance personnel must be physically fit to perform job tasks, and handle the bulk, weight and power of the tool.
- Deburring tools should be used to reduce risk of cuts and abrasions due to burrs.
- Wear gloves to protect hands from sharp edges.

Breathing Hazards

- Proper breathing protection must be worn when working with materials which produce airborne particles.

Vibration Hazards

- Repetitive work motions, awkward positions and exposure to vibration may be harmful to your hands and arms.
- If numbness, tingling, pain or whitening of the skin occurs, stop using tool and consult a physician.



Please refer to tool documentation for additional information.

WHEEL GRINDERS

Pure material removal, regardless of whether it is removed from a cramped or an open space, is determined by the power generated at the grinding process.

The applied feed force and the rotation of the wheel generates a cutting force which multiplied by the peripheral speed of the wheel represents the power removing material (power = peripheral speed x cutting force).

Chicago Pneumatic grinders features a high degree of safety. Safety throttles, over-speed shut-off and wheel guards are good examples of product safety features carried by your grinders.

The table below will help you to translate the peripheral speed of the grinding wheel to the correct rotational speed of the grinder when using a specific diameter of grinding wheel.

Diameter in. (mm)	Maximum work speed in m/s or Feet/Min							
	32	35	40	50	63	80	100	125
1 (25)	6,300	6,890	7,875	9,842	12,401	15,750	19,685	24,600
1-1/4 (32)	24,450	26,740	30,560	38,200	48,130	61,120	76,390	95,490
1-9/16 (40)	19,100	20,890	23,870	29,840	37,600	47,750	59,680	74,600
2 (50)	15,280	16,710	19,100	23,870	30,080	38,200	47,750	59,680
2-1/2 (63)	1,220	1,3370	1,5280	1,9100	2,4060	3,0560	3,8200	4,7750
3 (80)	9,700	10,610	12,130	15,160	19,100	24,250	30,320	37,890
4 (100)	7,640	8,360	9,550	11,940	15,040	19,100	23,870	29,840
5 (125)	6,110	6,680	7,640	9,550	12,030	15,280	19,100	23,870
6 (150)	4,890	5,350	6,110	7,640	9,630	12,220	15,280	19,100
7 (180)	4,070	4,460	5,090	6,370	8,020	1,190	12,730	15,920
7-7/8 (200)	3,400	3,710	4,240	5,310	6,680	8,490	10,610	13,260
9 (230)	3,060	3,340	3,820	4,780	6,020	7,640	9,550	11,940
9-27/32 (250)	2,660	2,910	3,320	4,150	5,230	6,640	8,300	10,380
11-13/16 (300)	2,440	2,670	3,060	3,820	4,810	6,110	7,640	9,550
	2,040	2,230	2,550	3,180	4,010	5,090	6,370	7,960

How ensure operator safety:

- . Check the tool free speed
- . Match the maximum speed of the abrasive to the grinder
- . Inspect the grinding wheel
- . Inspect the flange
- . Inspect the wheel guard
- . Wear protection goggles, gloves & hearing protection
- . Test run your grinder in a protected area after assembling the wheel
- . Make sure that the tools receive proper maintenance, see service sheet

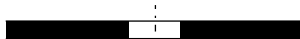
DIFFERENT TYPES OF WHEEL

DEPRESSED CENTER WHEELS



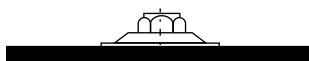
Type 27-42 wheel

CUT OFF WHEELS



Type 1 wheel

CUT OFF WHEEL WITH HUB



Type 27-42 : wheel

FLAP WHEELS



FLAT



CURVED

CUP WHEELS



Type 6 wheel



Type 11 wheel

CONE WHEELS



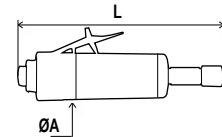
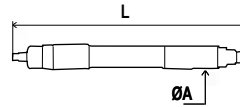
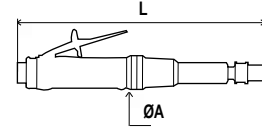
Type 16 - 18 - 18R and 19

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS			
	L		ØA	
	in.	mm	in.	mm
CP3019	6.6	168	1.26	32
CP3019-..ES	9.8	248	1.26	32
CP3000-3..	5.9	150	1.61	41
CP3000-600CR	6.0	153	0.59	15



ACCESSORIES INCLUDED

MODEL	DESCRIPTION	PART NO.
CP3019-..(ES)	Serie 300 collet ø 1/4" (5.55 to 6.35mm)	615 526 0590
	Exhaust hose L= 31" (0.8m)	615 875 1060
	Flat wrench, 7/16" (11mm)	615 801 0030
	Flat wrench, 11/16" (17mm)	615 501 0320
CP3000-3..R/F	Serie 300 collet ø 1/4" (5.55 to 6.35mm)	615 526 0590
	Flat wrench (2)	205 054 8063

MODEL	DESCRIPTION	PART NO.
CP3000-600CR	Collet ø 1/8"	205 054 8553
	Wrench	205 054 8083
CP3000-600CR	Collet ø 3mm	205 054 8563
	Wrench	205 054 8083

OPTIONAL ACCESSORIES

SERIES 300 COLLET



MODEL	CAPACITY	PART NO.
CP3000-3..R/F	Collet, ø 0.4 to 1.2mm	615 526 0520
CP3019-..(ES)	Collet, ø 1.2 to 2mm	615 526 0530
	Collet, ø 1.7 to 2.5mm	615 526 0540
	Collet, ø 1/8" (2.4 to 3.2mm)	615 526 0550
	Collet, ø 3.16 to 3.96mm	615 526 0560
	Collet, ø 3.95 to 4.75mm	615 526 0570
	Collet, ø 4.75 to 5.55mm	615 526 0580
	Collet, ø 1/4" (5.55 to 6.35mm)	615 526 0590

TUNGSTEN CARBIDE BURRS 3MM Ø SHANK

ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/8	3	1/2	13	38122
2	1/8	3	1/2	13	38132
3	1/8	3	5/16	8	38142
4	1/8	3	1/8	3	38152
5	1/8	3	5/16	8	38162
6	1/8	3	5/16	8	38172

TUNGSTEN CARBIDE BURRS 6MM Ø SHANK

ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/4	6	1/2	13	38182
2	1/4	6	5/8	16	38192
3	1/4	6	3/4	19	38202
4	1/4	6	1/4	6	38222
5	3/8	10	3/4	19	36122
6	3/8	10	3/4	19	36132
7	3/8	10	3/4	19	36142
8	3/8	10	3/8	10	36232

1/4" CARBIDE BURRS & RASPS

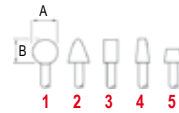
ITEM	DESCRIPTION	PART NO.
1	Burr-Dia 3/8" L 3/4" (19mm)	C056721
2	Burr-Dia 3/8" L 1.06" (27mm)	C056722
3	Rasps Cylinder	KF137769
4	Rasps Ball	KF137770
5	Rasps Barrel	KF137771
6	Rasps Peb point	KF137772

SILENCERS



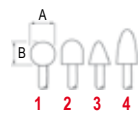
MODEL	DESCRIPTION	PART NO.
CP3019-..(ES)	Kit silencer	615 396 1010
CP3000-3..R	Clippable silencer	615 396 1240

MOUNTED POINTS 3MM Ø SHANK-RED



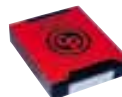
ITEM	MAX SPEED rpm	A		B		PART NO.
		in.	mm	in.	mm	
1	104,000	0.19	5	0.19	5	38582
2	104,000	0.19	5	0.31	8	38522
3	81,000	0.25	6	0.25	6	38632
4	105,000	0.16	4	0.16	4	38562
5	81,000	0.25	6	0.25	6	38542

MOUNTED POINTS 6MM Ø SHANK-RED



ITEM	MAX SPEED rpm	A		B		PART NO.
		in.	mm	in.	mm	
1	59,000	0.62	16	0.62	16	435983
2	50,000	0.79	20	0.62	16	435993
3	45,000	0.79	20	1.10	28	436003
4	48,000	0.79	20	1.26	32	436013

TUNE-UP KITS



MODEL	PART NO.
CP3019-..	205 054 2133
CP3000-600CR	205 054 8613
CP3000-...	205 054 6403

For Air Line accessory products, Balancers please see pages 78 to 93

Die Grinders & High Speed Grinders

CP3019-..

High performance and durability
in a lightweight package
Rear Exhaust



CP3019-..ES

High performance in an extended body
Rear Exhaust



CP3000-3..R

CP3000-3..F

Light and Ergonomic
Rear Exhaust (R)
Front Exhaust (F), please check the local
regulation



**Grinders for carbide burrs
and mounted points**
0.12 to 0.5 hp (90 to 375W)

FEATURES and BENEFITS

- High speed for a precise finish
- Grooved housing for an optimal grip
- Lightweight for high precision operating
- Hose length 8 ft (2.40m)



CP3000-600CR

Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		COLLET CAPACITY		AIR CONSUMPTION				NET WEIGHT		AIR INLET in.
			hp	W	in.	mm	AT FREE SPEED cfm	AT FREE SPEED l/s	AT MAX. OUTPUT cfm	AT MAX. OUTPUT l/s	lb	kg	
0.5 hp (375W) - Governed - Rear exhaust													
CP3019-40	615 160 0130	40,000	0.5	375	1/4	6.35	7.0	15.0	22.0	10.4	0.82	0.37	1/4
CP3019-31	615 160 0120	31,000	0.5	375	1/4	6.35	4.7	10.0	21.0	10.0	0.82	0.37	1/4
CP3019-25	615 160 0110	25,000	0.5	375	1/4	6.35	4.0	8.0	19.0	9.0	0.82	0.37	1/4
CP3019-20	615 160 0100	20,000	0.5	375	1/4	6.35	3.0	6.0	19.0	9.0	0.82	0.37	1/4
CP3019-18	615 160 0090	18,000	0.5	375	1/4	6.35	2.5	5.0	15.0	7.1	0.82	0.37	1/4
CP3019-40ES	615 160 2200	40,000	0.5	375	1/4	6.35	7.0	15.0	21.0	10.0	1.23	0.56	1/4
CP3019-31ES	615 160 2190	31,000	0.5	375	1/4	6.35	4.7	10.0	20.0	9.4	1.23	0.56	1/4
CP3019-25ES	615 160 2180	25,000	0.5	375	1/4	6.35	3.6	8.0	19.0	9.0	1.23	0.56	1/4
CP3019-20ES	615 160 2170	20,000	0.5	375	1/4	6.35	3.3	7.0	18.0	8.5	1.23	0.56	1/4
0.4 hp (300W) - Ungoverned - Rear exhaust													
CP3000-330R	615 160 0160	30,000	0.4	300	1/4	6.35	23.3	11.0	19.0	9.0	0.88	0.40	1/4
CP3000-325R	615 160 0150	25,000	0.4	300	1/4	6.35	21.2	10.0	17.0	8.2	0.88	0.40	1/4
0.4 hp (300W) - Ungoverned - Front exhaust, please check the local regulation													
CP3000-330F	615 160 0170	30,000	0.4	300	1/4	6.35	23.3	11.0	19.0	9.0	0.88	0.40	1/4
CP3000-325F	615 160 0180	25,000	0.4	300	1/4	6.35	21.2	10.0	17.0	8.2	0.88	0.40	1/4
0.12 hp (90W) - Ungoverned - Rear exhaust													
CP3000-600CR	615 160 0140	60,000	0.12	90	1/8	-	8.0	3.6	6.0	2.8	0.31	0.14	1/4
CP3000-600CR	615 160 0330	60,000	0.12	90	-	3	8.0	3.6	6.0	2.8	0.31	0.14	1/4

Hose int.: CP3019: 5/16" (8mm) / CP3000: 3/8" (10mm) / CP3000-600CR: 1/4" (6mm) - @90 PSI (@6.3 bar).

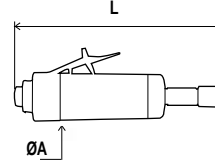
Dimensions and Accessories



CP3000-420R

DIMENSIONS

MODEL	DIMENSIONS			
	L		ØA	
	in.	mm	in.	mm
CP3000-5..	7.6	195	1.73	44
CP3000-4..	7.7	196	1.73	44



ACCESSORIES INCLUDED



MODEL	DESCRIPTION	PART NO.
CP3000-5..R/F	Series 200 collet, ø 1/4" (5.55 to 6.35mm)	205 054 8193
CP3000-4..R/F	Flat wrench	205 054 8193

OPTIONAL ACCESSORIES

SERIES 200 COLLET



MODEL	CAPACITY	PART NO.
CP3000-5..R/F	Collet, ø 1/8" (2.4 to 3.2mm)	615 526 0610
CP3000-4..R/F	Collet, ø 5.2 to 6mm	615 526 0620
	Collet, ø 1/4" (5.55 to 6.35mm)	615 526 0630
	Collet, ø 7.2 to 8mm	615 526 0640
	Collet, ø 3/8" (8.7 to 9.5mm)	615 526 0650

SILENCER



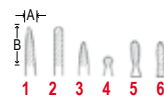
MODEL	DESCRIPTION	PART NO.
CP3000-...R	Kit silencer	615 396 1010
	Clippable silencer	615 396 1240

MOUNTED POINTS 3MM Ø SHANK-RED



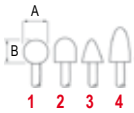
ITEM	MAX SPEED	A		B		PART NO.
		in.	mm	in.	mm	
1	104,000	0.19	5	0.19	5	38582
2	104,000	0.19	5	0.31	8	38522
3	81,000	0.25	6	0.25	6	38632
4	105,000	0.16	4	0.16	4	38562
5	81,000	0.25	6	0.25	6	38542

TUNGSTEN CARBIDE BURRS 3MM Ø SHANK



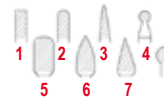
ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/8	3	1/2	13	38122
2	1/8	3	1/2	13	38132
3	1/8	3	5/16	8	38142
4	1/8	3	1/8	3	38152
5	1/8	3	5/16	8	38162
6	1/8	3	5/16	8	38172

MOUNTED POINTS 6MM Ø SHANK-RED



ITEM	MAX SPEED	A		B		PART NO.
		in.	mm	in.	mm	
1	59,000	0.62	16	0.62	16	435983
2	50,000	0.79	20	0.62	16	435993
3	45,000	0.79	20	1.10	28	436003
4	48,000	0.79	20	1.26	32	436013

TUNGSTEN CARBIDE BURRS 6MM Ø SHANK



ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/4	6	1/2	13	38182
2	1/4	6	5/8	16	38192
3	1/4	6	3/4	19	38202
4	1/4	6	1/4	6	38222
5	3/8	10	3/4	19	36122
6	3/8	10	3/4	19	36132
7	3/8	10	3/4	19	36142
8	3/8	10	3/8	10	38232

1/4" CARBIDE BURRS & RASPS



ITEM	DESCRIPTION	PART NO.
1	Burr-Dia 3/8" L 3/4" (19mm)	C056721
2	Burr-Dia 3/8" L 1.06" (27mm)	C056722
3	Rasps Cylinder	KF137769
4	Rasps Ball	KF137770
5	Rasps Barrel	KF137771
6	Rasps Peb point	KF137772

TUNE-UP KITS



MODEL	PART NO.
CP3000-4..	205 054 7863
CP3000-5..	205 054 7923

For Air Line accessory products, Balancers please see pages 78 to 93

Die Grinders

CP3000-5..R

CP3000-5..F

Lightweight and Ergonomic housing
Rear Exhaust (R)
Front Exhaust (F) please check the local regulation



CP3000-4..R

CP3000-4..F

Lightweight and Ergonomic housing
Rear Exhaust (R)
Front Exhaust (F) please check the local regulation



Grinders for carbide burrs and mounted points

0.5 - 0.7 hp (400 - 500W)

FEATURES and BENEFITS

- Lightweight and ergonomic housing for easy handling and comfort
- Low vibration and noise level for operator safety and comfort
- Good productivity for Medium Duty applications
- Improved spindle design for a high durability in Medium Duty applications



CP3000-424R

Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		COLLET CAPACITY		AIR CONSUMPTION				NET WEIGHT		AIR INLET in.
			hp	W	in.	mm	AT FREE SPEED cfm	AT FREE SPEED l/s	AT MAX OUTPUT cfm	AT MAX OUTPUT l/s	lb	kg	
0.7 hp (500W) - Ungoverned - Rear exhaust													
CP3000-520R	615 160 0290	20,000	0.7	500	1/4	6.35	31.8	15	28.0	13	1.89	0.86	1/4
CP3000-518R	615 160 0280	18,000	0.7	500	1/4	6.35	31.8	15	28.0	13	1.89	0.86	1/4
CP3000-515R	615 160 0270	15,000	0.7	500	1/4	6.35	29.7	14	25.0	12	1.89	0.86	1/4
0.7 hp (500W) - Ungoverned - Front exhaust, please check the local regulation													
CP3000-520F	615 160 0320	20,000	0.7	500	1/4	6.35	31.8	15	28.0	13	1.89	0.86	1/4
CP3000-518F	615 160 0310	18,000	0.7	500	1/4	6.35	31.8	15	28.0	13	1.89	0.86	1/4
CP3000-515F	615 160 0300	15,000	0.7	500	1/4	6.35	29.7	14	25.0	12	1.89	0.86	1/4
0.5 hp (400W) - Ungoverned - Rear exhaust													
CP3000-424R	615 160 0220	24,000	0.5	400	1/4	6.35	27.5	13	23.3	11	1.69	0.77	1/4
CP3000-420R	615 160 0210	20,000	0.5	400	1/4	6.35	25.4	12	23.3	11	1.69	0.77	1/4
CP3000-418R	615 160 0200	18,000	0.5	400	1/4	6.35	25.4	12	21.2	10	1.69	0.77	1/4
CP3000-415R	615 160 0190	15,000	0.5	400	1/4	6.35	25.4	12	21.2	10	1.69	0.77	1/4
0.5 hp (400W) - Ungoverned - Front exhaust, please check the local regulation													
CP3000-424F	615 160 0260	24,000	0.5	400	1/4	6.35	27.5	13	23.3	11	1.69	0.77	1/4
CP3000-420F	615 160 0250	20,000	0.5	400	1/4	6.35	25.4	12	23.3	11	1.69	0.77	1/4
CP3000-418F	615 160 0240	18,000	0.5	400	1/4	6.35	25.4	12	21.2	10	1.69	0.77	1/4
CP3000-415F	615 160 0230	15,000	0.5	400	1/4	6.35	25.4	12	21.2	10	1.69	0.77	1/4

All models: Hose int. 3/8" (10mm) - @90PSI (@6.3 bar).

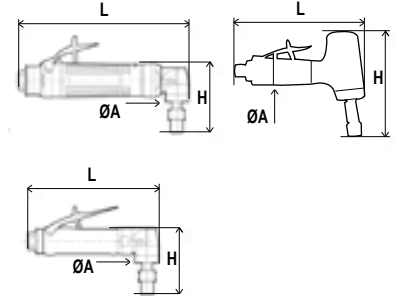
Dimensions and Accessories



CP3030-418R

DIMENSIONS

MODEL	DIMENSIONS					
	L		H		ØA	
	in.	mm	in.	mm	in.	mm
CP3109-13AC	8.5	216	3	76	1.2	30
CP3030-4..R	6.8	174	5.9	149	1.7	43
CP3030-5..R	6.8	174	6.3	160	2.1	53
CP3019-..AC	6.5	166	3	76	1.2	30
CP3030-3..R	6.1	154	4.1	103	1.6	41



ACCESSORIES INCLUDED

MODEL	DESCRIPTION	PART NO.	MODEL	DESCRIPTION	PART NO.
CP3019-..AC	Series 300 collet, ø 1/4" (5.55 to 6.35mm)	615 526 0590	CP3109-13AC	Series 300 collet, ø 1/4" (5.55 to 6.35mm)	615 526 0590
	Exhaust hose 31" (0.8m)	615 875 1060		Exhaust hose 60" (1.5m)	615 875 1130
	Flat wrench, 7/16" (11mm)	615 801 0030		Flat wrench, 7/16" (11mm)	615 801 0030
	Flat wrench, 11/16" (17mm)	615 501 0320		Flat wrench, 11/16" (17mm)	615 801 0320
CP3030-3..R/F	Series 300 collet, ø 1/4" (5.55 to 6.35mm)	615 526 0590	CP3030-4..R/F	Series 200 collet, ø 1/4" (5.55 to 6.35mm)	615 526 0630
	Flat wrench (2)	205 054 8063		CP3030-5..R/F	Wrench (2)

OPTIONAL ACCESSORIES

SERIES 300 COLLET

MODEL	CAPACITY	PART NO.
CP3019-..AC	Collet, ø 3/64" (0.4 to 1.2mm)	615 526 0520
CP3109-13AC	Collet, ø 5/64" (1.2 to 2mm)	615 526 0530
CP3030-3..R/F	Collet, ø 3/32" (1.7 to 2.5mm)	615 526 0540
	Collet, ø 1/8" (2.4 to 3.2mm)	615 526 0550
	Collet, ø 5/32" (3.16 to 3.96mm)	615 526 0560
	Collet, ø 3/16" (3.95 to 4.75mm)	615 526 0570
	Collet, ø 7/32" (4.75 to 5.55mm)	615 526 0580
	Collet, ø 1/4" (5.55 to 6.35mm)	615 256 0590

SERIES 200 COLLET

MODEL	CAPACITY	PART NO.
CP3030-4..R/F	Collet, ø 1/8" (2.4 to 3.2mm)	615 526 0610
CP3030-5..R/F	Collet, ø 5.2 to 6mm	615 526 0620
	Collet, ø 1/4" (5.55 to 6.35mm)	615 526 0630
	Collet, ø 7.2 to 8mm	615 526 0640
	Collet, ø 3/8" (8.7 to 9.5mm)	615 526 0650

SILENCERS

MODEL	DESCRIPTION	PART NO.
CP3109-13AC	Kit silencer	615 396 1660
	Clippable silencer	615 396 6550
CP3019-..	Kit silencer	615 396 1010
	CP3030-..R	Clippable silencer

GREASE GUN

DESCRIPTION	PART NO.
Grease gun (capacity 0.8 oz - 24g)	615 990 1490

TUNGSTEN CARBIDE BURRS 3MM Ø SHANK

ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/8	3	1/2	13	38122
2	1/8	3	1/2	13	38132
3	1/8	3	5/16	8	38142
4	1/8	3	1/8	3	38152
5	1/8	3	5/16	8	38162
6	1/8	3	5/16	8	38172

MOUNTED POINTS 3MM Ø SHANK-RED

ITEM	MAX SPEED rpm	A		B		PART NO.
		in.	mm	in.	mm	
1	104,000	0.19	5	0.19	5	38582
2	104,000	0.19	5	0.31	8	38522
3	81,000	0.25	6	0.25	6	38632
4	105,000	0.16	4	0.16	4	38562
5	81,000	0.25	6	0.25	6	38542

MOUNTED POINTS 6MM Ø SHANK-RED

ITEM	MAX SPEED rpm	A		B		PART NO.
		in.	mm	in.	mm	
1	59,000	0.62	16	0.62	16	435983
2	50,000	0.79	20	0.62	16	435993
3	45,000	0.79	20	1.10	28	436003
4	48,000	0.79	20	1.26	32	4373

TUNGSTEN CARBIDE BURRS 6MM Ø SHANK

ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/4	6	1/2	13	38182
2	1/4	6	5/8	16	38192
3	1/4	6	3/4	19	38202
4	1/4	6	1/4	6	38222
5	3/8	10	3/4	19	36122
6	3/8	10	3/4	19	36132
7	3/8	10	3/4	19	36142
8	3/8	10	3/8	10	36232

1/4" CARBIDE BURRS & RASPS

ITEM	DESCRIPTION	PART NO.
1	Burr-Dia 3/8" L 3/4" (19mm)	C056721
2	Burr-Dia 3/8" L 1.06" (27mm)	C056722
3	Rasps Cylinder	KF137769
4	Rasps Ball	KF137770
5	Rasps Barrel	KF137771
6	Rasps Peb point	KF137772

TUNE-UP KITS

MODEL	PART NO.
CP3019-..AC	205 054 2133
CP3109-13AC	205 054 1673
CP3030-3..	205 054 6403
CP3030-4..	205 054 7863
CP3030-5..	205 054 7923

For Air Line accessory products, Balancers please see pages 78 to 93

Angle Die Grinders

CP3109-13AC

High performance and durability for angle grinding in restricted areas
Rear Exhaust



CP3030-5..R

CP3030-5..F

Good durability and easy maintenance
Rear Exhaust (R)
Front Exhaust (F) please check the local regulation



CP3019-..AC

High Durability and ergonomics for angle grinding in restricted areas
Rear Exhaust



CP3030-4..R

CP3030-4..F

Good durability and easy maintenance
Rear Exhaust (R)
Front Exhaust (F) please check the local regulation



CP3030-3..R

CP3030-3..F

Lightweight construction and easy maintenance
Rear Exhaust (R)
Front Exhaust (F) please check the local regulation



Grinders for carbide burrs and mounted points

0.4 to 0.8 hp (300 to 600W)

FEATURES and BENEFITS

- No bevel gears for increased durability
- Motor is aligned with spindle resulting in a simple maintenance
- Efficient motor for good productivity in Medium Duty applications
- Lightweight construction and ergonomic handle for operator comfort
- Low vibration and noise level for operator safety and comfort



Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		COLLET CAPACITY		AIR CONSUMPTION				NET WEIGHT		AIR INLET in.
			hp	W	in.	mm	AT FREE SPEED		AT MAX OUTPUT		lb	kg	
0.8 hp (600W) - Governed - Rear exhaust													
CP3109-13AC	615 160 4060	13,000	0.8	600	1/4	6.35	21	10.0	32	15.0	2.4	1.10	3/8
0.7 hp (500W) - Ungoverned - Rear (R) & Front exhaust (F), please check the local regulation													
CP3030-520R	615 160 4200	20,000	0.7	500	1/4	6.35	33	15.5	30	14.0	1.87	0.85	1/4
CP3030-518R	615 160 4190	18,000	0.7	500	1/4	6.35	32	15.0	28	13.0	1.87	0.85	1/4
CP3030-520F	615 160 4220	20,000	0.7	500	1/4	6.35	33	15.5	30	14.0	1.87	0.85	1/4
CP3030-518F	615 160 4210	18,000	0.7	500	1/4	6.35	33	15.0	28	13.0	1.87	0.85	1/4
0.5 hp (400W) - Ungoverned - Rear (R) & Front exhaust (F), please check the local regulation													
CP3030-424R	615 160 4150	24,000	0.5	400	1/4	6.35	28	13.0	25	12.0	1.85	0.84	1/4
CP3030-420R	615 160 4140	20,000	0.5	400	1/4	6.35	28	13.0	23	11.0	1.85	0.84	1/4
CP3030-418R	615 160 4130	18,000	0.5	400	1/4	6.35	25	12.0	21	10.0	1.85	0.84	1/4
CP3030-424F	615 160 4180	24,000	0.5	400	1/4	6.35	28	13.0	25	12.0	1.85	0.84	1/4
CP3030-420F	615 160 4170	20,000	0.5	400	1/4	6.35	28	13.0	23	11.0	1.85	0.84	1/4
CP3030-418F	615 160 4160	18,000	0.5	400	1/4	6.35	25	12.0	21	10.0	1.85	0.84	1/4
0.5 hp (375W) - Governed - Rear exhaust													
CP3019-20AC	615 160 4080	20,000	0.5	375	1/4	6.35	11	5.3	20	9.4	1.13	0.51	1/4
CP3019-12AC	615 160 4070	12,000	0.5	375	1/4	6.35	7	3.2	17	8.0	1.13	0.51	1/4
0.4 hp (300W) - Ungoverned - Rear (R) & Front exhaust (F), please check the local regulation													
CP3030-330R	615 160 4100	30,000	0.4	300	1/4	6.35	23	11.0	19	9.0	1.14	0.52	1/4
CP3030-325R	615 160 4090	25,000	0.4	300	1/4	6.35	21	10.0	19	9.0	1.14	0.52	1/4
CP3030-330F	615 160 4110	30,000	0.4	300	1/4	6.35	23	11.0	19	9.0	1.14	0.52	1/4
CP3030-325F	615 160 4120	25,000	0.4	300	1/4	6.35	21	10.0	19	9.0	1.14	0.52	1/4

All models: Hose int. 3/8" (10mm) except CP3019: 5/16" (8mm) - @90PSI (@6.3 bar).

