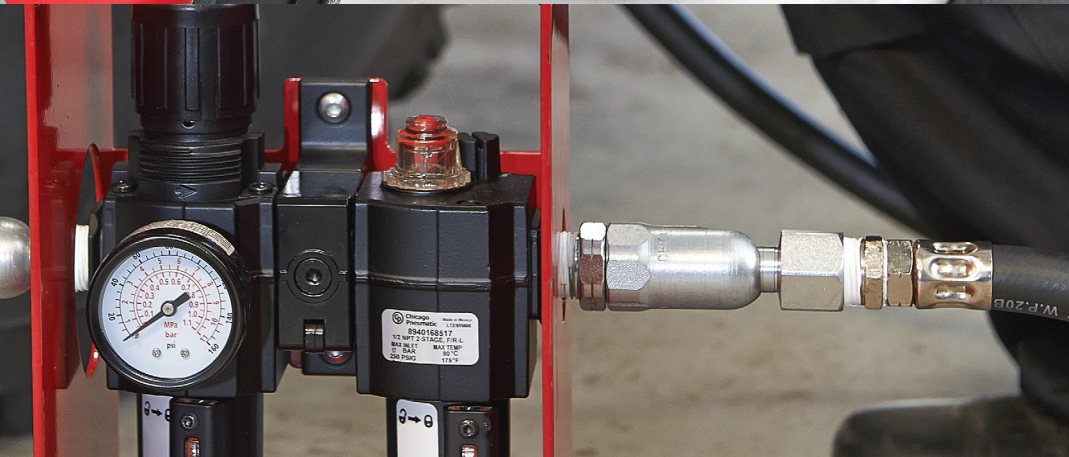


Accessories



People.
Passion.
Performance.



Air line network

Chicago Pneumatic Air Preparation Units are designed to help you get maximum performance from your tools.

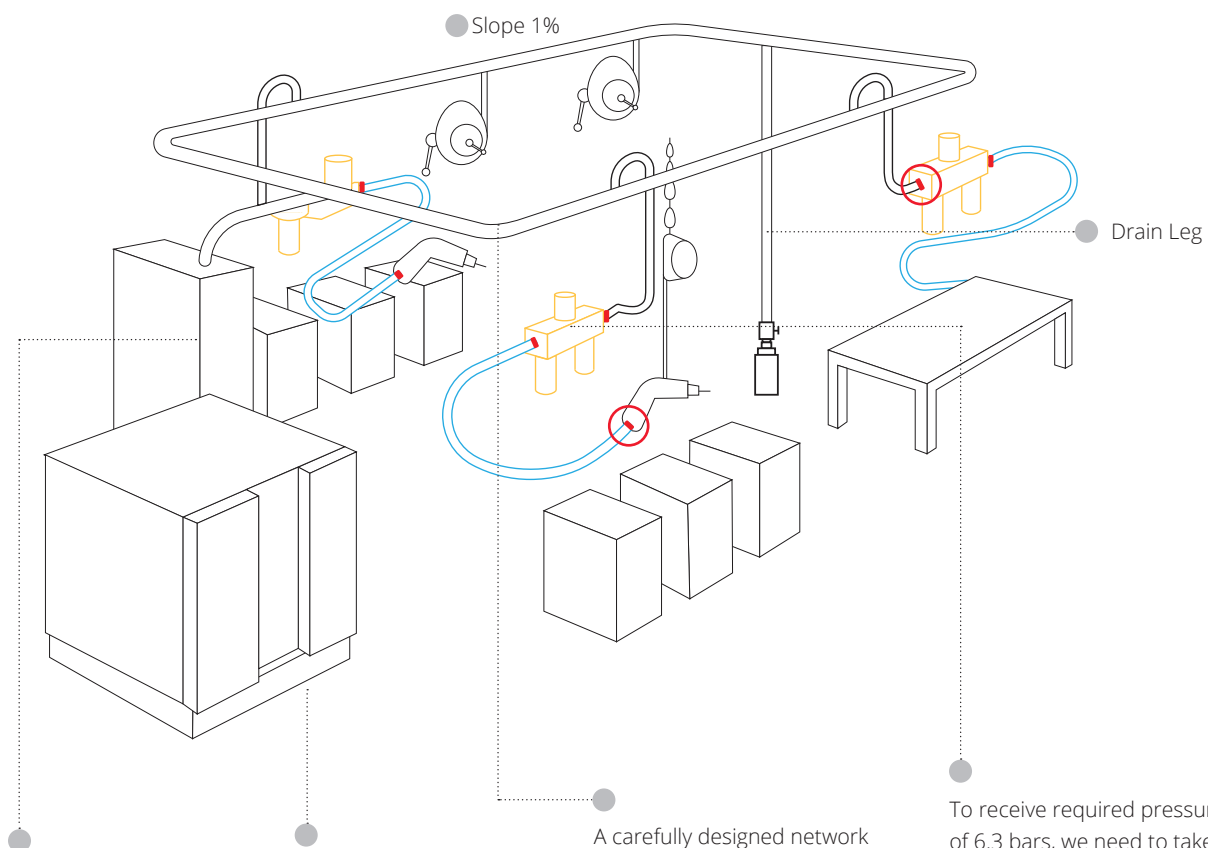
They ensure minimal pressure drop and thus minimum energy losses in the air distribution system, benefiting the environment and cutting your operating costs.

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.

A Couplings and nipples

B FRL

C Hoses

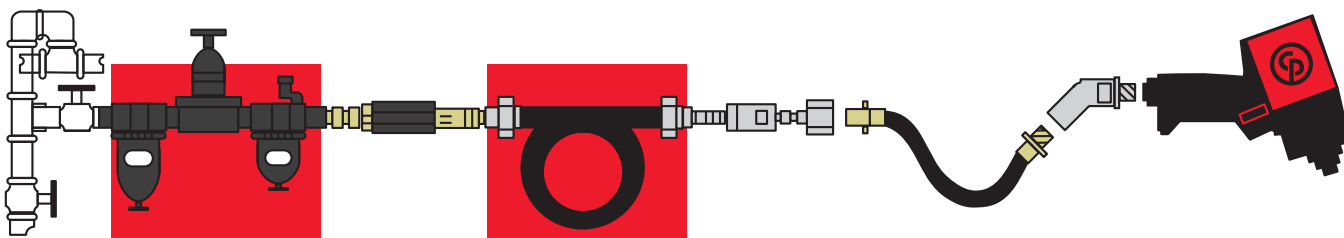


Air dryers and filters can cause a 0.2 - 0.3 bar pressure drop. However, for many applications these may be essential.

Compressors are able to deliver 6.3 bars of dynamic pressure that is needed for pneumatic tools to perform at stated catalogue values.

