

Dotco® · Cleco®

Material Removal Tools

SP-102-EN 0508 3.5M B

COOPER PowerTools



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ISO 9001

Cooper Power Tools Division has attained ISO 9001 Quality System Certification for seven of our facilities. The driving force behind the implementation of the Quality System is the commitment "to provide our customers with the **best value delivered** by offering only products and services **that meet or exceed their expectations**".


DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE
COOPER INDUSTRIES
COOPER TOOLS DIVISION
LEXINGTON OPERATION
ISO 9001:2000
THE DESIGN, MANUFACTURE AND TESTING OF INDUSTRIAL POWER TOOLS

Lexington, South Carolina


DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE
COOPER INDUSTRIES COOPERTOOLS
DAYTON OPERATION
ISO 9001:2000 and AS9100:2004
THE DESIGN, MANUFACTURE AND TESTING OF INDUSTRIAL FASTENER TOOLS AND UNIVERSAL JOINTS

Dayton, Ohio


DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE
COOPERTOOLS
HICKSVILLE OPERATION
ISO 9001:2000
THE DESIGN, MANUFACTURE AND TESTING OF INDUSTRIAL POWER TOOLS AND TORQUE TOOLS.

Hicksville, Ohio


DET NORSKE VERITAS
MANAGEMENT SYSTEM CERTIFICATE
COOPER INDUSTRIES
COOPER TOOLS - SPRINGFIELD OPERATION
ISO 9001:2000
THE DESIGN, MANUFACTURE, AND TESTING OF TUBE EXPANDERS AND CLEANERS

Springfield, Ohio


CERTIFICATE OF APPROVAL
Metronix Meßgeräte und Elektronik GmbH
Kocherstr. 3, 38120 Braunschweig
Germany
DIN EN ISO 9001:2000
Development and production of devices and software for industrial electronics.

Braunschweig, Germany


CERTIFICATE OF APPROVAL
Cooper Power Tools GmbH & Co.
Industriestraße, 73463 Westhausen
Germany
ISO 9001:2000
Development, manufacture, marketing and distribution of pneumatic tools, electric tools, tightening systems, assembly machines, assembly lines and electronic controls.

Westhausen, Germany


CERTIFICATION
COOPER POWER TOOLS SAS
ISO 9001 : 2000

Ozoir-la-Ferrière, France

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Warranty

Cooper warrants products and parts sold by it, insofar as they are of its own manufacture, against defects of material and workmanship, under normal use and service in accordance with its written instructions, recommendations, and ratings for installation, operation, maintenance, and service of products, for a period of **ONE YEAR FROM THE DATE OF INITIAL USE, BUT IN NO EVENT SHALL THE WARRANTY EXCEED 24 MONTHS FROM DATE OF DELIVERY TO DISTRIBUTOR.** Proof of Purchase with shipment date must be furnished by the user to validate the warranty. This warranty applies only to products manufactured by Cooper and specifically excludes products manufactured by others. Products not manufactured by Cooper are warranted only to the extent and in the manner warranted to Cooper by the manufacturer and then only to the extent Cooper is able to enforce such warranty. Cooper's warranty with respect to products manufactured by it is limited to the repair or replacement, as Cooper may elect, of any defective part regarding which the Distributor has given 5 days written notice from the discovery of such defect. Installation and transportation costs are not included. Cooper shall have the option of requiring the return to it of the defective material, transportation prepaid, for inspection. No allowance will be made for repairs without Cooper's approval. **COOPER MAKES NO OTHER WARRANTY OF ANY KIND WHATSOEVER, EXPRESSED OR IMPLIED, AND HEREBY DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

Lubrication Products

CooperTools' products are classified as non-hazardous manufactured items, defined in the OSHA 1910.1200 Hazard Communication Standard as "Articles". These products, under conditions of normal use, do not release or cause exposure to a hazardous chemical.

Under normal conditions of use, lubrication products sold separately for or used within these tools should not cause an exposure hazard. Refer to the Material Safety Data Sheet (M.S.D.S.) for Safety and Disposal Information. M.S.D.S. sheets are available upon request from CooperTools or on our website at ***www.coopertools.com***.

Cooper is also aware of, and complies with, the provisions of section 611 amendments to the Clean Air Act of 1990. No ozone depleting chemicals have been used in the manufacture of our products.

If you resell or distribute these products, you have the responsibility for ensuring that the Material Safety Data Sheets are provided to the purchaser.

Proper lubrication is essential to the economical operation of pneumatic and electric tools. CooperTools products perform better and their life is extended by using the recommended lubricants. All lubricants that are listed in the accessory section of this catalog have undergone extensive testing and are recommended for use with CooperTools products.

Safe Work Practices Symbols

WARNING

The signal word "WARNING" indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury; and, identifies safe work practices in this operating instruction. Observe these notes and proceed with special care in these cases. Pass all safety instructions on to other users. In addition to these instructions, the general local safety and accident prevention rules must be observed.

CAUTION

The signal word "CAUTION" identifies all situations meriting special attention to ensure that guidelines, rules, hints and the correct work procedures are observed; and, to prevent damage to and destruction of the machine and/or parts.

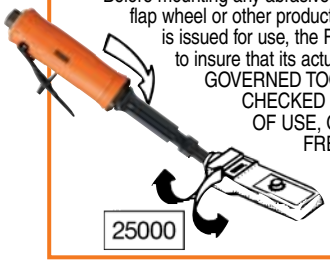
Operational Instructions

- **These CooperTools portable and mountable tools are air powered. ALWAYS USE CAUTION WHEN USING POWER TOOLS FOR PERSONAL SAFETY.**
- ***General Industry Safety & Health Regulations*, part 1910, OSHA 2206, available from Superintendent of Documents; Government Printing Office; Washington, DC 20402**
- ***Safety Code for Portable Air Tools* – ANSI B1861 available from American National Standards Institute, Inc.; 1430 Broadway; New York, NY 10018**
- **State and local regulations.**
- **Use only genuine CooperTools replacements parts.**

It is the user's responsibility to refer and comply with ANSI B7.1

WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must be equal or exceed speed of air tool @ 90 psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

WARNING



Before mounting any abrasive wheel, buffing wheel, wire brush, saw blade, flap wheel or other product, after all tool repairs and whenever a tool is issued for use, the RPM shall be checked with a tachometer to insure that its actual speed does not exceed rated speed. GOVERNED TOOLS IN USE ON THE JOB SHALL BE CHECKED AT LEAST ONCE EVERY TWENTY HOURS OF USE, OR ONCE WEEKLY, WHICHEVER IS MORE FREQUENT. Tachometers must be checked and calibrated on a regular basis according to the manufacturer's recommendations.

WARNING

Tools shall be used for purposes intended in their design. Refer to product catalog.

Modification of the tool, or use of non specified accessories, may result in serious injury.

WARNING



Test and operate tools at 90 PSIG (620 kPa/6.2 bar) maximum pressure (measured at the tool while the tool is running) unless tool is marked otherwise. Use recommended air line filters – regulators – lubricators.

Always remove the air supply hose before working on the tool or changing accessories

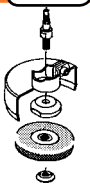
WARNING



Immediately shut off the tool if unusual sound or vibration is detected. Remove and inspect the wheel and check the tool speed (RPM).

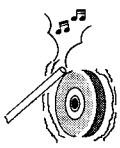
Use of over-speeding grinder or unbalanced wheels may result in serious injury.

WARNING



Each type of wheel, wire brush, saw blade, flap wheel and other product, has specific mounting procedures and regulations concerning spindles, flanges, blotters, collets, etc., which shall be used. Wheels must mount on tool's spindle freely but not loosely. Spindle nuts must be tightened so as not to crack the wheel with too much force. Nuts must have all thread engagement.

WARNING



Regularly inspect all wheels, etc., and discard cracked, chipped or otherwise damaged units. Redress out-of-balance wheels. SEE REGULATIONS.

WARNING



Select proper guards for the application and mount securely and properly. Always mount guards so that abrasive debris, sparks, etc., are deflected away from the operator.

Safety guards shall be in good condition. Any guard which has been subjected to a wheel failure shall be discarded and replaced.

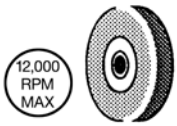
WARNING



Speed rating of abrasive wheel, buffing wheel, wire brush, saw blade, flap wheel, or other products used, must equal or exceed speed rating of tool.

Exceeding the speed of accessories may cause failure of these products and serious operator injury.

Wheels must clearly show the rated speed for its use, or must be discarded and not used.



WARNING



Wear impact resistant goggles or face shield at all times the tool is in operation. Other protective clothing shall be worn, if necessary, for spark protection deflection. SEE REGULATIONS.

WARNING



High sound levels can cause permanent hearing loss. use hearing protection as recommended by your employer or OSHA. See 29CFR Part 1910.

WARNING

Employ a safety program to provide inspection and maintenance of all phases of tool operation and air supply equipment in accordance with "Safety Code for Portable Air Tools," ANSI B186.1.

Make sure that all repairs are by trained personnel only and that these safety instructions are understood by the user.

WARNING



When mounting any grinding wheel, the tool shall be run at operating speed with the safety guard in place, in a protected area such as under a work bench, for at least one minute. A damaged wheel should fail within that time.

Any suspect wheel of unknown origin shall not be used and must be properly disposed.

WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must be equal or exceed speed of air tool @ 90 psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

It is the user's responsibility to refer and comply with ANSI B7.1

Dotco & Cleco...tools that work with operators...not against them.

Performance

Known for their durability, dependability and versatility, the Dotco & Cleco brands are viewed as the premier lines of material removal tools in the industrial marketplace. This is made possible by sound design and manufacturing techniques, producing tools that are small, comfortable and lightweight, yet can withstand tough treatment.

Ergonomics

With any repetitive task, workers can be subjected to discomfort and strain. Dotco & Cleco tools are designed so their form follows their function. Simply, tools that are more comfortable for the operator to use...tools that work with operators and not against them...including elastomer housings, low vibration, and low noise.

Versatility

By using only a few motor types, a diverse line of Dotco products have been developed to handle a wide range of applications. Dotco tools also have a high interchangeability of parts making maintenance easier and more affordable.





Dotco & Cleco Quality

Quality Dotco & Cleco power tools have been manufactured for 50 years. Understandably, we are proud of our tools. Proud that they have become the industry standard.

ISO 9001 Certified

When we say our tools are built well, we really mean it. CooperTools manufacturing processes are ISO 9001 certified...that means the Dotco brand is manufactured to the highest standards.

Oilless Blades

Some operations require clean operating tools. That is why many Dotco tools can be run with oilless blades. Just another way we help you to make the best products possible.

Low noise, low vibration

Noise and vibration of power tools in manufacturing is an important issue. Dotco & Cleco tools have been designed to operate as quietly as possible, while providing substantial power. Vibration has been kept to a minimum by using precision parts and high quality bearings.



Precision parts

It's simple, precision parts let operators manufacture precision products. Whether it is a spindle, a chuck, a motor or an angle head, our parts are manufactured from the finest materials available and are machined to the highest tolerances. It is understandable why we are proud of the .0005" runout on our collet model tools.

Parts interchangeability

Maintenance of tools can be time consuming... and expensive. That is why Dotco products have been designed with high parts interchangeability. With fewer parts required to repair our tools, less inventory of parts is required and tools are easier to repair.



Grinders Introduction

Performance, Versatility & Quality

When it comes to fine finishing applications such as die grinding or de-burring, no tools are better suited for the job than Dotco® grinders. Dotco's reputation for durability, dependability and versatility is among the highest for fine finishing applications. This is the result of years of continuous improvements in engineering design and manufacturing processes.

Dotco grinders are designed with the operator in mind. They are small, lightweight and comfortable to use, without sacrificing durability. Plus, they incorporate elastomer coatings, and perfectly balanced moving parts to keep vibration to a minimum. This optimal combination of tool characteristics allows the operator to focus doing the best job possible, in the least amount of time.

Tough tools for tough jobs

Cleco® and Buckeye® grinders meet the demanding requirements of industries including shipbuilding, pipe fabricating, transportation equipment manufacturing, and welding applications. Since these types of applications typically require a high material removal rate, Cleco and Buckeye grinders incorporate high horsepower/high RPM motors.

To achieve maximum durability, Cleco and Buckeye grinders use top quality precision components, and motor assemblies are protected by either aluminum or steel housings.





⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Grinder Abrasives Guide



Precision Grinders, Carbide Bur and Mounted Wheel Grinders

Used in finishing applications that require a high degree of durability.



Cone and Plug Wheels

Used for general purpose grinding work on mild steel, stainless steel, metal alloys, and cast steel. Applications include:

- Grinding and smoothing fillets, corners
- Beveling workpiece edges prior to welding
- Internal grinding
- Mild bending contours
- General grinding in confined areas



Type 1 Wheels

Used on portable horizontal shaft tools.
Applications Include:

- Notch free grinding
- Smoothing out weld seams
- Removing seam lines from castings
- Pre-weld cleaning
- Grinding concrete or masonry products



Type 1 Cut-Off Wheels

Applications include cutting carbon and stainless steel, ferrous metals, and cast iron



Type 6 & 11 Cup Wheels

Used on right angle or vertical shaft tools.

- Type 6 – Straight Cup Wheels
- Type 11 – Flared Cup Wheels



Type 27/28 Depressed Center Wheels

Type 27 wheels are used at an angle to the workpiece between 30º and 45º.
These wheels do not "flat grind."
Type 28 wheels are saucer shaped wheels, which are contoured to provide a correct "built-in" grinding angle. Consequently, Type 28 wheels may be used for flat contact on the workpiece.



Type 1 Wheel Grinders Page 19

Type 27 Depressed Center Wheel Grinders Page 21

Type 27 Depressed Center Wheel & Cup Wheel Grinders Page 22

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

DOTCO® Cleco®

50,000 – 100,000 RPM
0.06 – 0.2 hp (0.044 – 0.015 kW)

- Variety of configurations to meet all your application needs
- Ideal for precision deburring and metal removal
- Turbine, governed and non-governed models available
- 12-03 right angle gearless model to reduce maintenance and downtime



⚠ WARNING: Maximum extension on 10-95 Series: 1/4" bur is 1-1/2" and 1/8" bur is 3/4"
WARNING: Do not use grinding wheels or non-standard burs: failure to comply may shatter abrasive and cause serious injury.

Grinder Kits

220G-600-C2-K
Kit includes grinder, hose, collet, collet wrench, cylindrical plain burr (413680), cylindrical radius end burr (413681), cone & taper burr (413682), and tree point burr (413683), carrying case.

14G-830
Kit includes grinder, hose, collet, collet wrench, two collet wrenches – 1006626, three grinding wheels – 1005327, 1005338, 1005344, dressing stone – 1004908, hose assembly – 1021393, carrying case – 1021743, filter-lubricator – 1020888


14G-830-KIT

15Z Series Air Marking Pen

- 0.06 hp (0.044 kW) In-line Piston Motor
- Sliding sleeve throttle
- Carbide tipped stylus
- Great for marking materials ranging from aluminum to titanium
- Weighs only 4 oz.


15Z-710

Model Number	Speed	Weight		Length		Diameter	
	spm	lbs.	kgs	in.	mm	in.	mm
15Z-710	20,000	.25	0.1	5.5	140	0.6	15

General Air Inlet: 1/8" NPT – Use 3/16" (4.7mm) I.D. hose
All tools performance rated @ 90psi (620 kPa) air pressure.

Standard Equipment Carbide tipped stylus

Extra Equipment Replacement carbide tipped stylus - 1018081

Air Marking Pen Kit 15Z-720 15Z-710 Air Marking Pen, five (5) foot air hose assembly, 3/16" I.D. with 1/8" NPT fittings, two (2) 1/2" wrenches, carrying case


15Z-720 KIT

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions.