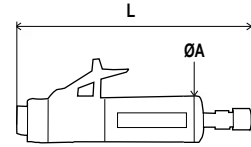
Dimensions and Accessories



CP3109-28

DIMENSIONS

MODEL	DIMENSIONS			
	L		ØA	
	in.	mm	in.	mm
CP3109-..	8.7	220	1.67	42.5
CP3119	8.7	220	1.67	42.5



ACCESSORIES INCLUDED

MODEL	DESCRIPTION	PART NO.
CP3109-..	Serie 200 collet, ø1/4" (5.55 to 6.35mm)	615 526 0630
CP3119-..	Exhaust hose L= 60" (1.5m)	615 875 1130
	Flap wrench, (14mm)	615 801 0050
	Flap wrench, 3/4" (19mm)	615 801 0760

OPTIONAL ACCESSORIES

SERIES 200 COLLET



MODEL	CAPACITY	PART NO.
CP3109-..	Collet, ø 1/8" (2.4 to 3.2mm)	615 526 0610
CP3119-..	Collet, ø 5.2 to 6mm	615 526 0620
	Collet, ø1/4" (5.55 to 6.35mm)	615 526 0630
	Collet, ø 7.2 to 8mm	615 526 0640
	Collet, ø 3/8" (8.7 to 9.5mm)	615 526 0650

SILENCERS



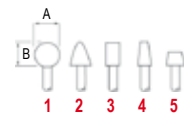
MODEL	DESCRIPTION	PART NO.
CP3109-..	Kit silencer	615 396 1660
CP3119-..	Clippable silencer	615 396 6550

TUNGSTEN CARBIDE BURRS 3MM Ø SHANK



ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/8	3	1/2	13	38122
2	1/8	3	1/2	13	38132
3	1/8	3	5/16	8	38142
4	1/8	3	1/8	3	38152
5	1/8	3	5/16	8	38162
6	1/8	3	5/16	8	38172

MOUNTED POINTS 3MM Ø SHANK-RED



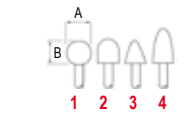
ITEM	MAX SPEED rpm	A		B		PART NO.
		in.	mm	in.	mm	
1	104,000	0.19	5	0.19	5	38582
2	104,000	0.19	5	0.31	8	38522
3	81,000	0.25	6	0.25	6	38632
4	105,000	0.16	4	0.16	4	38562
5	81,000	0.25	6	0.25	6	38542

TUNGSTEN CARBIDE BURRS 6MM Ø SHANK



ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/4	6	1/2	13	38182
2	1/4	6	5/8	16	38192
3	1/4	6	3/4	19	38202
4	1/4	6	1/4	6	38222
5	3/8	10	3/4	19	36122
6	3/8	10	3/4	19	36132
7	3/8	10	3/4	19	36142
8	3/8	10	3/8	10	36232

MOUNTED POINTS 6MM Ø SHANK-RED



ITEM	MAX SPEED rpm	A		B		PART NO.
		in.	mm	in.	mm	
1	59,000	0.62	16	0.62	16	435983
2	50,000	0.79	20	0.62	16	435993
3	45,000	0.79	20	1.10	28	436003
4	48,000	0.79	20	1.26	32	436013

1/4" CARBIDE BURRS & RASPS



ITEM	DESCRIPTION	PART NO.
1	Burr-Dia 3/8" L 3/4" (19mm)	C056721
2	Burr-Dia 3/8" L 1.06" (27mm)	C056722
3	Rasps Cylinder	KF137769
4	Rasps Ball	KF137770
5	Rasps Barrel	KF137771
6	Rasps Peb point	KF137772



For Air Line accessory products, Balancers please see pages 78 to 93



Die Grinders

Grinders for carbide burrs and mounted points
0.8 - 1.2 hp (600 - 900W)

FEATURES and BENEFITS

- Leading power to cost ratio
- Ergonomic safety lever for operator safety
- Soft grip extension for improved operator comfort
- Optional silencer kit for operator comfort and safety
- Double row bearings for an extended durability



CP3119-..

High power and Governed motor



CP3109-..

Excellent ergonomics and Governed motor



CP3119-22

Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		COLLET CAPACITY		AIR CONSUMPTION				NET WEIGHT		AIR INLET in.
			hp	W	in.	mm	AT FREE SPEED		AT MAX. OUTPUT		lb	kg	
1.2 hp (900W) - Governed - Rear exhaust													
CP3119-22	615 160 0080	22,000	1.2	900	1/4	6.35	28	13	38	18	2.2	1.00	3/8
CP3119-18	615 160 0070	18,000	1.2	900	1/4	6.35	21	10	38	18	2.2	1.00	3/8
CP3119-15	615 160 0060	15,000	1.2	900	1/4	6.35	17	8	36	17	2.2	1.00	3/8
CP3119-12	615 160 0050	12,000	1.2	900	1/4	6.35	13	6	34	16	2.2	1.00	3/8
0.8 hp (600W) - Governed - Rear exhaust													
CP3109-28	615 160 0040	28,000	0.8	600	1/4	6.35	34	16	32	15	2.0	0.90	3/8
CP3109-24	615 160 0030	24,000	0.8	600	1/4	6.35	21	10	32	15	2.0	0.90	3/8
CP3109-19	615 160 0020	19,000	0.8	600	1/4	6.35	13	6	32	15	2.0	0.90	3/8

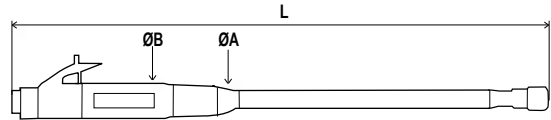
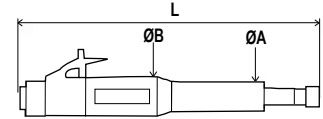
All models: Hose int. 3/8" (10mm) - @90 PSI (@ 6.3 bar).

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS					
	L		ØA		ØB	
	in.	mm	in.	mm	in.	mm
CP3451	13.5	310	1.2	30	1.85	47.0
CP3109-..ES	14.2	361	1.26	32	1.71	43.5
CP3119-..ES	14.2	361	1.26	32	1.71	43.5
CP3119-12EL	23.7	601	1.26	32	1.71	43.5
CP3119-12EXL	33.6	851	1.26	32	1.71	43.5



ACCESSORIES INCLUDED



MODEL	DESCRIPTION	PART NO.
CP3109-..	Serie 200 collet, ø1/4" (5.55 to 6.35mm)	615 526 0630
CP3119-..	Exhaust hose L= 31" (0.8m)	615 875 1130
	Flat wrench, (14mm)	615 801 0050
	Flat wrench, 3/4" (19mm)	615 801 0760



MODEL	ITEM	DESCRIPTION	PART NO.
CP3451	1	Serie 200 collet ø1/4" (5.55 to 6.35mm)	615 526 0630
	2	Exhaust hose (only with CP3451-18SERC)	615 432 0110
	3	Cone wheel adaptor	615 542 1330
	4	Stem	615 801 0810
	.	Wrench (2)	205 049 6453

OPTIONAL ACCESSORIES

SERIES 200 COLLET



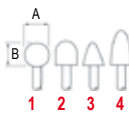
MODEL	CAPACITY	PART NO.
CP3109-..	Collet, ø 1/8" (2.4 to 3.2mm)	615 526 0610
CP3119-..	Collet, ø 5.2 to 6mm	615 526 0620
	Collet, ø 1/4" (5.55 to 6.35mm)	615 526 0610
	Collet, ø 7.2 to 8mm	615 526 0640
	Collet, ø 3/8" (8.7 to 9.5mm)	615 526 0650

TUNGSTEN CARBIDE BURRS 3MM Ø SHANK



ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/8	3	1/2	13	38122
2	1/8	3	1/2	13	38132
3	1/8	3	5/16	8	38142
4	1/8	3	1/8	3	38152
5	1/8	3	5/16	8	38162
6	1/8	3	5/16	8	38172

MOUNTED POINTS 6MM Ø SHANK-RED



ITEM	MAX SPEED	A		B		PART NO.
	rpm	in.	mm	in.	mm	
1	59,000	0.62	16	0.62	16	435983
2	50,000	0.79	20	0.62	16	435993
3	45,000	0.79	20	1.10	28	436003
4	48,000	0.79	20	1.26	32	436013

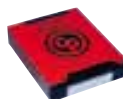
1/4" CARBIDE BURRS & RASPS



ITEM	DESCRIPTION	PART NO.
1	Burr-Dia 3/8" L 3/4" (19mm)	C056721
2	Burr-Dia 3/8" L 1.06" (27mm)	C056722
3	Rasps Cylinder	KF137769
4	Rasps Ball	KF137770
5	Rasps Barrel	KF137771
6	Rasps Peb point	KF137772

TUNE-UP KIT

MODEL	PART NO.
CP3451-..	615 397 3030



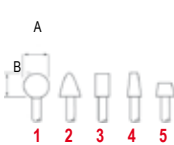
SILENCERS



MODEL	ITEM	DESCRIPTION	PART NO.
CP3109-..	1	Kit silencer	615 396 1660
CP3119-..	2	Clippable silencer	615 396 6550
CP3451	1	Kit silencer	615 574 0760
	3	Exhaust hose	615 432 0110
	3	Overhose	205 054 7523
	4	Exhaust hose adapter*	615 730 1870

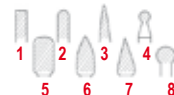
* Needed to fit 1 and 3 on safety lever versions

MOUNTED POINTS 3MM Ø SHANK-RED



ITEM	MAX SPEED	A		B		PART NO.
	rpm	in.	mm	in.	mm	
1	104,000	0.19	5	0.19	5	38582
2	104,000	0.19	5	0.31	8	38522
3	81,000	0.25	6	0.25	6	38632
4	105,000	0.16	4	0.16	4	38562
5	81,000	0.25	6	0.25	6	38542

TUNGSTEN CARBIDE BURRS 6MM Ø SHANK



ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/4	6	1/2	13	38182
2	1/4	6	5/8	16	38192
3	1/4	6	3/4	19	38202
4	1/4	6	1/4	6	38222
5	3/8	10	3/4	19	36122
6	3/8	10	3/4	19	36132
7	3/8	10	3/4	19	36142
8	3/8	10	3/8	10	36232



For Air Line accessory products, Balancers please see pages 78 to 93



Extended Die Grinders

CP3119-..ES

CP3109-..ES

Excellent ergonomics and Governed motor in an extended body



CP3451-18SEC*

Leading cost to power ratio
*Rotative valve, not for CE and North American markets



CP3119-12EL

Excellent ergonomics and Governed motor in a long reach body



CP3119-12EXL

Excellent ergonomics and Governed motor in an extra long reach body



Grinders for carbide burrs and mounted points
0.8 to 1.2 hp (600 to 900W)

FEATURES and BENEFITS

- Powerful tool for versatility
- Governed motor for an optimal speed and productivity
- Low vibration and noise level for operator safety and comfort
- Composite over-housing with thermo insulated grip for operator comfort
- Best performance for grinding in restricted areas
- Cone wheel adaptor



Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		COLLET CAPACITY		AIR CONSUMPTION				NET WEIGHT		AIR INLET in.
			hp	W	in.	mm	AT FREE SPEED		AT MAX. OUTPUT		lb	kg	
1.2 hp (900W) - Governed - Rear exhaust													
CP3119-22ES	615 160 2140	22,000	1.2	900	1/4	6.35	28	13	38	18	3.1	1.40	3/8
CP3119-18ES	615 160 2130	18,000	1.2	900	1/4	6.35	21	10	38	18	3.1	1.40	3/8
CP3119-15ES	615 160 2120	15,000	1.2	900	1/4	6.35	17	8	36	17	3.1	1.40	3/8
CP3119-12ES	615 160 2110	12,000	1.2	900	1/4	6.35	13	6	34	16	3.1	1.40	3/8
CP3119-12EL	615 160 2150	12,000	1.2	900	1/4	6.35	13	6	34	16	4.6	2.10	3/8
CP3119-12EXL	615 160 2160	12,000	1.2	900	1/4	6.35	13	6	34	16	5.9	2.70	3/8
1.0 hp (750W) - Ungoverned - Rear exhaust													
CP3451-18SEC	615 160 2010	18,000	1.0	750	1/4	6.35	40.5	19	37	17	3.1	1.40	3/8
1.0 hp (750W) - Ungoverned - Rotative valve, not for CE and North American markets													
CP3451-18SEC*	615 160 2040	18,000	1.0	750	1/4	6.35	40.5	19	37	17	3.1	1.40	3/8
0.8 hp (600W) - Governed - Rear exhaust													
CP3109-28ES	615 160 2100	28,000	0.8	600	1/4	6.35	34	16	32	15	2.9	1.30	3/8
CP3109-24ES	615 160 2090	24,000	0.8	600	1/4	6.35	21	10	32	15	2.9	1.30	3/8
CP3109-19ES	615 160 2080	19,000	0.8	600	1/4	6.35	13	6	32	15	2.9	1.30	3/8

All models: Hose int. 3/8" (10mm) - @90 PSI (@ 6.3 bar).

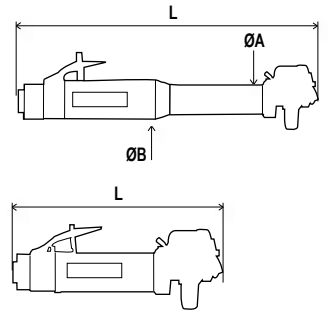
Dimensions and Accessories




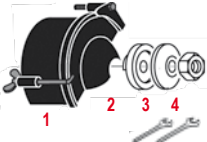
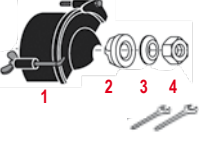
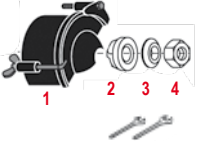
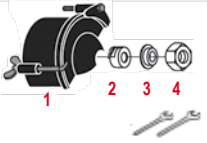
CP3119-18ES3

DIMENSIONS

MODEL	DIMENSIONS					
	L		ØA		ØB	
	in.	mm	in.	mm	in.	mm
CP3119-..	13.3	338	1.26	32	1.71	43.5
CP3451-..	14.2	361	1.18	30	1.87	47.0



ACCESSORIES INCLUDED

	MODEL	ITEM	DESCRIPTION	PART NO.	MODEL	ITEM	DESCRIPTION	PART NO.			
	CP3119-...	.	Exhaust hose L= 31" (0.8m)	615 875 1130	CP3451-..SER.	.	Exhaust hose	615 432 0110			
	CP3119-12ES4	1	4" (100mm) Disc Guard	615 504 1520							
		2	Rear flange 3/8"	615 503 1310							
		3	Front flange 3/8"	615 502 0630							
		4	Locknut	615 608 0440							
		.	Flat wrench, 9/16" (14.3mm)	615 801 0740							
	.	.	Flat wrench, 3/4" (19mm)	615 801 0760							
	CP3119-18ES3	1	3" (80mm) Disc Guard	615 504 1510	CP3119-123X	1	3" (80mm) Disc Guard	615 504 1510			
	CP3119-15ES3	2	Rear flange 3/8"	615 503 1250		2	Rear flange 1/2"	615 503 1270			
	CP3119-12ES3	3	Front flange 3/8"	615 502 0130		3	Front flange 1/2"	615 502 0440			
	CP3119-12ES3X	4	Locknut	615 608 0440		4	Locknut	615 608 0450			
	.	.	Flat wrench, 9/16" (14.3mm)	615 801 0740		.	.	Flat wrench, 3/4" (19mm)	615 801 0760		
	.	.	Flat wrench, 3/4" (19mm)	615 801 0760							
	CP3451-18SE3	1	3" (80mm) Disc Guard	615 504 1910							
	CP3451-18SER3	2	Rear flange	615 503 1620							
		3	Front flange	615 502 0790							
		4	Locknut	615 605 0950							
	.	.	Flat wrench (2)	205 049 6453							
	CP3119-15ES2	1	2-1/2" (63mm) Disc Guard	615 504 1500	CP3451-16SE25	1	2-1/2" (63mm) Disc Guard	615 504 1890			
		2	Rear flange 3/8"	615 503 1260		CP3451-16SER25	2	Rear flange	615 503 1610		
		3	Front flange 3/8"	615 502 0430			3	Front flange	615 502 0800		
		4	Locknut	615 608 0440			4	Locknut	615 605 0950		
		.	.	Flat wrench, 11/16" (17mm)			615 801 0320	.	.	Flat wrench (2)	205 049 6453
			.	Flat wrench, 9/16" (14.3mm)			615 801 0740				

OPTIONAL ACCESSORIES

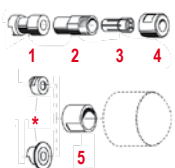
SILENCERS



MODEL	ITEM	DESCRIPTION	PART NO.
CP3119-..	1	Kit silencer	615 396 1660
CP3119-..	2	Clippable silencer	615 396 6550
CP3451	3	Kit silencer	615 574 0760
	4	Exhaust hose	615 432 0110
	5	Exhaust hose adaptor*	615 730 1870

* Needed to fit 3 and 4 on safety lever versions

OTHER ACCESSORIES




MODEL	ITEM	DESCRIPTION	PART NO.
CP3119-..	1	Spacer for collet-holder	615 666 1490
	2	Series 200 collet holder	615 523 0230
	3	Series 200 collet	see page 40
	4	Series 200 collet nut	615 607 1440
	5	Spacer for threaded cone wheel 3/8"	615 503 5160
	*	Rear flange supplied with tool 615 503 1260 or 615 503 1250	


TUNE-UP KIT



MODEL	PART NO.
CP3451	615 397 3030



For Air Line accessory products, Balancers please see pages 78 to 93



Straight Grinders

CP3119-..ES3

CP3119-12ES3X

Excellent ergonomics and Governed motor



CP3119-123X

Short body and Governed motor



CP3119-15ES2

Excellent ergonomics and Governed motor



CP3451-16SE25

CP3451-18SE3

Leading power to cost ratio



CP3451-16SER25*

CP3451-18SER3*

Leading power to cost ratio
*Rotative valve, not for CE and North American markets



Grinders for type 1 wheels and cone wheels

ø 2.5" (63mm) - ø 3" (80mm) - ø 4" (100mm)
0.8 to 1.2 hp (600 to 900W)

FEATURES and BENEFITS

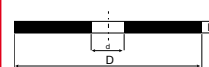
- Powerful tool for versatility
- Governed motor for an optimal speed and productivity
- Low vibration and noise level for operator safety and comfort
- Composite over-housing with thermo insulated grip for operator comfort



CP3119-12ES4

Type 1 wheel

Type 16 - 18 - 18R and 19



Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		WHEEL MAX CAPACITY DxExd		SPINDLE THREAD in.	AIR CONSUMPTION				NET WEIGHT		AIR INLET in.
			hp	W	in.	mm		AT FREE SPEED cfm	l/s	AT MAX OUTPUT cfm	l/s	lb	kg	
1.2 hp (900W) - Governed														
CP3119-18ES3	615 160 6060	18,000	1.2	900	3x1/2x3/8	80x13x9.52	3/8x24	15.0	7.0	34.0	16.0	4.00	1.8	3/8
CP3119-15ES2	615 160 6040	15,000	1.2	900	2.5x1/2x3/8	63x13x9.52	3/8x24	15.0	7.0	34.0	16.0	3.50	1.6	3/8
CP3119-15ES3	615 160 6050	15,000	1.2	900	3x1/2x3/8	80x13x9.52	3/8x24	15.0	7.0	34.0	16.0	3.70	1.7	3/8
CP3119-12ES3	615 160 6010	12,000	1.2	900	3x1/2x3/8	80x13x9.52	3/8x24	15.0	7.0	34.0	16.0	3.70	1.7	3/8
CP3119-12ES3X	615 160 6030	12,000	1.2	900	3x25/32x1/2	80x20x12.7	1/2x20	15.0	7.0	34.0	16.0	3.70	1.7	3/8
CP3119-123X	615 160 6070	12,000	1.2	900	3x25/32x1/2	80x20x12.7	1/2x20	15.0	7.0	34.0	16.0	3.70	1.7	3/8
CP3119-12ES4	615 160 6020	12,000	1.2	900	4x1/2x3/8	100x13x9.52	3/8x24	15.0	7.0	34.0	16.0	4.00	1.8	3/8
0.8 hp (600W) - 1 hp (750W) - Ungoverned														
CP3451-16SE25	615 160 2020	16,000	0.8	600	2.5x1/2x3/8	63x13x9.52	3/8x24	29.5	13.9	27.8	13.1	3.3	1.50	3/8
CP3451-18SE3	615 160 2030	18,000	1.0	750	3x1/2x3/8	80x13x9.52	3/8x24	39.4	18.6	36.9	17.4	3.5	1.60	3/8
0.8 hp (600W) - 1 hp (750W) - Ungoverned - Rotative valve, not for CE and North American markets														
CP3451-16SER25*	615 160 2050	16,000	0.8	600	2.5x1/2x3/8	63x13x9.52	3/8x24	29.5	15.0	27.8	13.1	3.3	1.50	3/8
CP3451-18SER3*	615 160 2060	18,000	1.0	750	3x1/2x3/8	80x13x9.52	3/8x24	39.4	18.6	36.9	17.4	3.5	1.60	3/8

All models: Hose int. 3/8" (10mm) - @90 PSI (@ 6.3 bar).

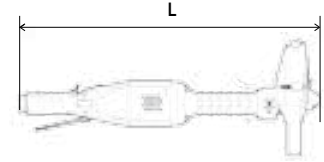
Dimensions and Accessories



CP3249-GABSUDE

DIMENSIONS

MODEL	DIMENSIONS	
	L	
	in.	mm
CP3249-...	19.4	492



ACCESSORIES INCLUDED

	MODEL	ITEM	DESCRIPTION	PART NO.
	CP3249-GABSUDE	1	8" (200mm) Disc Guard	615 504 0780
		2	Rear flange	615 503 0040
		3	Front flange	615 502 0070
		4	Locknut	615 608 0060
		.	Woodruff key	615 630 0190
		.	Flat wrench	615 801 0770
	CP3249-GABSYGE	1	6" (150mm) Disc Guard	615 504 0790
		2	Rear flange	615 503 0280
		3	Front flange	615 502 0270
		4	Locknut	615 608 0060
		.	Woodruff key	615 630 0190
		.	Flat wrench	615 801 0770
	CP3249-GABSYGE FLAP WHEEL	1	6" (150mm) Disc Guard	615 504 0790
		2	Rear flange	615 503 0280
		3	Front flange	615 502 0270
		4	Locknut	615 608 0060
		.	Woodruff key	615 630 0190
		.	Flat wrench	615 801 0770
		*	Flange supplied with flap wheel. To be drilled to fit the diameter of the output shaft of the tool	

OPTIONAL ACCESSORIES

SILENCER



MODEL	DESCRIPTION	PART NO.
CP3249-...	Kit silencer	615 399 4600



For Air Line accessory products, Balancers please see pages 78 to 93



Straight Grinders

CP3249-GABSUDE

High power straight wheel grinders for 8" (200mm) grinding wheels
CE tools, not for North American market



CP3249-GABSUGE with flap wheel

Grinders for type 1 wheels
 ø 6" (150mm) - ø 8" (200mm)
 3.2 - 3.6 hp (2,400 - 2,700W)

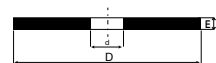
FEATURES and BENEFITS

- Robust housing construction for resistance and durability
- Governed and powerful motor for Super Duty applications
- Robust guard construction for operators safety
- Ergonomic handles for steady grip



CP3249-GABSUGE

Type 1 wheel



Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		WHEEL MAX CAPACITY DxExd		SPINDLE THREAD in.	AIR CONSUMPTION				NET WEIGHT		AIR INLET in.
			hp	W	in.	mm		AT FREE SPEED		AT MAX OUTPUT		lb	kg	
3.6 hp (2,700W) - 3.2 hp (2,400W) - CE tools, not for North American market														
CP3249-GABSUGE	615 160 6180	6,000	3.6	2,700	6x1x5/8	150x25x15.9	5/8-11	27	13	86	41	12.3	5.60	1/2
CP3249-GABSUDE	615 160 6190	4,500	3.2	2,400	8x1x5/8	200x25x15.9	5/8-11	17	8	67	32	13.9	6.30	1/2

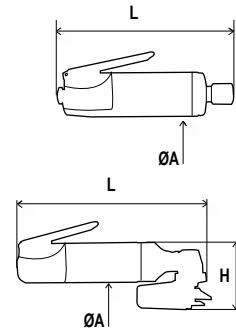
All models: Hose int. 5/8" (15mm) - @90 PSI (@ 6.3 bar).