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 required pressure of 6.3 bars, we need to take in consideration pressure drop caused by airline and accessories. High quality industrial airline accessories will cause less pressure drop.



must have

FRL

To set up a proper air flow and pressure



(B)

FRL stands for:

- Filter (clean compressed air)
- Regulator (ensures consistency of dynamic pressure)
- Lubricator (adds controlled quantities of oil to reduce friction and improve tool life)

More info: <http://qr.cp.com/Choose-right-FRL>

safety

AIR FUSE

For improved safety, to avoid hose whiplash



(C)

Fixing an air fuse between the FRL & the hose will stop air flow in case of hose section, and prevent from potential work place accidents and body damages such as hose whiplash.

must have

HOSE & CLAMPS

To ensure efficiency at the workplace



(C)

Chicago Pneumatic offers a wide range of hoses :

- different diameters (from 6.5 mm to 25 mm)
- different lengths (3, 20 or 25 m)
- 4 types (Effi Max, rubber, PVC, polyurethane).

safety & ergonomics

COUPLING & NIPPLE

To ensure safe and flexible connection between accessories



(A)

4 things to consider when choosing coupling & nipple:

- Tool air inlet thread
- Type of coupling (easy flow, quick release, safety, claw)
- Connection type (male, female, hose connection)
- Profile (Asia, Iso, Euro)

safety & ergonomics

HOSE WHIP

For better ergonomics & to avoid premature hose wear



(C)

Using a hose whip brings 3 advantages:

- Safety: it reduces hose bending, but above all, it protects the operator against hose whiplash effects in case of breaks at coupling/nipple level.
- Durability: It enables longer tools inlet lifespan, and prevents hose wear.
- Ergonomics: In many working environments, the same hose is used for multiple tools: using hosewhips facilitate tools interchanges. In addition, it reduces vibration transmission to the operator and the weight of the hose.

safety & ergonomics

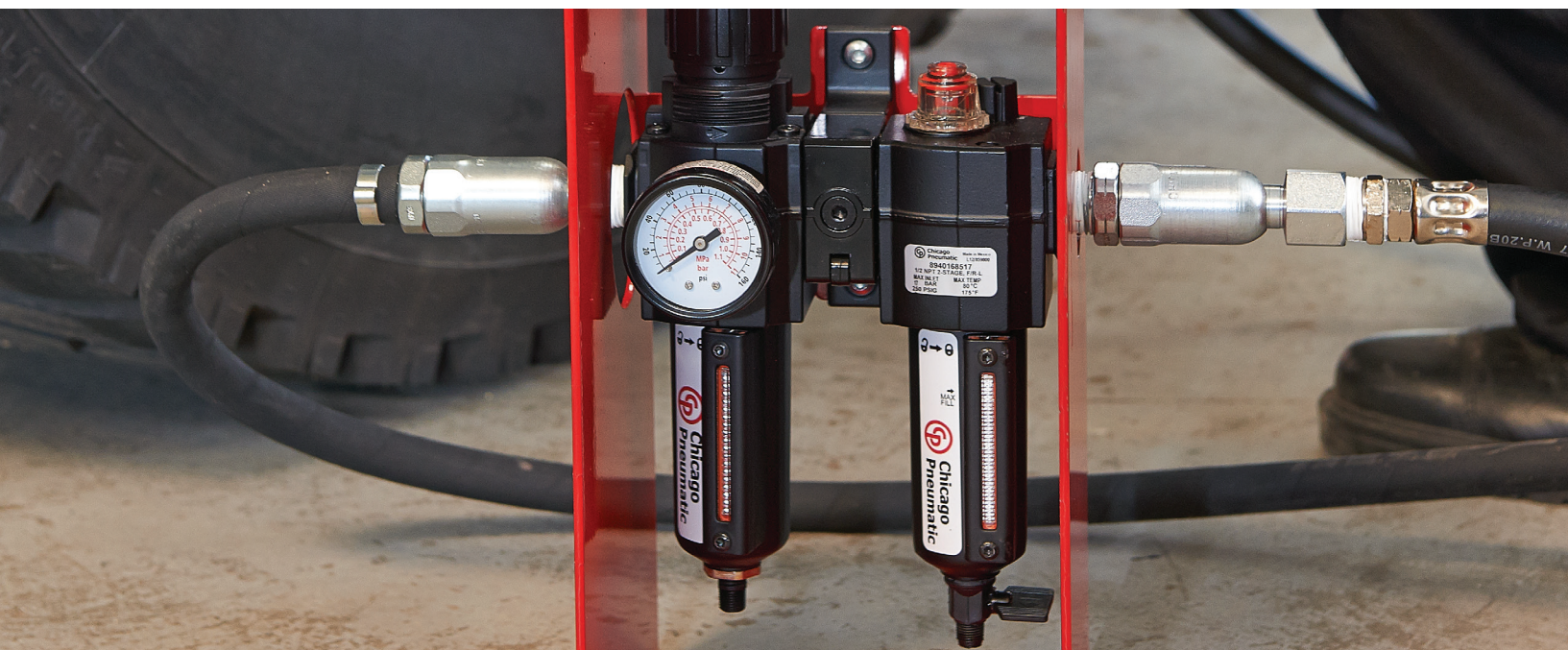
CONNECTING ACCESSORY

i.e.: AIR FLEX
For better ergonomics & to avoid premature hose wear



(A)

Avoid using coupling/ nipple at tool inlet (it creates rigidity and increases risks of whiplash.) We recommend using Chicago Pneumatic Air Flex connector: it ensures flexibility, ergonomics and safety for the operator. It is suitable for all tools, except percussive tools.





Couplings and nipples

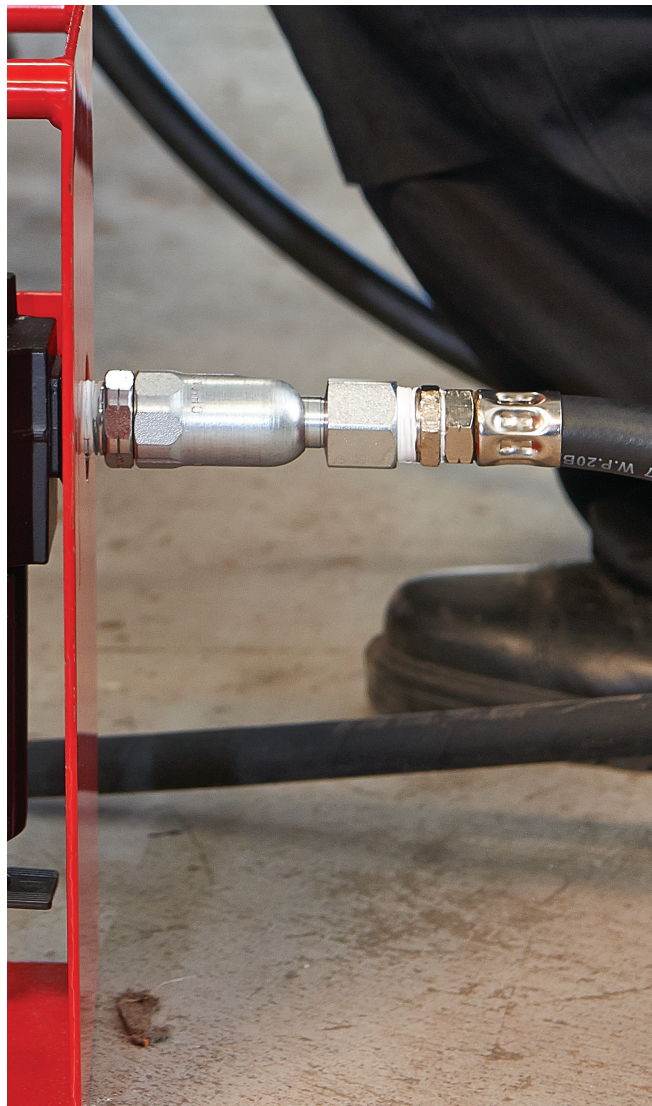
Chicago Pneumatic offers a wider range of couplings to create the best possible solution together with Power Tools.