Precision Grinders

COOPER Power Tools

Model Number			Free Speed	Abrasives Capacity	Type Housing	Weight		Length		Collet Size	Air Inlet Size
With Collet Guard	Without Collet Guard	Wrenchless Chuck-✢	rpm			lbs.	kgs	in.	mm		
10-90 Series – 0.06 hp (0.044 kW) – Front Exhaust – Turbine♦ 10L9500-36											
	10R9000-03		100,000	3/16” Carbide Bur, 3/16” Diamond Pin	A	0.5	0.2	5.4	137	3mm	1/8”
	10R9000-03		100,000	3/16” Diamond Pin	A	0.5	0.2	5.4	137	1/8”	1/8”
10-95 Series – 0.1 hp (0.074 kW) – Front Exhaust – Turbine♦											
10L9500-36			80,000	1/4” Carbide Bur, 3/16” Diamond Pin	A	1.9	0.9	5.8	147	1/8”	1/4”
12R91 Series W/O Overhose – 0.1 hp (0.074kw) – Governed – Front Exhaust – Turbine♦											
12R9180-03*			65,000**	1/8” Carbide Bur, 1/8” Diamond Pin	C	0.4	0.2	5.8	147	3mm	1/8”
12R9180-08*			65,000**	1/8” Carbide Bur, 1/8” Diamond Pin	C	0.4	0.2	5.8	147	1/8”	1/8”
12R91 Series with 4ft (1.2m) Overhose – 0.1 hp (0.074kw) – Governed – Front Exhaust – Turbine♦											
12R9180-43*			65,000**	1/8” Carbide Bur, 1/8” Diamond Pin	C	0.4	0.2	5.8	147	3mm	1/8”
12R9180-48*			65,000**	1/8” Carbide Bur, 1/8” Diamond Pin	C	0.4	0.2	5.8	147	1/8”	1/8”
12-03 Series – 0.1 hp (0.074 kW) Gearless Right Angle – Rear Exhaust											
	12R0380-13*		80,000	1/4” Carbide Bur, 1/4” Diamond Pin	C	0.3	0.1	5.5	140	3mm	1/8”
	12R0380-18		80,000	1/4” Carbide Bur, 1/4” Diamond Pin	C	0.3	0.1	5.5	140	1/8”	1/8”
10-04 Series – 0.1 hp (0.074 kW) – Rear Exhaust											
10R0401-13*	10R0400-13*		60,000	1/4” Carbide Bur, 1/4” Diamond Pin	A	0.2	0.1	5.8*	147*	3mm	1/8”
10R0401-18*	10R0400-18	10R0412-18	60,000	1/4” Carbide Bur, 1/4” Diamond Pin	A	0.2	0.1	5.8*	147*	1/8”	1/8”
12-04 Series – 0.1 hp (0.074 kW) – Rear Exhaust											
12R0410-13*	12R0400-13*		60,000	1/4” Carbide Bur, 1/4” Diamond Pin	C	0.3	0.1	5.8	147	3mm	1/8”
12R0410-18*	12R0400-18*		60,000	1/4” Carbide Bur, 1/4” Diamond Pin	C	0.3	0.1	5.8	147	1/8”	1/8”
220G Series – 0.1 hp (.74 kW) – Push-Pull Start – Front Exhaust											
220G-600-C2			60,000	1/4” Carbide Burr	A	4	0.1	4.6	118	1/8”	1/8”
220GL Series – 0.1 hp (.74 kW) – Lever Start – Front Exhaust											
220GL-600-C2			60,000	1/4” Carbide Burr	A	6	0.1	4.6	118	1/8”	1/8”
14G Series – 0.1 hp (0.074 kW) – Front Exhaust											
14G-810			50,000	1/4” Carbide Bur, 1/2” Mounted Wheel	S	0.3	0.1	3.9	99	1/8”	1/8”
18G Series – 0.2 hp (0.015 kW) – Front Exhaust											
18G-810D			40,000	1/4” Carbide Bur, 1/2” Mounted Wheel	S	0.9	0.7	5.9	150	1/4”	1/8”

✢For length of 10R0412 wrenchless chuck models, add 0.4” (10mm)
*Optional overhose lengths available, but not as Rapid Select
**Governor-controlled speed
Housing Guide: A=Aluminum, C=Composite, S=Steel

♦ CAUTION:
Use dry air at 90psi (maximum): Do not lubricate turbine grinders. Lubrication will be detrimental to the operation and life of turbine tools. Do not attach a quick-disconnect fitting directly to the tool.

General:
Minimum Hose Size: 3/16” (4.8mm)
All tools performance rated @ 90psi (620 kPa) air pressure.

Standard Equipment:
10-90 Series: Applicable collet, collet wrenches, 7 ft. (2.1m) air supply hose, replaceable cartridge hose filter.
10-95 Series: Applicable collet, collet wrenches, 8 ft. (2.4m) air supply hose, built-in air filter, speed regulator
12R91 Series: Applicable collet, collet wrenches, collet guard, 5 ft. (1.5m) air supply hose
12-03, 10-04 & 12-04 Series: Applicable collet, collet wrenches, collet guard, 5 ft (1.5m) air supply hose, 1 ft. (0.3m) overhose
220G Series: Collet, Collet Nut Wrench, Collet Locking Pin
14G Series: Two collet wrenches, Nosepiece
18G Series: 1/4” collet - 7808, Nosepiece -1011790, 7/16” Spindle Wrench - 1011691, 11/16” Collet Nut Wrench - 1014472

Extra Equipment:
Collets: See page 26
Collet Guard (10-90 series): See page 27
Cartridge hose filter: 45-0211
Overhose: See page 63







⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions.

Inline Grinders

For Carbide Burrs, Mounted Points, Mounted Wheels

DOTCO® Cleco®

12,000 – 40,000 RPM

0.2 – 0.9 hp (0.15 – 0.67 kW)

- Great for die and mold work, deburring
- Aluminum, composite or rugged steel housings
- Complete selection of rpm speeds available
- Front, side, and rear exhaust models available



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Inline Grinders

For Carbide Burrs, Mounted Points, Mounted Wheels

COOPER Power Tools

Model Number			Free Speed	Abrasives Capacity	Type Housing	Weight		Length		Collet Size	Air Inlet Size
Front Exhaust	Side Exhaust	Rear Exhaust	rpm			lbs.	kgs	in.	mm		
12-05 Series – 0.2 hp (0.15 kW) – with Collet Guard											
12R0500-36			40,000	1/4" Carbide Burr, 7/8" Mtd. Wheel	C	0.7	0.3	5.9	150	1/4"	1/8"
12-10 Series – 0.3 hp (0.22 kW) – 300 Series Collet											
12L1001-36		12L1081-36+	34,000	1/2" Carbide Burr, 1" Mtd. Wheel	C	0.8	0.4	6.0	152	1/4"	1/4"
12L1000-36		12L1080-36▲+	30,000	1/2" Carbide Burr, 1" Mtd. Wheel	C	0.8	0.4	6.0	152	1/4"	1/4"
12L1003-36•		12L1082-36•+	25,000	1/2" Carbide Burr, 1" Mtd. Wheel	C	0.8	0.4	6.0	152	1/4"	1/4"
12S1008-36•			20,000	1/2" Carbide Burr, 1" Mtd. Wheel	C	0.8	0.4	6.0	152	1/4"	1/4"
10-10 Series – 0.3 hp (0.22 kW) – 300 Series Collet											
10L1001-36▲		10L1081-36	34,000	1/2" Carbide Burr, 1" Mtd. Wheel	A	0.7	0.3	4.6	117	1/4"	1/4"
10L1000-36▲		10L1080-36▲	30,000	1/2" Carbide Burr, 1" Mtd. Wheel	A	0.7	0.3	4.6	117	1/4"	1/4"
10L1003-36•		10L1082-36▲•	25,000	1/2" Carbide Burr, 1" Mtd. Wheel	A	0.7	0.3	4.6	117	1/4"	1/4"
12-20 Series – 0.6 hp (0.45 kW) – 200 Series Collet											
12L2000-01		12L2080- 01▲+	25,000	3/4" Carbide Burr, 1.5" Mtd. Wheel	C	1.4	0.6	6.9	175	1/4"	1/4"
12L2001-01•		12L2081-01•	20,000	3/4" Carbide Burr, 1.5" Mtd. Wheel	C	1.4	0.6	6.9	175	1/4"	1/4"
12L2002-01•		12L2082-01•	18,000	3/4" Carbide Burr, 1.5" Mtd. Wheel	C	1.4	0.6	6.9	175	1/4"	1/4"
10-20 Series – 0.6 hp (0.45 kW) – 200 Series Collet											
10L2000-01▲		10L2080-01	25,000	3/4" Carbide Burr, 1.5" Mtd. Wheel	A	1.3	0.6	5.8	147	1/4"	1/4"
116 Series – 0.6 hp (0.45 kW) – 200 Series Collet											
116GLFB-250-C4			25,000	3/4" Carbide Burr	S	1.8	0.8	6.3	160	1/4"	1/4"
	116GLSB-250-C4		25,000	3/4" Carbide Burr	S	1.8	0.8	6.3	160	1/4"	1/4"
136 Series – 0.6 hp (0.45 kW) – 200 Series Collet											
		136GLR-250-C4	25,000	1" Carbide Burr	S	1.9	0.9	7.4	188	1/4"	1/4"
136GLF-250-C4			25,000	1" Carbide Burr	S	2.0	0.9	6.8	173	1/4"	1/4"
	136GLS-240-C4		24,000	1" Carbide Burr	S	2.0	0.9	6.8	173	1/4"	1/4"
		136GLR-180-C4	18,000	1" Carbide Burr	A	1.9	0.9	7.4	188	1/4"	1/4"
31G Series – 0.6 hp (0.45 kW) – Universal Collet											
31G-510		31GR-510	20,000*	3/4" Carbide Burr, 1.5" Mtd. Wheel	S	1.6	0.7	6.8**	173**	1/4"	1/4"
12-25 Series – 0.9 hp (0.67 kW) – 200 Series Collet											
12L2500-01		12L2580-01+	23,000	1" Carbide Burr, 1.5" Mtd. Wheel	C	1.8	0.8	7.3	185	1/4"	1/4"
12L2502-01•		12L2582-01•+	18,000	1" Carbide Burr, 1.5" Mtd. Wheel	C	1.8	0.8	7.3	185	1/4"	1/4"
12L2562-01•		12L2542-01•	12,000*	1" Carbide Burr, 1.5" Mtd. Wheel	C	1.8	0.8	7.4	188	1/4"	1/4"
10-25 Series – 0.9 hp (0.67 kW) – 200 Series Collet											
10L2500-01		10L2580-01	23,000	1" Carbide Burr, 1.5" Mtd. Wheel	A	1.4	0.6	6.3	159	1/4"	1/4"
10B2500-01			23,000	1" Carbide Burr, 1.5" Mtd. Wheel	A	1.4	0.6	6.3	159	1/4"	1/4"
10L2502-01•			18,000	1" Carbide Burr, 1.5" Mtd. Wheel	A	1.4	0.6	6.3	159	1/4"	1/4"

Housing Guide: A=Aluminum, C=Composite, S=Steel
▲ Button throttle available
• Oilless blades
+ Overhose model available but not necessarily as Rapid Select
*Governor controlled speed. If front exhaust, add 0.7" (18mm) to length
**For 31G series rear exhaust model, add 0.6" (18mm)
‡Mounted wheel capacity depends on wheel diameter, thickness and overhang. Consult wheel manufacturer for speed recommendations.

General:
All tools performance rated @ 90psi (620 kPa) air pressure.
Minimum Hose I.D.–
12-05 Series: 3/16" (4.8mm)
10-10, 12-10, 116 Series: 1/4" (6.4mm)
10-20, 10-25, 12-20, 12-25, 136, 31G Series: 5/16" (7.9mm)

Standard Equipment:
12-05 Series:
Applicable collet, collet wrenches, collet guard, 7 ft (2.1m) air supply hose
12-10, 12-20, 12-25, 10-10, 10-20, 10-25, 116, 136, 31G Series:
Applicable collet, collet wrenches

Extra Equipment:
See pages 24–27
Overhose (rear exhaust): See page 63





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Inline Extended Grinders

For Carbide Burrs, Mounted Points, Mounted Wheels

DOTCO® Cleco®

18,000 – 28,000 RPM

0.3 – 1.2 hp (0.22 – 0.9 kW)

- Extended housings
- Aluminum, composite or rugged steel housings



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Inline Extended Grinders

For Carbide Burrs, Mounted Points, Mounted Wheels

COOPER Power Tools

Model Number			Free Speed	Abrasives Capacity	Type Housing	Weight		Length		Collet Size	Air Inlet Size
Front Exhaust	Side Exhaust	Rear Exhaust	rpm			lbs.	kgs	in.	mm		
12-11 Series - 0.3 hp (0.22 kW) - 5" (127mm) Extension - 300 Series Collet											
12L1101-36		12L1181-36	28,000	1/2" Carbide Burr, 1" Mtd. Wheel	C	1.3	0.6	10.9	277	1/4"	1/4"
12L1112-36•			25,000	1/2" Carbide Burr, 1" Mtd. Wheel	C	1.3	0.6	10.9	277	1/4"	1/4"
10-11 Series - 0.3 hp (0.22 kW) - 5" (127mm) Extension - 300 Series Collet											
10L1101-36		10L1181-36	28,000	1/2" Carbide Burr, 1" Mtd. Wheel	A	1.2	0.5	9.8	248	1/4"	1/4"
10L1112-36▲			25,000	1/2" Carbide Burr, 1" Mtd. Wheel	A	1.2	0.5	9.8	248	1/4"	1/4"
136 Series – 0.8 hp (0.6 kW) – 200 Series Collet											
	136GEL-240-C4		24,000	1" Carbide Burr, 2" Mtd. Wheel	S	3.5	1.6	12.4	315	1/4"	1/4"
12-26 Series - 0.9 hp (0.67 kW) - 5" (127mm) Extension - 200 Series Collet											
	12L2600-01		22,000	1" Carbide Burr, 1.5" Mtd. Wheel	C	2.9	1.3	12.9	328	1/4"	1/4"
		12L2682-01•	18,000	1" Carbide Burr, 1.5" Mtd. Wheel	C	2.9	1.3	12.9	328	1/4"	1/4"
12-26 Series – 0.9 hp (0.67 kW) – Multiple Extension - 300 Series Collet											
		12S2674-2A•	18,000	3/4" Carbide Burr, 1.5" Mtd. Wheel	C	4.2	1.9	23.5	597	1/4"	1/4"
15 Series – 1.2 hp (0.9 kW) – 200 Series Collet – Governed											
	15GELC-180-C4		18,000*	1.25" Carbide Burr, 2" Mtd. Wheel	S	4.3	2.0	14.5	368	1/4"	3/8"

Housing Guide: A=Aluminum, C=Composite, S=Steel
▲ Button throttle available
*Governor controlled speeds
• Oilless blades
‡Mounted wheel capacity depends on wheel diameter, thickness and overhang. Consult wheel manufacturer for speed recommendations.

General:

All tools performance rated @ 90psi (620 kPa) air pressure.
Minimum Hose I.D.–
10-11, 12-11 Series: 1/4" (4.8mm)
12-26, 136 Series: 5/16" (7.9mm)
15 (governed) Series: 3/8" (9.5mm)

Standard Equipment:

Applicable collet, collet wrenches

Extra Equipment:

See pages 24–27
Overhose (rear exhaust): See page 63

Multiple Extensions for 12-26 Series:

Each extension changes the tool length and weight by:
12-26 series = 7.25" (184mm) and 1.2 lbs. (0.54 kg);
The length and weight in the table are for 2A models
1A = One extension
2A = Two extension
3A = Three extensions, etc.
All multiple extensions are not available in all speeds



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Right Angle Grinders

For Carbide Burrs, Mounted Points, Mounted Wheels

DOTCO® Cleco®

6,000 – 30,000 RPM

0.3 – 0.9 hp (0.22 – 0.67 kW)

- Suitable for a wide range of finishing and deburring applications
- Geared or gearless
- Front, side, or rear exhaust
- Heavy duty heads available for more rugged applications
- Extended head models available



⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Right Angle Grinders

For Carbide Burrs, Mounted Points, Mounted Wheels

COOPER Power Tools

Model Number			Free Speed	Abrasives Capacity‡	Type Housing	Weight		Head Height*		Length		Collet Size	Air Inlet Size
Front Exhaust	Side Exhaust	Rear Exhaust	rpm			lbs.	kgs	in.	mm	in.	mm		
12-12 & 10-12 Series – 0.3 hp (0.22 kW) – 300 Series Collet													
12L1201-36		12L1281-36	20,000	1/2” Carbide Burr, 1” Mtd. Whl.	C	1.1	0.5	2.7	69	6.3	160	1/4”	1/4”
12L1200-36		12L1280-36	12,000	1/2” Carbide Burr, 1” Mtd. Whl.	C	1.1	0.5	2.7	69	6.3	160	1/4”	1/4”
10L1201-36		10L1281-36	20,000	1/2” Carbide Burr, 1” Mtd. Whl.	C	1.0	0.5	2.9	74	5.0	127	1/4”	1/4”
10L1200-36		10L1280-36	12,000	1/2” Carbide Burr, 1” Mtd. Whl.	C	1.0	0.5	2.9	74	5.0	127	1/4”	1/4”
12-13 Series – 0.3 hp (0.22 kW) – Gearless – 300 Series Collet													
		12L1380-36	30,000	1/2” Carbide Burr, 1” Mtd. Whl.	C	1.1	0.5	3.7	94	7.1	180	1/4”	1/4”
		12L1381-36	25,000	1/2” Carbide Burr, 1” Mtd. Whl.	C	1.1	0.5	3.7	94	7.1	180	1/4”	1/4”
		12L1382-36•	20,000	1/2” Carbide Burr, 1” Mtd. Whl.	C	1.1	0.5	3.7	94	7.1	180	1/4”	1/4”
12-23 Series – 0.5 hp (0.38 kW) – Gearless – 200 Series Collet													
12L2384-01			20,000	3/4” Carbide Burr, 1.25” Mtd. Whl.	C	2.0	0.91	5.5	140	7.5	190	1/4”	1/4”
12-22 Series – 0.6 hp (0.45 kW) – 200 Series Collet – Heavy Duty Head													
	12L2252-01•		11,000	3/4” Carbide Burr, 2” Mtd. Whl.	C	3.2	1.5	3.9	99	9.3	236	1/4”	1/4”
12-22 Series – 0.6 hp (0.45 kW) – 300 Series Collet													
		12L2218-36	18,000	1/2” Carbide Burr, 1” Mtd. Whl.	C	1.7	0.8	2.7	69	7.5	191	1/4”	1/4”
116 Series – 0.6 hp (0.4 kW) – 200 Series Collet – Heavy Duty Head													
116GLF-115A-C4			11,500	1” Carbide Burr	S	3.3	1.5			7.1	180	1/4”	1/4”
116 Series – 0.6 hp (0.4 kW) – 200 Series Collet – Extended Head													
116GLFC-165A-C4			16,500	3/4” Carbide Burr	S	2.6	1.2			9.1	231	1/4”	1/4”
136 Series – 0.8 hp (0.6 kW) – 200 Series Collet – Heavy Duty Head													
		136GLR-115A-C4	11,500	1” Carbide Burr	S	3.4	1.5			8.3	211	1/4”	1/4”
12-27 Series – 0.9 hp (0.67 kW) – 200 Series Collet – Heavy Duty Head													
	12L2752-01		11,000	1” Carbide Burr, 2” Mtd. Whl.	C	3.4	1.5	3.9	99	9.8	249	1/4”	1/4”
12-27 Series – 0.9 hp (0.67 kW) – 300 Series Collet													
		12L2718-36	18,000	3/4” Carbide Burr, 1.25” Mtd. Whl.	C	1.9	0.9	2.9	74	8.0	203	1/4”	1/4”

Housing Guide: A=Aluminum, C=Composite, S=Steel

* Over spindle

• Oilless blades

‡Mounted wheel capacity depends on wheel diameter, thickness and overhang. Consult wheel manufacturer for speed recommendations.