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS					
	L		H		ØA	
	in.	mm	in.	mm	in.	mm
CP9113G	6.7	170	-	-	2.6	65
CP9113GES	12.6	320	-	-	2.6	65
CP3040GABTIM	8.3	210	3.5	90	2.6	65
CP3040GASTIM	10.6	270	3.5	90	2.6	65



ACCESSORIES INCLUDED

MODEL	DESCRIPTION	PART NO.
CP9113..	Serie 200 collet, ø 1/4" (5.55 to 6.35mm)	615 526 0630
	Flat wrench	205 054 4513
	Flat wrench	205 054 4523



MODEL	ITEM	DESCRIPTION	PART NO.
CP3040...	1	ø 4" (100mm) Guard Disc	205 054 5213
	2	Rear flange 3/8"	205 054 4263
	3	Rear flange 5/8"	205 055 2633
	4	Flange nut 3/8"	205 054 4273
	5	Flange nut 5/8"	205 055 2643
	.	Spanner Wrench (for 3/8" flange)	205 054 4293
	.	Pin Wrench (for 3/8" flange)	205 054 4283
	.	Spanner Wrench (for 3/8" flange)	205 054 4303
	.	Spanner Wrench (for 5/8" flange)	205 055 2953
	.	Pin wrench (for 5/8" flange)	205 055 2943

OPTIONAL ACCESSORIES

SERIES 200 COLLET

MODEL	CAPACITY	PART NO.
CP9113G/ES	Collet, ø 1/8" (2.4 to 3.2mm)	615 526 0610
	Collet, ø 5.2 to 6mm	615 526 0620
	Collet, ø 1/4" (5.55 to 6.35mm)	615 526 0630
	Collet, ø 7.2 to 8mm	615 526 0640
	Collet, ø 3/8" (8.7 to 9.5mm)	615 526 0650

MOUNTED POINTS 3MM Ø SHANK-RED

ITEM	MAX SPEED rpm	A		B		PART NO.
		in.	mm	in.	mm	
1	104,000	0.19	5	0.19	5	38582
2	104,000	0.19	5	0.31	8	38522
3	81,000	0.25	6	0.25	6	38632
4	105,000	0.16	4	0.16	4	38562
5	81,000	0.25	6	0.25	6	38542

TUNGSTEN CARBIDE BURRS 3MM Ø SHANK

ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/8	3	1/2	13	38122
2	1/8	3	1/2	13	38132
3	1/8	3	5/16	8	38142
4	1/8	3	1/8	3	38152
5	1/8	3	5/16	8	38162
6	1/8	3	5/16	8	38172

TUNGSTEN CARBIDE BURRS 6MM Ø SHANK

ITEM	A		B		PART NO.
	in.	mm	in.	mm	
1	1/4	6	1/2	13	38182
2	1/4	6	5/8	16	38192
3	1/4	6	3/4	19	38202
4	1/4	6	1/4	6	38222
5	3/8	10	3/4	19	36122
6	3/8	10	3/4	19	36132
7	3/8	10	3/4	19	36142
8	3/8	10	3/8	10	36232

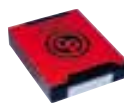
MOUNTED POINTS 6MM Ø SHANK-RED

ITEM	MAX SPEED rpm	A		B		PART NO.
		in.	mm	in.	mm	
1	59,000	0.62	16	0.62	16	38582
2	50,000	0.79	20	0.62	16	38522
3	45,000	0.79	20	1.10	28	38632
4	48,000	0.79	20	1.26	32	38562

1/4" CARBIDE BURRS & RASPS

ITEM	DESCRIPTION	PART NO.
1	Burr-Dia 3/8" L 3/4" (19mm)	C056721
2	Burr-Dia 3/8" L 1.06" (27mm)	C056722
3	Rasps Cylinder	KF137769
4	Rasps Ball	KF137770
5	Rasps Barrel	KF137771
6	Rasps Peb point	KF137772

TUNE-UP KIT



MODEL	PART NO.
CP3451	615 397 3030



For Air Line accessory products, Balancers please see pages 78 to 93



Steel Housing Grinders

CP9113G

Steel body. Easy safety lever operation
Front Exhaust, please check the local regulation



CP3040 GABTIM

Steel body and durable bevel gear
Side Exhaust



CP3040 GASTIM

Steel extended body, and durable bevel gear
Side Exhaust



Die Grinders for carbide burrs and mounted points
Angle Grinders for depressed center and cut-off wheels
ø 4" (100mm) - 1hp (750W)

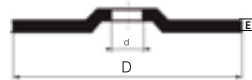
FEATURES and BENEFITS

- Very robust construction
- Steel body for durability and resistance to high temperature contact
- Easy safety lever operation
- Extended shaft

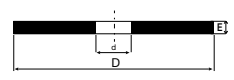


CP9113GES

Type 27-42 wheel



Type 1 wheel



Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		COLLET CAPACITY		MAX. WHEEL CAPACITY DxExd		SPINDLE THREAD in.	AIR CONSUMPTION				NET WEIGHT		AIR INLET in.
			hp	W	in.	mm	in.	mm		AT FREE SPEED cfm	l/s	AT MAX OUTPUT cfm	l/s	lb	kg	
1 hp (750W) - Front exhaust, please check the local regulation																
CP9113G	615 160 0010	25,000	1	750	1/4	6.35	-	-	3/8-24	36.0	17.0	32.0	15.0	2.4	1.15	3/8
1 hp (750W) - Side exhaust																
CP9113GES	615 160 2070	25,000	1	750	1/4	6.35	-	-	3/8-24	36.0	17.0	32.0	15.0	3.6	1.62	3/8
1 hp (750W) - Side exhaust																
CP3040 GABTIM	615 160 7010	13,500	1	750	-	-	4x1/4x3/8 & 5/8	100x7x9.52 & 15.9	3/8-24	32.8	15.5	26.5	12.5	3.4	1.55	3/8
CP3040 GASTIM	615 160 7020	13,500	1	750	-	-	4x1/4x3/8 & 5/8	100x7x9.52 & 15.9	3/8-24	32.8	15.5	26.5	12.5	3.7	1.70	3/8

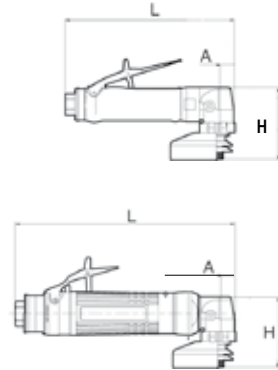
All models: Hose size: 3/8" (10mm) - @90PSI (@6.3 bar).

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS					
	L		H		SIDE TO CENTER - A	
	in.	mm	in.	mm	in.	mm
CP3019-20A3	6.42	163	2.68	68	0.59	15
CP3019-18A3	6.42	163	2.68	68	0.59	15
CP3019-13A4	6.42	163	2.68	68	0.59	15
CP3109-13A4ES	11.3	287	2.68	68	0.59	15
CP3109-13A4	8.54	217	2.68	68	0.59	15



ACCESSORIES INCLUDED

MODEL	ITEM	DESCRIPTION	PART NO.
CP3019-..A4	1	Exhaust hose L= 31" (0.8m)	615 875 1060
	2	4" (100mm) Disc Guard	615 504 1600
	3	Flange	615 606 5150
	4	Flange	615 502 0640
	5	Rear flange	615 503 1440
	.	Pin Wrench	615 802 0080
CP3109-13A4ES CP3109-13A4	1	Exhaust hose L= 60" (1.5m)	615 875 1130
	2	4" (100mm) Disc Guard	615 504 1600
	3	Flange	615 606 5150
	4	Flange	615 502 0640
	5	Rear Flange	615 503 1440
	.	Pin Wrench	615 802 0080
CP3019-..A3 CP3019-..A3	1	Exhaust hose L= 31" (0.8m)	615 875 1060
	2	3" (76mm) Disc Guard	615 504 1550
	3	Flange	615 502 0640
	4	Flange	615 503 1440
	.	Pin Wrench	615 802 0080
	.	Flat wrench 7/16" (11mm)	615 801 0030

OPTIONAL ACCESSORIES

SILENCERS

MODEL	ITEM	DESCRIPTION	PART NO.
CP3019-..	1	Silencer Kit	615 396 1010
	2	Clippable silencer	615 396 1240
CP3109-..	3	Silencer Kit	615 396 1660
	4	Clippable silencer	615 396 6550

EXHAUST HOSE

MODEL	DESCRIPTION	PART NO.
CP3109-..	Reinforced cloth-lined exhaust hose L= 30" (0.75m)	615 875 1160

GREASE GUN

MODEL	DESCRIPTION	PART NO.
CP3019/CP3109	Grease gun (capacity 0.8 oz - 24g)	615 990 1490

TUNE-UP KITS

MODEL	PART NO.
CP3019-..	205 054 2133
CP3109-13A4	205 054 1663
CP3109-13A4ES	205 054 1673



For Air Line accessory products, Balancers please see pages 78 to 93



Angle Grinders

CP3109-13A4ES

Excellent ergonomics and Governed motor in an extended body



CP3019-18A3

CP3019-20A3

High performance and durability in a lightweight package



CP3019-13A4

High performance and durability for angle grinding in confined areas



Grinders for depressed center and cut-off wheels

Ø 3" (76mm) - Ø 4" (100mm)

0.5 - 0.8 hp (375 - 600W)

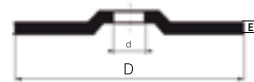
FEATURES and BENEFITS

- Governed motor allows optimal speed and productivity
- Low vibration and noise level increases operator safety and comfort
- Composite encased tool housing with thermo insulated grip for operator comfort
- Best performance when angle grinding in restricted areas

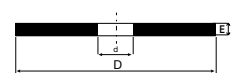


CP3109-13A4

Type 27-42 wheel



Type 1 wheel



Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		WHEEL MAX CAPACITY DxExd		SPINDLE THREAD	AIR CONSUMPTION				NET WEIGHT		AIR INLET
			hp	W	in.	mm		in.	cfm	l/s	cfm	l/s	lb	
0.8 hp (600W) - Governed														
CP3109-13A4	615 160 7030	13,000	0.8	600	4x1/4x3/8 & 5/8	100x7x9.52 & 15.9	3/8-24	21.0	10.0	32.0	15.0	2.60	1.20	3/8
CP3109-13A4ES	615 160 7040	13,000	0.8	600	4x1/4x3/8 & 5/8	100x7x9.52 & 15.9	3/8-24	21.0	10.0	32.0	15.0	3.30	1.50	3/8
0.5 hp (375W) - Governed														
CP3019-20A3	615 160 7070	20,000	0.5	375	3x1/4x3/8	76x7x9.52	3/8-24	12.7	6.0	17.6	8.3	1.40	0.64	1/4
CP3019-18A3	615 160 7060	18,000	0.5	375	3x1/4x3/8	76x7x9.52	3/8-24	10.4	4.9	19.3	9.1	1.40	0.64	1/4
CP3019-13A4	615 160 7050	13,500	0.5	375	4x1/4x3/8 & 5/8	100x7x9.52 & 15.9	3/8-24	7.4	3.5	19.0	9.0	1.46	0.66	1/4

Hose int. CP3019: 5/16" (8mm), CP3109: 3/8" (10mm) - @90 PSI (@6.3 bar).

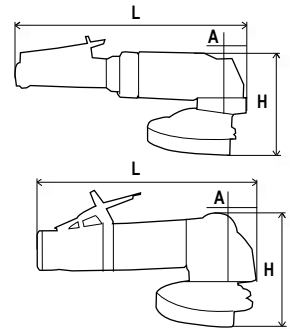
Dimensions and Accessories



CP3450-12AB5

DIMENSIONS

MODEL	DIMENSIONS					
	L		H		SIDE TO CENTER - A	
	in.	mm	in.	mm	in.	mm
CP3241-284B7(E)	12.1	307	4.7	120	1.2	30
CP3241-276B7(E)	12.1	307	4.7	120	1.2	30
CP3450-12A...	9.1	231	4.6	117	1.0	26



ACCESSORIES INCLUDED

MODEL	ITEM	DESCRIPTION	PART NO.
CP3241-284B7E	1	7" (180mm) Disc Guard	205 054 8693
	2	Rear flange	205 054 8933
	3	Front flange	205 054 8953
	4	Cap Screw	205 054 8963
Hex wrench: 205 054 8983 / Flat wrench: 205 054 8993 / Pin wrench: 205 054 9003			
CP3450-12AA5	1	5" (125mm) Disc Guard	615 504 1860
	2	Rear flange M14	615 503 1590
	3	Flange nut M14	615 502 0770
	4	Screw lock	615 614 0900
Flat wrench: 205 048 4230 / Pin wrench: 205 048 6673 / Hex wrench: 895 101 1464			
CP3450-12AC45	1	4.5" (115mm) Disc Guard	615 504 2030
	2	Rear flange 3/8"	205 053 3943
	3	Flange nut 3/8"	205 053 3973
	4	Screw lock	615 614 0900
Flat wrench: 205 048 4230 / Pin wrench: 205 048 5003 / Hex wrench: 895 101 1464			
MODEL	DESCRIPTION	PART NO.	
CP3241-...B7(E)	Side handle Exhaust kit	205 054 8753 205 054 8673	

MODEL	ITEM	DESCRIPTION	PART NO.
CP3241-284B7	1	7" (180mm) Disc Guard	205 054 8693
	2	Rear flange	205 054 8923
	3	Front flange	205 054 8943
	4	Cap Screw	205 054 8963
Hex wrench: 205 054 8983 / Flat wrench: 205 054 8993 / Pin wrench: 205 054 9003			
CP3450-12AB5	1	5" (125mm) Disc Guard	615 504 1860
	2	Rear flange 5/8"	615 503 1600
	3	Flange nut 5/8"	615 502 0780
	4	Screw lock	615 614 0900
Flat wrench: 205 048 4230 / Pin wrench: 205 048 6673 / Hex wrench: 895 101 1464			
CP3450-12AC4	1	4" (100mm) Disc Guard	615 504 1880
	2	Flange (2)	615 606 0430
CP3450-12AC4R	2	Flat wrench	205 048 4230
	3	Pin wrench	205 048 5003
MODEL	DESCRIPTION	PART NO.	
CP3450-..	Side handle Exhaust kit	205 052 4063 205 054 1503	

OPTIONAL ACCESSORIES

SILENCER



MODEL	DESCRIPTION	PART NO.
CP3450-..	Silencer Kit	615 574 0760

PAD



MODEL	DESCRIPTION	PART NO.
CP3450-12AC4/AC45	Backing pad ø 4" (100mm) with nut 3/8"	615 990 1900
CP3450-12AA5/AB5	Backing pad ø 5" (125mm) with nut 5/8" & M14	615 990 1910

COLLET HOLDER

MODEL	DESCRIPTION	PART NO.
CP3450-12AC..	Collet holder	615 990 1900
	Collet nut	615 607 1540
	Collet 1/4"	615 526 0630

TUNE-UP KIT



MODEL	TUNE-UP KIT
CP3241-..	205 054 8773
CP3450-..	615 397 3030

OTHER ACCESSORIES



MODEL	DESCRIPTION	PART NO.
CP3450-..	Low Vibration handle	615 576 0780
	Exhaust hose adapter*	615 730 1870
	Overhose	205 054 7523

*Needed to fit overhose safety lever versions

GREASE GUN



MODEL	DESCRIPTION	PART NO.
CP3450	Grease gun (capacity 0.8 oz - 24g)	615 990 1490
CP3241		



For Air Line accessory products, Balancers please see pages 78 to 93



Angle Grinders

CP3241-284B7

CP3241-276B7

Governed motor and robust construction for an optimal speed and productivity For North American markets



CP3241-284B7E

CP3241-276B7E

Governed motor and robust construction for an optimal speed and productivity CE tools, not for North American markets



CP3450-12AB5



CP3450-12ACR4*

Industry leading cost to power ratio with rotative valve
*Rotative valve, not for CE and North American markets



CP3450-12AC4

CP3450-12AC45



Grinders for depressed center wheels and cut-off wheels

ø 4" (100mm) - ø 4.5" (115mm) - ø 5" (125mm)
ø 7" (180mm) - 1.1 - 2.2 hp (810 - 1,650W)

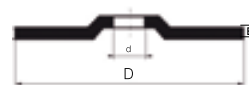
FEATURES and BENEFITS

- Industry leading cost to power ratio
- Ungoverned powerful motor to match all applications
- Orientable safety lever to improve ergonomics and versatility
- Constantly lubricated bevel gears for a high durability
- Angle head low profile, allows grinding in restricted areas and improves operator visibility

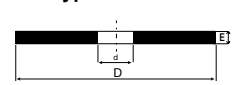


CP3450-12AA5

Type 27-42 wheel



Type 1 wheel



Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		WHEEL MAX CAPACITY DxExd		SPINDLE THREAD in.	AIR CONSUMPTION				NET WEIGHT		AIR INLET in.
			hp	W	in.	mm		AT FREE SPEED cfm	AT MAX OUTPUT l/s	cfm	l/s	lb	kg	
2.2 hp (1,650W) - Governed - For North American markets														
CP3241-284B7	615 160 7160	8,400	2.2	1,650	7x3/8x7/8	180x9.5x22.2	5/8-11	40.0	18.9	66.8	31.5	6.8	3.10	3/8
CP3241-276B7	615 160 7140	7,600	2.2	1,650	7x3/8x7/8	180x9.5x22.2	5/8-11	38.6	18.2	64.7	30.5	6.8	3.10	3/8
2.2 hp (1,650W) - Governed														
CP3241-284B7E	615 160 7150	8,400	2.2	1,650	7x3/8x7/8	180x9.5x22.2	5/8-11	40.0	18.9	66.8	31.5	6.8	3.10	3/8
CP3241-276B7E	615 160 7130	7,600	2.2	1,650	7x3/8x7/8	180x9.5x22.2	5/8-11	38.6	18.2	64.7	30.5	6.8	3.10	3/8
1.1 hp (810W) - Ungoverned														
CP3450-12AC4	615 160 4010	12,000	1.1	810	4x1/4x5/8	100x6.4x16	3/8-24	37.7	18.0	36.0	17.8	3.1	1.42	3/8
CP3450-12AC45	615 160 4030	12,000	1.1	810	4.5x1/4x7/8	115x6.4x22.2	3/8-24	38.2	18.0	36.0	18.0	3.3	1.14	3/8
CP3450-12AA5	615 160 4040	12,000	1.1	810	5x1/4x7/8	125x6.4x22.2	M14x2	38.6	18.0	36.0	18.2	3.3	1.68	3/8
CP3450-12AB5	615 160 4050	12,000	1.1	810	5x1/4x7/8	125x6.4x22.2	5/8-11	38.6	18.0	36.0	18.2	3.3	1.68	3/8
1.1 hp (810W) - Ungoverned - Rotative valve, not for CE and North American markets														
CP3450-12ACR4*	615 160 4020	12,000	1.1	810	4x1/4x5/8	100x6.4x16	3/8-24	38.2	20.0	36.0	18.0	3.1	1.46	3/8

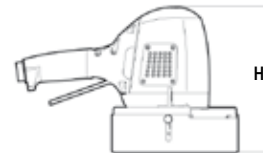
Hose int: CP3241: 1/2" (13mm) - CP3450: 3/8" (10mm) - @90 PSI (@6.3 bar).

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS	
	H	
	in.	mm
CP3349-SALAVADE	7.44	189
CP3349-SALAVELE	7.44	189
CP3349-SALAVETE	8.15	207



ACCESSORIES INCLUDED

	MODEL	ITEM	DESCRIPTION	PART NO.
	CP3349-SALAVELE	1	9" (230mm) Disc Guard	615 504 1830
		2	Rear flange	615 503 1030
		3	Nut	615 542 1040
		4	Locknut	615 614 0340
		.	Pin Wrench	615 802 0100
		.	Flat wrench	615 801 0770
		.	Hex. key	615 802 0560
	CP3349-SALAVADE	1	7" (180mm) Disc Guard	615 504 1820
		2	Rear flange	615 503 1030
		3	Nut	615 542 1040
		4	Locknut	615 614 0340
		.	Pin Wrench	615 802 0100
		.	Flat wrench	615 801 0770
		.	Hex. key	615 802 0560
	CP3349-SALAVETE	1	6" (150mm) Disc Guard	615 504 1810
		2	Rear flange	615 503 1160
		3	Locknut	615 614 0340
		.	Flat wrench	615 801 0770
		.	Hex. key	615 802 0560

OPTIONAL ACCESSORIES

AUTO-BALANCER



MODEL	ITEM	DESCRIPTION	PART NO.
CP3349-SALAVADE/ CP3349-SALAVELE	1	Auto-balancer	615 503 1460

SILENCER



MODEL	DESCRIPTION	PART NO.
CP3349-...	Silencer Kit	615 399 4630



For Air Line accessory products, Balancers please see pages 78 to 93



Vertical Grinders

CP3349-SALAVELE

Governed and High Power motor for Super Duty grinding applications
CE tools, not for North American markets



CP3349-SALAVETE

Governed and High Power motor for Super Duty grinding applications
CE tools, not for North American markets



Grinders for depressed center wheels, cut-off wheels, cup wheels and flap wheels
ø 6" (150mm) - ø 7" (180mm) - ø 9" (230mm)
4 hp (3,000W)

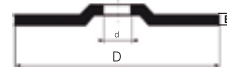
FEATURES and BENEFITS

- Robust housing construction increases durability and extends tool life
- Governed high power motor for super applications
- Built in oil tank allows prolonged use
- Double action safety lever helps prevent accidental startup



CP3349-SALAVADE

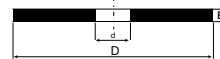
Type 27-42 wheel



Depressed center flap wheels



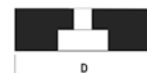
Type 1 wheel



FLAT



Type 6 wheel



Type 11 wheel



Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		WHEEL MAX CAPACITY DxExd		SPINDLE THREAD in.	AIR CONSUMPTION				NET WEIGHT		AIR INLET in.
			hp	W	in.	mm		AT FREE SPEED cfm	l/s	AT MAX OUTPUT cfm	l/s	lb	kg	
4 hp (3,000W) - CE tools, not for North American markets														
CP3349-SALAVADE	615 160 9110	7,700	4.0	3,000	7x3/8x7/8	180x9.5x22.2	5/8-11	40	19	97	46	9.2	4.20	1/2
CP3349-SALAVELE	615 160 9130	6,500	4.0	3,000	9x1/4x7/8	230x6.4x22.2	5/8-11	27	13	93	44	9.7	4.40	1/2
CP3349-SALAVETE	615 160 9150	6,000	4.0	3,000	6	150	5/8-11	25	12	91	43	9.7	4.40	1/2

All models: Hose int. 5/8" (15mm) - @90 PSI (@6.3 bar).

Market Segments

ENERGY



Oil & Gas



Petrochemical



Mining



Power Generation

METAL TRANSFORMATION



Foundries



Metal Working



Construction



Heavy Production

MANUFACTURING



Shipyards



Rolling Stock



Wood & Composite



Medium Industries

Sanders

Sanders



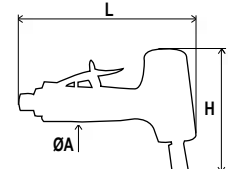
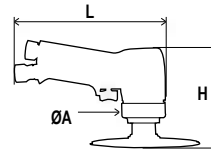
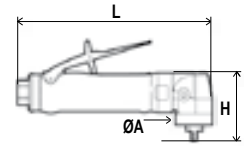
CP3070-120G

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS					
	L		H		ØA	
	in.	mm	in.	mm	in.	mm
CP3070-120G	6.9	175	4.2	108	1.97	50
CP3019-..AF	6.5	166	2.3	59	1.18	30
CP3030-325AFR	6.1	154	3.7	93	1.61	41
CP3030-4..AFR	6.8	174	5.5	139	1.69	43



ACCESSORIES INCLUDED

MODEL	DESCRIPTION	PART NO.
CP3019-..	Exhaust hose 31" (0.80m)	615 875 1060
	Flat wrench	615 801 0030

MODEL	ITEM	DESCRIPTION	PART NO.
CP3070	1	Backing pad 5" (125mm)	205 054 8393
	2	Backing pad 3" (76mm)	205 054 8383
	3	Holder flange	205 054 8403
	.	Wrench kit	205 054 8333

OPTIONAL ACCESSORIES

PADS

MODEL	CAPACITY	PART NO.
CP3019-..	2" (50mm) Pad	205 054 9913
	3" (76mm) Pad	205 054 9923
CP3030-325AFR	2" (50mm) Pad	205 054 9913
CP3030-4/5..AFR	3" (76mm) Pad	205 054 9933

SILENCERS

MODEL	DESCRIPTION	PART NO.
CP3019-..	Silencer kit	615 396 1010
	Clippable silencer	615 396 1240
CP3030-..	Clippable silencer	615 396 1240

COLLET HOLDER


MODEL	ITEM	CAPACITY	PART NO.
CP3030-4..AFR	1	Series 200 collet holder	615 523 0230
CP3030-5..AFR	2	Series 200 collet nut	615 607 1440
	3	Collet, ø 1/8" (2.4 to 3.2mm)	615 526 0610
	.	Collet, ø 5.2 to 6mm	615 526 0620
	.	Collet, ø 1/4" (5.55 to 6.35mm)	615 526 0630
	.	Collet, ø 7.2 to 8mm	615 526 0640

TUNE-UP KITS


MODEL	PART NO.
CP3070-120G	205 054 8293
CP3030-3..	205 054 6403
CP3030-4..	205 054 7863
CP3030-5..	205 054 7923

GREASE GUN

MODEL	DESCRIPTION	PART NO.
CP3019-..	Grease gun (capacity 0.8 oz - 24g)	615 990 1490



For Air Line accessory products, Balancers please see pages 78 to 93



Pistol and Angle Sanders

CP3070-120G

Easy operation for a variety of sanding applications. High durability.



CP3030-515AFR

High performance for angle sanding in restricted areas



CP3030-420AFR

CP3030-415AFR

High performance for angle sanding in restricted areas



CP3019-12AF

Best performance and durability for angle sanding in a lightweight package



CP3030-325AFR

High performance for angle sanding in restricted areas



Sanders for abrasive discs
 ø 2" (50mm) - ø 3" (76mm) - ø 5" (125mm)
 0.4 to 0.7 hp (300 to 500W)

FEATURES and BENEFITS

- Best performance and durability for angle sanding in a lightweight package
- Governed motor for an optimal speed and productivity
- Low vibration and noise level for operator safety and comfort
- Composite over-housing with thermo insulated grip for operator comfort



CP3019-20AF

Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		ABRASIVE MAX CAPACITY		SPINDLE THREAD in.	AIR CONSUMPTION				NET WEIGHT		AIR INLET in.	
			hp	W	in.	mm		AT FREE SPEED cfm	AT MAX OUTPUT l/s	AT FREE SPEED cfm	AT MAX OUTPUT l/s	lb	kg		
0.5 hp (370W) - PISTOL SANDER - Ungoverned															
CP3070-120G	615 162 0090	12,000	0.5	370	5	125	3/8-24	26.0	12.0	22	10.5	2.20	1.00	1/4	
0.7 hp (500W) - ANGLE SANDER - Ungoverned															
CP3030-515AFR	615 162 0100	15,000	0.7	500	3	76	3/8-24	30.0	14.0	25	12.0	2.20	1.00	1/4	
0.5 hp (400 W) - ANGLE SANDERS - Ungoverned															
CP3030-420AFR	615 162 0080	20,000	0.5	400	3	76	3/8-24	28.0	13.0	23	11.0	1.85	0.84	1/4	
CP3030-415AFR	615 162 0070	15,000	0.5	400	3	76	3/8-24	25.0	12.0	21	10.0	1.85	0.84	1/4	
0.5 hp (375 W) - ANGLE SANDERS - Governed															
CP3019-20AF	615 160 7090	20,000	0.5	375	3	76	1/4-20	12.0	5.7	20	9.4	1.40	0.63	1/4	
CP3019-12AF	615 160 7080	12,000	0.5	375	3	76	1/4-20	6.5	3.0	18	8.5	1.40	0.63	1/4	
0.4 hp (300 W) - ANGLE SANDER - Ungoverned															
CP3030-325AFR	615 162 0060	25,000	0.4	300	3	76	1/4-20	21.0	10.0	19	9.0	1.13	0.52	1/4	

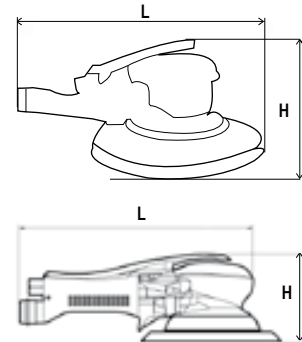
All models: Hose int. 3/8" (10mm) except CP3019: 5/16" (8mm) - @90PSI (@6.3 bar).