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.

	AIR FLOW	SAFETY FEATURE	ROUGH ENVIRONMENT	DURABILITY	ERGONOMICS
EF	+++	++	++	++	+++
Safety	++	+++	+	+	+
Quick Release	++	-	+	++	+++
Claw	+++	-	+++	+++	-

CP FITTINGS ADAPTABILITY

NIPPLE		ISO6105B 6mm	EURO 7,6mm	EURO 10,4mm
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	x		
	ESC 07		x	
LEGRIS	14-22	x		
	25 (KA, KB, KD, KE, KL, KS)		x	
NITTO	Hi CUPLA200			x



QUICK RELEASE COUPLINGS - EURO SERIES: EUROPE

EURO 7.6mm / Max air flow capacity 34 l/s (Delta 0.5 bar). Economical air flow 19 l/s (Delta 0.2 bar).



MALE THREAD	ORDERING NUMBER
1/4	615 811 0720
3/8	615 811 0730
1/2	615 811 0740



FEMALE THREAD	ORDERING NUMBER
1/4	615 811 0750
3/8	615 811 0760
1/2	615 811 0770



HOSE CONNECTION	ORDERING NUM.
6	615 811 0780
8	615 811 0790
10	615 811 0800
13	615 811 0810

EURO 10.4mm / Max air flow capacity 57 l/s (Delta 0.5 bar). Economical air flow 37 l/s (Delta 0.2 bar).



MALE THREAD	ORDERING NUMBER
3/8	615 811 0820
1/2	615 811 0830
3/4	615 811 0840



FEMALE THREAD	ORDERING NUMBER
3/8	615 811 0850
1/2	615 811 0860
3/4	615 811 0870



HOSE CONNECTION	ORDERING NUM.
10	615 811 0880
13	615 811 0890
16	615 811 0900
19	615 811 0910

EASY FLOW COUPLING - EURO SERIES: EUROPE

EURO 7.6mm / Max air flow capacity 37.5 l/s (Delta 0.5 bar). Economical air flow 25 l/s (Delta 0.2 bar).



MALE THREAD	ORDERING NUMBER
1/4	615 810 5140
3/8	615 810 5150
1/2	615 810 5160



FEMALE THREAD	ORDERING NUMBER
1/4	615 810 5170
3/8	615 810 5180
1/2	615 810 5190



HOSE CONNECTION	ORDERING NUM.
6	615 810 5500
8	615 810 5530
10	615 810 5540
13	615 810 5550

EURO 10.4mm / Max air flow capacity 72 l/s (Delta 0.5 bar). Economical air flow 48 l/s (Delta 0.2 bar).



MALE THREAD	ORDERING NUMBER
3/8	615 810 6390
1/2	615 810 6400
3/4	615 810 6410



FEMALE THREAD	ORDERING NUMBER
3/8	615 810 6420
1/2	615 810 6430
3/4	615 810 6440



HOSE CONNECTION	ORDERING NUM.
10	615 810 6510
13	615 810 6520
16	615 810 6530

NIPPLES EURO

EURO 7.6mm / Max air flow capacity 37.5 l/s (Delta 0.5 bar). Economical air flow 25 l/s (Delta 0.2 bar).



MALE THREAD	ORDERING NUMBER
1/4	615 810 5880
3/8	615 810 5890
1/2	615 810 5900



FEMALE THREAD	ORDERING NUMBER
1/4	615 810 5910
3/8	615 810 5920
1/2	615 810 5930



HOSE CONNECTION	ORDERING NUM.
6	615 810 6220
8	615 810 6250
10	615 810 6260
13	615 810 6270

EURO 10.4mm / Max air flow capacity 72 l/s (Delta 0.5 bar). Economical air flow 48 l/s (Delta 0.2 bar).



MALE THREAD	ORDERING NUMBER
3/8	615 810 6650
1/2	615 810 6660
3/4	615 810 6670



FEMALE THREAD	ORDERING NUMBER
3/8	615 810 6710
1/2	615 810 6720
3/4	615 810 6730



HOSE CONNECTION	ORDERING NUM.
10	615 810 6770
13	615 810 6780
16	615 810 6790
19	615 810 6800

AIR FLEX



MODEL	ORDERING NUM.
1/4	8940172158
3/8	8940171570
1/2	8940171566

Avoid using coupling/ nipple at tool inlet (it creates rigidity and increases risks of whiplash. We recommend using Chicago Pneumatic Air Flex connector: it ensures flexibility, ergonomics and safety for the operator. It is suitable for all tools, except percussive tools.