General:

All tools performance rated @ 90psi (620 kPa) air pressure.

Minimum Hose I.D.– 12-12, 10-12, 12-13, 12-23, 116 Series: 1/4” (4.8mm)
12-22, 12-27, 136 Series: 5/16” (7.9mm)

Standard Equipment:

Applicable collet, collet wrenches

Extra Equipment:

See pages 24–27

Overhose (rear exhaust): See page 63.

12-12



12-22



⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Inline Grinders
For Cone or Plug Wheels

Cleco®

9,000 – 24,000 RPM
0.8 – 2.1 hp (0.6 – 1.6 kW)

- Governed and non-governed models
- Side exhaust
- Extended Series
- Rugged steel housings



Model Number		Free Speed	Abrasives Capacity	Type Housing	Weight		Length		Spindle Size	Air Inlet Size
Rear Exhaust	Rotatable Side Exhaust	rpm			lbs.	kgs	in.	mm		
136 Series Extended – 0.8 hp (0.6 kW) – Non-Governed – Rear Exhaust										
136GEL-240-P3T		24,000	1.25" Cone or Plug Wheel	S	3.5	1.6	12.3	312	3/8"-24	1/4"
15 Extended Series – 1.2 hp (0.9 kW) – Governed – Rotatable Exhaust Deflector										
	15GELC-180-P3T	18,000*	2" Cone or Plug Wheel	S	4.3	2.0	14.5	368	3/8"-24	1/4"
	15GELC-180-P5T	18,000*	2" Cone or Plug Wheel	S	4.5	2.0	14.9	378	5/8"-11	1/4"
	15GELC-140-P3T	14,000*	2" Cone or Plug Wheel	S	4.3	2.0	14.5	368	3/8"-24	1/4"
500B Horizontal Series – 2.1 hp (1.6 kW) – Governed – Rotatable Exhaust Deflector										
	590BHL-P	9,000*	3" Cone or Plug Wheel	S	7.6	3.4	17.9	455	5/8"-11	1/4"
	5120BHL-P	12,000*	3" Cone or Plug Wheel	S	7.6	3.4	17.9	455	5/8"-11	1/4"

Housing Guide: A=Aluminum, C=Composite, S=Steel
*Governor controlled speeds

General:
All tools performance rated @ 90psi (620 kPa) air pressure.
Minimum Hose I.D.– 136, 15, 500B Series: 5/16" (7.9mm)

Standard Equipment:
Applicable wrenches, operating instructions & service manual

Extra Equipment:
See pages 28–31
Overhose (rear exhaust): See page 63.

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Cleco®

6,000 – 18,000 RPM
0.5 – 4.1 hp (0.4 – 3.1 kW)

- Short & extended
- Side & rear exhaust
- Safety lever or spade handle



Model Number		Free Speed	Abrasives Capacity	Type Housing	Weight		Length		Arbor/ Spindle Size	Air Inlet Size
Rear Exhaust	Rotatable Side Exhaust	rpm			lbs.	kgs	in.	mm		
136 Series – 0.5 hp (0.4 kW) – Rear Exhaust										
136GLR-180-W3T4		18,000	3" x 1/2" (4" wheel guard)	S	2.4	1.1	7.3	185	3/8"-24	1/4"
136GLR-150-W3T4		15,000	3" x 1/2" (4" wheel guard)	S	2.4	1.1	7.3	185	3/8"-24	1/4"
500B Series – 1.9 hp (1.4kW) – Rotatable Exhaust										
	560BHL-16	6,000	6" x 1" (6" wheel guard)	S	10.8	4.9	18.4	467	5/8"	1/2"
500B Series – 1.9 hp (1.4kW) – Rotatable Exhaust – Spade Handle										
	560BHX-16	6,000	6" x 1" (6" wheel guard)	S	11.6	5.3	18.8	478	5/8"	1/2"
1700 Series – 3.1 hp (2.3kW) – Lock-off Lever Throttle										
	1760HL-16	6,000*	6" x 1" (6" wheel guard)	S	14.5	6.6	19.6	498	5/8"	1/2"
1900 Series – 4.1 hp (3.1 kW) – Spade Handle										
	1960HG-16	6,000*	6" x 1" (6" wheel guard)	S	6.8	7.6	21.4	544	5/8"	1/2"

Housing Guide: A=Aluminum, C=Composite, S=Steel
* Governor controlled speeds

General:
All tools performance rated @ 90psi (620 kPa) air pressure.
Minimum Hose I.D.– 560, 1700, 1900 Series: 1/2" (12.7mm)

Standard Equipment:
136, 500B, 1700 & 1900 series: Wheel guard and flange wrench

Extra Equipment:

See pages 24–27
Wheel Guards: See page 27
Overhose (rear exhaust): See page 63

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Inline & Right Angle Grinders

For Type 1 Cut-Off Wheels

DOTCO® Cleco®

12,000 – 18,000 RPM
0.5 – 1.1 hp (0.4 – 0.8 kW)

- Composite and steel housing
- Front, Side & Rear Exhaust



Model Number			Free Speed	Type 1 Cut-Off Wheel Capacity	Type Housing	Weight		Length		Head Height		Arbor/ Spindle Size	Air Inlet Size
Front Exhaust	Side Exhaust	Rear Exhaust	rpm			lbs.	kgs	in.	mm	in.	mm		
116 Series – 0.6 hp (0.4kW) – Heavy Duty Head													
116GLF-115A-W3T4			11,500	4”x 1/8” (4” wheel guard)	S	3.6	1.6	7.1	180	3.2	81		1/4”
116 Series – 0.5 hp (0.4kW) – Extended Head													
116GLFB-135A-W3T4			13,500	4”x 1/8” (4” wheel guard)	S	3.0	1.4	9.1	231	2.2	56		1/4”
136 Series – 0.8 hp (0.6kW) – Heavy Duty Head													
	136GLS-115A-W3T4		11,500	4”x 1/8” (4” wheel guard)	S	3.8	1.7	8.3	211	3.2	81		3/8”
	136GLR-115A-W3T4		11,500	4”x 1/8” (4” wheel guard)	S	3.8	1.7	8.3	211	3.2	81		3/8”
136 Series – 0.7 hp (0.5kW) – Extended Head													
136GLFB-135A-W3T4			13,500	4”x 1/8” (4” wheel guard)	S	3.3	1.5	9.6	244	2.2	56		3/8”
	136GLSB-135A-W3T4		13,500	4”x 1/8” (4” wheel guard)	S	3.3	1.5	9.6	244	2.2	56		3/8”
12-27 Series – 0.9 hp (0.67 kW)													
		12L2718-28	18,000	4”x 1/8” (4” wheel guard)	C	3.2	1.5	8.0	203			3/8”	1/4”
15 Series – 1.1 hp (0.8 kW)													
	15GL-60A-W5T7		6,000**	7”x1/8” (7” wheel guard)	S	7.1	3.2	10.0	254	4.0	102		3/8”

Housing Guide: A=Aluminum, C=Composite, S=Steel
**Governor controlled speeds

General:

All tools performance rated @ 90psi (620 kPa) air pressure.
Minimum Hose I.D.– 116 Series: 1/4” (6.4mm)
12-27, 136 Series: 5/16” (7.9mm)
15 Series: 3/8” (9.5mm)

Standard Equipment:

12-27 Series: Wheel guard, spindle wrench, inner and outer wheel flanges
116, 136 Series: Wheel guard, wheel adapter, spindle wrench
15 Series: Wheel guard
Operating instructions & service manual

Extra Equipment:

Wheel Guards: See page 27
Overhose (rear exhaust): See page 63

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.



Cleco®

6,000 – 14,500 RPM

0.6 – 1.1 hp (0.4 – 0.8 kW)

- Front, side, & rear exhaust models
- Governed or non-governed models

Model Number			Free Speed	Type 1 Cut-Off Wheel Capacity	Type Housing	Weight		Length		Head Height		Arbor/ Spindle Size	Air Inlet Size
Front Exhaust	Side Exhaust	Rear Exhaust	rpm			lbs.	kgs	in.	mm	in.	mm		
31A Series – 0.6 hp (0.45 kW)													
		31AR-530	13,500	4" (4" wheel guard)	A	2.3	1.0	10.8	274			3/8"	1/4"
116 Series – 0.6 hp (0.4 kW) – Heavy Duty Head													
116GLF-115A-D3T4			11,500*	4" (4" wheel guard)	S	3.6	1.6	7.1	180	3.2	81	3/8"-24	1/4"
116GLF-115A-D3T45			11,500*	4.5" (4.5" wheel guard)	S	3.6	1.6	7.1	180	3.2	81	3/8"-24	1/4"
116 Series – 0.6 hp (0.4 kW) – Extended Head													
	116GLSB-135A-D3T4		13,500*	4" (4" wheel guard)	S	3.0	1.4	9.1	231	3.2	81	3/8"-24	1/4"
136 Series – 0.8 hp (0.6 kW) – Heavy Duty Head													
136GLF-115A-D3T4			11,500*	4" (4" wheel guard)	S	3.9	1.8	7.6	193	3.2	81	3/8"-24	1/4"
		136GLR-115A-D3T45	11,500*	4.5" (4.5" wheel guard)	S	3.8	1.7	8.3	211	3.2	81	3/8"-24	1/4"
		136GLS-115A-D3T4	11,500*	4" (4" wheel guard)	S	3.9	1.8	7.6	193	3.2	81	3/8"-24	1/4"
136 Series – 0.8 hp (0.6 kW) – Extended Head													
	136GLSB-135A-D3T4		13,500*	4" (4" wheel guard)	S	3.3	1.5	9.6	244	3.2	81	3/8"-24	1/4"
10-27 Series – 0.9 hp (0.67 kW)													
10K2752-84			11,000	4" (4" wheel guard)	A	3.8	1.7	8.7	223	3.5	89	3/8"	1/4"
15 Series – 1.1 hp (0.8 kW) – Governed													
	15GL-60A-D5T7		6,000*	7" (7" wheel guard)	S	7.1	3.2	10.0	254	4.0	102	5/8"	1/4"

Housing Guide: A=Aluminum, C=Composite, S=Steel
*Governor controlled speeds
**Over spindle
+Overhose model available

General:

All tools performance rated @ 90psi (620 kPa) air pressure.
Minimum Hose I.D.– 136 Series: 1/4" (6.4mm)
10-27, 31, 136 Series: 5/16" (7.9mm)
15 Series: 3/8" (9.5mm)

Standard Equipment:

10-27 Series: Wheel guard, spindle wrench
116, 136 Series: Wheel guard, wheel adapter, spindle wrench
15 Series: Wheel guard, flange wrench
Operating instructions & service manual

Extra Equipment:

See pages 24–27
Wheel Guards: See page 27
Overhose (rear exhaust): See page 63

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Vertical Grinders

For Type 27 Depressed Center Wheel & Cup Wheel

Cleco®

6,000 – 18,000 RPM

0.4 – 4.1 hp (0.3 – 3.1 kW)

- Robust sand-cast housing
- For heavy material removal & rough grinding operations
- Safety lever throttle



⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Vertical Grinders

For Type 27 Depressed Center Wheel & Cup Wheel

COOPER Power Tools

Model Number	Free Speed	Abrasive Capacity	Max. Power		Exhaust	Weight		Height**		Length		Spindle Size	Air Inlet Size
	rpm		hp	kW		lbs.	kgs	in.	mm	in.	mm		
136 Series – Lock-off Lever Throttle – Gearless													
136VGL-180-D3T3	18,000	3” (3” wheel guard)	0.6	0.4	Front	2.4	1.1	4.0	102	7.3	185	3/8”-24	1/2”
136VGL-135-D3T4	13,500	4” (4” wheel guard)	0.4	0.3	Front	2.4	1.1	4.0	102	7.3	185	3/8”-24	1/2”
136VGL-115-D3T4	11,500	4” (4” wheel guard)	0.4	0.3	Front	2.4	1.1	4.0	102	7.3	185	3/8”-24	1/2”
15 Vertical Series – Self Closing Thumb Throttle – Geared													
15VSB-60	6,000	7” (7” wheel guard)	1.0	0.7	Front	5.4	2.4	6.6	168	-	-	5/8”-11	3/8”
1200 Series – Lock-off Lever Throttle													
1260DVL-07	6,000*	7” (7” wheel guard)	2.0	1.5	Side	7.5	3.4	7.5	191	-	-	5/8”-11	1/2”
1700 Series – Lock-off Lever Throttle – Governed													
1760BVL-07	6,000*	7” (7” wheel guard)	3.0	2.2	Side	9.1	4.1	7.0	178	-	-	5/8”-11	1/2”
1760BVL-09	6,000*	9” (9” wheel guard)	3.0	2.2	Side	9.1	4.1	7.0	178	-	-	5/8”-11	1/2”
1900 Series – Lock-off Lever Throttle – Governed													
1960BVL-09	6,000*	9” (9” wheel guard)	4.1	3.1	Side	12.8	5.8	8.3	211	-	-	5/8”-11	1/2”

*Governor controlled speeds
**Over spindle

General:

All tools performance rated @ 90psi (620 kPa) air pressure.
Minimum Hose I.D.– 136 Series: 3/4” (19mm)
15 Series: 3/8” (9.5mm)
1200 Series: 1/2” (12.7mm)
1700, 1900 Series: 3/4” (19mm))

Standard Equipment:

136, 15 Series: Wheel guard, flange wrench
1200, 1700, 1900: Wheel guard, spindle wrench
Operating instructions & service manual

Extra Equipment:

See pages 24–27
Wheel Guards: See page 27
Wheel adapter kit: See page 25

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Grinder Accessories

Precision Carbide Burs for Die Grinders

	Size	Code No. 1/4" Shank	Max. Speed
	**Cylindrical Radius End**		
	1/16" x 3/4"	889035	80,000
	3/8" x 3/4"	889036	66,000
	1/2" x 1"	889038	50,000
	5/8" x 1"	889039	40,000
	**Cylindrical Plain**		
	3/16" x 5/8"	889003	133,000
	5/16" x 3/4"	889005	80,000
	3/8" x 3/4"	889006	66,000
	5/8" x 1"	889009	40,000
	**Oval**		
	1/4" x 3/8"	889056	100,000
	3/8" x 5/8"	889057	66,000
	**Cone Round End 14°**		
	1/4" x 5/8"	889135	100,000
	5/16" x 7/8"	889101	66,000
	3/8" x 1 1/16"	889102	50,000
	1/2" x 1 1/8"	889103	40,000
	3/4" x 1 1/2"	889106	33,000
	**Cone or Taper**		
	1/4" x 3/4"	889108	100,000
	3/8" x 5/8"	889132	66,000
	**Ball**		
	1/4"	889046	100,000
	3/8"	889048	66,000
	3/8"	889051	40,000
	**Tree Pointed**		
	1/4" x 3/4"	889128	100,000
	**Tree Radius End**		
	1/4" x 3/4"	889128	100,000
	1/2" x 1"	889067	50,000
	3/4" x 1"	889069	33,000
	3/4" x 1 1/2"	889071	33,000

Cleco Wheel Guards

Tool Series	Size	Part No.	Speed (rpm)
Type 1 Wheel			
116RA, 136RA	3"	202226	13,500 & 16,500
116RA, 136RA	4"	889208	11,500
116RA, 136RA	4"	202227	13,500 & 16,500
136, 15	3"	202278	
136, 15	4"	202245	
15RA	7"	204131	
15H	3"	865786	
15H	4"	865988	
500BH	4"	881608	9,000 & 12,000
500BH	6"	865993	6,000
1700V, 1900V	6"	202022	
1700V, 1900V	8"	202025	
Type 27 Wheel			
15RA	7"	865986	
136V	3"	849905	
136V	4"	203382	
116RA, 136RA	4"	889208	11,500
116RA, 136RA	4 1/2"	202063	11,500
116RA, 136RA	3"	202226	13,500 & 16,500
116RA, 136RA	4"	202227	13,500 & 16,500
116RA, 136RA	5"	203142	11,500
15V	7"	849760	
1200V	7"	202374	
1200V	9"	202608	
1700V, 1900V	9"	867741	
1700V, 1900V	7"	867740	
Type 28 Wheel			
15V	7"	849760	
1200V	7"	202374	
1700V, 1900V	7"	867740	
15RA	7"	865986	
1700V, 1900V	9"	869067	
Type 6 & 11 (Cup) Wheel			
1200V	4"	202465	
1700V, 1900V	5"	861892	
1700V, 1900V	6"	861893	

Buckeye Wheel Guards

Tool Series	Size	Guard Number
Type 1 (Cut-Off) Wheel		
31A	4"	1025947
Type 27 Depressed Center Wheel		
31A	4"	1022312
31A	4" Thin	1024745
31A	4 1/2"	1024788

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Spiral Cool Sanding Kits



Part No.	Size	Used On
861792	5”	116RA, 136RA
861655	7”	15RA, 15V, 1200V, 1700V, 1900V
861656*	9”	1700V, 1900V

* For use on 4,500 and 6,000 rpm models only

4 1/2” Wheel Guard Kit

Part Number	Used On
14-2188	116RA, 136RA

Type 27 & 28 Wheel Adapter Kit*

Part Number	Used On
849269	15V, 1200V, 1700V, 1900V



Router Attachment

Part Number	Used On
861804	116, 136



Overhose for 136* Grinders

Part Number	Description
869580	Exhaust Overhose
869204	Overhose Adapter
202343	Hose Clamp

* Rear exhaust models only







Exhaust Hose

Part Number	Description
1018422	Overhose (5’)

Use with any Buckeye 31 series straight housing tool
Secures over the exhaust bushing at the rear of the tool to carry exhaust debris away from the work area.