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS			
	L		H	
	in.	mm	in.	mm
CP7220/50E	5.0	127	3.7	95
CP7220/50SVE	7.3	186	3.26	83
CP7220/50CVE	7.3	186	3.26	83
CP7220/50HE	9.7	246	3.26	83
CP722/50HCVE	10.0	255	3.26	83
CP9534/CP9674	7.5	190	-	-



ACCESSORIES INCLUDED

MODEL	DESCRIPTION	PART NO.
CP7220/50E	6" (150mm) Pad H&L	615 990 1540
CP7220/50HE	6" (150mm) Pad PSA	615 990 1590
CP7220/50CVE/HCVE	6" (150mm) Pad H&L with 6 holes	615 990 1550
CP7220/50SVE	6" (150mm) Pad PSA with 6 holes	615 990 1600
CP9534/CP9674	6" (150mm) Pad H&L with 6 holes	352493
CP7220/50SVE	Dust extraction kit	894 015 8430

OPTIONAL ACCESSORIES

SANDING PADS (THREAD 5/16"-24)

MODEL	DESCRIPTION	PART NO.
CP7220/50E	6" (150mm) Pad H&L	205 052 3033
CP7220/50HE	6" (150mm) Pad PSA	894 016 3455
CP7220/50CVE/HCVE	6" (150mm) Pad PSA with 6 holes	205 052 3043
CP7220/50CVE/HCVE	6" (150mm) Pad PSA with 15 holes	894 016 8235
CP7220/50CVE/HCVE	6" (150mm) Pad H&L with 15 holes	894 016 8236
CP9534/9674	6" (150mm) Pad H&L	CA149405
CP9534/9674	6" (150mm) Pad PSA with 6 holes	615 990 1180
CP9534/9674	6" (150mm) Pad H&L with 6 holes	615 990 1260
CP9534/9674	Key for pad	164433

DUST EXTRACTION KIT


MODEL	DESCRIPTION	PART NO.
CP72...CVE/HCVE CP9534/9674	Dust extraction kit	894 015 8430

VACUUM HOSE ADAPTERS FOR CENTRAL VACUUM SANDERS


MODEL	DESCRIPTION	PART NO.
CP7220/50(H)CVE	Vacuum hose adapter ø 1" (25mm) / ø 1-1/4" (32mm)	615 350 1170
CP7220/50(H)CVE	Vacuum hose adapter ø 1" (25mm) / ø 1-1/8" (28mm)	615 804 4480

TUNE-UP KIT & REPAIR KIT

MODEL	TUNE-UP KIT	REPAIR KIT
CP7220/50..	8940158345	894 015 8346



For Air Line accessory products, Balancers please see pages 78 to 93



Random Orbital Sanders

CP7220E

CP7250E

High performance with low noise
Non vacuum



CP7220CVE

CP7250CVE

High performance with low noise
Central vacuum



CP7220SVE

CP7250SVE

High performance with low noise
Self vacuum



CP7220HE

CP7250HE

High performance with low noise
Non vacuum



CP7220HCVE

Handle sander, High performance
with low noise
Central vacuum



CP9534

CP9674

High performance with low noise,
Central vacuum



Random orbital sanders for abrasive discs

Ø 6" (150mm) - 0.3 hp (210W)

FEATURES and BENEFITS

- High power, fully balanced, oil-free motor
- Oversized hub bearing with dust protection for long life
- Regulator with safety shut-off



Central vacuum

CP7250HCVE

NV - Non vacuum / SV - Self vacuum / CV - Central vacuum

ORBITS SANDERS



Ø 3/32" (2.5mm) Dia.
Orbit ultra fine sanding



Ø 3/16" (5mm) Dia.
Orbit for general sanding



Ø 3/8" (10mm) Dia.
Orbit for aggressive sanding

Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	GRIP	FREE SPEED	PAD SIZE		SPINDLE THREAD	AIR CONSUMPTION AT FREE SPEED		NET WEIGHT		PAD TYPE	VAC	AIR INLET
			rpm	in.	mm	in.	cfm	l/s	lb	kg			in.
PALM GRIP - ORBIT Ø 3/32" (2.5mm)													
CP7220E	894 127 2201	Palm	12,000	6	150	5/16-24	16.6	7.9	1.7	0.80	H&L	NV	1/4
CP7220SVE	894 127 2202	Palm	12,000	6	150	5/16-24	16.6	7.9	1.7	0.80	H&L	SV	1/4
CP7220CVE	894 127 2203	Palm	12,000	6	150	5/16-24	16.6	7.9	1.7	0.80	H&L	CV	1/4
PALM GRIP - ORBIT Ø 3/16" (5mm)													
CP7250E	894 127 2501	Palm	12,000	6	150	5/16-24	16.6	7.9	1.7	0.80	H&L	NV	1/4
CP7250SVE	894 127 2502	Palm	12,000	6	150	5/16-24	16.6	7.9	1.7	0.80	H&L	SV	1/4
CP7250CVE	894 127 2503	Palm	12,000	6	150	5/16-24	16.6	7.9	1.7	0.80	H&L	CV	1/4
HANDLE GRIP - ORBIT Ø 3/32" (2.5mm)													
CP7220HE	615 170 3770	2 hand	12,000	6	150	5/16-24	16.6	7.9	1.9	0.90	H&L	NV	1/4
CP7220HCVE	615 170 3790	2 hand	12,000	6	150	5/16-24	16.6	7.9	1.9	0.90	H&L	CV	1/4
HANDLE GRIP - ORBIT Ø 3/16" (5mm)													
CP9534	615 193 9534	2 hand	9,000	6	150	5/16-24	19.0	9.0	2.9	1.30	H&L	CV	1/4
CP7250HE	615 170 3740	2 hand	12,000	6	150	5/16-24	16.6	7.9	1.9	0.90	H&L	NV	1/4
CP7250HCVE	615 170 3760	2 hand	12,000	6	150	5/16-24	16.6	7.9	1.9	0.90	H&L	CV	1/4
HANDLE GRIP - ORBIT Ø 3/8" (10mm)													
CP9674	615 193 9674	2 hand	9,000	6	150	5/16-24	19.0	9.0	2.9	1.30	H&L	CV	1/4

All models: Hose int. 3/8" (10mm) - @90 PSI (@6.3 Bar).

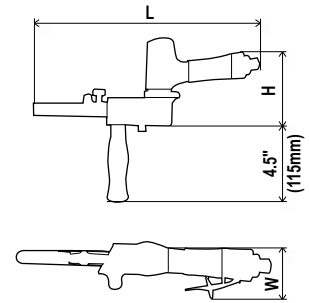
Dimensions and Accessories



CP5080-3260D12

DIMENSIONS

MODEL	DIMENSIONS					
	L		H		W	
	in.	mm	in.	mm	in.	mm
CP5080-3260D12	11.4	290	3.7	95	2.7	70
CP5080-4200D24	15.3	390	4.5	115	2.9	75
CP5080-4200H18	13.4	340	9.8	250	3.1	80
CP5080-5220H18	13.4	340	9.8	250	3.1	80



OPTIONAL ACCESSORIES

CP5080-3260 Series - 12" (305mm)

GUARD SUPPORT	PART NO.	WHEEL ASSEMBLY	PART NO.	PLATTEN PAD SET	PART NO.
12" (305mm) Belt	205 054 5513	1/2" (13mm) - 5/8" (16mm) Diam.	205 054 6443	1/2" x 1.97" (12.5 x 50mm)	205 054 6243
CONTACT ARM	PART NO.	1/2" (13mm) - 5/16" (8mm) Diam.	205 055 0283	1/2" x 1-15/16" (12.5 x 49mm)	205 054 6233
1/2"x12" (13x305mm) - 5/8" (16mm) Diam	205 054 5523	1/8" (3mm)	205 054 6473	5/16" x 2.05" (7.5 x 52mm)	205 054 6253
1/2"x12" (13x305mm) - 5/16" (8mm) Diam	205 054 5533	1/4" (6mm)	205 054 6493		
1/8"x12" (3x305mm)	205 054 5543				
1/4"x12" (6x305mm)	205 054 5553				

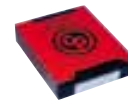
CP5080-4200 Series - 18" (457mm)

GUARD SUPPORT	PART NO.	WHEEL ASSEMBLY	PART NO.	PLATTEN PAD SET	PART NO.
18" (457mm) Belt	205 054 5443	5/8" (16mm)	205 054 6433	3/4" x 2-1/8" (19.5 x 54mm)	205 054 6263
18" (457mm) Belt with side handle	205 054 7953	1/2" (13mm)	205 055 0273	11/16" x 1-15/16" (17.5 x 49mm)	205 054 6273
CONTACT ARM	PART NO.	1/8" (3mm)	205 054 6473	1/2" x 2-1/8" (12.5 x 54mm)	205 054 6283
5/8" to 3/4" x 18" (16 to 19 x 457mm)	205 054 5453	1/2" (13mm)	205 054 6483	5/16" x 2.05" (7.5 x 52mm)	205 054 6253
1/2" x 18" (13 x 457mm)	205 054 5463	1" (25mm)	205 054 6423	26 x 55	205 054 6293
1/8" to 1/2" x 18" (3 to 13 x 457mm)	205 054 5473				
1/2" x 18" (13 x 457mm)	205 054 5483				
1/4" x 18" (6 x 457mm)	205 054 5493				
1" x 18" (25 x 457mm)	205 054 5503				

CP5080-5220 Series - 24" (610mm)

GUARD SUPPORT	PART NO.	WHEEL ASSEMBLY	PART NO.	PLATTEN PAD SET	PART NO.
24" (610mm) Belt	205 054 5413	1/2" (13mm)	205 054 6443	1/2" x 1.97" (12.5 x 50mm)	205 054 6243
CONTACT ARM	PART NO.	1/4" (6mm)	205 054 6473		
1/2"x24" (13x610mm)	205 054 5423				
1/4" to 2"x24" (6 to 50x610mm)	205 054 5433				

TUNE-UP KITS



MODEL	PART NO.
CP5080-3260..	205 054 6403
CP5080-4200..	205 054 7863
CP5080-5220..	205 054 7923

CP5080-3260D12K
Part No. 615 162 0050
Kit includes:
- (1) CP5080-3260D12
- (1) Contact arm 1/8" x 12" (3x305mm)
- (1) Contact arm 1/4" x 12" (6x305mm)
- (1) Bag of 5 belts

CP5080-4200H18K
Part No. 615 162 0040
Kit includes:
- (1) CP5080-4200H18
- (1) Contact arm 1/4" x 18" (6x457mm)
- (1) Contact arm 1" x 18" (25x457mm)
- (1) Handle
- (1) Bag of 5 belts
- (1) Hex key

For Air Line accessory products, Balancers please see pages 78 to 93

Belt Sanders

0.4 to 0.75 hp (300 to 560W)

CP5080-3260D12

Ergonomic handle & High speed with 12" (305mm) long belts



CP5080-4200D24

Ergonomic handle with 24" (610mm) long belts



CP5080-4200H18

Ergonomic handle with 18" (457mm) long belts



CP5080-5220H18

More power for faster material removal with 1" (25mm) width x 18" (457mm) long belts



CP5080-3260D12K

Ergonomic handle & High speed with 3 contact arm for 12" (305mm) long belts for versatile applications



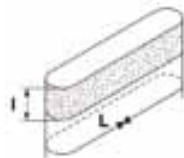
FEATURES and BENEFITS

- Ergonomic handle
- 3 contact arms for 18" (457mm) long belts for versatile applications
- Sanding head pivots 360° for multi position sanding
- Easy change of abrasives



OPTIONAL ACCESSORIES

SANDING BELT (Qty/Set = 10)



L x l		GRIT NUMBER			
in.	mm	40	60	80	120
12 x 1/8	305 x 3			894 016 9705	894 016 9706
12 x 1/4	305 x 6	894 016 9707	89 4016 9708	894 016 9709	894 016 9710
12 x 1/2	305 x 13	894 016 9711	894 016 9712	894 016 9713	894 016 9714
18 x 1/8	457 x 3			894 016 9715	894 016 9716
18 x 1/4	457 x 6	894 016 9717	894 016 9718	894 016 9719	894 016 9720
18 x 1/2	457 x 13	894 016 9721	894 016 9722	894 016 9723	894 016 9724
18 x 13/16	457 x 20	894 016 9725	894 016 9726	894 016 9727	894 016 9728
18 x 1	457 x 25	894 016 9729	894 016 9730	894 016 9731	894 016 9732
24 x 1/4	610 x 6	894 016 9733	894 016 9734	894 016 9735	894 016 9736
24 x 1/2	610 x 13	894 016 9737	894 016 9738	894 016 9739	894 016 9740

Caution: Be sure to comply with all speed, use, and applications recommendations supplied by component and abrasive manufacturers.

MODEL	PART NUMBER	FREE SPEED rpm	POWER		BELT CAPACITY L x W		AIR CONSUMPTION AT FREE SPEED		NET WEIGHT		AIR INLET in.
			hp	W	in.	mm	cfm	l/s	lb	kg	
CP5080-3260D12	615 162 0000	26,000	0.40	300	1/2 x 12	13 x 305	21.8	10.3	1.7	0.77	1/4
CP5080-4200D24	615 162 0010	20,000	0.50	400	1/2 x 24	13 x 610	25.6	12.1	3.1	1.39	1/4
CP5080-4200H18	615 162 0020	20,000	0.50	400	1/2 x 18	13 x 457	25.6	12.1	2.8	1.28	1/4
CP5080-5220H18	615 162 0030	22,000	0.75	560	1 x 18	25 x 457	31.8	15.0	3.3	1.50	1/4
BELT SANDERS KITS											
CP5080-3260D12K	615 162 0050	26,000	0.40	300	1/2 x 12	13 x 305	21.8	10.3	1.7	0.77	1/4
CP5080-4200H18K	615 162 0040	20,000	0.50	400	1/2 x 18	13 x 457	25.6	12.1	2.8	1.28	1/4

All models: Hose int. 3/8" (10mm) - @90 PSI (@6.3 Bar).

Market Segments

ENERGY



Oil & Gas



Petrochemical



Mining



Power Generation

METAL TRANSFORMATION



Foundries



Metal Working



Construction



Heavy Production

MANUFACTURING



Shipyards



Rolling Stock



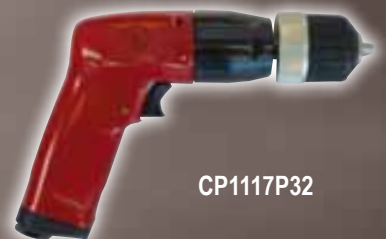
Wood & Composite



Medium Industries

Drills

Drills



CP1117P32

Selection Guide

How to select your tool: ❶ - Select material / ❷ - Select hole size / ❸ - Define speed

MATERIAL		Stainless Steel	Forged Steel	Mild Steel	Soft Cast Iron	Malleable Iron	Brass or Bronze	Aluminum	Magnesium	Plastic	Wood	Titanium
DRILL BIT SIZE		CUTTING SPEED (m/min.)										
in.	mm	9-12	12-15	24-33	30-45	24-27	60-90 rpm	60-90	75-120	30-45	90-120	15-18
1/8	3	1100	1400	3000	4000	2700	8000	8000	10400	4000	11000	1750
5/32	4	840	1100	2200	3000	2000	6000	6000	7800	3000	8400	1300
3/16	5	660	860	1800	2400	1600	4800	4800	6200	2400	6700	1050
1/4	6	550	700	1500	2000	1350	4000	4000	5200	2000	5600	880
5/16	8	420	540	1100	1500	1000	3000	3000	3900	1500	4200	660
3/8	10	330	430	900	1200	800	2400	2400	3100	1200	3300	630
15/32	12	280	350	750	1000	700	2000	2000	2600	1000	2800	440
1/2	13	260	330	700	920	630	1800	1800	2400	920	2550	400
9/16	14	240	300	640	850	580	1700	1700	2200	850	2400	370
5/8	16	210	270	560	750	500	1500	1500	1950	750	2100	330
3/4	19	180	230	480	630	430	1250	1250	1600	630	1800	280
7/8	22	150	200	410	540	370	1100	1100	1400	540	1500	240
29/32	23	140	190	390	520	350	1000	1000	1350	520	1450	230
1	25	130	170	360	480	320	960	960	1250	480	1330	210
1-1/8	28	120	150	320	420	290	850	850	1100	420	1200	190
1-1/4	32	100	130	280	380	250	750	750	980	380	1050	160
55/32	44	75	100	210	270	180	550	550	700	270	750	120
2	50	65	85	180	240	160	480	480	620	240	670	110
3	75	44	57	120	160	110	320	320	420	160	450	70
4	100	33	43	90	120	80	240	240	310	120	330	55

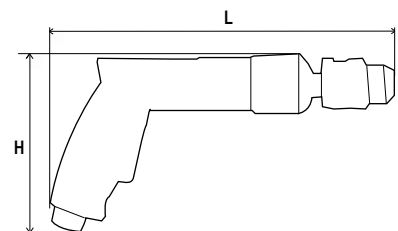
To reduce the risk of injury, everyone using, installing, repairing, maintaining, changing accessories on, or working near CP Tools must read and understand CP safety instructions packed with each tool.

DIMENSIONS AND ACCESSORIES



DIMENSIONS

MODEL	DIMENSIONS			
	L		H	
	in.	mm	in.	mm
CP1454	8.5	215	4.5	115
CP1264	7.3	185	6.1	155
CP1274	7.5	190	6.3	160
CP1064	8.5	215	4.5	115
CP1664	8.5	215	4.5	115



ACCESSORIES INCLUDED

CHUCKS



MODEL	DESCRIPTION	PART NO.
CP1454 / CP1264 / CP1064 / CP1664	Chuck threaded 3/8" UNF cap 3/8" (10mm) with key Key for chuck 3/8"	40002 34302
CP1274	Keyless Chuck threaded 3/8" UNF - cap 3/8" (10mm)	94952



For Air Line accessory products, Balancers please see pages 78 to 93



Pistol Drills

CP1454

Ergonomic throttle and lightweight body



CP1264

Compact body and lightweight body



CP1064

Ergonomic throttle and lightweight body



CP1664

Ergonomic throttle and reverse switch



Reversible



0.26 to 0.38 hp (190 to 280W)
2,000 to 4,300 rpm

FEATURES and BENEFITS

- Compact and lightweight body
- Progressive throttle for precise drilling
- Keyless chuck for fast bit replacement



CP1274

MODEL	PART NUMBER	FREE SPEED rpm	POWER		CHUCK CAPACITY		SPINDLE THREAD in.	MAXIMUM TORQUE		AIR CONS. AT LOAD		NET WEIGHT		AIR INLET in.
			hp	W	in.	mm		ft.lb	Nm	cfm	l/s	lb	kg	
KEY CHUCK MODELS														
CP1454	615 194 1454	4,300	0.30	230	3/8	10	3/8-24	0.7	1.0	19.1	9.0	1.5	0.70	1/4
CP1264	615 194 1264	2,900	0.38	280	3/8	10	3/8-24	1.3	1.8	19.7	9.3	2.0	0.90	1/4
CP1064	615 194 1064	2,500	0.30	230	3/8	10	3/8-24	1.3	1.8	19.7	9.3	1.5	0.70	1/4
CP1664	615 194 1664	2,000	0.26	190	3/8	10	3/8-24	1.3	1.8	19.1	9.0	1.5	0.70	1/4
KEYLESS CHUCK MODELS														
CP1274	615 194 1274	2,900	0.38	280	3/8	10	3/8-24	1.3	1.8	19.9	9.4	2.0	0.90	1/4

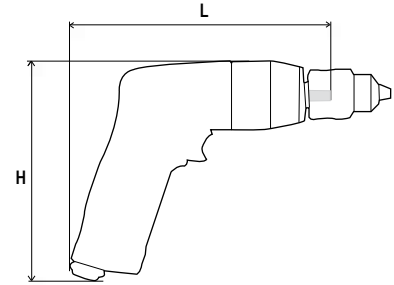
All models: Hose int. 3/8" (10mm) - @90PSI (@6.3 bar).

Dimensions and Accessories



DIMENSIONS

MODEL	DIMENSIONS			
	L		H	
	in.	mm	in.	mm
CP1117P60	7.1	180	5.7	145
CP1117P32	7.1	180	5.7	145
CP1117P26	7.1	180	5.7	145
CP1117P09	8.3	210	5.7	145
CP1117P05	8.3	210	5.7	145



ACCESSORIES INCLUDED

CHUCKS



MODEL	DESCRIPTION	PART NO.
CP1117P60 CP1117P32 CP1117P26	Chuck threaded 3/8" UNF - cap 3/8" (10mm) with key Key for chuck 3/8"	C142408 CA050120
CP1117P09 CP1117P05	Chuck threaded 3/8" UNF - cap 1/2" (13mm) with key Key for chuck 1/2"	S066095 CA050122
CP1117P60 CP1117P32 CP1117P26	Keyless Chuck threaded 3/8" UNF - cap 3/8" (10mm)	205 050 2063
CP1117P09 CP1117P05	Keyless Chuck threaded 3/8" UNF - cap 1/2" (13mm)	205 050 2073

HANDLE



MODEL	DESCRIPTION	PART NO.
CP1117P09/P05	Handle fixture Handle	205 055 2463 205 055 2473
CP1117P..	Suspension bail	894 016 8729



For Air Line accessory products, Balancers please see pages 78 to 93



Pistol Drills

1 hp (750W) - 500 to 6,000 rpm

CP1117P60

CP1117P32

Superior ergonomics and robust construction

Chuck capacity: 3/8" (10mm)



CP1117P09

CP1117P05

High torque and additional handle for precise operating

Chuck capacity: 1/2" (13mm)



CP1117P60

CP1117P32

CP1117P26

Superior ergonomics and robust construction. Keyless chuck

Chuck capacity: 3/8" (10mm)



CP1117P09

CP1117P05

High torque and additional handle for precise operating. Keyless chuck

Chuck capacity: 1/2" (13mm)



FEATURES and BENEFITS

- Highly ergonomic handle
- Multiple grip positions body
- Robust construction
- Progressive throttle for easy precise drilling
- High power motor for heavy applications
- Chuck capacity: 3/8" (10mm)



MODEL	PART NUMBER	FREE SPEED rpm	POWER		CHUCK CAPACITY		SPINDLE THREAD in.	MAXIMUM TORQUE		AIR CONS. AT LOAD		NET WEIGHT		AIR INLET in.
			hp	W	in.	mm		ft.lb	Nm	cfm	l/s	lb	kg	
KEY CHUCK MODELS														
CP1117P60	615 158 0090	6,000	1	750	3/8	10	3/8-24	1.2	1.7	29.8	14.0	2.2	0.99	1/4
CP1117P32	615 158 0110	3,200	1	750	3/8	10	3/8-24	2.1	2.8	29.8	14.0	2.2	0.99	1/4
CP1117P26	615 158 0130	2,600	1	750	3/8	10	3/8-24	2.9	3.9	29.8	14.0	2.2	0.99	1/4
CP1117P09	615 158 0150	900	1	750	1/2	13	3/8-24	7.3	10.0	29.6	13.9	3.4	1.53	1/4
CP1117P05	615 158 0170	500	1	750	1/2	13	3/8-24	12.3	16.7	29.6	13.9	3.4	1.53	1/4
KEYLESS CHUCK MODELS														
CP1117P60	615 158 0100	6,000	1	750	3/8	10	3/8-24	1.2	1.7	29.8	14.0	2.2	0.99	1/4
CP1117P32	615 158 0120	3,200	1	750	3/8	10	3/8-24	2.1	2.8	29.8	14.0	2.2	0.99	1/4
CP1117P26	615 158 0140	2,600	1	750	3/8	10	3/8-24	2.9	3.9	29.8	14.0	2.2	0.99	1/4
CP1117P09	615 158 0160	900	1	750	1/2	13	3/8-24	7.3	10.0	29.6	13.9	3.4	1.53	1/4
CP1117P05	615 158 0180	500	1	750	1/2	13	3/8-24	12.3	16.7	29.6	13.9	3.4	1.53	1/4

All models: Hose int. 3/8" (10mm) - @90PSI (@6.3 bar).

Market Segments

ENERGY



Oil & Gas



Petrochemical



Mining



Power Generation

METAL TRANSFORMATION



Foundries



Metal Working



Construction



Heavy Production

MANUFACTURING



Shipyards



Rolling Stock



Wood & Composite



Medium Industries

Percussive Tools



CP9356 NS

Dimensions and Accessories



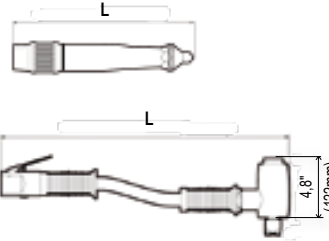
CP9361



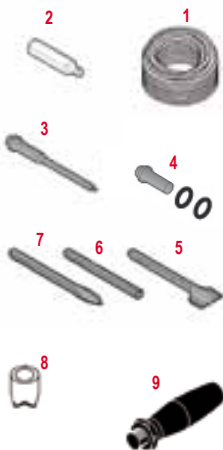
B14A

DIMENSIONS

MODEL	DIMENSIONS			
	L		HOSE (LENGTH)	
	in.	mm	ft	m
CP9160	5.8	147	6.56	2.0
CP9361	5.0	127	8.0	2.4
B14A	18.2	462	-	-
B23	17.9	456	-	-

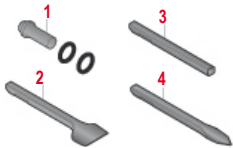


ACCESSORIES INCLUDED



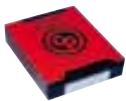
MODEL	ITEM	DESCRIPTION	PART NO.
CP9160	-	Engraving needle medium	205 048 9543
CP9361	1	Air hose - 3/16" (5mm) bore - L: 8 ft (2.4m)	P043886
	2	Air Filter assembly	P056381
	3	Stylus - carbide tipped	P054177
CP9361-1	1	Air hose - 3/16" (5mm) bore - L: 8 ft (2.4m)	P043886
	2	Air Filter assembly	P056381
	3	Stylus - carbide tipped	P054177
	4	Anvil for use with chisels & blank	P054207
	5	Flat chisel	P054183
	6	Chisel blank	P054184
	7	Round nose chisel	P054182
B14/B23	8	Cross bit, conical shank (carbide tipped)	615 250 5450
	9	Side handle	615 576 5130
	.	Washer	615 746 5290

OPTIONAL ACCESSORIES



MODEL	ITEM	DESCRIPTION	PART NO.
CP9361	1	Anvil for use with chisels & blank	P054207
	2	Flat chisel	P054183
	3	Chisel blank	P054184
	4	Round nose chisel	P054182
-	-	Carrying case	P137979

TUNE-UP KIT



MODEL	PART NO.
CP9160	205 050 6913



For Air Line accessory products, Balancers please see pages 78 to 93



Percussive Tools

CP9361

High durability and convertible to a light scaler
Hose, length: 8 ft (2.4m)



CP9160

Efficient engraving pen with low noise
Hose, length: 6.56 ft (2m)



B14A

Rapid and hard-hitting



B23

Rapid and hard-hitting



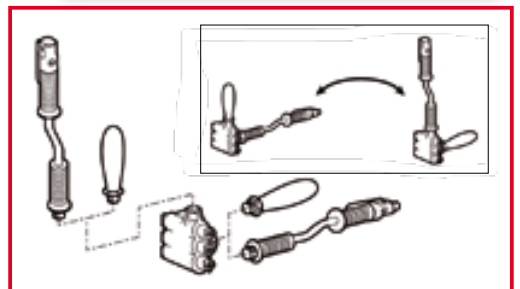
Air Scribe, Engraving Pen and Piston Scalers

FEATURES and BENEFITS

- High durability
- Convertible to hammer or scaler for precise material removal work
- Adjustable power for a variety of applications
- Chicago Pneumatic Air Scribe writes as easily as a ball point pen. Ideal for use on a variety of materials such as metals, plastics, ceramics, and glass.