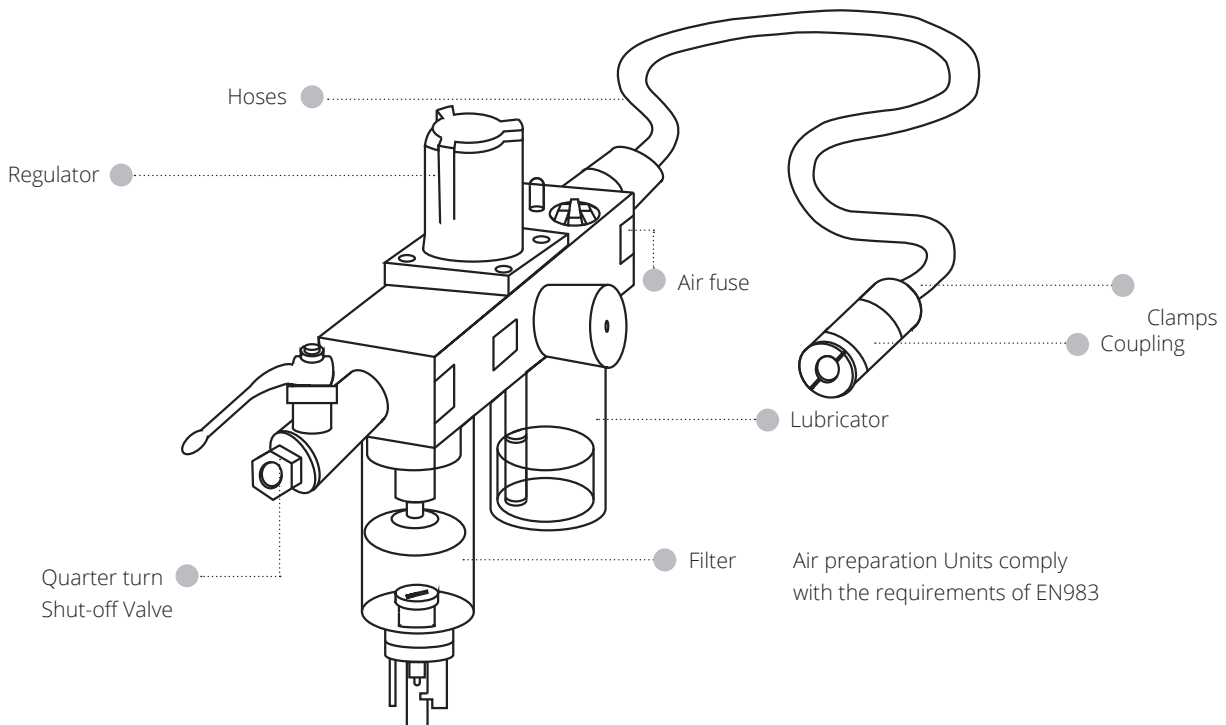


FRL

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 pressure at tool	Air consumption
A6 bar	100 %
7 bar	110 %
8 bar	125 %

Different types of FRL	Port size in.	Air flows at 6 bars l/s
Small units	1/4 3/8	Up to 9 Up to 14
Medium units	1/2	Up to 37
Big units	3/4	Up to 83

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

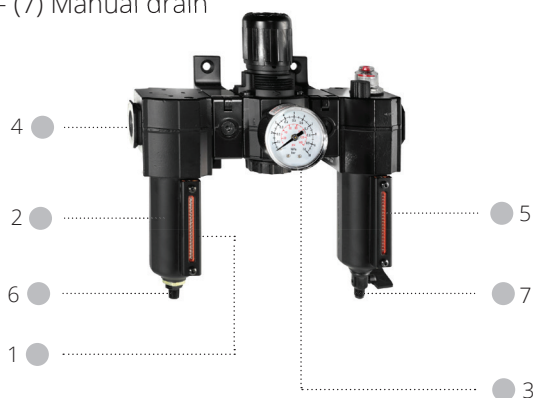
The regulator ensures that the pre-set working pressure remains constant - regardless of pressure variations in the intake air and minor variations in the airflow rate. For example, a pressure of 1 bar higher than necessary results in a 16% increase in air consumption. Spring controlled regulators are quick acting and therefore should be used for all types of air tools.



FEATURES AND BENEFITS

High air flow capacity: up to 220cfm (140 l/s) to cover most of the pneumatic tools 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 rading
- (2) Filter with 5µm element pre-installed to optimize the air cleaning and with automatic drain valve.
- (3) Supplied with metal pressure gauge 0-10bar (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/roll ratio
- (6) Automatic drain valve
- (7) Manual drain



ATRIBUTES	METALLIC FRL	COMPOSITE FRL
Max air flow	50 l/s	44 l/s
Max pressure	17 bar	15 bar
Oil capacity	201 ml	125 ml
Max size	Up to 3/4"	Up to 1/2 "
Filter element	5µm	5µm
Level indicators		
Drain valve water	Automatic	Semi automatic
Drain valve oil	Manual	
Bowls material	Metallic	Polycarbonate
Frame for outdoor use	2 Stage	All
Structures possible	2 Stage - 3 Stage	2 Stage
Main applications	Foundries, shipyards, oil&gas, heavy machinery	Vehicle service, Small industry



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.

COMPOSITE FRLs



DESCRIPTION	Size (BSP)	Ordering number
Composite FRL	1/4"	8940171927
Composite FRL	3/8"	8940171928
Composite FRL	1/2"	8940171929

FRL PORTABLE STAND



FRL PORTABLE STAND	ORDERING NUMBER
FRL Portable Stand for 1/2" Metric metallic FRL	6158120450

METALLIC FRLs



FILTER-REGULATOR LUBRICATOR WITH PRESSURE GAUGE (0-150PSI - 0-10 BAR)	THREAD	MAX. AIR FLOW l/s	MAX PRESSURE Inlet (psi/bar)	OIL CAPACITY ml	ORDERING NUMBER
Metallic 2 Stage	1/4	11	150/10	100	8940168478
Metallic 3 Stage	1/4	11	150/10	100	8940168479
Metallic 2 Stage	1/2	50	246/17	201	8940168480
Metallic 3 Stage	1/2	50	246/17	201	8940168481
Metallic 2 Stage	3/4	100	246/17	201	8940168483
Metallic 3 Stage	3/4	100	246/17	201	8940168484

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



FILTER UNIT	THREAD	ORDERING NUMBER
1 Stage	1/4	8940169090
1 Stage	1/2	8940169098
1 Stage	3/4	8940169106



REGULATOR UNIT	THREAD	ORDERING NUMBER
1 Stage	1/4	8940169092
1 Stage	1/2	8940169100
1 Stage	3/4	8940169108



LUBRICATOR UNIT	THREAD	ORDERING NUMBER
1 Stage	1/4	8940169094
1 Stage	1/2	8940169102
1 Stage	3/4	8940169110



FILTER REGULATOR	THREAD	ORDERING NUMBER
1 Stage	1/4	8940169096
1 Stage	1/2	8940169104
1 Stage	3/4	8940169112

OIL



DESCRIPTION	ORDERING NUMBER
Oil for cleaning motor parts (0.12L)	CA149661
Oil for cleaning motor parts (0.59L)	CA000046
Oil Airoilene 3.8L	P089507