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Grinder Accessories

Part Number	Collet Size	Tool Termination	Capacity		Tool Series*			
			Min.	Max.	10-04	10-90	12-03	12-04
Series HG Collets								
103	1/16”	-04 or -14	–	1/16”	OPT	OPT		
102	3/32”	-06 or -16	–	3/32”	STD	OPT		STD
01-0102	3/32”	-16	–	3/32”			STD	
100	1/8”	-08 or -18	–	1/8”	STD	STD		STD
01-0100	1/8”	-18	–	1/8”			STD	
146	1mm	-00 or -10	–	1mm	OPT	OPT		
131	2.35mm	-02 or -12	–	2.35mm	OPT	OPT		
148	3mm	-03 or -13	–	3mm	STD	STD		STD
01-0148	3mm	-13	–	3mm			STD	

Part Number	Collet Size	Tool Termination	Capacity		Tool Series*					
			Min.	Max.	10-95	12-10 12-11 12-12	12-20 12-25	12-21 12-22 12-26 12-27 12-31	10-43 11-43	12-05 12-22 12-27
Universal Collets										
 7809	1/8”	-4508	–	1/8”						OPT
7812	3/16”	-4512	–	3/16”						OPT
7808	1/4”	-45	–	1/4”						STD
7810	3mm	-45M3	–	3mm						OPT
7811	6mm	-45M6	–	6mm						OPT
“K” Series Collets										
120	1/8”	-6208	3/32”	1/8”					OPT	
 121	3/16”	-6212	5/32”	3/16”					OPT	
122	1/4”	-6216	7/32”	1/4”					OPT	
123	5/16”	-6220	9/32”	5/16”					OPT	
124	3/8”	-62	11/32”	3/8”					STD	
125	7/16”	-6228	13/32”	7/16”					OPT	
126	1/2”	-6232	15/32”	1/2”					OPT	
134	8mm	-62M8	–	8mm					OPT	
135	10mm	-6270	–	10mm					OPT	
Series 200 Collets										
204	1/8”	-0108	3/32”	1/8”			OPT	OPT		
205	5/32”	-0110	1/8”	5/32”			OPT	OPT		
 206	3/16”	-0112	5/32”	3/16”			OPT	OPT		
207	7/32”	-0114	3/16”	7/32”			OPT	OPT		
208	1/4”	-01	7/32”	1/4”			STD	STD		
209	9/32”	-0118	1/4”	9/32”			OPT	OPT		
210	5/16”	-0120	9/32”	5/16”			OPT	OPT		
211	11/32”	-0122	5/16”	11/32”			OPT	OPT		
212	3/8”	-0124	11/32”	3/8”			OPT	OPT		
213	6mm	-01M6	5.2mm	6mm			OPT	OPT		
216	8mm	-01M8	7.2mm	8mm			OPT	OPT		
Series 300 Collets										
301	3/64”	-3603	1/64”	3/64”		OPT	OPT			OPT
 302	5/64”	-3605	3/64”	5/64”		OPT	OPT			OPT
303	3/32”	-3606	1/16”	3/32”		OPT	OPT			OPT
304	1/8”	-3608	3/32”	1/8”	STD	OPT	OPT			OPT
305	5/32”	-3610	1/8”	5/32”		OPT	OPT			OPT
306	3/16”	-3612	5/32”	3/16”		OPT	OPT			OPT
308	1/4”	-36	7/32”	1/4”	OPT	STD	STD			STD
311	3mm	-36M3	2.2mm	3mm		OPT	OPT			OPT
310	6mm	-36M6	5.2mm	6mm		OPT	OPT			OPT

* Std = Standard Collet
OPT = Optional Collet

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Long Collet Guard



Completely covers the collet. Limits the diameter of the cutting tool used to 5/8".

Part Number	Tool Series
1020	12-10

Noise Suppressor Guard



Completely covers the collet. Limits the diameter of the cutting tool used to 1/2". Air is exhausted at an angle.

Part Number	Tool Series
14-2188	12-10 tront exhaust tools only

Turbine Collet Guard



Slips on and off tool with a slight twist.

Part Number	Tool Series
14-1280	10-9000



14-5008

Depressed Center Wheel Adapters

Adapt abrasive with a 7/8" arbor tool with 5/8-11 thread.

Part Number	Description
14-5008	Metal Flange

Toolpost Holders



Special high-speed machining operations can be made with this lathe mounted cross-slide attachment. Swivel holder permits positioning the grinder thru 180° arc.

Part Number	Tool Series
14-0991	10-04

Model Number / Tool Series*	Wheel Size	Guard No.
Stationary Cup Wheel Guards		
10-53 & 10-58	6" (152mm)	14-5002
Type 1 (Cut-Off) Wheel Guards		
12-10	3" x 3/16" (76mm x 4.8mm)	14-1018
12-12	3" x 3/16" (76mm x 4.8mm)	14-1258
12-20 & 12-25	3" x 3/16" (76mm x 4.8mm)	14-2624
12-22 & 12-27 (LP)	3" x 3/16" (76mm x 4.8mm)	14-1258
12-25	4" x 3/16" (102mm x 4.8mm)	14-2623
12-22 & 12-27 (LP)	4" x 3/16" (102mm x 4.8mm)	14-1259
Type 1 Wheel Guards		
12-25	3" x 1/2" (76mm x 13mm)	14-2551
12-26	3" x 1/2" (76mm x 13mm)	14-2097
12-31	3" x 1/2" (76mm x 13mm)	14-3011
12-41	3" x 1" (76mm x 25mm)	14-3011
12-41	4" x 1" (102mm x 25mm)	14-4074
12-51	6" x 1" (152mm x 25mm)	14-5012
10-56	8" x 1" (203mm x 25mm)	14-5022
Type 27 Depressed Center Wheel Guards		
12-22 & 12-27 (LP)	3" (76mm)	14-2593
12-28 (NG)	3" (76mm)	14-2564
12-22 & 12-27	4" (102mm)	14-2562
12-22 & 12-27 (LP)	4" (102mm)	14-2594
12-27	4.5" (115mm)	14-2672
12-27	5" (127mm)	14-2252
12-22 & 12-27	5" (127mm)	14-2152
12-42	7" (178mm)	14-2123
10-53 & 10-58	7" (178mm)	14-5018
10-53 & 10-58	9" (229mm)	14-5017
Type 28 Depressed Center Wheel Guards		
10-53 & 10-58	7" (178mm)	14-5018
10-53 & 10-58	9" (229mm)	14-5019

* Std = Standard Collet
LP = Low Profile
NG = Non-Governed



14-2623



14-1259



14-2594



14-5018

Sanders, Buffers & Polishers Introduction

DOTCO®

Dotco® sanders, buffers and polishers are available in a variety of styles and power ratings to provide flexibility in choosing the best tool for the job. Disc sanding and polishing, wire brushes, buffing wheels, abrasive sheets, woven or non-woven belts. No matter the application, Dotco has a quality tool solution.

Motor ratings for sanders range from 0.6 – 1.6HP. All sanders feature composite, aluminum or steel housings to protect the internal parts as much as possible.



Dotco 12-18 Series random orbital & orbital sanders

The Dotco 12-18 Series random orbital and orbital sanders have a low profile design for better sanding control which improves finish quality. They are lightweight with low vibration to reduce operator fatique and improve production levels.

You can choose between models with either 3/16" (black lever) or 3/32" (chrome lever) random orbital pattern to best fit your application. All models are shipped with 3 interchangeable grips to comfortably fit any hand in your plant. Vacuum models are extremely efficient and are equipped with super vac for increased efficiency.





Dotco 12-23 Series belt sanders

The Dotco 12-23 Series belt sanders can grind corners, enter grooves, debur, strap polish or enter channels. The unique belt cover makes belt changes quick and easy. You can use non-woven nylon or coated abrasive belts on a variety of surfaces.

The unique sanding attachment pivots 360 degrees to allow user flexibility in reaching confined areas. The belt cover snaps on/off easily with no special tools needed allowing for quick belt changes. The arm itself is interchangeable to best suit a variety of applications.



⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions.



Durable high carbon steel lever won't break off

Sintered bronze one piece muffler does an excellent job of muffling noise and does not clog as easily as competitive models. When needed, makes servicing tool easy.

3 interchangeable grips to reduce fatique and increase user comfort shipped standard with every sander

Hardened alloy steel cylinder for power, speed and longer cylinder life

Floating rotor design reduces internal friction for a higher power transfer, simplified maintenance and longer tool life

Hardened alloy steel shaft balancer for durability and long wear

Underside variable speed control allows user to easily adjust speed for different applications

A wide range of industrial-quality PSA and hook and loop pads available in 3", 5" and 6" sizes



Belt Sanders
Page 34

Buffers/Polishers
Page 36

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions.

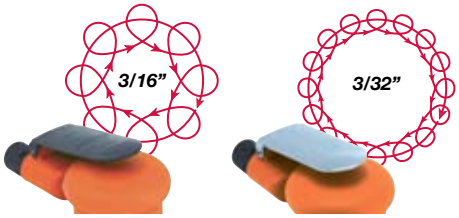
DOTCO®

12-18 Series Random Orbital

Nominal Motor Power

0.24 hp 0.18 kW

- Low profile for more sanding control
- Lightest weight to reduce operator fatique
- Extremely efficient built-in vacuum system with swivel hose fittings
- 3/16” & 3/32” random orbital pattern



- Levers allow users to visually see the difference between 3/16” and 3/32”
- 3 interchangeable grips to fit all hand sizes





12L1820-03



12L1820-05



12L1820-15

DOTCO®

12-18 Series Orbital

Nominal Motor Power

0.24 hp 0.18 kW

- Lightest weight full size orbital sander in the world
- Full 10,000 OPM with more power and faster cutting than any equivalent machine
- Patent pending pad suspension system that produces unmatched performance
- 3 interchangeable grips to fit all hand sizes
- 3/16” orbital pattern





12L1850-09

12L1850-17

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Model Number		Sanding Pad Size	Free Speed	Weight		Height		Length	
3/16" Orbit	3/32" Orbit		rpm	lbs.	kgs.	in.	mm	in.	mm
12-18 Series – Random Orbital Sander – Non Vacuum									
12L1820-03		3.5"	12,000	1.56	0.71	3.33	84.58	5.11	129.79
12L1820-05+	12L1823-05+	5.0"	12,000	1.62	0.73	3.33	84.58	5.48	139.19
12L1820-06+	12L1823-06	6.0"	12,000	1.68	0.76	3.33	84.58	5.48	139.19
12-18 Series – Random Orbital Sander – Central Vacuum, Vacuum Attachment & Shroud									
12L1820-13		3.5"	12,000	1.60	0.73	3.33	84.58	6.98	177.29
12L1820-15+	12L1823-15	5.0"	12,000	1.73	0.78	3.33	84.58	7.75	196.85
12L1820-16+		6.0"	12,000	1.90	0.86	3.33	84.58	7.75	196.85
12-18 Series – Random Orbital Sander – Self-Generated Unit with Vacuum Hose & Floor Bag									
12L1820-25+		5.0"	12,000	1.73	0.78	3.33	84.58	8.33	211.58
12L1820-26+		6.0"	12,000	1.80	0.82	3.33	84.58	8.84	224.54

General:
Air Inlet: 1/4" NPT - Use 1/4" (6.4mm) I.D. Hose
All tools performance rated @90 psi (620 kPa) air pressure
Air Flow: 16 SCFM (453 LPM) Power: 0.24 hp (179 W)

Standard Equipment:
Operating instructions & parts manual.
Random Orbital Models – 3/8" low profile medium density premium urethane back-up pad; Interchangeable grips (3)

Optional Equipment:
See page 38 for back-up pads.

Additional Models:
+ Add "HL" to end of model number to designate hook and loop pad.



Model Number			Abrasive Size	Speed	Weight		Height		Length		Width	
Clip	PSA	Hook & Loop		orbits/minute	lbs.	kg	In.	mm	in.	mm	in.	mm
12-18 Series – 3/16" Orbital Sander – Non-Vacuum												
12L1850-09			3.66" x 9"	10,000	2.28	1.03	3.94	100.01	6.88	174.63	3.53	89.69
	12L1850-07	12L1850-07HL	3.66" x 7"	10,000	2.20	1.00	3.94	100.01	6.88	174.63	3.53	89.69
12-18 Series – 3/16" Orbital Sander – Central Vacuum												
12L1850-19	12L1850-17		3.66" x 7"	10,000	2.20	1.00	3.94	100.01	8.78	223.04	3.53	89.69
12-18 Series – 3/16" Orbital Sander – Self-Generated Unit with Vacuum Hose & Floor Bag												
	12L1850-27		3.66" x 7"	10,000	2.37	1.08	3.94	100.01	10.00	254.00	3.53	89.69

General:
Air Inlet: 1/4" NPT - Use 1/4" (6.4mm) I.D. Hose
All tools performance rated @90 psi (620 kPa) air pressure
Air Flow: 16 SCFM (453 LPM) Power: 0.24 hp (179 W)

Standard Equipment:
Operating instructions & parts manual.
Orbital Models – back-up pad.
Interchangeable grips (3)

Optional Equipment:
See page 38 for back-up pads.

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Right Angle Sanders
For Disc Sanding & Polishing

DOTCO®

1,250 – 30,000 RPM

0.3 – 1.7 hp (0.22 – 1.27 kW)

- Suitable for a wide range of finishing and sanding applications
- Geared or gearless models
- Front, side, and rear exhaust models
- Composite or aluminum housing
- Choice governed or non-governed models



12-12



12-22



10-12



12-13 Gearless



12-22 Heavy Duty Head



12-27 Heavy Duty Head



10-27 Heavy Duty Head

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Right Angle Sanders
For Disc Sanding & Polishing

COOPER Power Tools

Model Number		Free Speed	Disc Capacity	Type Housing	Weight		Length		Head Height*		Collet/ Spindle Size	Air Inlet Size
Front Exhaust	Rear Exhaust	rpm			lbs.	kg	in.	mm	in.	mm		
12-12 & 10-12 Series – 0.3 hp (0.22 kW) – 300 Series Collet												
12L1201-36	12L1281-36	20,000	2” Sanding/Polishing Disc	C	1.1	0.5	6.3	160	2.9	74	1/4”	1/4”
12L1200-36	12L1280-36	12,000	3” Sanding/Polishing Disc	C	1.1	0.5	6.3	160	2.9	74	1/4”	1/4”
10L1201-36	10L1281-36	20,000	2” Sanding/Polishing Disc	C	1.0	0.5	5.0	127	2.9	74	1/4”	1/4”
10L1200-36	10L1280-36	12,000	3” Sanding/Polishing Disc	C	1.0	0.5	5.0	127	2.9	74	1/4”	1/4”
12-12 & 10-12 Series – 0.3 hp (0.22 kW) – 1/4”-28 Internal Thread												
12L1201-32	12L1281-32	20,000	2” Sanding/Polishing Disc	C	1.1	0.5	6.3	160	1.9	48	1/4”-28	1/4”
12L1200-32	12L1280-32	12,000	3” Sanding/Polishing Disc	C	1.1	0.5	6.3	160	1.9	48	1/4”-28	1/4”
10L1200-32		12,000	3” Sanding/Polishing Disc	C	1.0	0.5	5.0	127	1.9	48	1/4”-28	1/4”
10B1200-32		12,000	3” Sanding/Polishing Disc	C	1.0	0.5	5.0	127	1.9	48	1/4”-28	1/4”
12-13 Series – 0.3 hp (0.22 kW) – Gearless – 300 Series Collet												
	12L1380-36	30,000	1” Sanding/Polishing Disc	C	1.1	0.5	7.1	180	3.9	99	1/4”	1/4”
	12L1381-36	25,000	2” Sanding/Polishing Disc	C	1.1	0.5	7.1	180	3.9	99	1/4”	1/4”
	12L1382-36•	20,000	2” Sanding/Polishing Disc	C	1.1	0.5	7.1	180	3.9	99	1/4”	1/4”
12-22 Series – 0.6 hp (0.45 kW) – 300 Series Collet – Heavy Duty Head												
	12L2218-36	18,000	3” Sanding/Polishing Disc	C	1.7	0.8	7.5	191	2.7	69	1/4”	1/4”
12-22 Series – 0.6 hp (0.45 kW) – 5/8”-11 Threaded Spindle – Heavy Duty Head												
12L2251-80•		9,000	5” Sanding/Polishing Disc	C	3.2	1.5	9.3	236	3.9	99	5/8-11”	1/4”
12-27 Series – 0.9 hp (0.67 kW) - 5/8” – 11 Threaded Spindle – Heavy Duty Head												
12L2752-80		11,000	4” Sanding/Polishing Disc	C	3.4	1.5	9.8	249	3.9	99	5/8”-11”	1/4”
12L2751-80		9,000	5” Sanding/Polishing Disc	C	3.4	1.5	9.8	249	3.9	99	5/8”-11”	1/4”
12L2750-80		6,000	7” Sanding/Polishing Disc	C	3.4	1.5	9.8	249	3.9	99	5/8”-11”	1/4”
12L2762-80•		4,500**	7” Sanding/Polishing Disc	C	3.3	1.5	10.5	267	3.9	99	5/8”-11”	1/4”
12L2761-80•		6,000**	7” Sanding/Polishing Disc	C	3.3	1.5	10.5	267	3.9	99	5/8”-11”	1/4”
12L2760-80•		3,300**	7” Sanding/Polishing Disc	C	3.3	1.5	10.5	267	3.9	99	5/8”-11”	1/4”
10-27 Series – 0.9 hp (0.67 kW) - 5/8” – 11 Threaded Spindle – Heavy Duty Head												
10L2751-80		9,000	5” Sanding/Polishing Disc	A	3.1	1.4	8.5	216	3.9	99	5/8”-11”	1/4”
10L2750-80		6,000	7” Sanding/Polishing Disc	A	3.1	1.4	8.5	216	3.9	99	5/8”-11”	1/4”