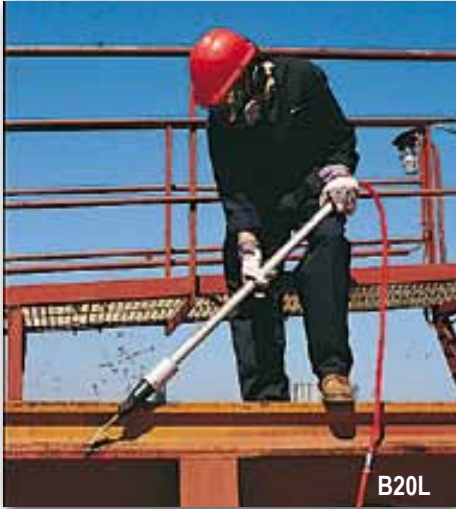
CP9361-1 KIT



MODEL	PART NUMBER	BORE AND STROKE		BLOWS PER MINUTE	SHANK	AIR CONSUMPTION AT FREE SPEED		WEIGHT		AIR INLET
		in.	mm			Blows/min.	in.	cfm	l/s	
AIR SCRIBE										
CP9361	T012644	-	-	13,500	-	1.1	0.5	0.31	0.14	1/4
CP9361-1 KIT	T011970	-	-	13,500	-	1.1	0.5	0.31	0.14	1/4
ENGRAVING PEN										
CP9160	615 197 9160	-	-	32,400	-	1.7	0.8	0.25	0.12	1/4
PISTON SCALERS										
B14A	615 174 0220	1.06 x 1.04	27 x 26.5	2,800	Conical	9	4.2	5.5	2.50	3/8
B23	615 174 0420	1.06 x 1.04	27 x 26.5	2,800	Conical	16	7.5	8.1	3.70	3/8

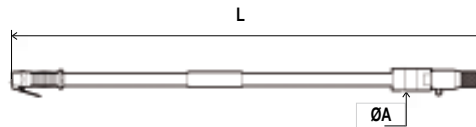
Hose int.: B14/B23: 3/8" (10mm) - CP9361: 3/16" (5mm) - CP9160: 1/4" (6mm) - @90 PSI (@6.3 bar).

Dimensions and Accessories

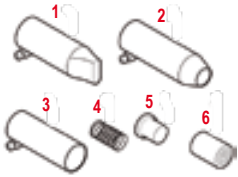


DIMENSIONS

MODEL	DIMENSIONS			
	L		ØA	
	in.	mm	in.	mm
B20-00	28	710	2.48	63
B20-0	43	1,100	2.48	63
B20	55	1,400	2.48	63
B20-1	68	1,730	2.48	63
B20L	55	1,410	2.48	63
B20L-1	67	1,710	2.48	63



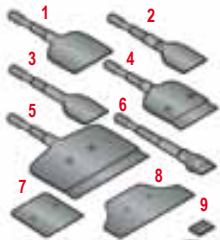
ACCESSORIES TO CONVERT B20 INTO NEEDLE SCALERS



ITEM	DESCRIPTION	PART NO.
1	Flatnosed adjustable sleeve	615 250 5180
2	Round adjustable sleeve	615 250 5190
3	Intermediate casing	615 566 5430
4	Compression spring	615 681 5800
5	Anvil	615 250 5160
6	Needle holder for 28 needles \varnothing 1/8" (3mm)	615 250 5170
6	Needle holder for 35 needles \varnothing 5/32" (4mm)	615 250 5330

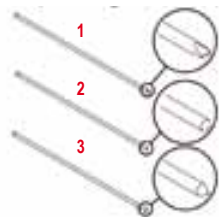
OPTIONAL ACCESSORIES

HEX. SHANK 5/8" CHISEL



ITEM	LENGTH		WIDTH		DESCRIPTION	PART NO.
	in.	mm	in.	mm		
1	7	180	3-15/16	100	Chisel	615 804 4410
2	7	180	1-31/32	50	Chisel	615 804 4420
3	7	180	1-31/32	50	Spark-resistant chisel	615 002 9000
4	-	-	3-15/16	100	Scaling tool	615 002 9010
5	-	-	7-1/8	200	Scaling tool	615 002 9020
6	7	180	1-1/2	38	Comb-type chisel	615 002 9030
7	-	-	3-15/16	100	Spare blade (Qty 5)	615 250 5270
8	-	-	7-1/8	200	Spare blade (Qty 5)	615 250 5280
9	-	-	1-1/2	38	Spare comb	615 250 5390

NEEDLE SETS



ITEM	DIAMETER		LENGTH		DESCRIPTION	PART NO.
	in.	mm	in.	mm		
1	1/8	3	7	180	Needle set chisel (Qty 100)	615 399 8190
2	5/64	2	7	180	Needle set flat tip (Qty 100)	615 399 8160
2	1/8	3	7	180	Needle set flat tip (Qty 100)	615 399 8170
2	5/32	4	7	180	Needle set flat tip (Qty 100)	615 399 8180
3	1/8	3	7	180	Needles set pointed tip (Qty 100)	615 399 8210
3	5/32	4	7	180	Needles set pointed tip (Qty 100)	615 399 8220



For Air Line accessory products, Balancers please see pages 78 to 93



Percussive Tools

B20-00

Flexible and low air consumption



B20-0

Handy handle length 43" (1,100mm) covers all basic application



B20-1

Longest reach handle 68" (1,730mm) enable the widest scaling work



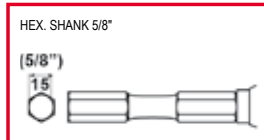
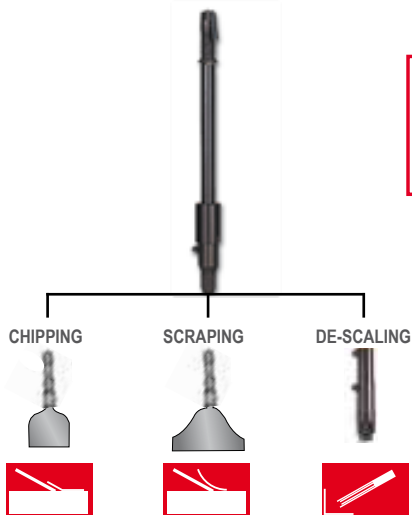
B20L

Aluminum body to reduce weight



B20L-1

Lightweight suitable for vertical work



Long Reach Scalers

FEATURES and BENEFITS

- The most flexible tool for all types of cleaning, scraping, and scaling applications
- Multiple tool lengths from 28" (710mm) to 68" (1,730mm)
- Light version for vertical work (Aluminium body)
- High efficiency low air consumption
- A wide range of tools and accessories including Needle Scaling attachments, Scraper Blades, and a full range of standard 5/8" hex chisels to expand application versatility.



All models: Supplied without chisel.

MODEL	PART NUMBER	BORE AND STROKE		BLOWS PER MINUTE	SHANK.	AIR CONSUMPTION AT FREE SPEED		WEIGHT		AIR INLET
		in.	mm			cfm	l/s	lb	kg	
B20-00	615 174 0360	1.12 x 1.53	28.6 x 39	2,200	Hex. 5/8	4.5	2.1	8.2	3.70	1/4
B20-0	615 174 0350	1.12 x 1.53	28.6 x 39	2,200	Hex. 5/8	4.5	2.1	10.8	4.90	1/4
B20	615 174 0340	1.12 x 1.53	28.6 x 39	2,200	Hex. 5/8	4.5	2.1	12.2	5.50	1/4
B20-1	615 174 0370	1.12 x 1.53	28.6 x 39	2,200	Hex. 5/8	4.5	2.1	13.5	6.10	1/4
LIGHTWEIGHT VERSION										
B20L	615 174 0380	1.12 x 1.53	28.6 x 39	2,200	Hex. 5/8	4.5	2.1	7.5	3.40	1/4
B20L-1	615 174 0390	1.12 x 1.53	28.6 x 39	2,200	Hex. 5/8	4.5	2.1	8.4	3.80	1/4

All models: Hose int. 3/8" (10mm) - @90 PSI (@6.3 bar).

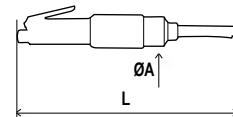
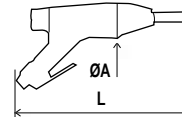
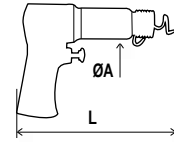
Dimensions and Accessories



CP716

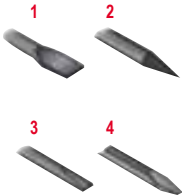
DIMENSIONS

MODEL	DIMENSIONS			
	L		ØA	
	in.	mm	in.	mm
CP0951	13.4	340	1.89	48
CP0952	12.6	320	2.52	64
CP9356	9.4	238	1.65	42
CP716	7.5	190	1.57	40
CP9356NS	17.5	445	1.30	33



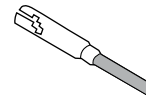
OPTIONAL ACCESSORIES

CHISELS FOR CP9356



ITEM	LENGTH		WIDTH		DESCRIPTION	PART NO.
	in.	mm	in.	mm		
1	7	180	1.37	35	Curved chisel	205 049 9653
2	7	180	-	-	Pointed chisel	205 051 2793
3	7	180	0.79	20	Flat chisel	205 051 2803
4	4	102	5/8	16	Flat chisel	WP123997
4	7-1/2	191	5/8	16	Flat chisel	WP123996
4	6-1/2	165	1-3/8	35	Flat chisel	WP123998
-	6-1/2	165	1-3/8	35	Angle scaling	WP123999

ROUND NOSE FOR CP9356NS



DESCRIPTION	PART NO.
Round Nose	P136983

0.401" (10.2MM) - ROUND SHANK CHISELS FOR CP716



ITEM	LENGTH		WIDTH		DESCRIPTION	PART NO.
	in.	mm	in.	mm		
1	6.5	165	0.63	16.0	Rivet cutter	A046050
2	6.5	165	1.28	32.4	Angle scaling chisel	A046063
3	7.0	180	-	-	Diamond point chisel	A046064
4	7.0	180	0.82	20.9	Twin blade panel (pipe) cutter	A046071
5	7.0	180	0.75	19.1	Cold chisel	A046073
5	18.0	457	0.75	19.1	Cold chisel	A046080
6	7.0	180	-	-	Straight punch	A046074
7	7.0	180	1.02	25.9	Spot weld splitter	A046075
8	7.0	180	-	-	Tapered punch	A046078

HAMMER RETAINER FOR CP716



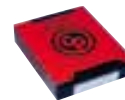
DESCRIPTION	PART NO.
Bee hive retainer	A046096
Zip-quick retainer	A046094
Quick change retainer	894 015 8924

NEEDLE SETS FOR CP9356NS, CP0951 & CP0952



Ø	LENGTH		DESCRIPTION	PART NO.
	in.	mm		
5/64	2	7	Steel Needle flat set (Qty 29)	NP123905
5/64	2	7	Steel Needle flat set (Qty 53)	NP123906
1/8	3	5	Steel Needle flat set (Qty 19)	P136403
1/8	3	7	Steel Needle flat set (Qty 12)	NP123901
1/8	3	7	Steel Needle flat set (Qty 23)	NP123902
1/8	3	7	Steel Needle Pak (Qty 250)	NP137638
1/8	3	7	Steel Needle flat set (Qty 19)	P100146
1/8	3	7	Stainless Needle flat set (Qty 19)	P106454

TUNE-UP KIT



MODEL	PART NO.
CP0952	894 016 3083

For Air Line accessory products, Balancers please see pages 78 to 93

Percussive Tools

CP0951

High durability and low vibration



CP0952

High durability



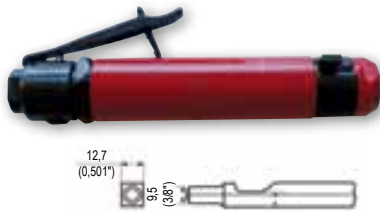
CP716

Greater control and operation allows for wide variety of applications



CP9356

Versatile design, convertible to needle scaler



Needle Scalers, Chipping Hammer and Weld Flux Chipper

FEATURES and BENEFITS

- Sturdy and simple design for heavy and wide applications
- Superior design with internal spring components provides greater durability



Chisel scalers: Supplied without chisel - CP9356NS: Supplied with chisel tip needles and round sleeve.

MODEL	PART NUMBER	BORE AND STROKE		SHANK	NEEDLE CAPACITY	BLOWS PER MINUTE	AIR CONSUMPTION AT FREE SPEED		WEIGHT		AIR INLET
		in.	mm				cfm	l/s	lb	kg	
NEEDLE SCALERS											
CP9356NS	T022165	1 x 1.12	25.4 x 28.6	-	19 x 1/8 (3)	4,600	13.9	6.6	13.2	6.00	3/8
CP0951	T022306	0.79 x 0.67	20.0 x 17.0	-	12 x 1/8 (3)	4,000	7.2	3.4	5.3	2.40	3/8
CP0952	T019191	1 x 1.12	25.4 x 28.6	-	23 x 1/8 (3)	4,000	9.5	4.5	5.9	2.70	3/8
CHIPPING HAMMER											
CP716	T025348	3/4 x 2.28	19.0 x 58.0	0.401	-	3,500	3.5	1.7	3.5	1.60	1/4
WELD-FLUX - CHIPPER											
CP9356	T021959	1 x 1.12	25.4 x 28.6	Qtr. B 1/2	-	4,600	10.0	4.7	3.7	1.70	3/8

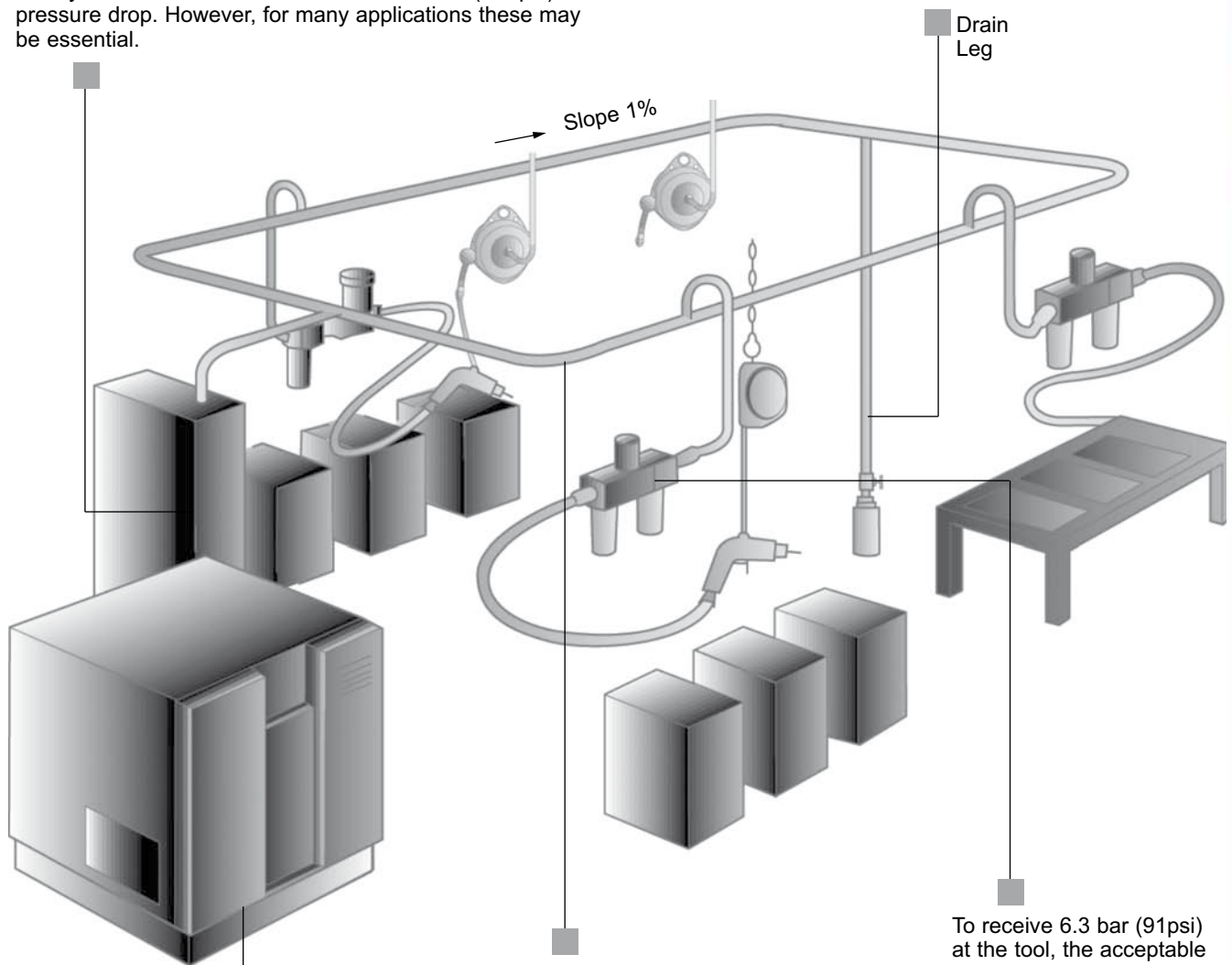
All models: Hose int. 3/8" (10mm) - @90 PSI (@6.3 bar).

Air Line Network

Chicago Pneumatic Air Preparation Units are designed to help you get maximum performance from your tools. They ensure minimal pressure drop and thus minimum energy losses in the air distribution system, benefiting the environment and cutting your operating costs.

The lifetimes of your tools will be extended by using air preparation units and with that comes lower repair costs and less downtime. A correct air installation guarantees productivity and good total economy.

Air dryers and filters can cause a 0.2 - 0.3 bar (3-4 psi) pressure drop. However, for many applications these may be essential.



A carefully designed network virtually eliminates pressure drop. We recommend a Ring Main layout which has a slope away from the input of 1%.

To receive 6.3 bar (91psi) at the tool, the acceptable maximum pressure drop from airline accessories is 0.6 bar (9 psi). A combination of high performance components and careful engineering will achieve this.

A normal compressor can deliver up to 7.5 bar (109 psi) air line pressure, depending on start and stop settings.

Air Preparation Units



FILTERS, REGULATORS, LUBRICATORS

Why should you use a filter, regulator and lubricator ?

The use of a filter, regulator and lubricator (in that order) for pretool air preparation is strongly recommended by Chicago Pneumatic. Proper air preparation will result in improved tool performance and increased tool life. The units should be mounted as close to the tool as possible, preferably right where the tool hose is connected to the system. To realize their full value, these units should be checked on a regular assigned basis by maintenance workers or the operators themselves.

AIR FILTER

Filter separates impurities such as water and solid particles.

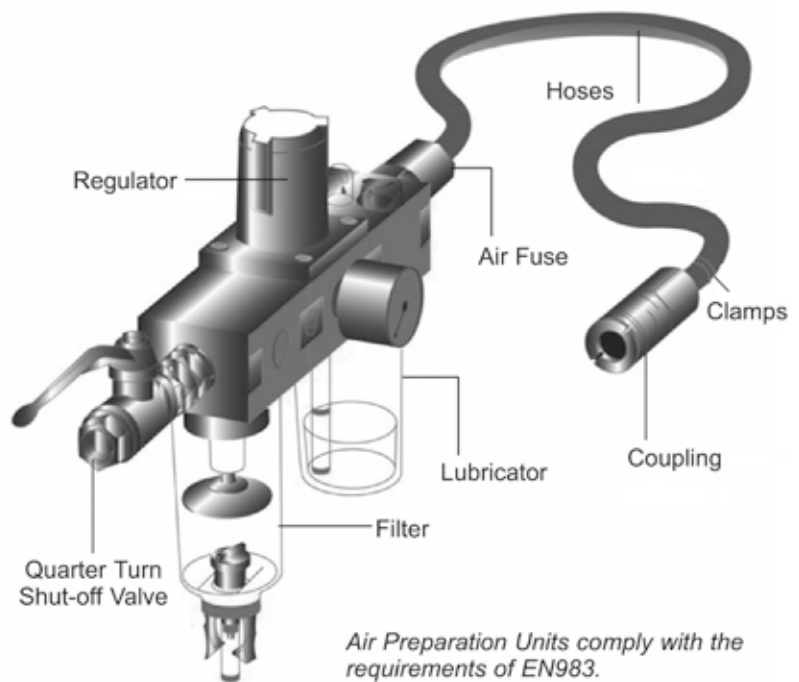
Not using filters in combination with air tools leads to shorter service life, higher maintenance costs and lower efficiency. Old air systems with cool dryers, for instance, generate a lot of rust and running tools without installing a filter could damage the tool in less than a week.

Chicago Pneumatic filters separate up to 98% of the water when operating within their working range. All three types (Small, Medium and Big) are very low pressure drop.

REGULATOR

The regulator ensures that the pre-set working pressure remains constant - regardless of pressure variations in the intake air and minor variations in the airflow rate. For example, a pressure of 1 bar higher than necessary results in a 16% increase in air consumption.

Spring controlled regulators are quick acting and therefore should be used for all types of air tools.



TOOL PRESSURE	AIR CONSUMPTION
91 psi (6 bar)	100 %
101 psi (7 bar)	110 %
116 psi (8 bar)	125 %

LUBRICATORS

If lubricators are not used, tool motor vanes will need to be changed more often. The life of the vanes may decrease to as little as 1/10th of the normal working time. The oil fog lubricator is the most common type of lubricator. It supplies a mist of oil to the air hose.

Different types of FRL	Port size in.	Air flows at 6 bars L/S CFM (l/s)
Small units	1/4	Up to 19 (9)
	3/8	Up to 29.7 (14)
Medium units	1/2	Up to 78.4 (37)
Big units	1	Up to 175.9 (83)

Air Preparation Units

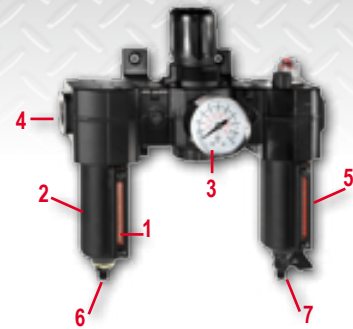


FEATURES AND BENEFITS



High air flow capacity: up to 220 cfm (104 l/s) to cover most of the pneumatic tool needs.
Available in kits: 1/4", 1/2", 3/4", BSP or NPT, 2 or 3 stages units or individual units.
Durable design including quick release bayonet metal bowls for rough working environments.

- (1) Liquid level indicator on the bowls for improved reading.
- (2) Filter with 5µm element pre-installed to optimize the air cleaning and with automatic drain valve.
- (3) Supplied with metal pressure gauge 0-10 bar (0-145 PSI) with metric and imperial scales.
- (4) 145 – 245 PSI (10-17 bar) inlet / outlet max. pressure.
- (5) Micro fog lubricator to optimize the air/oil ratio
- (6) Automatic drain valve
- (7) Manual drain



Max air flow Δ 14.5 PSI (1 bar)



FILTER-REGULATOR LUBRICATOR WITH PRESSURE GAUGE (0-150PSI - 0-10 BAR)	THREAD	MAX. AIR FLOW		MAX. PRESSURE Inlet (psi/bar)	OIL CAPACITY		PART NUMBER	
		cfm	l/s		oz	ml	NPT	BSP
2 STAGE	1/4 G	24	11	150/10	3.4	100	894 016 8515	894 016 8478
2 STAGE	1/2 G	110	50	246/17	6.8	201	894 016 8517	894 016 8480
2 STAGE	3/4 G	220	100	246/17	6.8	201	894 016 8519	894 016 8483
3 STAGE	1/4 G	24	11	150/10	3.4	100	894 016 8516	894 016 8479
3 STAGE	1/2 G	110	50	246/17	6.8	201	894 016 8518	894 016 8481
3 STAGE	3/4 G	220	100	246/17	6.8	201	894 016 8520	894 016 8484

Included with the units: Filter 5µm, Pressure gauge 0-150 psi - 0-10 bar, Microfog lubricator, Automatic drain valve

FILTER UNIT	THREAD	PART NUMBER	
		NPT	BSP
1 STAGE	1/4 G	894 016 9091	894 016 9090
1 STAGE	1/2 G	894 016 9099	894 016 9098
1 STAGE	3/4 G	894 016 9107	894 016 9106

REGULATOR UNIT	THREAD	PART NUMBER	
		NPT	BSP
1 STAGE	1/4 G	894 016 9093	894 016 9092
1 STAGE	1/2 G	894 016 9101	894 016 9100
1 STAGE	3/4 G	894 016 9109	894 016 9108

PRESSURE GAUGE	SIZE		Ø	MAX PRESSURE	PART NUMBER
	in.	mm			
1/8" - 0-10	1/8"G	1.57	40	150 PSI (10bar)	894 016 9178
1/8" - 0-10	1/8"NTP	1.57	40	150 PSI (10bar)	894 016 9179
1/8" - 0-10	1/8"G	1.97	50	150 PSI (10bar)	894 016 9180
1/8" - 0-10	1/8"NTP	1.97	50	150 PSI (10bar)	894 016 9181

FRL PORTABLE STAND	PART NUMBER
COMPATIBLE WITH ALL SIZES OF CP FRL UNITS	894 016 9114



LUBRICATOR UNIT	THREAD	PART NUMBER	
		NPT	BSP
1 STAGE	1/4 G	894 016 9095	894 016 9094
1 STAGE	1/2 G	894 016 9103	894 016 9102
1 STAGE	3/4 G	894 016 9111	894 016 9110

FILTER-REGULATOR	THREAD	PART NUMBER	
		NPT	BSP
1 STAGE	1/4 G	894 016 9097	894 016 9096
1 STAGE	1/2 G	894 016 9105	894 016 9104
1 STAGE	3/4 G	894 016 9113	894 016 9112

SPRAY PAINT UNIT	PART NUMBER
Filter 0.01µm	894 016 9826

FILTER REPLACEMENT	PART NUMBER
CP 5 µM - PART 1/4"	894 016 9082
CP 5 µM - PART 1/2"	894 016 9083
CP 5 µM - PART 3/4"	894 016 9084



Chicago Pneumatic offers the highest quality of PVC, Rubber and Polyurethane hoses in the Industrial Line to cover the different needs of applications with Power Tools



In addition to this, the EFFI series is designed with special features such as low weight and flexibility, to meet the highest ergonomic demands, as well as antistatic for applications with ESD demands.