DESCRIPTION	ORDERING NUMBER
OILER 1/4 "	2050524123
OILER 3/8"	2050524293

IN-LINE OILERS



CAPACITY	THREAD	MAXIMUM WORKING PRESSURE	ORDERING NUMBER
30 ml	1/4	34, 0 bar (500psi)	6158120480



CAPACITY	THREAD	MAXIMUM WORKING PRESSURE	ORDERING NUMBER
110 ml	3/4	18, 0 bar (260psi)	6158120500



CAPACITY	THREAD	MAXIMUM WORKING PRESSURE	ORDERING NUMBER
40 ml	1/2	34, 0 bar (500psi)	6158120490



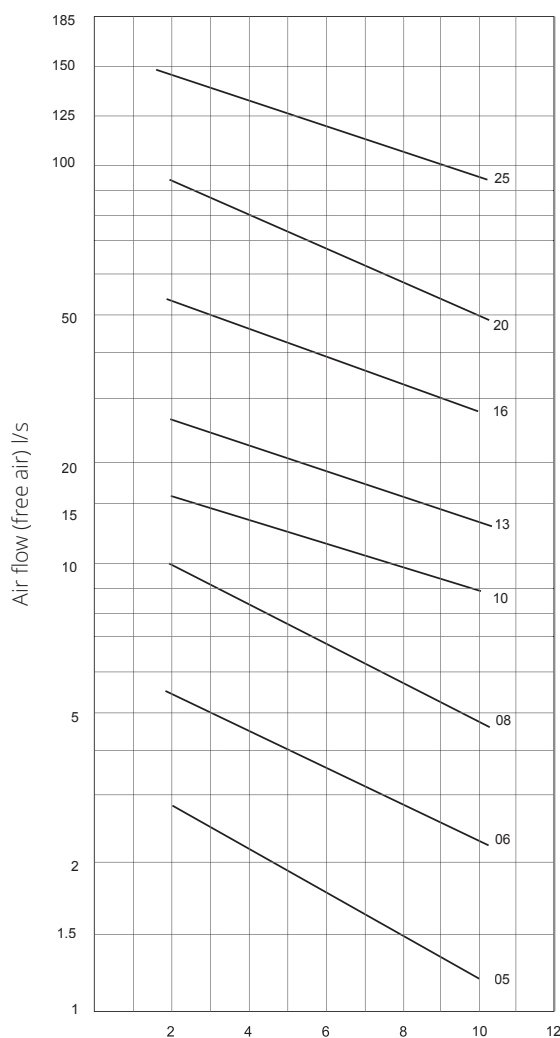
Hoses

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.

Pressure drop diagram for straight hoses

This diagram helps you to choose the right hose according to the air consumption of the tool and the length of the hose. The purpose of the diagram is to ensure that the pressure drop in the hoses does not exceed 0.2 bar.

Internal hose diameter (mm)



Intel pressure 7 bar
Pressure drop 0.2 bar
Two hose nipples included

Hose length (m)

How to read a diagram:

Look up the tools required air consumption at 6 bar. Use this value in the diagram. What length of hose do you need? Look at the diagram to see which hose size you need

Example:

The tool has an air consumption of 10 l/s and the application requires a hose length of 7 m. These two values have a cross point slightly under the 10 mm size hose (7m of 10 mm hose gives a value of approximately 11 l/s)

Therefore a 10 mm hose will be suitable.



Attribute	Unit	Technical Data					
		Normal Value					
Internal Diameter	mm	6.3 ± 0.5	10.0 ± 0.5	12.5 ± 0.5	16.0 ± 0.5	19.0 ± 0.6	25.0 ± 0.8
Wall thickness	mm	2.5 ± 0.5	3.0 ± 0.5	3.3 ± 0.5	3.5 ± 0.5	3.8 ± 0.5	4.5 ± 0.5
Working pressure [at RT]	bar	64					
Min. Burst pressure [at RT]	bar	16					
Temperature min	°C	-20					
max	°C	+80					
Min. bending radius	mm	63	100	125	160	190	250
Tube	EPDM / SBR black						
Cover	EPDM / SBR black						
Reinforcement	Textile						

RUBBER HOSES

Ideal for the most demanding tasks in construction, mining, shipyards, foundries etc.



DIMENSIONS (IDXOD) mm	LENGHT m	MAX WORKING PRESSURE bar	AIR FLOW l/s	WEIGHT PER 30M kg	ORDERING NUMBER
10X16	20	16	13	3.6	6158108640
12.5X19.1	20	16	21	4.7	6158108650
16X23	20	16	43	6.1	6158108660
19X26.6	20	16	75	7.8	6158108680
25X34	20	16	125	11.8	6158108700

- Material type of rubber = rubber EPDM / SBR black
- Chemical resistance = resistance of EPDM / CAS Number 25038-36-2
- Air flow consumption by hose length (5meters)

EFFI MAX Hoses



Ideal for generic grinding applications

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

DIMENSIONS (IDXOD) mm	LENGHT m	MAX WORKING PRESSURE bar	AIR FLOW l/s	WEIGHT PER 30M kg	ORDERING NUMBER
16x22.5	3	16	43	0.5	6158132080
10x13	20	16	30	2.9	8940169921
13x18.6	20	16	47	3.9	6158109000
16x22.5	20	16	96	4.8	6158109010

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

POLYURETHANE HOSES



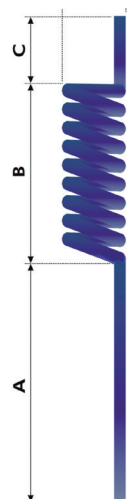
Ideal for heavy duty applications for indoor and outdoor use

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

DIMENSIONS (IDxOD) mm	LENGTH m	MAX WORKING PRESSURE bar	AIR FLOW l/s	WEIGHT PER 30M kg	ORDERING NUMBER
6.5X10	25	20	4.0	1.3	6158046230
8X12	25	20	7.5	2.2	6158046240
10X14	25	16	13.0	2.5	6158046250
13X18	25	13	44.5	4.0	6158046260

POLYURETHANE SPIRAL HOSE

Spiral hose are ideal for tools used varying distances. Vertically or horizontally. Together with a balancer and spiral hose configuration, it is a step forward in ergonomics. Equipped with a swivel fitting (except the 11x16), they can be easily connected directly to the tool without hose twist.



- Self retractable
- Light and flexible
- Strong and durable

DIMENSIONS (IDxOD) mm	MALE THREADS in	WORKING LENGTH m	A	B	C	ORDERING NUMBER
5x8	1/4	2	500	160	150	6158046310
5x8	1/4	4	500	320	150	6158046320
5x8	1/4	6	500	470	150	6158046330
5x8	1/4	8	500	620	150	6158046340
6.5x10	1/4	2	500	140	150	6158046350
6.5x10	1/4	4	500	330	150	6158046360
6.5x10	1/4	6	500	510	150	6158046370
6.5x10	1/4	8	500	700	150	6158046380
8x12	3/8	2	500	130	150	6158046390
8x12	3/8	4	500	300	150	6158046400
8x12	3/8	6	500	460	150	6158046410
8x12	3/8	8	500	630	150	6158046420
11x6	3/8	2	500	120	150	6158046430
11x6	3/8	4	500	270	150	6158046440
11x6	3/8	6	500	420	150	6158046450
11x6	3/8	8	500	570	150	6158046460

EFFI MAX WHIPS



HOSE DIAM. mm	THREAD SIZE in	HOSE LENGTH m	ORDERING NUMBER
10	1/4	0.6	6158111920
13	1/2	0.6	6158111930
13	3/8	0.6	6158112640
16	1/2	0.6	6158112650

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

Using a hose whip brings 3 advantages:

Safety: it protects the operator against whiplash effects in case of breaks at coupling level

Durability: enables longer tools inlet lifespan and prevent from hose wear

Ergonomics: facilitate tools switch with a quick connection

Ergonomics

AIR FUSES

When a fitting comes loose or detached from a pressurized

hose or the hose is damaged, the line pressure may cause hose whip. This dangerous situation can easily cause injury, and damage. Fuses are used to reduce the likelihood of potentially dangerous hose whip.