Housing Guide: A=Aluminum, C=Composite, S=Steel
* Over spindle
**Governor controlled speeds
• Oilless blades

General:
All tools performance rated @ 90psi (620 kPa) air pressure.
Minimum Hose I.D.– 12-12, 10-12, 12-13 Series: 1/4” (4.8mm)
12-22, 12-27, 10-27, Series: 5/16” (7.9mm)
12-42 Series: 1/2” (12.7mm)

Standard Equipment:
Applicable collet, collet wrenches
12-13 tools also include grease gun and gear lube

Extra Equipment:
Collets: See page 26
Overhose (rear exhaust): See page 63


12-22

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

DOTCO®

12,000 – 20,000 RPM

0.3 – 0.5 hp (0.22 – 0.38 kW)

- Grind, debur, strap polish, blend
- Choice of geared or gearless
- Ergonomic housing reduces cold air transmission to operator
- 12-23 model accepts interchangeable arms







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Belt Sanders
For Woven & Non-Woven Sanding Belts

COOPER PowerTools

Model Number		Free Speed	Belt Capacity	Type Housing	Contact Arm	Weight		Length		Air Inlet Size
Front Exhaust	Rear Exhaust	rpm				lbs.	kgs.	in.	mm	
12-12* Series – 0.3 hp (0.22 kW) – Sanding Belt										
	12L1281-36B2	20,000	1/2”W x 12”L Sanding Belt	C	Straight	1.4	0.6	11.3	287	1/4”
	12L1280-36B2	12,000	1/2”W x 12”L Sanding Belt	C	Straight	1.4	0.6	11.3	287	1/4”
12-13* Series – 0.3 hp (0.22 kW) – Gearless – Sanding Belt										
	12L1382-36B2•	20,000	1/2”W x 12”L Sanding Belt	C	Straight	1.4	0.6	11.3	287	1/4”
	12L1382-36B4•	20,000	1”W x 12”L Sanding Belt	C	Straight	1.7	0.8	11.3	287	1/4”
12-23 Series - 0.5 hp (0.38 kW) – Gearless – Woven or Non-Woven Belt										
12L2384-B1		20,000	5/8”or 3/4”W x 18”L Belt	C	Straight	2.5	1.1	15.0	381	1/4”
12L2384-K1 (Kit)		20,000	(See details below)	C	Straight/Offset	2.5	1.1	15.0	381	1/4”

Housing Guide: A=Aluminum, C=Composite, S=Steel

• Oilless blades

General:

All tools performance rated @ 90psi (620 kPa) air pressure.

Minimum Hose I.D. 1/4” (6.4mm)

Standard Equipment:

12-12, 12-13 series: No.80 and No.120 grit sanding belt or one medium grit non-woven belt, applicable wrenches, grease gun, gear lube

12-23 series: Tool and contact arm, adjustment wrench.

Extra Equipment:

For lock-off safety lever, substitute “S” for “L” in model number.

Overhose (rear exhaust): See pg. 63

Attachments: See pg. 40

Optional Equipment:

See pg. 38 for additional belts.

***Optional Terminations for 12-12 & 12-13 Series (All models may not be available):**

-32Bx 1/4”-28 Internal Thread; -36Bx 1/4” collet

Dotco 12L2384-K1 Kit

When you order the Dotco 12L2384-K1 kit you get the tool and all three interchangeable arms, belts and wrenches. You’ll be ready for just about any finishing project using the Dotco 12L2384-K1 kit.



Kit includes the following:

Tool with 3/4” wide straight arm (1)

Additional Arms (2)
- 1 – 1/2” wide straight arm
- 1 – offset arm

1/4” x 18” Aluminum Oxide Belts (3)
- 1 – 60 grit
- 1 – 80 grit
- 1 – 120 grit

1/2” x 18” Aluminum Oxide Belts (3)
- 1 – 60 grit
- 1 – 80 grit
- 1 – 120 grit

3/4” x 18” Aluminum Oxide Belts (2)
- 1 – 60 grit
- 1 – 80 grit

3/4” x 18” Non-Woven Belt (1)
- Medium

Wrenches & Misc. Items
- 1 – 3/4” open end wrench
- 1 – 9/16” open end wrench
- 1 – 9/64” hex wrench
- 1 – 3/16” hex wrench
- 1 – 1/4” collet
- 1 – collet cap
- 1 – chuck body

Carrying Case w/Foam Inserts (1)

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Buffers/Polishers

For Wire Brushes, Buffing Wheels and Abrasive Sheets

DOTCO®

2,200 – 6,200 RPM

0.3 – 1.7 hp (0.22 – 1.27 kW)

- Many models to choose from to meet your application needs
- Front, side, and rear exhaust







⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Buffers/Polishers

For Wire Brushes, Buffing Wheels and Abrasive Sheets

COOPER Power Tools

Model Number			Free Speed	Capacity		Type Housing	Weight		Length		Height**		Collet/ Spindle Size	Air Inlet Size
Front Exhaust	Side Exhaust	Rear Exhaust	rpm	Wire Brush	Buffing Wheel		lbs.	kgs	in.	mm	in.	mm		
12-10 Series – 0.3 hp (.22 kW) – 200 Series Collet														
		12L1093-01	5,000	3”	3”	C	1.6	0.7	7.2	183			1/4”	1/4”
		12L1092-01	3,200	3”	3”	C	1.6	0.7	7.2	183			1/4”	1/4”
12- 25 Series – 0.9 hp (.67 kW) – 200 Series Collet														
		12L2594-01	6,200	4”	6”	C	2.1	0.9	9.3	236			1/4”	1/4”
		12L2593-01	4,700	4”	6”	C	2.1	0.9	9.3	236			1/4”	1/4”
		12L2592-01	3,200	4”	6”	C	2.1	0.9	9.3	236			1/4”	1/4”
12-27 & 10-27 Series – 0.9 hp (.67 kW) – 5/8”-11 Threaded Spindle														
12L2762-80•			4,500*	4”	6”	C	3.3	1.5	10.5	267	3.9	98	5/8”-11	1/4”
12L2760-80•			3,300*	4”	6”	C	3.3	1.5	10.5	267	3.9	98	5/8”-11	1/4”
10L2760-80			3,300*	4”	6”	A	3.9	1.8	9.3	236	3.9	98	5/8”-11	1/4”
12-42 Series – 1.7 hp (1.27 kW) - 5/8”-11 External Threaded Spindle														
		12L4203-80•	3,400	4”	8”	C	6.4	2.9	13.6	346	3.9	98	5/8”-11	1/2”

Housing Guide: A=Aluminum, C=Composite, S=Steel
*Governor controlled speeds
**Over spindle
•Oilless blades

General:
All tools performance rated @ 90psi (620 kPa) air pressure.
Minimum Hose I.D.– 12-10 Series: 1/4” (6.4mm)
12-25, 12-27, 10-27, Series: 5/16” (7.9mm)
12-42 Series: 1/2” (12.7mm)

Standard Equipment:
12-10, 12-25: Applicable collet, collet wrenches
10-27, 12-27: Spindle wrench
12-42: Nut, washer, spacer and wrenches.

Extra Equipment:
Collets: See page 26
Overhose (rear exhaust): See page 62
Dead Handle: (12-10 models) 6188
Dead Handle: (12-25 Models) 8088



12-42

WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Sander Accessories

Low Profile Backup Pads for Random Orbital Sanders

A thinner, harder pad generally recommended for aggressive sanding and leveling of flat surfaces.

Diameter	Thickness	PSA Pads		Hook & Loop Pads	
		Non-Vacuum	Vacuum	Non-Vacuum	Vacuum
3 1/2”	3/8”	543025	543025	543026	543026
5”	3/8”	543017	543018	543019	543020
6”	3/8”	543021	543022	543023	543024



543025



543017



543024

Tapered Edge Backup Pads for Random Orbital Sanders

A thicker, softer pad generally recommended for contour sanding and feather edging.

Diameter	Thickness	PSA Pads
		Non-Vacuum
5”	3/4”	543041
6”	3/4”	543042

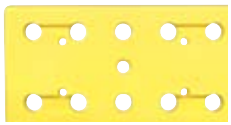


543042

Backup Pads for Orbital Sanders

PSA adhesion to tool eliminates the need for any tools when changing pads. Pad remains flat throughout full orbit at any speed.

Diameter	Thickness	PSA Pads		Hook & Loop Pads	
		Non-Vacuum	Vacuum	Non-Vacuum	Vacuum
3-2/3”x7”	3/8”	543011	–	–	543014



543014

Belt Sander Attachments

Dotco 12-12 and 12-13 series.

300 Series Collet	1/4”-28 Int. Thread	Sanding Belt Size		Sanding Area	
-36 Termination	-32 Termination	in.	mm	in.	mm
Non-Woven Attachments (used with 12,000 rpm 12-12 series)					
14-1715	–	1/2” x 18”	13 x 457	1/2” x 6”	13 x 152
Coated Abrasive Attachments (used with 12,000 rpm 12-12 series; 20,000 rpm 12-12 & 12-13 series)					
14-1639	14-1638	1/4” x 12”	6.4 x 305	1/4” x 4”	6.4 x 102
14-1316	14-1301	1/2” x 12”	13 x 305	1/2” x 4”	13 x 102
14-1473	14-1463	1” x 12”	25 x 305	1” x 4”	25 x 102
14-1319	14-1318	1/2” x 24”	13 x 610	1/2” x 10”	13 x 254
14-1613	14-1603	1” x 24”	25 x 610	1” x 10”	25 x 254



Sanding Belts – Aluminum Oxide, Resin Bond

For use with Dotco belt sanders. Minimum order: 10 of any one belt.

Grit Size	Belt Number							
	1/4” x 12	1/2” x 12	1” x 12	1/2” x 24	1” x 24	1/4” x 18	1/2” x 18	3/4” x 18
40		14-1344						
50		14-1345						
60	14-1590	14-1346	14-1582	14-1366	14-1642	14-2320	14-2316	14-2326
80	14-1591	14-1348	14-1583	14-1368		14-2321	14-2317	14-2323
100		14-1350						
120	14-1593	14-1352	14-1585	14-1372		14-2322	14-2318	
150		14-1355						
180	14-1596	14-1358	14-1588	14-1378	14-1648			
240		14-1360						
320		14-1362						

Sanding Belts – Non-woven

Minimum order: 10 of any one belt.

Grit Size	Part Number	
	1/4” x 18	3/4” x 18
Extra Fine	14-1728	
Fine	14-1729	
Medium	14-1730	14-2327
Coarse	14-1731	



⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Spiralcool™ Backing Pads

For Dotco sanders with 5/8"-11 threaded spindles. Pad contour develops draft action to cool disc and avoid excessive pick-up.

Flexibility	Part Number – Pad Diameter (Max. rated RPM)				
	4" 12,000 rpm	4 1/2" 11,000 rpm	5" 10,000 rpm	7" 7,000 rpm	9" 6,000 rpm
Flexible	14-2197	14-2255	14-2115	14-2529	14-2202
Medium	14-2198	14-2256	14-2116	14-2200	14-2203
Rigid	14-2199	14-2257	14-2117	14-2201	

Save-A-Disc Pads

For Dotco sanders with 5/8"-11 threaded spindles. Ribs on the backing plate cause a flexing action which throws off accumulation.


14-2517

Diameter	Part Number				
	Max. rpm	Assembly	Pad Only	Plate Only	Nut Only
5"	7,500	14-2515	14-2521	14-2522	14-2525
7"	7,500	14-2517	14-2521	14-2523	14-2525
9"	7,500	14-2519	14-2521		14-2525

PSA Disc Holders

Collet Chuck:

Chuck the PSA disc holder shank directly into the appropriate collet (1/8" or 1/4").


14-1112

Threaded Spindle:

Remove the threaded shank from the PSA disc holder. Referring to the spindle adapter chart, select the correct spindle and thread it into the PSA holder.

Part Number	Disc Holder Diameter	Shank Assembly	PSA Disc Holder Thread
14-1146	1/2"	1/8"	5-40 Female
14-1105	1/2"	1/4"	5-40 Female
14-1147	3/4"	1/8"	5-40 Female
14-1107	3/4"	1/4"	5-40 Female
14-1170	1"	1/8"	5-40 Female
14-1110	1"	1/4"	5-40 Female
14-1111	1-1/2"	1/4"	1/4"-20 Female
14-1112	2"	1/4"	1/4"-20 Female
14-1113	3"	1/4"	1/4"-20 Female
14-1114	4"	1/4"	1/4"-20 Female

Sanding Pad Nut



For use with Dotco sanders with 5/8"-11threaded spindles.

Part Number	Tool Series
14-2118	5/8"-11 threaded spindle

Spanner Wrench



For use with 14-2118 Sanding Nut Pad.

Part Number	Tool Series
14-2319	5/8"-11 threaded spindle



Sanding Disc Cutter

An adjustment scale allows a 9" maximum diameter sanding disc to be cut down to 3" or 4" diameter. The double bevel cutting edge assures a round cut without a loose edge or raveling.

Part Number	Description
14-2535	Disc Cutter
Replacement Blades	
14-2590	Upper
14-2591	Lower

Mini Chucks


14-1104

For use with Dotco 12-12 series. To adapt right angle threaded spindle sanders for drilling, disc sanding with PSA holders, and light grinding.

Shank Size	Part Number	
	Assembly	Collet
1/8"	14-1102*	14-0158**
1/4"	14-1104*	14-0168***
6 mm	14-1094	14-0170***

* NOTE: For 1/4"-28 internal thread
** NOTE: For 5/16"-24 internal thread – 1/8" collet
*** NOTE: For 3/8"-24 internal thread – 1/4" collet

Spindle Adapters


14-1144

For use with PSA Disc holders.

Part Number	Adapter Description		
	Thread (for Tool Spindle)	Thread (for PSA Disc Holder)	Max. Disc Dia.
14-1142	1/4"-28 Male	5 -40 Male	1"
14-1144	1/4"-28 Male	1/4"-20 Male	4"
14-2903	5/8"-11 Male	5/16"-24 Male	4"
14-1212	5/8"-11 Male	1/4"-20 Male	4"
14-1211	5/8"-11 Female	3/8"-24 Male	4"

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Drills Introduction

DOTCO®

Dotco® drills are used daily in applications ranging from aerospace to oil fields and refineries. Three styles are available - pistol grip, straight handle, and right angle models. Drills in this section range from 0.3 – 1.5HP. Plus, dead handles are available for several models.



Parts interchangeability

Maintenance of tools can be time consuming and expensive. That is why our products have been designed with high parts interchangeability. With fewer parts required to repair our tools, less inventory of parts is required and tools are easier to repair.

Precision parts

It's simple, precision parts let operators manufacture precision products. Whether it is a spindle, a chuck, a motor or an angle head, our parts are manufactured from the finest materials available and are machined to the highest tolerances. It is understandable why we are proud of the .0005" runout on our collet model tools.



Extraordinary new drills, inspired by an extraordinary device. The human hand.

The familiar gray Dotco drill has long been the industry workhorse for the high-volume, high-repetition, high-precision demands of today's assembly line.

The new Dotco drills have been dramatically redesigned ergonomically to deliver increased comfort and productivity, while assuring decreased operator fatigue, potential for injury and downtime on the line.