HOSES

HOSE RECOMMENDATIONS

DESCRIPTION	EFFI PVC ESD	EFFI PVC	EFFI MAX	PVC	POLYURETHAN	Rubber
Pliable	++	++	++	++	++	++
Lightweight	++	++	++	++	+++	-
Indoor	++	++	++	++	++	++
Outdoor	+	+	++	+	+	++
Spark resistant	-	-	++	-	-	++
Rough environment	++	++	+++	++	++	+++
Antistatic	+++	++	+++	++	-	++
Temperature range	-5 to +140F° -15 to +60°C	-13 to +140F° -25 to +60°C	-40 to +194F° -40 to +90°C	-13 to +140F° -25 to +60°C	-22 to +176F° -30 to +80°C	-40 to +194F° -40 to +90°C



At recommended air flow the pressure drop is 2.9 PSI / 0.2bar with a hose length of 16 ft / 5m.
Recommendation is to upgrade one size in diameter for every 32.8 ft / 10m of hose length.

EFFI SERIES

CP EFFI is a unique premium line of hoses designed with special features such as antistatic, extreme low weight, resistance and durability that will help the operator to maximize the tool productivity.

EFFI PVC ESD HOSES

Aimed to electrostatic sensitive devices manufacturers (electronics, radio, communication fields..)

- Antistatic
- Silicone free
- Extra flexible



DIMENSIONS (IDxOD)		LENGTH		MAX WORKING PRESSURE*	AIR FLOW		WEIGHT PER 98 ft / 30m		PART NUMBER
in. ID	mm	ft	m	PSI (bar)	cfm	l/s	lb	kg	
1/4	6x11	98.5	30	145 (10)	8.5	4.0	5.1	2.3	615 810 8430
5/16	8x12	98.5	30	130 (9)	15.8	7.5	5.7	2.6	615 810 8440
3/8	10x14	98.5	30	116 (8)	27.6	13	5.9	2.7	615 810 8450
1/2	13x18	98.5	30	101 (7)	44.5	21	10.8	4.4	615 810 8460

* With a safety factor of 37.4 at 68F° (3 at 20°C)
(at the max temp of +140F° (+60°C) the working pressure should be reduced by 50%)

EFFI PVC HOSES

Aimed to generic assembly applications

- Low weight
- Silicone free
- Ergonomic
- Extremely soft and flexible



DIMENSIONS (IDxOD)		LENGTH		MAX WORKING PRESSURE	AIR FLOW		WEIGHT PER 98 ft / 30m		PART NUMBER
in. ID	mm	ft	m	PSI (bar)	cfm	l/s	lb	kg	
1/4	6x9	98.5	30	261 (18)	8.5	4.0	2.6	1.2	615 810 8470
5/16	8x10.5	98.5	30	261 (18)	15.9	7.5	3.7	1.7	615 810 8480
3/8	10x13	98.5	30	203 (14)	27.6	13	4.6	2.1	615 810 8490
1/2	13x16.5	98.5	30	188 (13)	44.5	21	6.6	3.0	615 810 8500
5/8	16x21	98.5	30	159 (11)	91.1	43	11.9	5.4	615 810 8510
3/4	20x24	98.5	30	159 (11)	159	75	12.8	5.8	615 810 8520
1	25x31	98.5	30	145 (10)	265	125	22.9	10.4	615 810 8530

EFFI MAX HOSES

Aimed to generic grinding applications

- Extreme low weight
- Antistatic
- Rubber hose
- Soft and flexible
- Welding spatter resistant



DIMENSIONS (IDxOD)		LENGTH		MAX WORKING PRESSURE	AIR FLOW		WEIGHT PER 65.6 ft / 20m		PART NUMBER
in. ID	mm	ft	m	PSI (bar)	cfm	l/s	lb	kg	
1/2	13x18.6	65.6	20	232 (16)	44.5	21	8.6	3.9	615 810 9000
5/8	16x22.5	65.6	20	232 (16)	91.1	43	10.6	4.8	615 810 9010
3/4	20x26.1	65.6	20	232 (16)	159	75	11.9	5.4	615 810 9020

Hoses

PVC, RUBBER AND POLYURETHANE HOSES

Standard quality hose in PVC, PUR and Rubber will provide the best quality product for the price for optimized work with pneumatic tools.



PVC HOSES

Aimed to heavy duty applications (workshops, factories, garages etc.) For indoor use.

- Long service life
- Pliable
- Transparent



DIMENSIONS (IDxOD)		LENGTH		MAX WORKING PRESSURE	AIR FLOW		WEIGHT PER 98 ft /30m		PART NUMBER
in. ID	mm	ft	m	PSI (bar)	cfm	l/s	lb	kg	
1/8	3x7	98.5	30	290 (20)	1.5	0.7	3.1	1.4	615 810 8540
3/16	5x9	98.5	30	261 (18)	4.4	2.1	4.2	1.9	615 810 8550
1/4	6x11	98.5	30	261 (18)	8.5	4.0	5.5	2.5	615 810 8560
5/16	8x12	98.5	30	261 (18)	15.8	7.5	6.4	2.9	615 810 8570
3/8	10x14	98.5	30	203 (14)	27.5	13	8.2	3.7	615 810 8580
1/2	13x18	98.5	30	188 (13)	44.5	21	13.0	5.9	615 810 8590
5/8	16x22	98.5	30	174 (12)	91.1	43	15.9	7.2	615 810 8600
3/4	20x25	98.5	30	174 (12)	159	75	18.3	8.3	615 810 8610
1	25x32	98.5	30	159 (11)	265	125	27.6	12.5	615 810 8620

RUBBER HOSES

Aimed to the most demanding tasks in construction, mining, shipyards, foundries etc.

- Durable
- Antistatic
- Grinding and welding spatter resistant



DIMENSIONS (IDxOD)		LENGTH		MAX WORKING PRESSURE	AIR FLOW		WEIGHT PER 98 ft /30m		PART NUMBER
in. ID	mm	ft	m	PSI (bar)	cfm	l/s	lb	kg	
3/8	10x16	65.6	20	232 (16)	27.5	13	7.9	3.6	615 810 8640
1/2	12.5x19.1	65.6	20	232 (16)	44.5	21	10.4	4.7	615 810 8650
5/8	16x23	65.6	20	232 (16)	91.1	43	13.4	6.1	615 810 8660
3/4	20x26.6	65.6	20	232 (16)	159	75	17.2	7.8	615 810 8680
1	25x34	65.6	20	232 (16)	265	125	26.0	11.8	615 810 8700

POLYURETHANE HOSES

Aimed to heavy duty applications for indoor and outdoor use

- Oil resistant
- Flexible
- Long service life
- PVC free: Environment friendly



DIMENSIONS (IDxOD)		LENGTH		MAX WORKING PRESSURE	AIR FLOW		WEIGHT PER 82 ft /25m		PART NUMBER
in. ID	mm	ft	m	PSI (bar)	cfm	l/s	lb	kg	
1/4	6.5x10	82	25	290 (20)	8.5	4.0	2.9	1.3	615 804 6230
5/16	8x12	82	25	290 (20)	15.9	7.5	4.8	2.2	615 804 6240
3/8	9.5x13	82	25	232 (16)	27.5	13.0	5.5	2.5	615 804 6250
1/2	13x18	82	25	188 (13)	44.5	21.0	8.8	4.0	615 804 6260

HOSE KITS

Hose kits are equipped with end thread fittings and available in short length, ready to connect and ready to use.

DIMENSIONS (IDxOD)	MALE	LENGTH	PART NUMBER		HOSE MATERIAL
			NPT	BSP	
1/4 6.5x10	1/4	26.2 8	615 811 2130	615 804 6270	PU
5/16 8x12	1/4	26.2 8	615 811 2140	615 804 6280	PU
3/8 10x13	1/4	26.2 8	615 811 2150	615 804 6290	PU
3/8 10x13	3/8	26.2 8	615 811 2400	615 811 2380	PU
1/2 13x18	1/4	26.2 8	615 811 2160	615 804 6300	PU
1/2 13x18	3/8	26.2 8	615 811 2410	615 811 2390	PU
5/8 16x23	1/2	26.2 8	615 811 2680	615 811 2670	Rubber

RUBBER HOSE WHIPS

Always use a hose whip between the tool and the air supply hose. It provides safety and longer tool air inlet life.

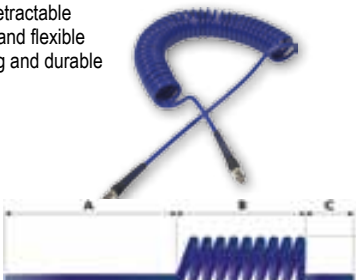


HOSE DIAM.		THREAD SIZE	HOSE LENGTH			PART NUMBER	
in.	mm	in.	ft	m	NPT	BSP	
1/4	6.5	1/4	2.0	0.6	CA046270	615 811 1910	
3/8	10	1/4	2.0	0.6	CA047270	615 811 1920	
1/2	13	3/8	2.0	0.6	CA049271	615 811 2640	
1/2	13	1/2	2.0	0.6	CA049270	615 811 1930	
1/2	13	5/8	2.0	0.6	615 811 2660	615 811 2650	

POLYURETHANE SPIRAL HOSE

Spiral hose are especially adapted for tools used at varying distances. Vertically or horizontally, together with a balancer spiral hose, it is a step forward in ergonomics. Equipped with ball bearing at one end (except the 11x16), they can be directly connected at the tool outlet, avoiding the hose to twist.

- Self retractable
- Light and flexible
- Strong and durable



DIMENSIONS (IDxOD)	MALE THREADS	WORKING LENGTH	LENGTH			PART NUMBER	
			A	B	C	NPT	BSP
1/4 6.5x10	1/4	6.6 2	19.7 (500)	5.5 (140)	5.9 (150)	615 810 9670	615 804 6350
1/4 6.5x10	1/4	13.1 4	19.7 (500)	13 (330)	5.9 (150)	615 810 9680	615 804 6360
1/4 6.5x10	1/4	19.7 6	19.7 (500)	20.1 (510)	5.9 (150)	615 810 9690	615 804 6370
1/4 6.5x10	1/4	26.2 8	19.7 (500)	27.6 (700)	5.9 (150)	615 810 9700	615 804 6380
5/16 8x12	3/8	6.6 2	19.7 (500)	5.1 (130)	5.9 (150)	615 810 9710	615 804 6390
5/16 8x12	3/8	13.1 4	19.7 (500)	11.8 (300)	5.9 (150)	615 810 9720	615 804 6400
5/16 8x12	3/8	19.7 6	19.7 (500)	18.1 (460)	5.9 (150)	615 810 9730	615 804 6410
5/16 8x12	3/8	26.2 8	19.7 (500)	24.8 (630)	5.9 (150)	615 810 9740	615 804 6420
7/16 11x16	3/8	6.6 2	19.7 (500)	4.7 (120)	5.9 (150)	615 810 9750	615 804 6430
7/16 11x16	3/8	13.1 4	19.7 (500)	10.6 (270)	5.9 (150)	615 810 9760	615 804 6440
7/16 11x16	3/8	19.7 6	19.7 (500)	16.5 (420)	5.9 (150)	615 810 9770	615 804 6450
7/16 11x16	3/8	26.2 8	19.7 (500)	22.4 (570)	5.9 (150)	615 810 9780	615 804 6460

Hose Reels



CUSTOMERS BENEFITS

- No hoses on the ground for improved safety
- From 3.3 to 33 ft / 49 or 52 ft (1 to 10 / 15 or 16 m) hose lengths with feedback force for a clean work space
- Directional swivel-plate to help you correctly reach your application
- High airflow for maximum productivity
- Lightweight and flexible polyurethane hose to reduce operator fatigue
- Open Reels with rubber hose available for heavy-duty grinding/spark areas
- Working temperatures: -30°C+ 60°C (-4°F +140°F)

APPLICATIONS

- Workshops and service stations in the automotive, truck, earthmoving and farming industry
- Industrial assembly lines
- Shipyards, Foundries



A



HR S, HR M & HR L / Hose Reel Small Closed Composite Series

Compact and ergonomic plastic casing air hose reel

Airflow > 14.8 cfm (7 l/s)

B



HR M / Hose Reel Medium Closed Steel Series

Heavy-duty air hose reels in steel for longest lifetime

Airflow > 21.2 cfm (10 l/s)

C



HRO M / Hose Reel Medium Open Steel Series

Heavy-duty air hose reel in industrial quality

Airflow > 17.6 cfm (8.5 l/s)

D



HRO L / Hose Reel Large Open Steel Series

Heavy-duty air hose reel in industrial quality

Airflow > 33.6 cfm (16 l/s)

E



CP9445H 3/8HD / Hose Reel 50FT 15M

CP9455H 1/2HD / Hose Reel 50FT 15M

Steel Series

Light-duty air hose reel in industrial quality

Airflow

PIC REF	MODEL	THREAD TYPE	CONNECTION		LENGTH		Ø INTERNAL		FLUID	HOSE MATERIAL	INLET	WEIGHT		MAX. PRESSURE		AIR FLOW		PART NUMBER
			IN (in.)	OUT (in.)	ft	m	in.	mm				lb	kg	PSI	bar	cfm	l/s	
A	HR S HOSE REEL	BSP	1/4	1/4	33	10	5/16	8	Air	100% Polyurethane	feet lead-hose 3.3 ft (1m)	9.9	4.5	232	16	14.1	7	615 804 5020
A	HRN S HOSE REEL	NPT	1/4	1/4	33	10	5/16	8	Air	100% Polyurethane	feet lead-hose 3.3 ft (1m)	9.9	4.5	232	16	14.1	7	615 804 5030
A	HR M HOSE REEL	BSP	1/4	1/4	33	10	3/8	10	Air	100% PUR (1.2m)	feet lead-hose 4 ft	11	5	290	20	21.2	10	615 810 9610
A	HRN M HOSE REEL	NPT	1/4	1/4	33	10	3/8	10	Air	100% PUR (1.2m)	feet lead-hose 4 ft	11	5	290	20	21.2	10	615 810 9620
A	HR L HOSE REEL	BSP	1/4	1/4	49	15	3/8	10	Air	100% Polyurethane	feet lead-hose 3.3 ft (1m)	15.2	6.9	232	16	21.2	10	894 016 9825
A	HR L HOSE REEL	NPT	1/4	1/4	49	15	3/8	10	Air	100% Polyurethane	feet lead-hose 3.3 ft (1m)	15.2	6.9	232	16	21.2	10	894 016 9827
B	HR M HOSE REEL	BSP	1/4	1/4	33	10	3/8	10	Air	100% Polyurethane	feet lead-hose 4.9 ft (1.5m)	18.7	8.5	290	20	21.2	10	615 804 5040
B	HRN M HOSE REEL	NPT	1/4	1/4	33	10	3/8	10	Air	100% Polyurethane	feet lead-hose 4.9 ft (1.5m)	18.7	8.5	290	20	21.2	10	615 804 5050
C	HRO M HOSE REEL	BSP	1/4	1/4	52	16	3/8	10	Air	100% Polyurethane	feet lead-hose 4.9 ft (1.5m)	24.3	11	290	20	17.6	8.5	615 804 5060
C	HROR M HOSE REEL	BSP	3/8	3/8	49	15	3/8	10	Air / Water	Rubber (SBR+NR/SBR+EDM)	feet lead-hose 4.9 ft (1.5m)	24.3	11	290	20	17.6	8.5	615 804 5100
C	HRNO M HOSE REEL	NPT	1/4	1/4	52	16	3/8	10	Air	100% Polyurethane	feet lead-hose 4.9 ft (1.5m)	24.3	11	290	20	17.6	8.5	615 804 5070
C	HRNOR M HOSE REEL	NPT	3/8	3/8	49	15	3/8	10	Air / Water	Rubber (SBR+NR/SBR+EDM)	feet lead-hose 4.9 ft (1.5m)	24.3	11	290	20	17.6	8.5	615 804 5110
D	HRO L HOSE REEL	BSP	3/8	3/8	52	16	1/2	13	Air	100% Polyurethane	feet lead-hose 4.9 ft (1.5m)	30.9	14	290	20	33.5	16	615 804 5080
D	HROR L HOSE REEL	BSP	3/8	3/8	49	15	1/2	13	Water	Rubber (SBR+NR/SBR+EDM)	feet lead-hose 4.9 ft (1.5m)	30.9	14	290	20	33.5	16	615 804 5120
D	HRNO L HOSE REEL	NPT	3/8	3/8	52	16	1/2	13	Air	100% Polyurethane	feet lead-hose 4.9 ft (1.5m)	30.9	14	290	20	33.5	16	615 804 5090
D	HRNOR L HOSE REEL	NPT	3/8	3/8	49	15	1/2	13	Water	Rubber (SBR+NR/SBR+EDM)	feet lead-hose 4.9 ft (1.5m)	30.9	14	290	20	33.5	16	615 804 5130
E	CP9445H 3/8HD	NPT	3/8	3/8	49	15	3/8	10	Air / Water	Rubber	feet lead-hose 4.9 ft (1.5m)	50	22.7	300	21	-	-	894 109 4352
E	CP9455H 1/2HD	NPT	1/2	1/2	49	15	1/2	13	Air / Water	Rubber	feet lead-hose 4.9 ft (1.5m)	50	25.8	300	21	-	-	894 109 4551

Couplings

Chicago Pneumatic offers a wider range of couplings to create the best possible solution together with Power Tools. The range consists of four types of couplings with different characteristics, all with the focus on quality, ergonomics and performance. To cover most of the global needs Chicago Pneumatic offers three types of nipple profiles, Euro-, ISO 6150B- and the Asian profile. With the Easy Flow coupling Chicago Pneumatic can present a unique coupling with no air restriction, minimizing the pressure drop.



Thanks to its innovative design EF is suited for rough environment and it is easy and secure to connect and disconnect with the push and bend principle.

The safety feature in EF and Safety Couplings are vented versions to minimize the risk of sudden separation of coupling and nipple.

	Air Flow	Safety feature	Rough environment	Durability	Ergonomics
EF	+++	++	++	++	+++
Safety	++	+++	+	++	+
Quick Release	++	-	+	++	++
Claw	+++	-	+++	+++	-

Max air flow capacity (Delta 7.2 psi / 0.5 bar) - Economical air flow (Delta 2.9 psi (0.2 bar))

CP FITTINGS ADAPTABILITY

Nipple		ISO6105B 6mm	QUICK RELEASE		
			EURO 7.6mm	EURO 10.4mm	ASIA 7.5mm
CEJN	310	X			
	320		X		
	410			X	
TEMA	1300	X			
	1600		X		
	1700			X	
ARO	23-23902	X			
RECTUS	14 - 22	X			
	25 (KA, KB, KD, KE, KL, KS)		X		
	26 (KA, KB, KE)		X		
	27			X	
PREVOST	ARM-ASC-ARC-06 ESC 07	X	X		
LEGRIS	14 - 22	X			
	25 (KA, KB, KD, KE, KL, KS)		X		
NITTO	Hi CUPLA200				X

EF COUPLING - EURO SERIES: EUROPE

EF COUPLING - EURO 7.6mm / Max air flow capacity 79 cfm / 37.5 l/s (Delta 7.2 psi / 0.5 bar)
Economical air flow 53 cfm - 25 l/s (Delta 2.9 psi / 0.2 bar)



MALE THREAD in.	PART NUMBER BSP
1/4	615 810 5140
3/8	615 810 5150
1/2	615 810 5160



FEMALE THREAD in.	PART NUMBER BSP
1/4	615 810 5170
3/8	615 8105 180
1/2	615 810 5190



HOSE CONNECTION mm	PART NUMBER
6	615 810 5500
8	615 810 5530
10	615 810 5540
13	615 810 5550

NIPPLES EURO 7.6mm



MALE THREAD in.	PART NUMBER	
	BSP	NPT
1/4	615 810 5880	615 810 5940
3/8	615 810 5890	615 810 5950
1/2	615 810 5900	615 810 5960



FEMALE THREAD in.	PART NUMBER BSP
1/4	615 810 5910
3/8	615 810 5920
1/2	615 810 5930



HOSE CONNECTION mm	PART NUMBER
6	615 810 6220
8	615 810 6250
10	615 810 6260
13	615 810 6270

EF COUPLING - EURO 10.4mm / Max air flow capacity 153 cfm - 72 l/s (Delta 7.2 psi / 0.5 bar)
Economical air flow 102 cfm - 48 l/s (Delta 2.9 psi / 0.2 bar)



MALE THREAD in.	PART NUMBER BSP
3/8	615 810 6390
1/2	615 810 6400
3/4	615 810 6410



FEMALE THREAD in.	PART NUMBER BSP
3/8	615 810 6420
1/2	615 810 6430
3/4	615 810 6440



HOSE CONNECTION mm	PART NUMBER
10	615 810 6510
13	615 810 6520
16	615 810 6530
19	615 810 6540

NIPPLES EURO 10.4mm



MALE THREAD in.	PART NUMBER	
	BSP	NPT
3/8	615 810 6650	615 810 6680
1/2	615 810 6660	615 810 6690
3/4	615 810 6670	615 810 6700



FEMALE THREAD in.	PART NUMBER BSP
3/8	615 810 6710
1/2	615 810 6720
3/4	615 810 6730



HOSE CONNECTION mm	PART NUMBER
10	615 810 6770
13	615 810 6780
16	615 810 6790
19	615 810 6800

Couplings

EF COUPLING - ISO 6150B MIL-C4109: NORTH AMERICA, FRANCE, ITALY

EF COUPLING - ISO 6150B 6mm / Max air flow capacity 36 cfm - 16.7 l/s (Delta 7.2 psi / 0.5 bar)
Economical air flow 23.3 cfm - 11 l/s (Delta 2.9 psi / 0.2 bar)

NIPPLES ISO 6150B 6 mm



MALE THREAD in.	PART NUMBER	
	NPT	BSP
1/4	615 810 4850	615 810 4790
3/8	615 810 4860	615 810 4800
1/2	615 810 4870	615 810 4810



FEMALE THREAD in.	PART NUMBER	
	NPT	BSP
1/4	615 810 4880	615 810 4820
3/8	615 810 4890	615 810 4830



HOSE CONNECTION mm	PART NUMBER
6	615 810 5300
8	615 810 5310
10	615 810 5320
13	615 810 5330



MALE THREAD in.	PART NUMBER	
	NPT	BSP
1/4	615 810 5620	615 810 5560
3/8	615 810 5630	615 810 5570
1/2	615 810 5640	615 810 5580



FEMALE THREAD in.	PART NUMBER	
	NPT	BSP
1/4	615 810 5650	615 810 5590
3/8	615 810 5660	615 810 5600
1/2	615 810 5670	615 810 5610



HOSE CONNECTION mm	PART NUMBER
6	615 810 6040
8	615 810 6050
10	615 810 6060
13	615 810 6070

EF COUPLING - ISO 6150B 8mm / Max air flow capacity 91 cfm - 43 l/s (Delta 7.2 psi / 0.5 bar)
Economical air flow 57 cfm - 27 l/s (Delta 2.9 psi / 0.2 bar)

NIPPLES ISO 6150B 8mm



MALE THREAD in.	PART NUMBER	
	NPT	BSP
1/4	615 810 4980	615 810 4920
3/8	615 810 4990	615 810 4930
1/2	615 810 5000	615 810 4940



FEMALE THREAD in.	PART NUMBER	
	NPT	BSP
1/4	615 810 5010	615 810 4950
3/8	615 810 5020	615 810 4960
1/2	615 810 5030	615 810 4970



HOSE CONNECTION mm	PART NUMBER
8	615 810 5380
10	615 810 5390
13	615 810 5400
16	615 810 5410



MALE THREAD in.	PART NUMBER	
	NPT	BSP
1/4	615 810 5740	615 810 5680
3/8	615 810 5750	615 810 5690
1/2	615 810 5760	615 810 5700



FEMALE THREAD in.	PART NUMBER	
	NPT	BSP
1/4	6158105770	615 810 5710
3/8	6158105780	615 810 5720
1/2	6158105790	615 810 5730



HOSE CONNECTION mm	PART NUMBER
8	615 810 6110
10	615 810 6120
13	615 810 6130
16	615 810 5480

EF COUPLING - ISO6150B 11mm / Max air flow capacity 162 cfm - 76.5 l/s (Delta 7.2 psi / 0.5 bar)
Economical air flow 110 cfm - 52 l/s (Delta 2.9 psi / 0.2 bar)

NIPPLES ISO 6150B 11mm



MALE THREAD in.	PART NUMBER	
	NPT	BSP
3/8	615 810 5090	615 810 5050
1/2	615 810 5100	615 810 5060
3/4	615 810 6350	615 810 6340



FEMALE THREAD in.	PART NUMBER	
	NPT	BSP
3/8	615 810 5110	615 810 5070
1/2	615 810 5120	615 810 5080
3/4	615 810 6370	615 810 6360



HOSE CONNECTION mm	PART NUMBER
10	615 810 5460
13	615 810 5470
16	615 810 5480
19	615 810 5490



MALE THREAD in.	PART NUMBER	
	NPT	BSP
3/8	615 810 5840	615 810 5800
1/2	615 810 5850	615 810 5810
3/4	615 810 6920	615 810 6910



FEMALE THREAD in.	PART NUMBER	
	NPT	BSP
3/8	615 810 5860	615 810 5820
1/2	615 810 5870	615 810 5830
3/4	615 810 6940	615 810 6930



HOSE CONNECTION mm	PART NUMBER
10	615 810 6180
13	615 810 6190
16	615 810 6200
19	615 810 6210

Couplings

EF COUPLING - ASIA 7.5MM: JAPAN, CHINA, INDIA

EF COUPLING - ASIA 7.5mm / Max air flow capacity 72 cfm - 34 l/s (Delta 7.2 psi / 0.5 bar)
Economical air flow 48.7 cfm - 23 l/s (Delta 2.9 psi (0.2 bar))

NIPPLES ASIA 7.5mm



MALE THREAD in.	PART NUMBER R
1/4	615 810 6560
3/8	615 810 6570
1/2	615 810 6580



FEMALE THREAD in.	PART NUMBER R
1/4	615 810 6590
3/8	615 810 6600
1/2	615 810 6610



HOSE CONNECTION mm	PART NUMBER
6	615 810 8710
8	615 810 6620
10	615 810 6630
13	615 810 6640



MALE THREAD in.	PART NUMBER R
1/4	615 810 6810
3/8	615 810 6820
1/2	615 810 6830



FEMALE THREAD in.	PART NUMBER R
1/4	615 810 6840
3/8	615 810 6850
1/2	615 810 6870



HOSE CONNECTION mm	PART NUMBER
6	615 810 6970
8	615 810 6880
10	615 810 6890
13	615 810 6900

SAFETY COUPLINGS

EURO 7.6mm / Max air flow capacity 72 cfm - 34 l/s (Delta 7.2 psi / 0.5 bar)
Economical air flow 47 cfm - 22 l/s (Delta 2.9 psi (0.2 bar))



HOSE CONNECTION	PART NUMBER BSP
6	615 811 1660
8	615 811 1670
10	615 811 1680
12,5	615 811 1690



MALE THREAD in.	PART NUMBER BSP
1/4	615 811 1700
3/8	615 811 1710
1/2	615 811 1720



FEMALE THREAD in.	PART NUMBER BSP
1/4	615 811 1740
3/8	615 811 1750
1/2	615 811 1760

Nipples Euro 7.6mm
see page 84



EURO 10.4mm / Max air flow capacity 134 cfm - 62 l/s (Delta 7.2 psi / 0.5 bar)
Economical air flow 86.2 cfm - 40.7 l/s (Delta 2.9 psi (0.2 bar))