Air Fuses are designed to quickly shut off the supply air and reset automatically when the back pressure in the line downstream is restored.

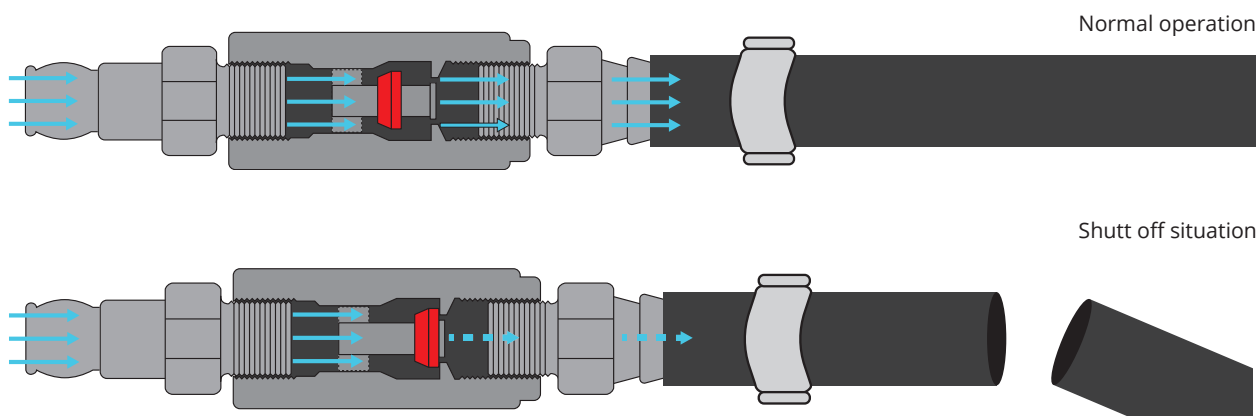
Air Fuses help to meet OSHA requirement 1926.302 (USA) and may eliminate the need for restraining or shielding hose, **as required by European Standard EN983**



MATERIALS	
BODY	ANODISED ALUMINIUM
INTERNAL PARTS SPRING	BRASS STAINLESS STEEL

- Reduces risk of hose whip, helping to protect personnel
- Simple and reliable design
- High expectancy
- Aluminium anodised body for high corrosion resistance
- Auto-Reset to restart downstream activity with the minimum downtime

When a hose breaks or connections fail, the piston inside the Air Fuse automatically stops the airflow (see schema below):



PORT SIZE	PRESSURE DROP AT SHUT OFF FLOW bar	SHUT OFF FLOW RATE AT 7 BAR l/s	TOOL MAXIMUM AIR FLOW l/s	FOR FLOW RATES in	ORDERING NUMBER
1/4"	0.14	7.8	5.0	Low	615 811 2420
1/4"	0.30	13.0	10.0	High	615 811 2460
3/8"	0.14	18.0	10.0	Low	110422
3/8"	0.30	32.0	25.0	High	110432
1/2"	0.30	45.0	35.0	High	110442
3/4"	0.30	75.0	60.0	High	615 811 2430
1"	0.30	86.0	70.0	High	615 811 2440

BLOW GUNS



MODEL	ORDERING NUMBER
BLOW GUN STANDARD	6158112690
BLOW GUN STANDARD SILENCER	6158112700
BLOW GUN EXTENDED NOZZLE	6158112710
BLOW GUN EXTENDED NOZZLE SILENCER	6158112720

GLOVES



MODEL	ORDERING NUMBER
GLOVE-MEDIUM	8940171574
GLOVE-LARGE	8940158618
GLOVE-X-LARGE	8940158619
GLOVE-XX-LARGE	8940171573

BALL VALVE



MODEL	ORDERING NUMBER
BALL VALVE F/F 1/4 BSP	6158109410
BALL VALVE F/F 3/8 BSP	6158109420
BALL VALVE F/F 1/2 BSP	6158109430
BALL VALVE F/F 3/4 BSP	6158109440
BALL VALVE F/F 1 BSP	6158109450
BALL VALVE F/F 1 1/4 BSP	6158109460
BALL VALVE F/F 1 1/2 BSP	6158109470
BALL VALVE F/F 2 BSP	6158109480

SWIVEL



MODEL	ORDERING NUMBER
SWIVEL AIR INLET 1/4 ALUM (922A)	8940158412

MAGNETIC TOOL HOLDER



MODEL	ORDERING NUMBER
CP9841 MAGNETIC TOOL HOLDER	8940166664

PROTECTIVE COVERS



MODEL	ORDERING NUMBER
PROTECTIVE COVER CP7731, CP7732	8940172290
PROTECTIVE COVER CP7732C	8940174064
PROTECTIVE COVER CP7736	8940171700
PROTECTIVE COVER CP7748	8940172171
PROTECTIVE COVER CP7749	8940173269
PROTECTIVE COVER CP7763	8940167498
PROTECTIVE COVER CP7763D/CP7773D	8940173710
PROTECTIVE COVER CP7729, CP7739	8940168830

MODEL	ORDERING NUMBER
PROTECTIVE COVER CP772H	CA124745
PROTECTIVE COVER CP734H	CA129405
PROTECTIVE COVER CP828	CA133961
PROTECTIVE COVER CP724 & CP726	CA146522
PROTECTIVE COVER CP7830Q	CA147993
PROTECTIVE COVER CP826	CA154993
PROTECTIVE COVER CP749	CA155537



3 SOCKETS

The main difference is wall thickness but it is very easy to differentiate between the two by just looking at them: impact sockets are matt while most of the standard sockets are glossy.