And we not only changed the way Dotco drills *look.* We also changed the way they *perform.*



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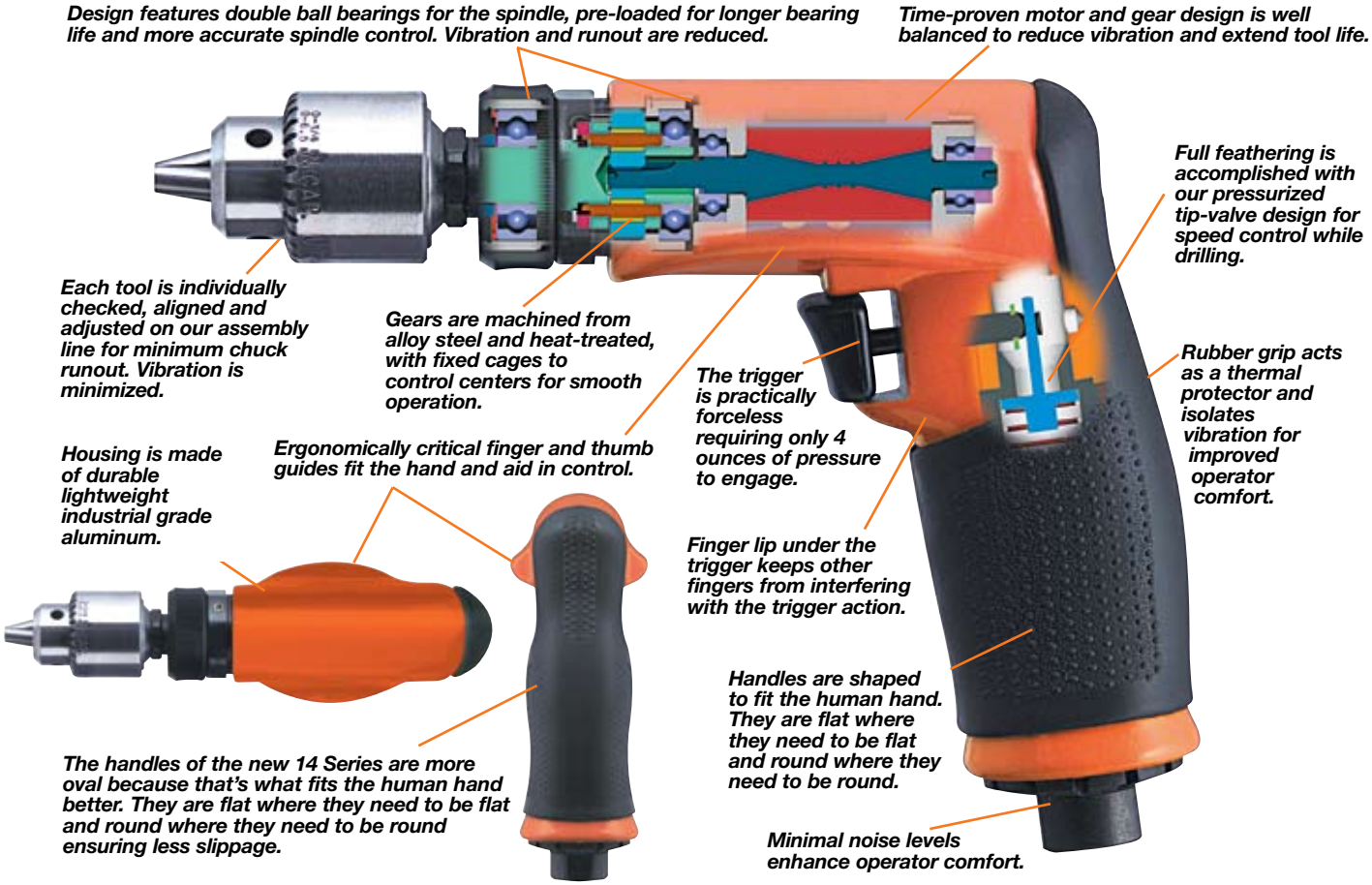
The miracle of technology and human engineering

Technology has allowed us to make these extraordinary improvements. Rapid prototypes are now available through our proprietary design-engineering platform, so we can do modeling in real time and put prototypes in the hands of operators to get immediate feedback on ergonomic and performance criteria.

The handles of the new 14 Series are more oval, for example, because that's what fits the human hand better and ensures less slippage. Our human engineering research also led to the addition of a new rubber grip for better temperature control, because compressed air exhaust in a metal housing makes the tool cold to the hand and reduces speed and efficiency.

Moreover, the ideal is to have the line of action straight down the barrel so that the operator is pushing forward on the tool with the greatest control, the greatest in-line force, the least angular force and the least fatigue to the wrist. That's why we designed the new drills with ergonomically-critical finger and thumb guides. That's also why we added a finger lip under the trigger, which keeps the other fingers from interfering with the trigger action.

The trigger, by the way, is practically forceless. It requires only 4 ounces of pressure to engage the trigger. And the trigger mechanism is designed with a pressurized tip-valve, so that once you overcome the initial resistance, you're off to the races.



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Inline, Right Angle & Pistol Grip Drills

DOTCO®

500 – 28,500 RPM
0.3 – 0.4 hp (0.22 – 0.30 kW)

- Wide selection of tools to match your application
- Rear exhaust
- Select geared models available



DOTCO®

330 – 29,000 RPM
0.4 – 0.9 hp (0.30 – 0.67 kW)

- Non-reversible
- Ergonomically critical finger and thumb guides fit the hand to aid in control
- Excellent for aerospace, metal fab and woodworking



⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Model Number	Free Speed rpm	Drill Diameter Capacity	Type Housing	Weight lbs.	Weight kgs	Length in.	Length mm	Head Ht. in.	Head Ht. mm	Chuck Size	Air Inlet Size
Inline 15LF Series – 0.4 hp (0.30 kW)											
15LF081-38+	5,300	1/4”	C	1.4	0.6	8.0	203	-	-	1/4”	1/4”
15LF082-38+	4,000	1/4”	C	1.4	0.6	8.0	203	-	-	1/4”	1/4”
15LF083-38+	3,300	1/4”	C	1.4	0.6	8.0	203	-	-	1/4”	1/4”
15LF087-38+	600	1/4”	C	2.0	0.9	9.3	236	-	-	1/4”	1/4”
Right Angle 15-14 Series – 0.3 hp (0.22 kW)											
15L1489-38	3,600*	1/4”	C	1.5	0.7	8.0	203	3.0	76	1/4”	1/4”
15L1488-38	2,400*	1/4”	C	1.5	0.7	8.0	203	3.0	76	1/4”	1/4”

Housing Guide: A=Aluminum, C=Composite, S=Steel
* Planetary geared
\+ Model available without chuck. Replace -38 with -40.

General:
All Tools performance rated @ 90psi (620 kPa) air pressure.
Minimum Hose I.D.– 15LF, 15-14 Series: 1/4” (6.4mm)
15-29 Series: 5/16” (7.9mm)

Standard Equipment:
Jacobs geared chuck, chuck key, dead handle (all inline models with chuck size greater than 1/4”).

Extra Equipment:
Overhose (rear exhaust): See page 63
Dead Handle: 539602

Model Number		Free Speed	Drill Diameter Capacity	Weight**		Length**		Geared Chuck Size	Air Inlet Size
With Chuck	Without Chuck	rpm		lbs.	kgs	in.	mm		
14CF Series – 0.4 hp (0.30 kW) – Non-reversible									
14CFS90-38		29,000	1/4”	1.5	0.68	5.7	145	3/8”	1/4”
14CFS91-38		5,200	1/4”	1.5	0.68	5.7	145	3/8”	1/4”
14CFS92-38		3,800	1/4”	1.5	0.68	5.7	145	3/8”	1/4”
14CFS93-38		3,200	1/4”	1.5	0.68	5.7	145	3/8”	1/4”
14CFS94-38		2,400	1/4”	1.6	0.72	5.7	145	3/8”	1/4”
14CFS95-38		1,000	1/4”	1.8	0.82	6.9	175	3/8”	1/4”
14CFS96-38		700	1/4”	1.8	0.82	6.9	175	3/8”	1/4”
14CFS97-38		600	1/4”	1.8	0.82	6.9	175	3/8”	1/4”
14CS Series – 0.6 hp (0.45 kW) – Non-reversible									
14CSL90-38	14CSL90-40	20,000	1/4”	2.1	0.95	6.3	160	1/4”	1/4”
14CSL98-38	14CSL98-40	6,000	1/4”	2.1	0.95	6.3	160	1/4”	1/4”
14CSL91-38	14CSL91-40	5,200	1/4”	2.1	0.95	6.3	160	1/4”	1/4”
14CSL92-38	14CSL92-40	3,200	1/4”	2.1	0.95	6.3	160	1/4”	1/4”
14CSL95-51	14CSL95-40	1,300	3/8”	2.9	1.31	8.1	205	3/8”	1/4”
14CSL97-51	14CSL97-40	500	3/8”	2.9	1.31	8.1	205	3/8”	1/4”
14CN Series – 0.9 hp (0.67 kW) – Non-reversible									
14CNL90-38	14CNL90-40	20,000	1/4”	2.2	1.00	6.8	173	1/4”	1/4”
14CNL98-38	14CNL98-40	6,000	1/4”	2.2	1.00	6.8	173	1/4”	1/4”
14CNL91-51	14CNL91-40	5,200	3/8”	2.4	1.08	7.2	183	3/8”	1/4”
14CNL92-51	14CNL92-40	3,200	3/8”	2.4	1.08	7.2	183	3/8”	1/4”
14CNL95-51	14CNL95-40	1,300	3/8”	2.8	1.27	8.6	218	3/8”	1/4”
14CNL97-53	14CNL97-40	500	1/2”	3.5	1.59	9.1	231	1/2”	1/4”

General:
See page 41 for additional features and benefits.
Air Inlet: 1/4” NPT – Use 5/16” (7.9mm) I.D. hose.
All Tools performance rated @ 90psi (620 kPa) air pressure.

Standard Equipment:
14CF: Jacobs geared chuck, chuck key
14CS, 14CN: Jacobs geared chuck, chuck key,
dead handle (All models with a chuck opening greater than 1/2”)

Extra Equipment:
Overhose: See pg. 63

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Pistol Grip & Variable Speed Drills

DOTCO®

3,200 – 6,000 RPM
1.4 hp (1.04 kW)

- Trigger Start
- Non reversible
- Rear exhaust



14CHL92-40

Cleco®

160 – 1400 rpm
1.0 HP (0.75 kW)

- Trigger Start
- Non-reversible

15DP-14B-49



15DP-8B-53

Cleco®

600 – 2600 rpm
0.7 HP (0.5 kW)

- Sand cast handle
- Hardened steel back cap
- Governed speed control
- Variable speed
- Calibrated speed control
- Non-reversible



135 DPV-7B-43

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Pistol Grip & Variable Speed Drills

Model	Termination	RPM	Weight		Length		Air Inlet
			Lbs	kg	In	mm	
14CHL92-40	3/8”-24 External Threads	3,200	2.37	1.08	5.50	140	3/8”
14CHL92-38	1/4” Jacobs Chuck	3,200	2.63	1.20	6.53	166	3/8”
14CHL92-51	3/8” Jacobs Chuck	3,200	2.83	1.29	7.05	179	3/8”
14CHL92-53	1/2” Jacobs Chuck	3,200	3.79	1.72	7.44	189	3/8”
14CHL98-40	3/8”-24 External Threads	6,000	2.37	1.08	5.50	140	3/8”
14CHL98-38	1/4” Jacobs Chuck	6,000	2.63	1.20	6.53	166	3/8”
14CHL98-51	3/8” Jacobs Chuck	6,000	2.83	1.29	7.05	179	3/8”
14CHL98-53	1/2” Jacobs Chuck	6,000	3.79	1.72	7.44	189	3/8”

General: All tools performance rated @ 90 PSI (620 kPa) air pressure. All tools rated at 86 dBA. All models with chuck opening greater than ½” have side handle standard.

Model Number	Free Speed	Stall Torque		Chuck Capacity*		Length		Weight	
	rpm	ft. lbs.	Nm	in.	mm	in.	mm	lbs.	kg
1.0 hp (0.67 kW) – Non-reversible									
15DP-1.6B-53	160	160†	217†	1/2	13	9 3/4	248	6	2.7
15DP-4B-53	400	44†	60.0†	1/2	13	8 1/2	216	5 1/2	2.5
15DP-8B-53	800	22	30.0	1/2	13	8 1/2	216	5 1/2	2.5
15DP-14B-49	1400	14	19.0	3/8	10	8 1/4	210	4 1/2	2.0

General:
Air Inlet: 3/8” NPTF
Minimum Hose Size: 3/8”
Spindle Thread: 1/2”-20
Spindle Offset: Pistol Grip: 31/32”

Standard Equipment:
Operating instructions and service manual
Dead handles on all models except 15DP-14B
3-Jaw Chuck and Key

***Capacity CAUTION NOTE:**
Pistol Grip 15 Series Drills must be equipped with support handle (881580) when used with chucks larger than 3/8” capacity.
†Theoretical stall torque based on gear reduction. These tools are intended for slow speed applications and not high torque applications. High maintenance should be expected if tools are operated in their upper torque range.

CAUTION:
High reaction torque may be experienced with any drill at break-through. Caution must be exercised when using any cutting tool because of the possibility of the cutting tool bending or breaking. Cutting tool maximum speed rating must equal or exceed speed of tool. Eye protection must be worn while operating power tools.

Model Number	Speed (rpm)		Chuck Capacity*		Length		Weight	
	Free	Governed	in.	mm	in.	mm	lbs.	kg
0.7 hp (0.5 kW) – Variable Speed								
135DPV-7B-43	600	150 - 550	3/8	10	9 5/8	244	3 5/8	1.6
135DPV-7B-50	600	150 - 550	1/2	13	9 5/8	244	3 5/8	1.6
135DPV-14B-50	1250	400 - 1200	1/2	13	9 1/4	235	3 3/8	1.5
135DPV-14B-51	1250	400 - 1200	3/8	10	9 1/4	235	3 3/8	1.5
135DPV-28B-51	2600	700 - 2400	3/8	10	8 1/2	216	3 1/8	1.4

General:
Air Inlet: 1/4” NPT
Minimum Hose Size: 1/4” (6mm)
Spindle Offset: 25/32” (20mm)
Tool performance rated at 90 psi (620kPa) air pressure.

Standard Equipment:
Operating instructions and service manual
3-Jaw Chuck and Key

*** Capacity CAUTION NOTE:**
135DPV Drills must be equipped with support handle (861006) if 1/2” (13mm) capacity chuck is specified.

CAUTION:
High reaction torque may be experienced with any drill at breakthrough. Caution must be exercised when using any cutting tool because of the possibility of the cutting tool bending or breaking. Cutting tool maximum speed rating must equal or exceed speed of tool. Eye protection must be worn while operating power tools.

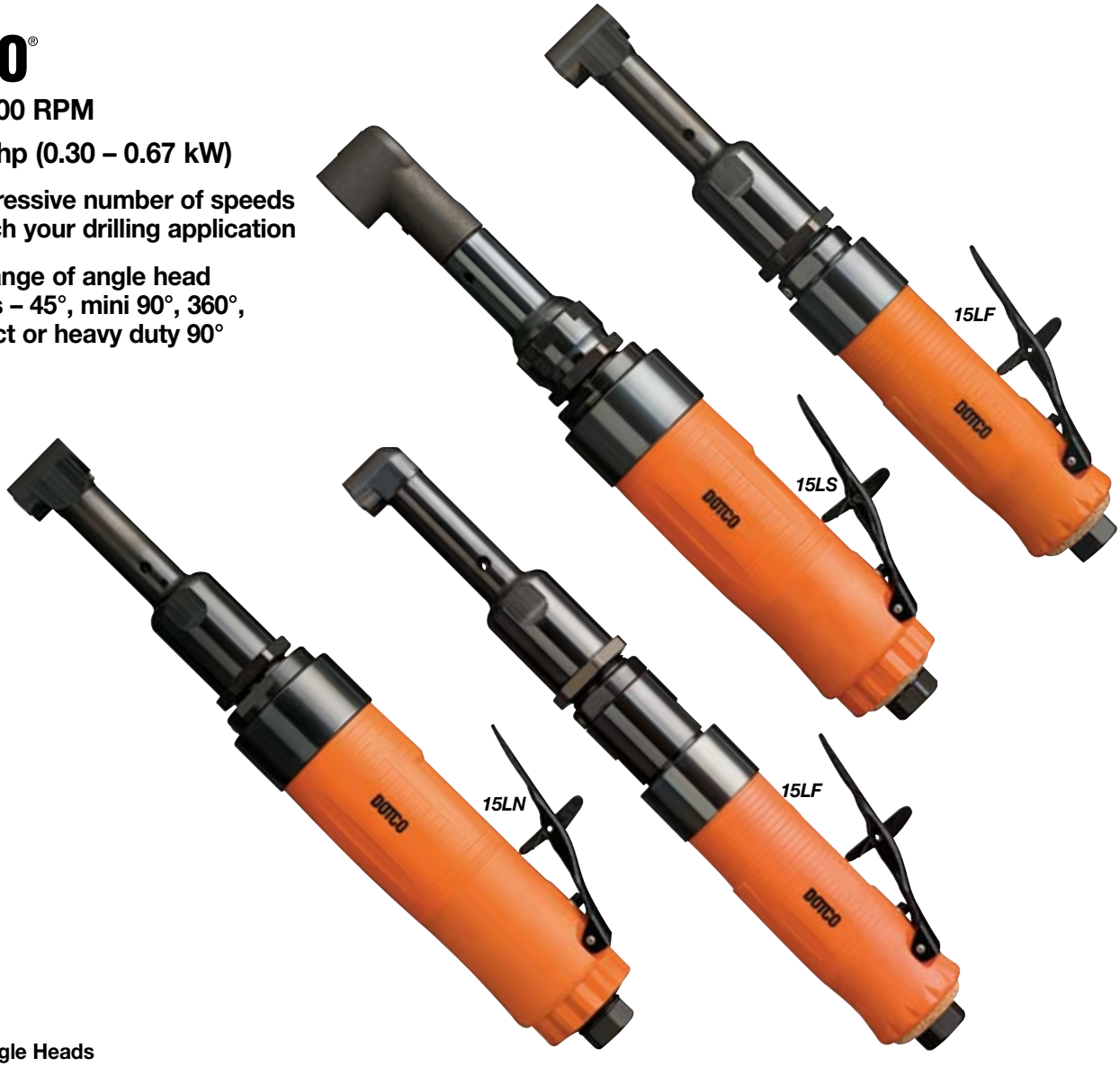
Right Angle Drills

DOTCO®

320 – 5,600 RPM

0.4 – 0.9 hp (0.30 – 0.67 kW)

- **An impressive number of speeds to match your drilling application**
- **Wide range of angle head designs – 45°, mini 90°, 360°, compact or heavy duty 90°**



Optional Angle Heads

(NOTE: All models not available with all angle heads.)