HOSE CONNECTION	PART NUMBER BSP
10	615 811 1840
13	615 811 1850
16	615 811 1860



MALE THREAD in.	PART NUMBER BSP
1/4	615 811 1870
3/8	615 811 1880
1/2	615 811 1890



FEMALE THREAD in.	PART NUMBER BSP
1/2	615 811 1900

Nipples Euro 10.4mm
see page 84



CLAW COUPLINGS

Economical air flow 593 cfm - 280 l/s



MALE THREAD	PART NUMBER	
	NPT	BSP
3/8"	615 810 9070	615 810 9030
1/2"	615 810 9080	615 810 9040
3/4"	615 810 9090	615 810 9050
1"	615 810 9100	615 810 9060



FEMALE THREAD	PART NUMBER	
	NPT	BSP
3/8"	615 810 9150	615 810 9110
1/2"	615 810 9160	615 810 9120
3/4"	615 810 9170	615 810 9130
1"	615 810 9180	615 810 9140



HOSE CONNECTION	PART NUMBER	
	US Universal	DIN Standard 3489
1/4" (6.5mm)	-	615 810 9190
3/8" (10mm)	615 810 9270	615 810 9200
1/2" (13mm)	615 810 9280	615 810 9210
5/8" (16mm)	-	615 810 9220
3/4" (19mm)	615 810 9290	615 810 9230
1" (25.4mm)	615 810 9300	615 810 9240

Couplings



QUICK RELEASE COUPLINGS - EURO SERIES: EUROPE

EURO 7.6mm / Max air flow capacity 72 cfm - 34 l/s (Delta 7.2 psi / 0.5 bar)
 Economical air flow 40 cfm - 19 l/s (Delta 2.9 psi / 0.2 bar)

MALE THREAD in.	PART NUMBER BSP	FEMALE THREAD in.	PART NUMBER BSP	HOSE CONNECTION mm	PART NUMBER
1/4	615 811 0720	1/4	615 811 0750	6	615 811 0780
3/8	615 811 0730	3/8	615 811 0760	8	615 811 0790
1/2	615 811 0740	1/2	615 811 0770	10	615 811 0800
				13	615 811 0810

Nipples Euro 7.6mm
see page 84



EURO 10.4mm / Max air flow capacity 121 cfm - 57 l/s (Delta 7.2 psi / 0.5 bar)
 Economical air flow 78 cfm - 37 l/s (Delta 2.9 psi / 0.2 bar)

MALE THREAD in.	PART NUMBER BSP	FEMALE THREAD in.	PART NUMBER BSP	HOSE CONNECTION mm	PART NUMBER
1/4	615 811 0820	1/4	615 811 0850	6	615 811 0880
3/8	615 811 0830	3/8	615 811 0860	8	615 811 0890
1/2	615 811 0840	1/2	615 811 0870	10	615 811 0900
				13	615 811 0910

Nipples Euro 10.4mm
see page 84



QUICK RELEASE COUPLINGS - ISO 6150B MIL-C4109: NORTH AMERICA, FRANCE, ITALY

ISO 6150B 6mm / Max air flow capacity 32 cfm - 15 l/s (Delta 7.2 psi / 0.5 bar)
 Economical air flow 23.3 cfm - 11 l/s (Delta 2.9 psi / 0.2 bar)

MALE THREAD in.	PART NUMBER NPT	FEMALE THREAD in.	PART NUMBER NPT	HOSE CONNECTION mm	PART NUMBER
1/4	615 811 0420	1/4	615 811 0450	6	615 811 0480
3/8	615 811 0430	3/8	615 811 0460	8	615 811 0490
1/2	615 811 0440	1/2	615 811 0470	10	615 811 0500
				13	615 811 0510

Nipples ISO 6150B 6mm
see page 85



ISO 6150B 8mm / Max air flow capacity 63 cfm -30 l/s (Delta 7.2 psi / 0.5 bar)
 Economical air flow 42 cfm - 20 l/s (Delta 2.9 psi / 0.2 bar)

MALE THREAD in.	PART NUMBER NPT	FEMALE THREAD in.	PART NUMBER NPT	HOSE CONNECTION mm	PART NUMBER
1/4	615 811 0520	1/4	615 811 0550	8	615 811 0580
3/8	615 811 0530	3/8	615 811 0560	10	615 811 0590
1/2	615 811 0540	1/2	615 811 0570	13	615 811 0600
				16	615 811 0610

Nipples ISO 6150B 8mm
see page 85



ISO 6150B 11mm / Max air flow capacity 127 cfm - 60 l/s (Delta 7.2 psi / 0.5 bar)
 Economical air flow 85 cfm - 40 l/s (Delta 2.9 psi / 0.2 bar)

MALE THREAD in.	PART NUMBER NPT	FEMALE THREAD in.	PART NUMBER NPT	HOSE CONNECTION mm	PART NUMBER
1/4	615 811 0620	1/4	615 811 0650	10	615 811 0680
3/8	615 811 0630	3/8	615 811 0660	13	615 811 0690
1/2	615 811 0640	1/2	615 811 0670	16	615 811 0700
				19	615 811 07 10

Nipples ISO 6150B 11mm
see page 85



QUICK RELEASE COUPLINGS - ASIA 7.5MM: JAPAN, CHINA, INDIA

ASIA 7.5mm / Max air flow capacity 36 cfm - 17 l/s (Delta 7.2 psi / 0.5 bar)
 Economical air flow 23.3 cfm - 11 l/s (Delta 2.9 psi / 0.2 bar)

MALE THREAD in.	PART NUMBER R	FEMALE THREAD in.	PART NUMBER R	HOSE CONNECTION mm	PART NUMBER
1/4	615 811 0320	1/4	615 811 0350	6	615 811 0380
3/8	615 811 0330	3/8	615 811 0360	8	615 811 0390
1/2	615 811 0340	1/2	615 811 0370	10	615 811 0400
				13	615 811 0410

Nipples ASIA 7.5mm
see page 86



Connecting Accessories

BALL VALVES

Suitable for air, water and many other liquids and gases.



DESCRIPTION	FEMALE THREAD		PART NUMBER	
	in.	NPT	BSP	
CP BAL 08	1/4	615 810 9490	615 810 9410	
CP BAL 10	3/8	615 810 9500	615 810 9420	
CP BAL 15	1/2	615 810 9510	615 810 9430	
CP BAL 20	3/4	615 810 9520	615 810 9440	
CP BAL 25	1	615 810 9530	615 810 9450	
CP BAL 32	1-1/4	-	615 810 9460	
CP BAL 40	1-1/2	-	615 810 9470	
CP BAL 50	2	-	615 810 9480	

360° SWIVEL AIR INLET

Aimed to improve the working ergonomoy, Air flex connectors can rotate 360° eliminating efforts when working in cramped spaces



	PART NUMBER
Swivel	894 015 8412



AIR FLEX

Aimed to improve the working ergonomoy, Air flex connectors can rotate 360° eliminating efforts when working in cramped spaces



MULTI DIRECTION SWIVEL CONNECTOR	MAX RECOMMENDED FLOW		PART NUMBER		
	cfm	l/s	BSP	NPT	R
1/4"	25	12	615 804 7460	615 804 7470	615 995 5590
3/8"	74	35	615 804 7480	615 804 7490	615 995 5570
1/2"	74	35	615 804 7500	615 804 7510	615 995 5580

SIMPLE PRESSURE CLAMPS (TO BE USED WITH PLYERS)



DESCRIPTION		FOR EFFI		FOR PVC		PART NUMBER
in.	mm	ID in.	IDxOD mm	ID in.	IDxOD mm	
0.204-0.244	5.2-6.2	-	-	-	-	615 810 9790
0.232-0.276	5.9-7.0	-	-	-	-	615 810 9800
0.276-0.334	7.0-8.5	-	-	1/8	3x7	615 810 9810
0.334-0.393	8.5-10	1/4	6x9	3/16	5x9	615 810 9820
0.386-0.464	9.8-11.8	5/16	8x10	1/4	6x11	615 810 9830
0.445-0.523	11.3-13.3	5/16	8x12	5/16	8x12	615 810 9840
0.504-0.583	12.8-14.8	3/8	10x13 / 10x14	3/8	9.5x13 / 10x14	615 810 9850
0.575-0.661	14.6-16.8	1/2	13x16.5	3/8	10x16	615 810 9860
0.650-0.740	16.5-18.8	1/2	13x18	1/2	13x18	615 810 9870
0.709-0.799	18.0-20.3	1/2	13x18.6	1/2	12.5x19	615 810 9880
0.795-0.898	20.2-22.8	5/8	16x21	5/8	16x22	615 810 9890
0.866-0.976	22.0-24.8	3/8	16x22.5	5/8	16x23	615 810 9900
0.917-1.035	23.3-26.3	3/4	20x24	-	-	615 810 9910
1.043-1.181	26.5-30.0	-	-	3/4	20x26.6	615 810 9920
1.173-1.303	29.8-33.1	1	25x31	1	25x32	615 810 9930

PRESSURE CLAMP WITH SCREW



DESCRIPTION		FOR EFFI	FOR PVC RUBBER & POLYURETHANE	PART NUMBER
in.	mm	ID in.	ID in.	
0.31-0.55	8-14	1/4-5/16	1/8-1/4-5/16	615 804 6730
0.43-0.67	11-17	3/8	3/8	615 804 6740
0.51-0.79	13-20	1/2	1/2	615 804 6750
0.59-0.94	15-24	-	-	615 804 6760
0.75-1.10	19-28	5/8	5/8	615 804 6770
0.87-1.26	22-32	3/4	3/4	615 804 6780
1.02-1.50	26-38	-	-	615 810 9940
1.26-1.73	32-44	1	1	615 810 9950
1.50-1.97	38-50	-	-	615 810 9960
1.97-2.56	50-65	-	-	615 810 9970

HEAVY DUTY PRESSURE CLAMP FOR RUBBER



DESCRIPTION		FOR EFFI MAX	FOR RUBBER	PART NUMBER
in.	mm	ID in.	ID in.	
0.87-0.98	22-25	5/8	5/8	615 811 0050
0.98-1.10	25-28	3/4	3/4	615 811 0060
1.14-1.26	29-32	-	-	615 811 0070
1.34-1.50	34-38	-	1	615 811 0080



PIPE CROSS - 4 female threads



THREAD FEMALE in.	PART NUMBER BSP
1/4	894 016 9417
3/8	894 016 9418
1/2	894 016 9419

CROSS - 3 female thread / 1 male thread



THREAD		PART NUMBER BSP
FEMALE in.	MALE in.	
1/4	1/4	894 016 9420
3/8	3/8	894 016 9421
1/2	1/2	894 016 9422

Y CONNECTION - 2 female outlet - 1 male inlet



THREAD		PART NUMBER BSP
FEMALE in.	MALE in.	
1/4	1/4	894 016 9423
3/8	3/8	894 016 9424
1/2	1/2	894 016 9425

PIPE ELBOW



THREAD		PART NUMBER BSP
FEMALE in.	FEMALE in.	
1/4	1/4	894 016 9426
3/8	3/8	894 016 9427
1/2	1/2	894 016 9428
3/4	3/4	894 016 9429
1	1	894 016 9430

TEE - 2 female outlet - 1 female inlet



THREAD FEMALE in.	PART NUMBER BSP
1/4	894 016 9431
3/8	894 016 9432
1/2	894 016 9433
3/4	894 016 9434
1	894 016 9435

TEE - 2 female outlet - 1 male inlet



THREAD		PART NUMBER BSP
FEMALE in.	MALE in.	
1/4	1/4	894 016 9436
3/8	3/8	894 016 9437
1/2	1/2	894 016 9438
3/4	3/4	894 016 9439
1	1	894 016 9440

TEE - 2 female outlet 90° - 1 male inlet



THREAD		PART NUMBER BSP
FEMALE in.	MALE in.	
1/4	1/4	894 016 9441
3/8	3/8	894 016 9442
1/2	1/2	894 016 9443

HEX HEAD PLUG



THREAD MALE in.	PART NUMBER BSP
1/4	894 016 9444
3/8	894 016 9445
1/2	894 016 9446
3/4	894 016 9447
1	894 016 9448

CONNECTOR REDUCER



THREAD		PART NUMBER BSP
MALE in.	FEMALE in.	
1/4	1/8	894 016 9449
3/8	1/4	895 101 1823
1/2	1/4	895 101 1839
1/2	3/8	895 101 1828
3/4	1/2	894 016 9450
1	3/4	894 016 9451

CONNECTOR REDUCER BRASS



THREAD		PART NUMBER BSP
MALE in.	FEMALE in.	
1/8	1/4	894 016 9452
1/4	3/8	894 016 9453
3/8	1/2	894 016 9454

DOUBLE CONNECTOR



THREAD		PART NUMBER BSP
MALE in.	MALE in.	
1/8	1/8	894 016 9455
1/8	1/4	894 016 9456
1/4	1/4	895 101 1822
1/4	3/8	895 101 1824
3/8	3/8	895 101 1821
3/8	1/2	895 101 1825
1/2	1/2	895 101 1827
1/2	3/4	894 016 9457
3/4	3/4	894 016 9458
3/4	1	894 016 9459
1	1	894 016 9460

ADAPTERS



THREAD		PART NUMBER
MALE BSP	FEMALE NPT	
1/8	1/8	61103
1/4	1/4	181523
3/8	3/8	894 016 9797

Fittings

HOSE STEMS



INNER HOSE DIAMETER		PART NUMBER BSP
in.	mm	
1/4	6	895 101 1798
3/8	9	895 101 1799
1/2	13	895 101 1800

HOSE CONNECTION



THREAD INNER		PART NUMBER BSP
male in.	hose diameter	
1/4	6mm	895 101 1801
1/4	9mm	895 101 1802
3/8	9mm	895 101 1803
3/8	13mm	895 101 1804
1/2	13mm	895 101 1805
1/2	16mm	895 101 1806



MANIFOLD

3/8 inlet on each side - 1/4 outlets 1 side for couplings



CONNECTION THREAD		OUTLET NUMBER	PART NUMBER BSP
inlet in.	outlet in.		
3/8	1/4	4	894 016 9410
3/8	1/4	5	894 016 9411
3/8	1/4	6	894 016 9412

MANIFOLD

3/8 inlet on each side - 1/4 outlets both side couplings



CONNECTION THREAD		OUTLET NUMBER	PART NUMBER BSP
inlet in.	outlet in.		
3/8	1/4	4	894 016 9413
3/8	1/4	6	894 016 9414
3/8	1/4	8	894 016 9415
3/8	1/4	10	894 016 9416

LUBRICATION

OIL PROTECTO-LUBE



DESCRIPTION		PART NUMBER
4 oz (0.12 l)	Air Tool Oil	CA149661
20.8 oz (0.591 l)	Air Tool Oil	CA000046
1gal. (3.8 l)	Airoilene oil	P089507

MINI OILER



DESCRIPTION	PART NUMBER
THREAD 1/4" NPT	205 052 4123
THREAD 3/8" NPT	205 052 4293

OTHER ACCESSORIES

AIR FLOW REGULATOR



DESCRIPTION	PART NUMBER
Economic flow regulator 1/4" NPT	LC121737
Heavy-duty flow regulator 1/4" NPT	CA085203

BLOW GUN



DESCRIPTION	PART NUMBER
Air blow gun 1/4"	615 197 9880

Other Accessories

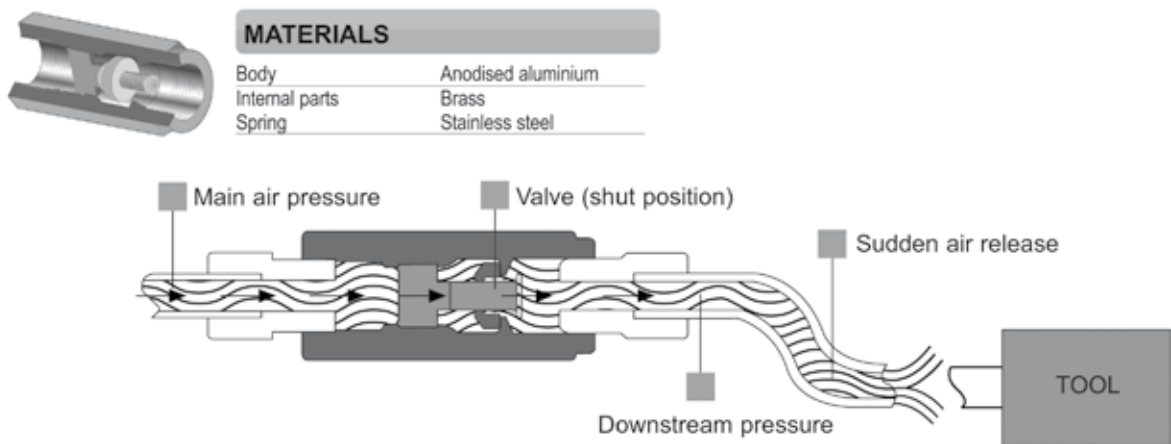
AIR FUSES

When a fitting comes loose from a pressurized hose or the hose is damaged, the hose starts to blow an excessive amount of air in an uncontrolled way, causing hose whip. This can cause injury, and damage to the workpiece and environment.

A way to ensure that this doesn't happen is to use an Air Fuse. It reduces the likelihood of potentially dangerous hose whip

caused when a hose bursts or a fitting becomes detached. It quickly shuts off the supply and resets automatically as soon as back pressure in the line downstream is restored.

Air Fuses help to meet OSHA requirement 1926.302 (USA) and may eliminate the need for restraining or shielding hose, as required by European Standard EN983.



- Reduces risk of hose whip, helping to protect personnel
- Simple and reliable design
- High life expectancy

- Aluminium anodised body for high corrosion resistance
- Auto-Reset to restart downstream activity with the minimum downtime

PORT SIZE	PRESSURE DROP AT SHUT OFF FLOW		SHUT OFF FLOW RATE AT 7 BAR		TOOL MAXIMUM AIR FLOW		FOR FLOW RATES	PART NUMBER	
	bar	psi	l/s	cfm	l/s	cfm		in.	BSP
1/4"	0.14	2.03	7.8	16.4	5.0	10.5	Low	615 811 2420	615 811 2450
1/4"	0.30	4.35	13.0	27.3	10.0	21.0	High	110402	615 811 2460
3/8"	0.14	2.03	18.0	37.8	10.0	21.0	Low	110422	615 811 2470
3/8"	0.30	4.35	32.0	67.2	25.0	52.5	High	110432	615 811 2480
1/2"	0.30	4.35	45.0	94.5	35.0	73.5	High	110442	615 811 2490
3/4"	0.30	4.35	75.0	157.5	60.0	126.0	High	615 811 2430	615 811 2500
1"	0.30	4.35	86.0	180.6	70.0	147.0	High	615 811 2440	110542

TEST EQUIPMENT

AIR TOOL SIMULATOR



DESCRIPTION	PART NUMBER
Air tool simulator	615 811 0090

To check whether the pressure or air flow is sufficient. The air tool simulator will be connected instead of the pneumatic tool. Supplied with different connections.

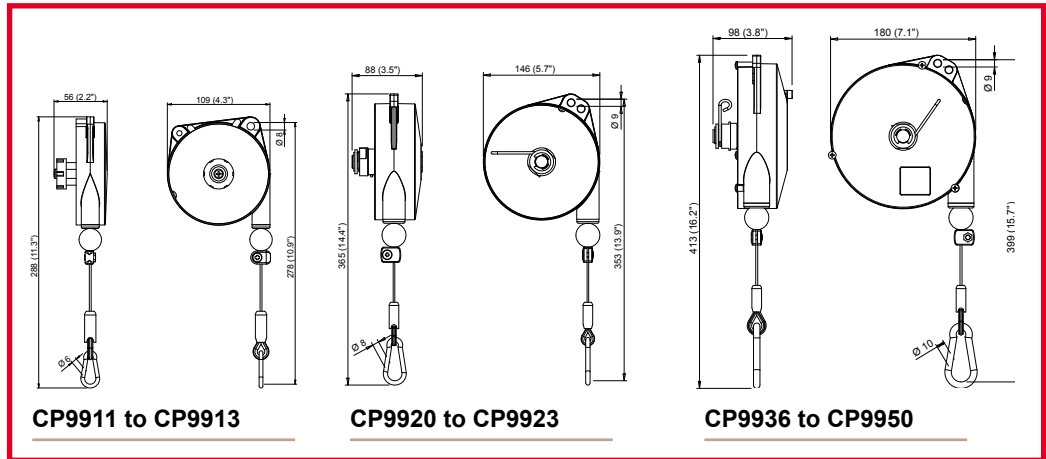
Balancers

BALANCERS - CP9911 to CP9950

The CP balancers are premium quality products developed to take the weight of the tool away from the operator's arm. They eliminate stress and fatigue and help improve productivity. Ideally suited for heavy tools and and/or repetitive tasks.



- Spring retractor:**
- . Cylindrical shape
 - . Automatic load retraction
 - . Working area remains free
 - . Cable made of stainless steel
 - . Aluminium housing
 - . 5.2 to 8.2 ft (1,600 to 2,500 mm) cable stroke



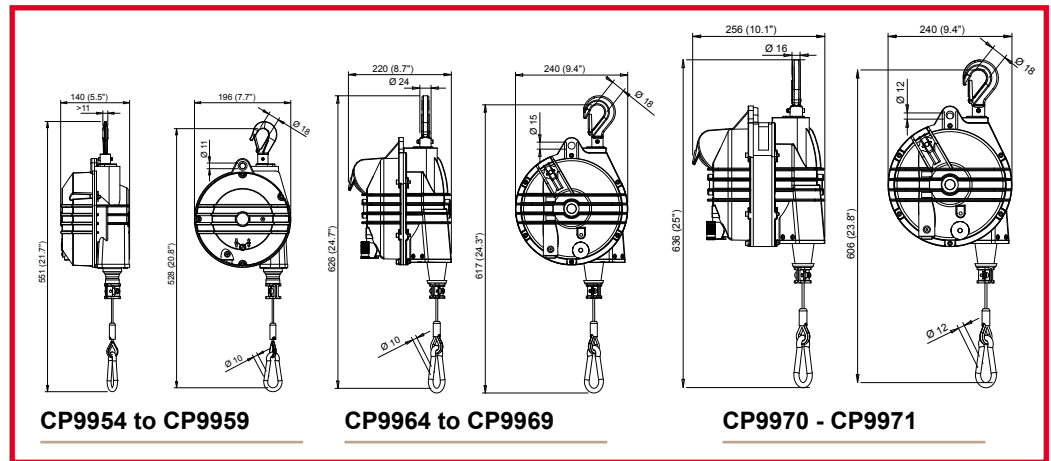
MODEL	LOAD RANGE		STROKE		NET WEIGHT		PART NUMBER
	lb.	kg	ft	mm	lb.	kg	
Light duty balancers							
CP9911	0.8-2.2	0.4-1.0	5.2	1,600	1.3	0.6	894 109 9110
CP9912	2.2-4.4	1.0-2.0	5.2	1,600	1.3	0.6	894 109 9120
CP9913	4.4-6.6	2.0-3.0	5.2	1,600	1.5	0.7	894 109 9130
Medium duty balancers							
CP9920	2.2-5.5	1.0-2.5	6.5	2,000	4.4	2.0	894 109 9200
CP9921	4.4-8.8	2.0-4.0	6.5	2,000	4.4	2.0	894 109 9210
CP9922	8.8-13.2	4.0-6.0	6.5	2,000	5.1	2.3	894 109 9220
CP9923	13.2-17.6	6.0-8.0	6.5	2,000	2.5	5.5	894 109 9230
Medium duty balancers							
CP9936	4.4-8.8	2.0-4.0	8.2	2,500	6.4	2.9	894 109 9360
CP9937	8.8-13.2	4.0-6.0	8.2	2,500	7.1	3.2	894 109 9370
CP9938	13.2-17.6	6.0-8.0	8.2	2,500	7.7	3.5	894 109 9380
CP9939	17.6-22.0	8.0-10	8.2	2,500	8.2	3.7	894 109 9390
CP9940	22.0-30.8	10-14	8.2	2,500	8.8	4.0	894 109 9400
CP9946*	4.4-8.8	2.0-4.0	8.2	2,500	6.6	3.0	894 109 9460
CP9947*	8.8-13.2	4.0-6.0	8.2	2,500	7.3	3.3	894 109 9470
CP9948*	13.2-17.6	6.0-8.0	8.2	2,500	7.9	3.6	894 109 9480
CP9949*	17.6-22.0	8.0-10	8.2	2,500	8.4	3.8	894 109 9490
CP9950*	22.0-30.8	10-14	8.2	2,500	8.8	4.0	894 109 9500

* Equipped with a stroke locking device

BALANCERS - CP9954 to CP9971



- Reaction free:**
- . Conical shape
 - . Constant retracting force
 - . Holds the selected height
 - . Cable made of stainless steel
 - . Aluminium housing
 - . 6.5 ft (2,000mm) cable stroke



MODEL	LOAD RANGE		STROKE		NET WEIGHT		PART NUMBER
	lb.	kg	ft	mm	lb.	kg	
Medium duty to heavy duty balancers							
CP9954	8.8-15.4	4.0-7.0	6.5	2,000	11.0	5.0	894 109 9540
CP9955	15.4-22	7.0-10	6.5	2,000	12.1	5.5	894 109 9550
CP9956	22-30.9	10-14	6.5	2,000	12.1	5.5	894 109 9560
CP9957	31-39.7	14-18	6.5	2,000	14.3	6.5	894 109 9570
CP9958	39.7-48.5	18-22	6.5	2,000	13.2	6.0	894 109 9580
CP9959	48.5-55	22-25	6.5	2,000	14.6	6.6	894 109 9590
Heavy duty balancers							
CP9964	55-66	25-30	6.5	2,000	25.4	11.5	894 109 9640
CP9965	66-77	30-35	6.5	2,000	26.0	11.8	894 109 9650
CP9966	77-99	35-45	6.5	2,000	27.3	12.4	894 109 9660
CP9967	99-121	45-55	6.5	2,000	27.6	12.5	894 109 9670
CP9968	121-143	55-75	6.5	2,000	30.0	13.6	894 109 9680
CP9969	143-165	65-75	6.5	2,000	32.0	14.5	894 109 9690
Super heavy duty balancers							
CP9970	165-198	75-90	6.5	2,000	38.1	17.3	894 109 9700
CP9971	198-231	90-105	6.5	2,000	39.7	18.0	894 109 9710

The Right Compressed Air Solution



The right compressed air solution

HIGH PERFORMANCE PRODUCT

At Chicago Pneumatic, quality is a priority!
We are constantly optimizing our products to offer you the right compressed air solution to get the job done.

OUR PRODUCTS PROVIDE:

Performance in the most important ways - air flow, energy efficiency..

Durability of materials at the value you are looking for operator comfort thanks to design features that reduce noise, vibration, etc...

OUR PRODUCT OFFER

With our focus on your industry, Chicago Pneumatics is the perfect partner for industrial projects with piston compressors, rotary screw compressors, and compressed air solutions for a wide range of applications.