You can learn more in the table below:

	Impact Sockets	Regular Sockets (also called non-impact / normal / standard)
Finish	Matt and black (due to a black oxide coating, also known as 'industrial surface finish')	Chromed and glossy
Composition	Molybdenum chromium steel	Chrome vanadium steel
Main characteristics	Thick walls	Thin walls
Tool Fitting	Designed with a cross hole in the handle end, compatible with a retaining pin and ring, or locking pin anvil	No cross hole in the handle end
Tools recommended usage	Powered tools (impact wrenches, nutrunners...)	Hand tools only

Two reasons why you SHOULD only use impact sockets

1.Ensure safety:

Contrary to regular sockets, impact sockets are designed to support and absorb the momentary shock of each impact, therefore preventing cracks or breaks, and prolonging the life of the socket. If a regular socket is used on powered tools, the possibility of ruptures is very high. This could result in a serious safety risk for everyone in the same work space as any cracks in the socket can make it explode at any time, causing severe injuries to any operator.

2. Achieve optimal efficiency:

Impact sockets provide a perfect fit to powered tools, and therefore will avoid unusual deformation or damages to the tool's square drive. CP Impact Sockets are warranted against defects in materials and workmanship for the life of the product. This warranty does not apply to sockets that have been misused, abused, altered in any way, or worn out from use. This lifetime warranty is valid for the life of the socket based upon the following conditions:

- Any misused, abused, altered or worn from normal wear and tear will void all warranties.
- Sets: warranty on sets applies to the individual parts within the set. If one part is deemed defective only that part will be replaced and not the complete set.
- Not included in lifetime warranty: plastics cases of socket sets, wheel protector sockets, adapters, extensions and O-Ring.
- All Defective products sent in for replacement must include a copy of the original invoice/receipt.

SOCKETS SETS 1/4"



SS2114 1/4"
14PCS MET IMP SET

8940164436

14 piece set contents:
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11,
12, 13, 14 & 15 mm



SS2114D 1/4"
14PCS MET DEEP IMP SET

8940164437

14 piece set contents:
4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11,
12, 13, 14 & 15 mm



SS2112U 1/4"
12PCS MET UNIV IMP SET

8940164438

12 piece set contents:
5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13,
14 & 15 mm"

SOCKETS SETS 3/8"



SS3113 3/8"
13PCS MET IMP SET

8940164446

14 piece set contents:
7, 8, 9, 10, 11, 12, 13, 14
15, 16, 17, 18 & 19mm



SS3113 3/8"
13PCS MET DEEP IMP SET

8940164447

14 piece set contents:
7, 8, 9, 10, 11, 12, 13, 14
15, 16, 17, 18 & 19 mm

SOCKETS SETS 1/2"



SS4114 1/2"
14PCS MET IMP SET

8940164458

14 piece set contents:
10, 11, 12, 13, 14, 15, 16, 17,
18, 19, 21, 22, 26 & 27 mm



SS4114D 1/2"
14PCS MET DEEP IMP SET

8940164459

14 piece set contents:
10, 11, 12, 13, 14, 15, 16,
17, 18, 19, 21, 22, 26 & 27 mm



SOCKETS SETS 1/2"



SS413WP 1/2"
3PC MET WHEEL PROT IMP ST

8940164464

3 piece set contents:
17, 19 & 21 mm
Only for ALL wheels



SS414WP 1/2"
4PC MET WHEEL PROT ST

8940168375

4 piece set contents:
17, 19, 21 & 22 mm
Only for ALL wheels



SS413TW
THIN WALL WHEEL -
SET METRIC (mm)"

8940166760

3 piece set contents:
17, 19 & 21 mm
Not for impact wrench



TORQUE LIMITED EXTENSION SET

8940168376

5 piece set contents: 100, 110, 120, 135 & 150 Nm

SINGLE SOCKETS STANDARD 1/2"



1/2"
STD IMPACT
SOCKET

MM	ORDERING NUM.
10	8940163952
12	8940163954
13	8940163955
14	8940163956
15	8940163957
17	8940163959
18	8940163960
19	8940163961
21	8940163963
22	8940163964
24	8940163966
27	8940163969
30	8940163972
32	8940163974

SINGLE SOCKETS DEEP 1/2"



1/2" DEEP IMPACT SOCKET

MM	ORDERING NUM.
8	8940163998
12	8940164002
13	8940164003
14	8940164004
15	8940164005
16	8940164006
17	8940164007
18	8940164008
19	8940164009
20	8940167722
21	8940164010
22	8940167723
23	8940167724
24	8940167725

MM	ORDERING NUM.
25	8940167726
26	8940164011
27	8940164012
28	8940164013
29	8940164014
30	8940164015
32	8940164017
33	8940164018
36	8940164021

SOCKETS SETS 3/4"



SS618 3/4" 8PCS MET IMP SET
8940164472

8 piece set contents: 26, 27, 29, 30, 32, 35, 36 & 38 mm



SS618D 3/4" 8PCS MET DEEP IMP SET
8940164473

8 piece set contents: 26, 27, 29, 30, 32, 35, 36 & 38 mm

SINGLE SOCKETS STANDARD



MM	ORDERING NUM.
19	8940164180
22	8940164183
24	8940164185
27	8940164188
30	8940164191
32	8940164193
33	8940164194
35	8940164196
36	8940164197
40	8940164200
41	8940164201
42	8940164202
46	8940164205



MM	ORDERING NUM.
19	8940164248
21	8940164250
22	8940164251
24	8940164253
27	8940164256
30	8940164259
32	8940164261
33	8940164262
34	8940164263
35	8940164264
36	8940164265
38	8940164267
41	8940164269

MM	ORDERING NUM.
42	8940164270
44	8940164272
46	8940164273

SOCKETS SETS 1"



SS818 1" 8PCS MET IMP SET
8940164476

8 piece set contents:
27, 30, 32, 33, 35, 36, 38 & 41 mm



SS818D 1" 8PCS MET DEEP IMP SET
8940164477

8 piece set contents:
27, 30, 32, 33, 35, 36, 38 & 41 mm



SS814D 1" 4PCS MET IMP SET
8940166016

4 piece set contents:
27, 32, 33 & 36 mm

SINGLE SOCKETS STANDARD 1"



**M 1" STD
IMPACT SOCKET**

MM	ORDERING NUM.
24	8940164327
27	8940164330
30	8940164333
32	8940164334
33	8940164335
36	8940164337
38	8940164338
41	8940164340
43	8940164342
44	8940164343
46	8940164345
55	8940164349
56	8940164350
58	8940164351
60	8940164352
65	8940164353
70	8940164354

SINGLE SOCKETS DEEP 1"



**MD 1" DEEP
IMPACT SOCKET**

MM	ORDERING NUM.
24	8940164407
27	8940164410
30	8940164413
32	8940164414
33	8940164415
34	8940164416
35	8940164417
36	8940164418
38	8940164419
41	8940164421
43	8940164423
44	8940164424
45	8940164425
46	8940164426
50	8940164427
52	8940164428
54	8940164429
25	8940164430
26	8940164431
27	8940164432
28	8940164433
29	8940164434