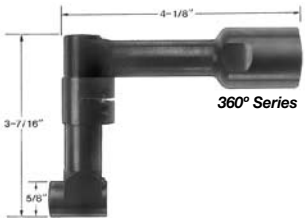
Termination	Spindle Thread
600 Series Mini Angle Head	
-61	#10-32 Internal
-62	1/4”-28 Internal
-63	9/32”-40 Internal
-64	5/16”-24 Internal



Termination	Spindle Thread
700 Series Compact Angle Head	
-72	1/4”-28 Internal
-73	9/32”-40 Internal
-74	5/16”-24 Internal



Termination	Spindle Thread
360 Degree Mini Angle Head	
-91	#10-32 Internal
-92	1/4”-28 Internal

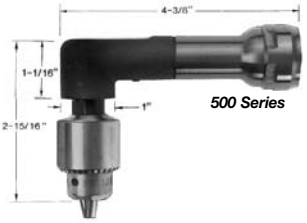


Termination	Spindle Thread
45 Degree Mini Angle Head	
-42	1/4”-28 Internal
-43	9/32”-40 Internal
-44	5/16”-24 Internal



Termination	Spindle Thread
500 Series Heavy Duty Angle Head	
-52	1/4”-28 Internal
-53	9/32”-40 Internal
-54	5/16”-24 Internal
-55	3/8”-24 Internal
-59	1/4” Cap. 3 jaw chuck
-59NC	3/8”-24 Male Thread





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Model Number	Free Speed	Drill Diameter Capacity	Type Housing	Weight		Length		Spindle Size	Air Inlet Size
	rpm			lbs.	kg	in.	mm		
Light Duty Head – 15LF Series – 0.4 hp (0.30 kW) – Rear Exhaust									
15LF281-62	5,300	1/4”	C	1.6	0.75	10.7	272	1/4”-28*	1/4”
15LF282-62	4,000	1/4”	C	1.6	0.75	10.7	272	1/4”-28*	1/4”
15LF283-62	3,300	1/4”	C	1.6	0.75	10.7	272	1/4”-28*	1/4”
15LF284-62	2,400	1/4”	C	1.8	0.85	11.1	282	1/4”-28*	1/4”
15LF285-62	1,000	1/4”	C	1.9	0.85	11.8	300	1/4”-28*	1/4”
15LF286-62	750	1/4”	C	1.9	0.85	11.8	300	1/4”-28*	1/4”
15LF287-62	600	1/4”	C	1.9	0.85	11.8	300	1/4”-28*	1/4”
Light Duty Head – 15LS Series – 0.6 hp (0.45 kW) – Rear Exhaust									
15LS281-62	5,430	1/4”	C	2.3	1.05	11.5	292	1/4”-28*	1/4”
15LS282-62	3,370	1/4”	C	2.3	1.05	11.5	292	1/4”-28*	1/4”
15LS283-62	2,010	1/4”	C	2.3	1.05	11.5	292	1/4”-28*	1/4”
15LS284-62	1,660	1/4”	C	1.8	0.85	12.4	315	1/4”-28*	1/4”
15LS285-62	1,360	1/4”	C	1.9	0.85	12.7	323	1/4”-28*	1/4”
15LS286-62	840	1/4”	C	1.9	0.85	12.7	323	1/4”-28*	1/4”
15LS287-62	500	1/4”	C	1.9	0.85	12.7	323	1/4”-28*	1/4”
Light Duty Head – 15LN Series – 0.9 hp (0.67 kW) – Rear Exhaust									
15LN288-62	5,600	1/4”	C	2.5	1.15	12.0	305	1/4”-28*	1/4”
15LN281-62	5,000	1/4”	C	2.5	1.15	12.0	305	1/4”-28*	1/4”
15LN282-62	3,100	1/4”	C	2.5	1.15	12.0	305	1/4”-28*	1/4”
15LN284-62	1,530	1/4”	C	2.5	1.15	12.0	305	1/4”-28*	1/4”
Heavy Duty Head – 15LF Series – 0.4 hp (0.30 kW) – Rear Exhaust									
15LF281-52	3,700	1/4”	C	1.7	0.75	11.0	280	1/4”-28*	1/4”
15LF282-52	2,800	1/4”	C	1.7	0.75	11.0	280	1/4”-28*	1/4”
15LF283-52	2,300	1/4”	C	1.7	0.75	11.0	280	1/4”-28*	1/4”
15LF285-52	700	1/4”	C	2.0	0.95	12.0	305	1/4”-28*	1/4”
15LF286-52	525	1/4”	C	2.0	0.95	12.0	305	1/4”-28*	1/4”
15LF287-52	420	1/4”	C	2.0	0.95	12.0	305	1/4”-28*	1/4”
Heavy Duty Head – 15LS Series – 0.6 hp (0.45 kW) – Rear Exhaust									
15LS281-52	3,800	1/4”	C	2.4	1.05	11.0	297	1/4”-28*	1/4”
15LS282-52	2,360	1/4”	C	2.4	1.05	11.0	297	1/4”-28*	1/4”
15LS283-52	1,410	1/4”	C	2.4	1.05	11.0	297	1/4”-28*	1/4”
15LS287-52	350	1/4”	C	2.8	1.25	12.3	330	1/4”-28*	1/4”
Heavy Duty Head – 15LN Series – 0.9 hp (0.67 kW) – Rear Exhaust									
15LN288-52	3,900	1/4”	C	2.6	1.15	11.5	310	1/4”-28*	1/4”
15LN281-52	3,500	1/4”	C	2.6	1.15	11.5	310	1/4”-28*	1/4”
15LN282-52	2,170	1/4”	C	2.6	1.15	11.5	310	1/4”-28*	1/4”
15LN283-52	1,300	1/4”	C	2.6	1.15	11.5	310	1/4”-28*	1/4”
15LN284-52	1,070	1/4”	C	3.0	1.35	12.8	343	1/4”-28*	1/4”
15LN285-52	870	1/4”	C	3.0	1.35	12.8	343	1/4”-28*	1/4”
15LN286-52	540	1/4”	C	3.0	1.35	12.8	343	1/4”-28*	1/4”
15LN287-52	320	1/4”	C	3.0	1.35	12.8	343	1/4”-28*	1/4”

Housing Guide: A=Aluminum, C=Composite, S=Steel
* Internal Thread

General:

Minimum Hose I.D.– 15LF, 15LS, 15LN Series: 1/4” (6.4mm)

All Tools performance rated @ 90psi (620 kPa) air pressure.

Standard Equipment:

Light Duty Tools: 600 Series Mini Angle Head with 1/4”-28 internal thread
Heavy Duty Tools: 500 Series Heavy Duty Angle Head with 1/4”-28 internal thread

Extra Equipment:

For lock-off safety lever, substitute “S” for “L” in model number.
Overhose (rear exhaust): See page 63
Collets for 9/32”-40 terminations: See page 48

Optional Chuck Terminations:

NOTE: The Light Duty model numbers shown in the above table are equipped with the 600 series (-62) angle head with 1/4”-28 internal thread. The Heavy Duty model numbers are equipped with the 500 series (-52) angle head with 1/4”-28 internal thread. To order other angle head configurations, the proper termination code from the charts on page 49 must be specified, in place of the standard -62 or -52 termination, when ordering. All models not available with all angle heads.

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Drill Accessories

Mini Chucks

For use with DOTCO 12-12 series. To adapt right angle threaded spindle sanders for drilling, disc sanding with PSA holders, and light grinding.

Shank Size	Assembly	Collet
1/8”	14-1102*	14-0158**
1/4”	14-1104*	14-0168***
6 mm	14-1094	14-0170***

* NOTE: For 1/4”-28 internal thread
** NOTE: For 5/16”-24 internal thread – 1/8” collet
*** NOTE: For 3/8”-24 internal thread – 1/4” collet


14-1104

Cone Jaw Chuck

Part No.	Description
1020699	1/4” capacity with a 1/4”-28 male thread



Jacobs Chuckss

Part No.	Thread Size	Capacity	Description	Term.
1005078	3/8”-24	1/4”	1 BA	-38
1001505	3/8”-24	1/4” HD	7 BA	-42
1110945	3/8”-24	3/8”	Keyless (31073)	-56
863420	3/8”-24	3/8”	22 BA (lt.duty)	-47
1004422	3/8”-24	3/8”	2 BA (med.duty)	-43
1001252	3/8”-24	3/8”	41 BA (med.duty)	-51
1009726	3/8”-24	1/2”	33 BA	-53
1075	5/16”-24	5/32”	*OB	37


1001252

300 Series Collet Chuck

Use with Standard Collet: 1/4” (#308).
Termination Number: -36



Part Number	Description
14-1148	1/64”-1/4” capacity with a 5/16”-24 female thread

Quick-Change Chuck

Thread Size	Capacity	Part Number
3/8”-24	1/4” Hex	849414



Collet Chuck (1/4-28 Male Thread)

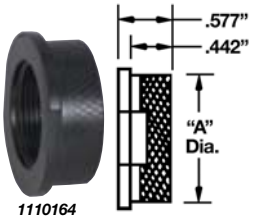
Drill Size	Part Number
3/16”	863810
1/4”	863806


863810

Quick Change Pressure Foot Adapter

For use on 1”-20 external thread tools.

Part Number	Diameter “A”
1110164	1.375/1.373
1110165	1.437/1.435
1110166	1.501/1.499
1110167	1.626/1.623



1110164

Vacuum Attachment

For use on Dotco pistol grip drills.

Part Number	Description
Small Handle Tools	
1025867	Shop Vac Shroud Only
Large Handle Tools	
1025867	Shop Vac Shroud Only
1025891	Shroud, Venturi Vacuum Attachment & Bag

Dead Handles

Drill Model	Part Number
8	861006
111	861006
135	861006
15	881580
136	861006


881580

Retrofit Kits

Retrofit your existing Dotco 15CFS and Buckeye 21D drills to the new Dotco 14CFS series.

Part No.	Retrofit Kit For
01-1401	Dotco 15CFS series
01-1402	Buckeye 21D series

Collets

For use on Dotco 15LF, 15LS & 15LN right angle drills with 9/32”-40 spindles.
(Termination codes: - 43, -53, -63, -73, & -93)


1005184

Part Number	Drill		
	Size	Dec.	mm
1005180	1/16	.0625	1.6
1005182	3/32	.0937	2.4
1005183	7/64	.1094	2.8
1005184	1/8	.125	3.2
1005185	9/64	.1406	3.6
1005186	5/32	.1562	4.0
1005187	11/64	.1719	4.4
1005188	3/16	.1875	4.8
1006408	53	.0595	1.5
1006412	51	.067	1.7
1005875	46	.081	2.1
1005684	40	.098	2.5
1006395	39	.0995	2.5

Part Number	Drill		
	Size	Dec.	mm
1005873	31	.120	3.0
1013904	30	.1285	3.3
1005872	27	.144	3.7
1006373	26	.147	3.7
1005926	22	.157	4.0
1005682	21	.159	4.0
1005876	20	.161	4.1
1006035	19	.166	4.2
1005977	17	.173	4.4
1005927	13	.185	4.7
1005871	12	.189	4.8
1006001	11	.191	4.9
1005681	10	.1935	4.9

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Optional Drill Attachments

For use on Dotco 15LF, 15LS, and 15LN series. Capacity: 1/4" Diameter Drill

These drill attachments can be ordered as a separate accessory item or as part of a complete model. To order as a complete model, use the basic model number from the appropriate 15LF, 15LS, or 15LN catalog page and replace the termination number (-32 for example) with the termination number of the desired optional attachment (-71 for example) from this page.

Part Number	Termination	Spindle Thread
Compact Angle Head – 700 Series		
1025477	-72	1/4"-28 Internal Thread
1025476	-73	9/32"-40 Internal Thread
1025668	-74	5/16"-24 Internal Thread
Mini Angle Head – 600 Series		
1025314	-61	#10-32 Internal Thread
1025409	-62	1/4"-28 Internal Thread
1025313	-63	9/32"-40 Internal Thread
1025328	-64	5/16"-24 Internal Thread
Heavy Duty Angle Head – 500 Series		
1021289	-52	1/4"-28 Internal Thread
1021292	-53	9/32"-40 Internal Thread
1021291	-54	5/16"-24 Internal Thread
1025780	-55	3/8"-24 Internal Thread
45° Angle Head		
1025730	-42	1/4"-28 Internal Thread
1025731	-43	9/32"-40 Internal Thread
1025733	-44	5/16"-24 Internal Thread
360° Angle Head		
1025696	-91	#10-32 Internal Thread
1025694	-92	1/4"-28 Internal Thread



1025447



1025409



1021289



1025730



1025694

Part No.	Termination	Drill Chuck
Heavy Duty Angle Head		
1021620	-59	500 Series Angle Head with drill chuck, 1/4" capacity
1021620	-59 NC	500 Series Angle Head, no chuck 3/8"-24 ext. thread



1021620

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

DOTCO®

9,000 – 34,000 RPM

0.3 – 1.7 hp (0.22 – 1.27 kW)

- All models oil free
- Patent pending governed design allows the tool to idle for long life but provides full power under load
- Roll valve gives easy, convenient operation

*Router guides not included.









⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

COOPER Power Tools

Model Number			Free Speed	Type Housing	Shank Diameter Capacity	Weight		Length		Air Inlet Size
Front Exhaust	Side Exhaust	Rear Exhaust	rpm			lbs.	kg	in.	mm	
12-10 Series – 0.3 hp (.22 kW)										
12L1001-36RT			34,000	C	1/4”	1.4	0.6	6.7	170	1/4”
12L1000-36RT			30,000	C	1/4”	1.4	0.6	6.7	170	1/4”
12-20 Series – 0.6 hp (.45 kW)										
12L2000-01RT		12L2080-01RT	25,000	C	1/4”	1.9	0.9	7.5	191	1/4”
12L2001-01RT•		12L2081-01RT•	20,000	C	1/4”	1.9	0.9	7.5	191	1/4”
12-25 Series – 0.9 hp (.67 kW)										
12L2500-01RT		12L2580-01RT	23,000	C	1/4”	2.6	1.2	7.1	180	1/4”
		12L2582-01RT•	18,000	C	1/4”	2.6	1.2	7.1	180	1/4”
		12L2580-0124RT	23,000	C	3/8”	2.6	1.2	7.1	180	1/4”
		12L2582-0124RT•	18,000	C	3/8”	2.6	1.2	7.1	180	1/4”
12-40 Series – 1.7 hp (1.27 kW)										
12L4018-01•			18,000	C	1/4”	4.2	1.9	11.3	287	1/2”
10-43 Series – 1.7 hp (1.27 kW) – Base Mount										
	10T4318-62•		18,000	A	3/8”	7.4	3.4	7.1	180	1/2”
	10T4316-62•		16,000	A	3/8”	7.4	3.4	7.1	180	1/2”
	10T4309-62•		9,000	A	3/8”	7.4	3.4	7.1	180	1/2”
11-43 Series* – 1.7 hp (1.27 kW) – Mountable Motor Unit										
	11T4318-62•		18,000	A	3/8”	5.5	2.5	7.1	180	1/2”

Housing Guide: A=Aluminum, C=Composite, S=Steel
*NOTE: The 11-43 series is the power unit of the 10-43 series.
• Oilless blades

General:
Minimum Hose I.D.– 12-10 Series: 1/4” (6.4mm)
12-20, 12-25 Series: 5/16” (7.9mm)
12-40,10-43, 11-43 Series: 1/2” (12.7mm)
All tools performance rated @ 90psi (620 kPa) air pressure.

Standard Equipment:
Collet, applicable wrenches

Extra Equipment:
Collets: See page 26
Overhose (rear exhaust): See page 63

Attachment Guides: See pg. 52

12-10



WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Router Accessories

Router Assemblies

For use with Dotco 12-10, 12-20 and 12-25 series.

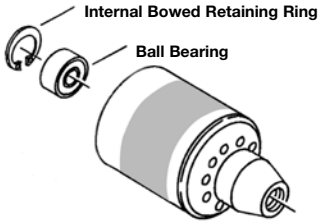
Tool Series	Cutter Shank Capacity	Part Number					
		Complete Attachment	Nose Housing	Bearing	Ring	Lock Nut	Router Housing
12-10	1/4”	14-2187	14-2176	14-0508	1098	14-2082	14-1180
12-20/12-25	1/4”	14-2180	14-2176	14-0508	1098	14-2082	14-2180
12-20/12-25	3/8”	14-2429	14-2426	14-0533	1068	14-2082	14-2180
12-12/12-22/12-27	1/4”	7197		14-0508	1098	N/A	N/A



14-2180

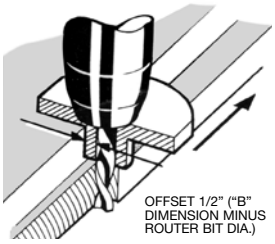
For use with Dotco 12-40 series.