Please contact the CP Compressor Division for additional information.

Check our full offer on www.cp.com

Professional Mobile...

CPRA / CPRB

Series - 1 - 3 hp (0.7 - 2.2kW)



FEATURES

Ducting

The air intake, air outlet and the cooling of the air are all at the same side, which makes it easy for ducting. The machine can be installed against a wall if ducting is performed.

Cooling

A large axial fan with separate motor and oversized oil/air and air/air cooler for better cooling.

Filtration

Filtration of the incoming cooling air as well as the air inlet of the compressor through a high efficiency plated air filter.

Oil separation

The oil vessel and oil filters are designed for separation of the oil to a residual level of 3ppm and a minimal pressure drop over the compressor.

USER BENEFITS

Accessibility of parts

All consumables at same side of the machine and easy to access.

Oil level eye and oil plug

For easy oil filling

Easy to Drain

Ease of maintenance











Large damping pads

Low noise level and low vibrations

ES3000

1 easy and efficient controller for the whole range.

Technology		Piston compressor
Use		Short time - intermittent
Noise level		Standard
Vessel sizes		1.3, 2.6, 2.9+2.9, 6.3, 13, 24 or 53 Gal - (6, 10, 11+11, 24, 50, 90 or 200 L)
Air displ.		4.6 - 12 cfm (130 - 340 l/m)
Power		1 to 3 hp (0.7 to 2.2 kW)
Pressure		116 - 145 psi (8 - 10 bar)
Weight		33 - 214 lbs (15 - 97 kg)

FLEXIBILITY AND COMPACTNESS

Short tasks to complete and small things to repair?

The direct driven oil lubricated compressors are suitable range which has been designed with an eye on quality and robustness. Perfect alignment of the panels and the possibility to duct and place against a wall are the big advantages of this range.



General Assembly & Light...

CPA / CPB Series - 7.5 - 40 hp (5.5 - 30kW)











INNOVATIVE DESIGN CONCEPT

The CPA-CPB Series can be configured as an ultimate all-in-one solution that is comprised by:

- Air receiver 270 or 500L
- Refrigerant dryer
- Automatic drain
- Line filter



Forget about complex and costly installations. Simply connect the power, connect the piping and press START!

Technology		Screw compressor
Use		Continuous
Noise level		Silent: 66 - 77 dB(A)
Vessel sizes		0.27 or 132 Gal (0, 270 or 500 L)
FAD		18 - 137 cfm (520 - 3893 l/min)
Power		7,5 - 40 hp / 5,5 - 30 kW
Pressure		116 - 188 psi (0, 270 or 500 L)
Weight		553 - 1441 lbs (251 - 654 kg)

FEATURES

Dry and clean air.

The CPA-CPB provides you with dry and clean air suitable for even the most demanding applications. No moisture, solid and liquid particles that compromise or damage your pneumatic equipment.

Oversized air-oil separator.

Designed to provide an ultra-low residual oil content: only 3 ppm will enter your network. The oversized air-oil separator has a large surface area to separate the oil, which also results in low pressure drop and better energy efficiency.

USER BENEFITS

Low noise levels

Insulation foam, deflectors and anti-vibration pads assure low noise levels.

Easy and fast maintenance

Enabled by good positioning of service items: belts, oil and filters

ES3000

A unique control unit, specially programmed for energy saving



Built to last

Designed for continuous duty and very hard working conditions

Small footprint

Compresses, stores and processes air using just 1,5 m².

THE ULTIMATE ALL-IN-ONE SOLUTION

Chicago Pneumatic introduced the CPA-CPB Series more than a decade ago. And in this period of time CPB Series is a strong reputation of quality and top performance was built.

But, apart from this remarkable past, the design and philosophy have evolved to match new customer needs: a beautiful all-in-one, powerful and silent screw compressor.

That's what the CPA-CPB Series is!

Light Industry

CPC / CPD Series

40 - 125 hp (30 - 90kW)



FEATURES

Ducting

The air intake, air outlet and the cooling of the air are all at the same side, which makes it easy for ducting. The machine can be installed against a wall if ducting is performed..

Cooling

A large axial fan with separate motor and oversized oil/air and air/air cooler for better cooling.

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Filtration of the incoming cooling air as well as the air inlet of the compressor through a high efficiency plated air filter.

Oil separation

The oil vessel and oil filters are designed for separation of the oil to a residual level of 3ppm and a minimal pressure drop over the compressor.

USER BENEFITS

Accessibility of parts

All consumables at same side of the machine and easy to access.

Oil level eye and oil plug

For easy oil filling



Easy to Drain









Ease of maintenance

Large dampening pads

Low noise level and low vibrations

ES3000

1 easy and efficient controller for the whole range.

Technology		Screw compressor
Use		Continuous
Noise level		Silent: 67 - 76 dB(A)
Vessel sizes		1013 - 5174 GAL - (3833-19583 l)
FAD		51 - 167 cfm (1440 - 4740 l/min)
Power		40 - 125 hp (30 - 90kW)
Pressure		116 - 132 psi (8 - 13 bar)
Weight		1499 - 2645 lbs (680 - 1200 kg)

POWERFUL, COMPACT AND EASY TO MAINTAIN

For bigger installations the belt driven CPC and CPD range has been designed in order to suit your needs.

Compact, easy to install and maintain, the complete range has been designed with an eye on quality and robustness. Perfect alignment of the panels and the possibility to duct and place against a wall are the big advantages of this range.



General Safety Instructions for the Operation of Power Tools

The goal of Chicago Pneumatic is to produce tools that help the operator work safely and efficiently. The most important safety device for this or any tool is the operator. Care and good judgement are the best protection against injury. All possible hazards cannot be covered here, but we have tried to highlight some of the important ones. Individuals should look for and obey Caution, Warning and Danger Signs placed on tools, and displayed in the workplace. Operators should read and follow safety instructions packed with each tool. For a copy of these instructions, contact Chicago Pneumatic Customer Service in the USA and Canada at (800) 624-4735 or contact your nearest Chicago Pneumatic representative.

Learn how each tool works. Even if you have previously used similar tools, carefully check out each tool before you use it. Get the "feel" of it and know capabilities, limitations, potential hazards, how it operates and how it stops.



WARNING

Multiple Hazards. Read and understand safety instructions supplied with tool before operating or servicing. Failure to do so can result in serious bodily injury.

All tools are designed to operate on a air line pressure of 6.3 bar +/- 0.15 bar in accordance with ISO2787, 8NTC1.2. Sound levels +/- 3dB(A)* are measured in accordance with EN ISO15744. Vibration values* are measured in accordance with ISO8662 & ISO28927

**These declared values were obtained by laboratory type testing in accordance with the stated standards and are suitable for comparison with the declared values of other tools tested in accordance with the same standards. These declared values are not adequate for use in risk assessments and values measured in individual work places may be higher. The actual exposure values and risk of harm experienced by an individual user are unique and depend upon the way the user works, the workpiece and the workstation design, as well upon the exposure time and the physical condition of the user. We, Chicago Pneumatic, cannot be held liable for the consequences of using the declared values, instead of values reflecting the actual exposure, in an individual risk assessment in a work place situation over which we have no control.*



Compressed Air Hazards

- Air under pressure can cause injury. Never point an air hose at yourself or anyone else. Never blow your clothes free of dust with compressed air. Always direct exhaust air away from yourself and others in the work area.
- Always check for damaged or loose hoses and fittings before using an air tool, and replace if necessary. Whipping hoses can cause serious injury.
- Disconnect the tool from the air supply when not in use, before changing accessories, setting the torque, or when making repairs.
- Do not exceed rated air pressure to increase the output of the tool. This could cause injury and shorten tool life.
- Do not assemble quick coupler on the tool. Vibration can cause breakage resulting in a whipping air hose. Instead, use quick couplers on the end of a short leader hose.
- When universal twist couplings are used, lock pins must be installed to prevent accidental hose disconnection.
- Air tools are not intended for use in explosive atmospheres and are not insulated for contact with electric power sources.



Projectile Hazards for all air tools

- Always wear impact resistant eye and face protection when involved with or near the operation or the repair of air tools.



Noise Hazards

- Hearing loss can result from prolonged exposure to excessive sound levels.
- Use hearing protection as recommended by your employer or OSHA regulation (see 29 CFR part 1910).



Entanglement Hazards

- To reduce the risk of injury from entanglement, do not wear loose clothing when using rotating accessories.



Additional Hazards

- Slip/Trip/Fall is a major cause of serious injury or death. Beware of excess hose/cord left on the walking or work surface.
- Operators and maintenance personnel must be physically fit to perform job tasks, and handle the bulk, weight and power of the tool.
- Deburring tools should be used to reduce risk of cuts and abrasions due to burrs.
- Wear gloves to protect hands from sharp edges.



Breathing Hazards

- Proper breathing protection must be worn when working with materials which produce airborne particles.



Vibration Hazards

- Repetitive work motions, awkward positions and exposure to vibration may be harmful to your hands and arms.
- If numbness, tingling, pain or whitening of the skin occurs, stop using tool and consult a physician.

Specific Safety Instructions for Power Tool Groups

In addition to the General Safety Instructions, the following are safety instructions and warnings that apply to the safe operation of specific power tool groups. Consult ANSI B186.1 Safety Code for Portable Air Tools. Available from: America National Standards Institute (ANSI), 11 W. 42nd St., 13th floor, New York, New York 10036, (212) 642-4900; or the European Committee for Standardization, Rue de Stassart 36, 1050 Brussels, Belgium.

Impact Wrenches



- Never use hand sockets. Use only impact sockets in good condition. Sockets in poor condition reduce impact power and could also shatter, resulting in personal injury.
- When using a universal joint, never free run the tool, it may run too fast and cause the joint to be thrown from the tool.
- Always use the simplest hook-up possible. Long springy extension bars and adapters absorb impact power and could break loose resulting in personal injury. Instead, use deep sockets whenever possible.
- For tools using the pin and o-ring socket retainer, use the o-ring to securely retain the socket pin.

Abrasive Tools



- Never mount a grinding wheel on a sander.
- Never use a grinding wheel marked with a speed lower than the rated air grinder speed.
- All grinding wheels and polishing/sanding accessories should be checked for cracks or other damage before mounting and use.
- Always use the recommended wheel guard to prevent injury when performing grinding operations. If a guard has withstood wheel or disc breakage, it must be replaced.
- Position a guard between the grinding wheel or disc and the operator. Use barriers to protect others from fragments and grinding sparks.
- Make sure grinding wheels are mounted according to manufacturer's specifications; always use correct mounting flanges.
- Before grinding, test grinding wheel or disc by briefly running tool at full throttle. Be sure to use a barrier (such as under a heavy work table) to protect yourself from possible broken wheel parts.
- Never tamper with or remove a speed governor from a tool to make it run faster. Periodically check tool speed with a tachometer.

Assembly Tools



- Serious injury can result from over-torqued or under-torqued fasteners, which can break, or loosen and separate.
- Released assemblies can become projectiles. Assemblies requiring a specific torque must be checked using a torque meter.

Hammers



- All chisels, rivet sets and other accessories should be checked for cracks, excessive wear, or other physical damage before each use. Accessories that show signs of damage should be replaced immediately.
- Never use a tool without the proper accessory retainer.

Drills



- Keep away from rotating bit and chuck. You can become cut or burned if you come in contact with the drill bit, chips or work surface.
- Use intermittent drill pressure to avoid long shaved chips.
- The drill bit can suddenly bind and cause the work piece or tool to rotate causing arm and shoulder injuries.
- ANSI recommends use of a support handle on drills with a chuck larger than 3/8" (10 mm).

Accessories



- Always use accessories of correct size and design for the tool. Tool and accessories must not be modified in any way.
- Never use a tool without the proper accessory retainer.

See Safety Requirements for Abrading Materials with Coated Abrasives (B7.7) from ANSI.

Sound & Vibration Values

All values are current as of the date of this publication. For the latest information please visit www.cp.com

PAGE	MODEL	PART NUMBER	SOUND PRESSURE ISO 15744 dB(A)	SOUND POWER	VIBRATION LEVEL *			PAGE	MODEL	PART NUMBER	SOUND PRESSURE ISO 15744 dB(A)	SOUND POWER	VIBRATION LEVEL *			
					ISO 8662 m/s ²	ISO 28927							ISO 8662 m/s ²	ISO 28927		
						a	K							a	K	
73	B14A	615 174 0220	88	99	5.5	4.9	6.9	35	CP3000-325F	615 160 0180	84	95	-	<2.5		
75	B20	615 174 0340	86	97	8.1	13.1	18.3	35	CP3000-325R	615 160 0150	79	90	-	3.2	1.6	
75	B20-0	615 174 0350	83	94	9.1	16.6	23.2	35	CP3000-330F	615 160 0170	84	95	-	3.2	1.6	
75	B20-00	615 174 0360	84	95	10.5	20.5	28.7	35	CP3000-330R	615 160 0160	78	89	-	<2.5		
75	B20-1	615 174 0370	84	95	10.3	14.2	19.9	37	CP3000-415F	615 160 0230	82	93	-	<2.5		
75	B20L	615 174 0380	84	95	20.0	21.1	29.6	37	CP3000-415R	615 160 0190	80	91	-	<2.5		
75	B20L-1	615 174 0390	84	95	20.0	19.8	27.7	37	CP3000-418F	615 160 0240	82	93	-	<2.5		
73	B23	615 174 0420	92	103	17.6	23.2	32.4	37	CP3000-418R	615 160 0200	77	88	-	<2.5		
19	CP0610 GALED	T018046	97	108	6.4	11.1	4.2	37	CP3000-420F	615 160 0250	82	93	-	<2.5		
19	CP0610 PALED	T018253	97	108	6.4	11.1	4.2	37	CP3000-420R	615 160 0210	78	89	-	<2.5		
19	CP0611 GASED	T022580	97	108	10.9	16.1	4.5	37	CP3000-424F	615 160 0260	82	93	-	<2.5		
19	CP0611 GASEL	T022581	97	108	10.9	16.1	4.5	37	CP3000-424R	615 160 0220	79	90	-	<2.5		
19	CP0611 HAZED	T022582	97	108	10.9	16.1	4.5	37	CP3000-515F	615 160 0300	NA	NA	-	<2.5		
19	CP0611 PASED	T022578	97	108	10.9	16.1	4.5	37	CP3000-515R	615 160 0270	81	92	-	<2.5		
19	CP0611 PASEL	T022579	97	108	10.9	16.1	4.5	37	CP3000-518F	615 160 0310	NA	NA	-	<2.5		
17	CP0611P RLS	T025414	102	113	12.4	16.8	4.7	37	CP3000-518R	615 160 0280	80	91	-	<2.5		
17	CP0611P RS	T025413	102	113	12.4	16.8	4.7	37	CP3000-520F	615 160 0320	NA	NA	-	<2.5		
21	CP0614 GALED	T020021	97	108	9.5	18.8	4.0	37	CP3000-520R	615 160 0290	81	92	-	<2.5		
21	CP0614 PALED	T020022	97	108	9.5	18.8	4.0	35	CP3000-600CR	615 160 0140	71	82	<2.5	<2.5		
77	CP0951	T022306	79	90	-	9.2	2.9	35	CP3000-600CR	615 160 0330	71	82	<2.5	<2.5		
77	CP0952	T019191	81	92	-	15.4	4.3	39	CP3019-12AC	615 160 4070	78	89	-	3.7	1.9	
67	CP1064	615 194 1064	83	94	<2.5	<2.5		59	CP3019-12AF	615 160 7080	78	89	-	<2.5		
69	CP1117P05	615 158 0180	81	92	-	2.7	2.0	51	CP3019-13A4	615 160 7050	79	90	-	8.6	3.0	
69	CP1117P05	615 158 0170	81	92	-	2.7	2.0	35	CP3019-18	615 160 0090	76	87	-	<2.5		
69	CP1117P09	615 158 0150	81	92	-	3.7	2.6	51	CP3019-18A3	615 160 7060	80	91	-	12.3	2.6	
69	CP1117P09	615 158 0160	81	92	-	3.7	2.6	35	CP3019-20	615 160 0100	75	86	-	4.1	1.5	
69	CP1117P26	615 158 0130	82	93	-	3.6	1.7	51	CP3019-20A3	615 160 7070	83	94	-	13.3	3.2	
69	CP1107P26	615 158 0140	82	93	-	3.5	1.7	39	CP3019-20AC	615 160 4080	82	93	-	4.3	3.4	
69	CP1117P32	615 158 0120	82	93	-	<2.5		59	CP3019-20AF	615 160 7090	82	93	-	2.7	1.3	
69	CP1117P32	615 158 0110	82	93	-	<2.5		35	CP3019-20ES	615 160 2170	74	85	-	3.7	1.9	
69	CP1117P60	615 158 0090	82	93	-	<2.5		35	CP3019-25	615 160 0110	78	89	-	2.6	1.5	
69	CP1117P60	615 158 0100	82	93	-	<2.5		35	CP3019-25ES	615 160 2180	77	88	-	3.2	1.7	
67	CP1264	615 194 1264	78	89	<2.5	<2.5		35	CP3019-31	615 160 0120	79	90	-	3.3	2.0	
67	CP1274	615 194 1274	78	89	<2.5	<2.5		35	CP3019-31ES	615 160 2190	81	92	-	3.6	1.6	
67	CP1454	615 194 1454	83	94	<2.5	<2.5		35	CP3019-40	615 160 0130	81	92	-	<2.5		
67	CP1664	615 194 1664	83	94	<2.5	<2.5		35	CP3019-40ES	615 160 2200	80	91	-	3.0	2.0	
29	CP2003	615 192 2003	73	84	<2.5	<2.5		59	CP3030-325AFR	615 162 0060	85	96	-	NA		
29	CP2005	615 192 2005	76	87	<2.5	<2.5		39	CP3030-325F	615 160 4120	85	96	-	<2.5		
27	CP2006	615 192 2006	75	86	3.9	2.5 (4.2*)	(2*)	39	CP3030-325R	615 160 4090	80	91	-	<2.5		
29	CP2007	615 192 2007	81	92	<2.5	<2.5		39	CP3030-330F	615 160 4110	84	95	-	3.2	1.6	
29	CP2008	615 192 2008	76	87	<2.5	<2.5		39	CP3030-330R	615 160 4100	77	88	-	<2.5		
27	CP2009	615 192 2009	76	87	3.5	2.5 (26*)	(2*)	59	CP3030-415AFR	615 162 0070	82	93	-	NA		
29	CP2010	615 192 2010	76	87	<2.5	<2.5		39	CP3030-418F	615 160 4160	82	93	-	<2.5		
27	CP2011	615 192 2011	73	84	16.1	2.5 (18.5*)	(8*)	39	CP3030-418R	615 160 4130	75	86	-	<2.5		
29	CP2012	615 192 2012	73	84	<2.5	<2.5		59	CP3030-420AFR	615 162 0080	82	93	-	NA		
29	CP2611	615 192 2611	80	91	<2.5	<2.5		39	CP3030-420F	615 160 4170	82	93	-	<2.5		
27	CP2612	615 192 2612	77	88	<2.5	<2.5		39	CP3030-420R	615 160 4140	76	87	-	<2.5		
29	CP2621	615 192 2621	76	87	<2.5	<2.5		39	CP3030-424F	615 160 4180	82	93	-	<2.5		
29	CP2622	615 192 2622	75	86	<2.5	<2.5		39	CP3030-424R	615 160 4150	77	88	-	<2.5		
27	CP2623	615 192 2623	78	89	<2.5	<2.5		59	CP3030-515AFR	615 160 0100	NA	NA	-	NA		
27	CP2754	615 192 2754	77	88	<2.5	<2.5		39	CP3030-518F	615 160 4210	NA	NA	-	<2.5		
27	CP2764	615 192 2764	77	88	<2.5	<2.5		39	CP3030-518R	615 160 4190	82	93	-	<2.5		
								39	CP3030-520F	615 160 4220	NA	NA	-	<2.5		

* value on-load

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					ISO 8662		ISO 28927						ISO 8662		ISO 28927
					m/s ²	a	K						m/s ²	a	K
39	CP3030-520R	615 160 4190	80	91	-	<2.5	63	CP5080-4200D24	615 162 0010	78	89	-	2.7	1.1	
49	CP3040GABTIM	615 160 7010	88	99	-	7.2	2.4	63	CP5080-5220H18	615 162 0030	84	95	-	<2.5	
49	CP3040GASTIM	615 160 7020	91	102	-	9.6	3.3	11	CP6031 HABAD	T021887	88	99	4.3	7.4	4.9
59	CP3070-120G	615 162 0090	84	95	<2.5	<2.5		13	CP6031 HABAK	T021884	88	99	4.3	7.4	4.9
51	CP3109-13A4	615 160 7030	85	96	<2.5	9.3	3.0	13	CP6041 HABAB	T021888	96	107	5.7	8.8	3.2
51	CP3109-13A4ES	615 160 7040	84	95	<2.5	7.2	2.4	13	CP6041 HABAR	T022331	96	107	5.7	8.8	3.2
39	CP3109-13AC	615 160 4060	85	96	-	3.7	1.4	15	CP6060 SASAB	T024059	95	106	8.0	14.2	4.1
41	CP3109-19	615 160 0020	76	87	-	3.06	1.79	17	CP6060 SASAK	T024060	95	106	8.0	14.2	4.1
43	CP3109-19ES	615 160 2080	76	87	-	<2.5		15	CP6060 SASAR	T024058	95	106	8.0	14.2	4.1
41	CP3109-24	615 160 0030	81	92	-	<2.5		15	CP6060 ZASAB	T024064	95	106	8.0	14.2	4.1
43	CP3109-24ES	615 160 2090	81	92	-	<2.5		17	CP6060 ZASAK	T024063	95	106	8.0	14.2	4.1
41	CP3109-28	615 160 0040	85	96	-	<2.5		19	CP6110 GASED	T024425	93	104	10.5	18.1	5.9
43	CP3109-28ES	615 160 2100	85	96	-	<2.5		19	CP6110 PASED	T025100	93	104	10.5	18.1	5.9
41	CP3119-12	615 160 0050	76	87	-	<2.5		21	CP6120 GASED	T018237	102	113	12.4	21.0	6.6
45	CP3119-123X	615 160 6070	77	88	5.2	NA		21	CP6120 GASEL	T017755	102	112	12.4	21.0	6.6
43	CP3119-12EL	615 160 2150	74	85	-	2.97	1.33	21	CP6120 PASED	T018841	102	113	12.4	21.0	6.6
43	CP3119-12ES	615 160 2110	76	87	-	<2.5		21	CP6120 PASEL	T018235	102	113	12.4	21.0	6.6
45	CP3119-12ES3	615 160 6010	81	82	3.4	<2.5		11	CP6300 RSR	T025285	90	101	4.3	5.0	1.6
45	CP3119-12ES3X	615 160 6030	81	82	3.4	<2.5		13	CP6500 RS	T025214	96	107	4.4	8.0	2.5
45	CP3119-12ES4	615 160 6020	78	89	2.5	<2.5		13	CP6500 RSR	T025216	96	107	4.4	8.0	2.5
43	CP3119-12EXL	615 160 2160	74	85	--	3.01	1.39	13	CP6540 RSR	T025313	97	107	6.9	9.2	4.0
41	CP3119-15	615 160 0060	81	92	-	3.98	2.18	13	CP6540 RSS	T025314	97	107	6.9	9.2	4.0
43	CP3119-15ES	615 160 2120	81	92	-	<2.5		17	CP6910 RS	615 190 6910	96	107	8.3	13.7	4.9
45	CP3119-15ES2	615 160 6040	77	88	<2.5	<2.5		19	CP6920 PALED	615 190 6920	103	114	6.7	14.9	8.2
45	CP3119-15ES3	615 160 6050	78	89	6.3	2.7	1.1	77	CP716	T025348	103	114	17	5.5	1.9
41	CP3119-18	615 160 0070	80	91	-	2.92	1.75	61	CP7220CVE	894 127 2203	76	87	<2.5	3.2	1.4
43	CP3119-18ES	615 160 2130	80	91	-	<2.5		61	CP7220E	894 127 2201	76	87	<2.5	3.4	1.3
45	CP3119-18ES3	615 160 6060	77	88	5.2	5.3	3.1	61	CP7220HCVE	615 170 3790	81	92	<2.5	5.1	3.2
41	CP3119-22	615 160 0080	81	92	-	<2.5		61	CP7220HE	615 170 3770	81	92	<2.5	5.1	3.0
43	CP3119-22ES	615 160 2140	81	92	-	2.6	0.76	61	CP7220SVE	894 127 2202	76	87	<2.5	3.2	1.4
53	CP3241-276B7	615 160 7140	93	104	-	5.6	1.5	61	CP7250CVE	894 127 2503	76	87	<2.5	3.2	1.4
53	CP3241-276B7E	615 160 7130	93	104	-	4.6	1.4	61	CP7250E	894 127 2501	76	87	<2.5	3.2	1.4
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53	CP3241-284B7E	615 160 7150	93	104	-	6.7	2.2	61	CP7250HE	615 170 3740	81	92	<2.5	5.1	2.5
47	CP3249-GABSUDE	615 160 6190	82	93	<2.5	<2.5		61	CP7250SVE	894 127 2502	76	87	<2.5	5	2.3
47	CP3249-GABSUGE	615 160 6180	82	93	<2.5	<2.5		49	CP9113G	615 160 0010	93	104		3.6	1.8
55	CP3349-SALAVADE	615 160 9110	88	99	4.6	4.6		49	CP9113GES	615 160 2070	83	94		2.7	1.1
55	CP3349-SALAVELE	615 160 9130	87	98	4.0	NA		73	CP9160	615 197 9160	59	70	7.0	8.1	1.9
55	CP3349-SALAVETE	615 160 9150	84	95	<2.5	<2.5		77	CP9356	T021959	90	101	16.7	21.3	8.0
53	CP3450-12AA5	615 160 4040	94	105	5.9	8.1	2.9	77	CP9356NS	T022165	90	101	16.7	17.3	3.4
53	CP3450-12AB5	615 160 4050	94	105	5.2	8.5	2.9	73	CP9361	T012644	79	90	4.2	5.1	2.4
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53	CP3450-12AC45	615 160 4030	94	105	5.2	8.3	3.0	13	CP9541	615 190 9541	89	100	2.7	5.5	2.5
53	CP3450-12ACR4	615 160 4020	94	105	4.6	8.1	2.9	13	CP9542	615 190 9542	89	100	2.7	5.5	2.5
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43	CP3451-18SEC	615 160 2010	84	95	<2.5	2.7	1.8								
45	CP3451-18SER3	615 160 2060	84	95	5.1	3.1	1.3								
43	CP3451-18SERC	615 160 2040	84	95	<2.5	2.7	1.8								
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63	CP5080-4200D18	615 162 0020	81	91		<2.5									

VIBRATION LEVELS

The vibration values are reported in accordance with standard ISO28927-x (effective from 29.12.2009) or standard EN60745 for power tools. a gives the vibration value (m/s²) and K the measurement uncertainty (m/s²). They represent the values, as measured in the lab, taken from 3 axes and closest to real conditions, rather than the data obtained on one axis as was the case under the previous standard ISO8662-x. Nevertheless, these other values are also available for comparison. For more information, please visit our website www.cp.com

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Warranty Information



Chicago Pneumatic

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