1 1/2" SINGLE SOCKET STANDARD



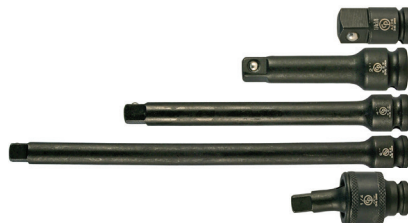
**M 1-1/2" STD
IMPACT SOCKET**

MM	ORDERING NUM.
41	8940169348
46	8940169349
50	8940169350
55	8940169351
60	8940169352
65	8940169353
70	8940169354
75	8940169355
80	8940169356
85	8940169357
90	8940169358
MD 80	8940169359



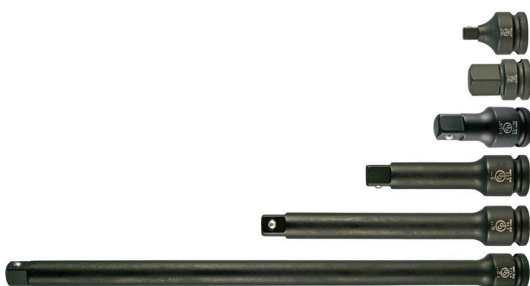
ADAPTORS

ADAPTORS FOR 1/4"



ADAPTOR	ORDERING NUM.
A206 1/4 DR X 3/8" MALE ADAPTOR	8940165978
E22 1/4" DR. X 2" Impact extension bar	8940165979
E24 1/4" DR. X 4" Impact extension bar	8940165980
E26 1/4" DR. X 6" Impact extension bar	8940165981
J2U 1/4" DR Universal Joint	8940165982

ADAPTORS FOR 3/8"



ADAPTOR	ORDERING NUM.
A304 3/8 DR X 1/4" MALE ADAPTOR	8940165983
A308 3/8 DR X 1/2" MALE ADAPTOR	8940165984
E31-34 3/8" DR. 1-3/8" Impact extension bar	8940165985
E33 3/8 DR 3" EXTENSION BAR	8940165986
E36 3/8 DR 6" EXTENSION BAR	8940165987
E312 3/8" DR. 1/2" Impact extension bar	8940165988

ADAPTORS FOR 1/2"

ADAPTOR	ORDERING NUM.
A406 1/2 DR X 3/8" MALE ADAPTER	8940165992
A4012 1/2 DR X 3/4" MALE ADAPTER	8940165993
E43 1/2 DR 3" EXTENSION BAR	8940165994
E45 1/2 5" EXTENSION BAR	8940165995
E47 1/2 DR 7" EXTENSION BAR	8940165996
E410 1/2 DR 10" EXTENSION BAR	8940165997
J4U 1/2 DR UNIVERSAL JOINT	8940165998

ADAPTORS FOR 3/4"

ADAPTOR	ORDERING NUM.
A608 3/4 DR X 1/2" MALE ADAPTER	8940166001
A616 3/4 DR X 1" MALE ADAPTER	8940166002
E63 3/4 DR 3" EXTENSION BAR	8940166004
E67 3/4 DR 7" EXTENSION BAR	8940166005
E610 3/4 DR 10" EXTENSION BAR	8940166006
E613 3/4 DR 13" EXTENSION BAR	8940166007
J6U 3/4 DR UNIVERSAL JOINT w/Pin hole	8940166008

ADAPTORS FOR 1"

ADAPTOR	ORDERING NUM.
A812 1" DR X 3/4" MALE ADAPTER	8940166009
E83 1" DR 3" EXTENSION BAR	8940166011
E87 1" DR 7" EXTENSION BAR	8940166012
E810 1" DR 10" EXTENSION BAR	8940166013
E813 1" DR 13" EXTENSION BAR	8940166014



4

Balancers



BALANCERS - CP9911 TO CP 9950

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/or repetitive tasks.

Spring retractor

- Cylindrical shape
- Automatic load retraction
- Working area remains free
- Cable made of stainless steel
- Aluminium housing
- 1,600 to 2,500 mm cable stroke

LIGHT DUTY BALANCERS



MODEL	LOAD RANGE kg	STROKE mm	NET WEIGHT kg	ORDERING NUMBER
CP9911	0.4-1	1.600	0.6	8941099110
CP9912	1-2	1.600	0.6	8941099120
CP9913	2-3	1.600	0.7	8941099130

MEDIUM DUTY BALANCERS



MODEL	LOAD RANGE kg	STROKE mm	NET WEIGHT kg	ORDERING NUMBER
CP9920	1-2.5	2000	2.0	8941099200
CP9921	2-4	2000	2.0	8941099210
CP9922	4-6	2000	2.3	8941099220
CP9923	6-8	2000	2.5	8941099230

MEDIUM DUTY BALANCERS



MODEL	LOAD RANGE kg	STROKE mm	NET WEIGHT kg	ORDERING NUMBER
CP9936	2-4	2.500	2.9	8941099360
CP9937	4-6	2.500	3.2	8941099370
CP9938	6-8	2.500	3.5	8941099380
CP9939	8-10	2.500	3.7	8941099390
CP9940	10-14	2.500	4.0	8941099400
CP9946	2-4	2.500	3.0	8941099460
CP9947*	4-6	2.500	3.3	8941099470
CP9948*	6-8	2.500	3.6	8941099480
CP9949*	8-10	2.500	3.8	8941099490
CP9950*	10-14	2.500	4.0	8941099500

*Equipped with a stroke locking device

HEAVY DUTY BALANCERS - CP9554 TO CP9971

Reaction free:

- Conical shape
- Constant retracting force
- Holds the selected height
- Cable made of stainless steel
- Aluminium housing
- 2.000 mm cable stroke



MEDIUM DUTY TO HEAVY BALANCERS



MODEL	LOAD RANGE kg	STROKE mm	NET WEIGHT kg	ORDERING NUMBER
CP9954	4-7	2000	5.0	8941099540
CP9955	7-10	2000	5.5	8941099550
CP9956	10-14	2000	5.5	8941099560
CP9957	14-18	2000	6.5	8941099570
CP9958	18-22	2000	6.0	8941099580
CP9959	22-25	2000	6.6	8941099590

HEAVY DUTY BALANCERS



MODEL	LOAD RANGE kg	STROKE mm	NET WEIGHT kg	ORDERING NUMBER
CP9964	25-30	2000	11.5	8941099640
CP9965	30-35	2000	11.8	8941099650
CP9966	35-45	2000	12.4	8941099660
CP9967	45-45	2000	12.5	8941099670
CP9968	55-65	2000	13.6	8941099680
CP9969	65-75	2000	14.5	8941099690

SUPER HEAVY DUTY BALANCERS



MODEL	LOAD RANGE kg	STROKE mm	NET WEIGHT kg	ORDERING NUMBER
CP9970	75-90	2000	17.3	8941099700
CP9971	90-105	2000	18.0	8941099710