Tool Series	Cutter Shank Capacity	Part Number		
		Nose Housing	Bearing	Retaining Ring
12-40	1/4”	4272	14-0508	1098
12-40	3/8”	4263	14-0533	1068



Router Guides

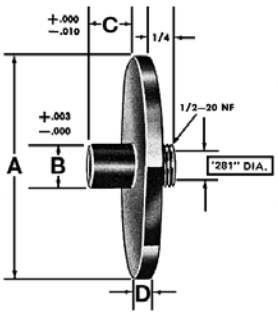
For use on Dotco 12-10, 12-20, 12-20, 12-25 and 12-40 series.

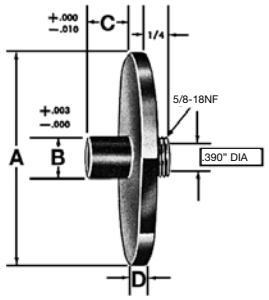


The minimum router bit length (OAL) to be used is determined by the formula: OAL = 1-13/16”+C+P (series 12-10); OAL = 2”+C+P (series 12-20 & 12-25). “C” is the “C” dimension of the router guide and “P” is the desired protrusion of the router bit.

Important: Insert bit into collet as far as possible, then pull out 1/16” and tighten collet.

In an emergency, if it is necessary to pull out the bit more than 1/4”, be sure to insert a short length of blank shank (not to exceed 5/8” long) in the bottom of the collet before inserting the bit.





Part Number	Dimensions (in.)			
	A	B	C	D
For Router Bits with 1/4” Shanks				
14-2703	3/4	3/8	1/2	1/8
14-2400	1	3/8	1/8	1/8
14-2401	1	3/8	1/4	1/8
14-2402	1	3/8	3/8	1/8
14-2406	1	7/16	1/8	1/8
14-2407	1	7/16	1/4	1/8
14-2408	1	7/16	3/8	1/8
14-2411	1	1/2	1/4	1/8
14-2412	1	1/2	1/2	1/8
14-2413	1	1/2	5/8	1/8
14-2414	1	1/2	3/4	1/8
14-2417	1	9/16	1/8	1/8
14-2420	1	5/8	1/8	1/8
14-2421	1	5/8	5/8	1/8
14-2500	1 1/2	3/8	1/8	1/8
14-2501	1 1/2	3/8	1/4	1/8
14-2502	1 1/2	3/8	3/8	1/8
14-2505	1 1/2	7/16	1/8	1/8
14-2506	1 1/2	7/16	1/4	1/8
14-2507	1 1/2	7/16	3/8	1/8
14-2510	1 1/2	1/2	1/4	1/8
14-2511	1 1/2	1/2	3/8	1/8
14-2512	1 1/2	1/2	1/2	1/8
14-2600	2 1/2	1/2	1/2	3/16

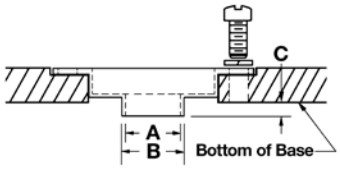
Part Number	Dimensions (in.)			
	A	B	C	D
For Router Bits with 3/8” Shanks				
14-2531	1 1/2	1/2	3/8	1/8
14-2538	1 1/2	1/2	1/2	1/8
14-2539	1 1/2	1/2	5/8	1/8
14-2540	1 1/2	9/16	3/8	1/8
14-2541	1 1/2	9/16	1/2	1/8
14-2542	1 1/2	9/16	5/8	1/8
14-2893	1 1/2	5/8	3/8	1/8
14-2925	1 1/2	5/8	1/2	1/8
14-2544	1 1/2	5/8	5/8	1/8
14-2240	2 1/2	1/2	3/8	1/8
14-2632	2 1/2	1/2	1/2	1/8
14-2633	2 1/2	1/2	5/8	1/8
14-2634	2 1/2	9/16	3/8	1/8
14-2630	2 1/2	9/16	1/2	1/8
14-2635	2 1/2	9/16	5/8	1/8
14-2243	2 1/2	5/8	3/8	1/8
14-2636	2 1/2	5/8	1/2	1/8
14-2631	2 1/2	5/8	5/8	1/8

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Dotco 10-43 Series Router Template Guides

Part Number	Dimensions in Inches			For Use w/Router Bits Up To:
	A	B	C	
14-4019	5/16	3/8	3/16	1/4”
14-4020	3/8	7/16	5/16	5/16”
14-4021	9/16	5/8	3/16	1/2”


14-4020



Rivet Trimmer Attachment

For use on Dotco 12-12 series front or rear exhaust collet models.
Trims “pop” or “blind” rivets up to 3/16” diameter, also suitable for shaving small welds.
Micrometer adjustment controls height of cut to .001”. Runner pads minimize scratching of the work surface.

Part No.	Diameter	Shank	Length	Description	Recommended Use
Trimmer					
14-1723					
Cutters					
14-1732	3/4”	1/4”	1 7/8”	Inverted Cone, carbide	Steel Rivets
14-1332	1/2”	1/4”	1 7/8”	Cylindrical, carbide	Shaving welds


14-1723

Two Handed Router Base
Use with front or rear exhaust collet models.

Two handed control for router applications.
Easy depth adjustment.
Can also be used with 10-43 template guides.
Cutters: 14-2442 (combination flush/bevel 22°)

Part Number	Series
14-1577	Dotco 12-10 Series
14-2577	Dotco 12-20 & 12-25 Series


14-2577

Laminate Trimmer Attachment

Part Number	Series
14-1178	Dotco 12-10 Series
14-2178	Dotco 12-20 & 12-25 Series


14-2178

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

DOTCO®

9,000 – 34,000 RPM
0.3 – 1.7 hp (0.22 – 1.27 kW)



136 Series Band Saw

- Variable Speed Control
- Adjustable Handle
- Lock-off Lever Start



⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

COOPER Power Tools

Model Number				Free Speed	Saw Blade Capacity	Maximum Depth of Cut*	Weight		Length		Air Inlet Size
Front Exhaust	Side Exhaust	Rear Exhaust	Vacuum	rpm			lbs.	kg	in.	mm	
12-20 Series – 0.6 hp (0.45 kW) – Oscillating – Inline											
		12L2065-90•		14,000	9/16”	2 1/2”	2.1	1.0	8.9	226	1/4”
12-22 Series – 0.6 hp (0.45 kW) – Oscillating – Right Angle											
		12L2240-90•		14,000	9/16”	2 1/2”	2.3	1.0	10.9	277	1/4”
12-12 Series - 0.3 hp (0.22 kW)											
		12S1283-02		20,000	2”	7/16”	1.3	0.6	7.1	180	1/4”
			12S1282-02	12,000	2”	7/16”	1.3	0.6	7.1	180	1/4”
		12S1288-02		2,400	2”	7/16”	1.6	0.7	8.9	226	1/4”
		12S1274-03 (Vac Ready)		20,000	2”	7/16”	2.3	1.0	7.1	180	1/4”
		12S1273-03 (Vac Ready)		12,000	2”	7/16”	2.3	1.0	7.1	180	1/4”
12-27 Series - 0.9 hp (0.67 kW)											
		12S2794-01 (Vac Ready)		4,700	2 1/2”	9/16”	4.6	2.1	13.2	335	1/4”
		12S2792-01 (Vac Ready)		940	2 1/2”	9/16”	5.6	2.5	15.0	381	1/4”
		12S2794-02 (Vac Ready)		4,700	4”	1”	5.2	2.4	14.5	368	1/4”
		12S2792-02 (Vac Ready)		940	4”	1”	6.2	2.8	16.2	411	1/4”
12S2749-01				11,000	4”	1”	4.8	2.2	11.4	290	1/4”
			12S2774-02 (Floor bag)	7,000	4”	1”	6.5	2.9	14.1	358	1/4”
12-42 Series - 1.7 hp (1.27 kW)											
	12S4218-01•			8,600	4”	1”	7.9	3.6	15.5	394	1/2”
	12S4216-01•			5,800	4”	1”	7.9	3.6	15.5	394	1/2”
			12S4225-03• (Vac Adapt)	8,500	4”	1”	9.2	4.2	17.0	432	1/2”
			12S4225-02 (Floor bag)	8,500	4”	1”	9.2	4.2	17.0	432	1/2”

*NOTE: Maximum depth of cut is based on maximum saw blade capacity.

General:
Minimum Hose I.D.– 12-12 Series: 1/4” (6.4mm)
12-20,12-22, 12-25, 12-27 Series: 5/16” (7.9mm)
12-42 Series: 1/2” (12.7mm)
All tools performance rated @ 90psi (620 kPa) air pressure.

Standard Equipment:
Applicable wrenches, oilless blades (•)
12-27 & 12-42 Series: 3/4” Arbor adapter.

Extra Equipment:
Overhose (rear exhaust): See page 63
Blades: See pg. 56

Vacuum conversion kits for standard models see pg. 57
Arbor Adapters (12-7 Models): Order 14-2596 and 14-2597 to adapt to 3/4” arbor hole saw blades.

Optional Equipment:
12-27 & 12-42 Arbor adapters: May be substituted on request:
1/2” arbor hole – 2 spacers (14-2575)
5/8” arbor hole – bushing (14-2574)
7/8” arbor hole – bushing (14-2576)
1” arbor hole – bushing (14-2572)

Model	Cutting Capacity		Blade Capacity		Length		Height		Width		Weight	
	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	kg
136 Series Band Saw – .75 hp (.56 kW)												
136BSV-4	4.8	122	44 7/8 x 1/2 x .02	1140 x 12.7 x .5	22.25	565	7.0	178	8.3	211	12.5	5.7

General:
Air Inlet: 1/4" NPTF
Minimum Hose Size: 1/4"
Tool performance rated at 90 psi (620kPa) air pressure.

Standard Equipment:
Operating instructions and service manual
18 teeth/in. blade: 204271

Optional Equipment:
24 teeth/in. blade: 204272

WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer’s mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Saw Accessories


14-1891


14-2928


14-2700

Part Number	Diameter	Type	Maximum Depth & Width of Cut	Maximum rpm	Recommended Use (Guidelines only)
Saw Blades – 1/4" arbor hole					
14-1875	1 1/4"	High Speed Steel 22 Teeth	3/32" x 1/16"	12,000	Aluminum, Laminated Plastics, Pressed Board, Wood
14-0930	1 1/4"	High Speed Steel 44 Teeth	3/32" x 1/16"	12,000	Aluminum, Laminated Plastics, Pressed Board, Wood
14-1895	1 1/2"	High Speed Steel 22 Teeth	7/32" x 1/16"	12,000	Aluminum, Laminated Plastics, Pressed Board, Wood
14-1890	2"	High Speed Steel 22 Teeth	7/16" x 1/16"	12,000	Aluminum, Laminated Plastics, Pressed Board, Wood
14-1891	2"	High Speed Steel 44 Teeth	7/16" x 1/16"	12,000	Aluminum, Laminated Plastics, Pressed Board, Wood
14-1892	2"	High Speed Steel 60 Teeth	7/16" x 1/16"	12,000	Aluminum, Laminated Plastics, Pressed Board, Wood
14-1396*	1 1/2"	Carbide Chip 36/80 Grit	7/32" x 3/32"	20,000	Fiberglass, Rubber
14-1395*	2"	Carbide Chip 36/80 Grit	7/16" x 3/32"	20,000	Fiberglass, Rubber
14-1398*	1 1/2"	Diamond Chip 40/60 Grit	7/32" x 5/64"	20,000	Fiberglass, Rubber
14-1400*	2"	Diamond Chip 40/60 Grit	7/16" x 5/64"	20,000	Fiberglass, Rubber

*CAUTION: Use only for sawing non-metallic materials.

Part Number	Diameter	Type	Maximum Depth of Cut	Use With Model	Recommended Use Up To (Guidelines only)
Saw Blades – 7/16" arbor hole					
14-2147	2 1/2"	High Speed Steel 44 Teeth	9/16"	12S2794-01	1/4" Aluminum, 1/2" Plywood, 1/2" Phenolic
14-2146	2 1/2"	High Speed Steel 80 Teeth	9/16"	12S2793-01	16 Gauge Steel
14-2928	3 3/8"	High Speed Steel 60 Teeth	15/16"	12S2794-02	1/4" Aluminum, 1/2" Plywood, 1/2" Phenolic
14-2929	3 3/8"	High Speed Steel 80 Teeth	15/16"	12S2792-02	20 Gauge Steel, Paneling, Plywood
14-1887	2"	High Speed Steel 22 Teeth	7/16" x 1/16"	12S1288-04	Aluminum, Laminated Plastics, Pressed Board, Wood
14-1888	2"	High Speed Steel 44 Teeth	7/16" x 1/16"	12S1288-04	Aluminum, Laminated Plastics, Pressed Board, Wood
14-1889	2"	High Speed Steel 60 Teeth	7/16" x 1/16"	12S1288-04	Aluminum, Laminated Plastics, Pressed Board, Wood

Part Number	Diameter	Type	Maximum Depth & Width of Cut	Recommended Use (Guidelines only)
Saw Blades – 3/4" arbor hole				
14-2701*	4"	Carbide Chip 36/80 Grit**	1" x 1/8"	Fiberglass, Hard Rubber
14-2694*	4"	Carbide Chip 36 Grit	1" x 11/64"	Hard Rubber
14-2697*	4"	Carbide Chip 80 Grit	1" x 1/8"	Fiberglass
14-2699*	4"	Carbide Tip 20 Teeth	1" x 7/64"	Thin Fiberglass, Plastic Laminates to 1/8" thick
14-2700*	4"	Carbide Tip 20 Teeth	1" x 7/64"	Thicker Fiberglass, Plastic Laminates to 1/2" thick
14-2710	4"	Carbide Tip 20 Teeth	1" x 7/64"	Thin non-ferrous material (to approx. 1/8" thick)
14-2711	4"	Carbide Tip 12 Teeth	1" x 7/64"	Thicker non-ferrous material (to approx. 1/2" thick)
14-2690*	4"	Diamond Chip 60/80 Grit	1" x 5/64"	Fiberglass

*CAUTION: These carbide chip and tip and diamond blades are not to be used on metallic materials.
**Slim blade for easy cutting of fiberglass, with minimum dust -36 grit on periphery and 80 grit on the sides.

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.



14-1742

Part Number	Diameter	Type	Maximum Depth & Width of Cut	Recommended Use (Guidelines only)
Saw Blades – Dotco oscillating saws with 3/8" arbor hole				
14-1740*	2"	Carbide Chip 36/80 Grit	7/16" x 3/32"	Fiberglass
14-1741*	2"	Diamond Chip 40/60 Grit	7/16" x 5/64"	Fiberglass, Carbon Composites
14-1742	2 1/2"	Stainless Steel 124 Teeth	9/16" x 3/64"	Wood, Uncured or Cured Composites, Aluminum, Plastic
14-1746	2 1/2"	Flush Stainless 124 Teeth	9/16" x 3/64"	Wood, Uncured or Cured Composites, Aluminum, Plastic
14-1743	2 1/2"	Carbide 120 Teeth	9/16" x 1/16"	Cured Graphic Composites
14-1744	2 1/2"	Razor	9/16" x 3/64"	Cardboard, Light Plastic
14-1745	2 1/2"	Stainless Steel 120 Teeth	9/16" x 3/64"	Confined Space
14-1747	3"	Razor	9/16" x 3/64"	Cardboard, Light Plastic

*Use only for sawing non-metallic materials.





Vacuum Conversion Kits

Dotco 12-27 series

To convert an existing Dotco front exhaust series 12-27 saw to Vacuum operation, order any of the conversion kits listed in the table. Refer to the Vacuum Ready models listed on page 101 as a guideline to selection. NOTE: When converting to vacuum, free speed of the tool will be reduced 20%.

Part Number	Converts front exhaust to this configuration
2704	Option 1 – Porta Bag
2705	Option 2 – Floor Bag
2729	Option 3 – Vacuum System Adapter

Dotco 12-42 series

To convert an existing Dotco front exhaust series 12-42 saw to Vacuum operation, order any of the conversion kits listed in the table. Refer to the Vacuum Ready models listed on page 102 as a guideline to selection. NOTE: When converting to vacuum, free speed of the tool will be reduced 20%.

Part Number	Converts front exhaust to this configuration
4131	Option 1 – Porta Bag
4132	Option 2 – Floor Bag
4133	Option 3 – Vacuum System Adapter

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Cleco®

SC Series Triple Scaler

- Piston Type



Model Number	Bore		Stroke		Blows Per Minute	Length		Weight	
	in.	mm	in.	mm		in.	mm	in.	mm
SC3A Series Triple Scaler									
SC 3A	0.88	22	0.81	21	5200	13.3	338	7.9	3.6

General:
Air Inlet: 3/8" NPT
Minimum Hose Size: 3/8"
Tool performance rated at 90 psi (620kPa) air pressure.

Standard Equipment:
Operating instructions & service manual

Cleco®

F Series Riveters

- For driving 1/8"-1/4" (3-6mm) rivets
- Standard beehive retainer
- Built-in air regulator controls power output
- Spool valve for precise speed control





Model Number	Bore		Stroke		Blows Per Minute	For Use With Rivet Set Shank Dia.		Length		Weight	
Bee Hive Retainer	in.	mm	in.	mm		in.	mm	in.	mm	lbs.	kg
F Series Riveters – Round Taper Nose – Pistol Grip											
F2-PT-RT-B	0.56	14	2.0	52	3900	.401	10.2	6.7	170	2.7	1.2
F4-PT-RT-B	0.56	14	4.0	102	1700	.401	10.2	8.7	222	3.3	1.5

General:
Air Inlet: 1/4" NPTF;
Minimum Hose Size: 1/4"
Tool performance rated at 90 psi (620kPa) air pressure.

Standard Equipment:
Operating instructions & service manual

Cleco®

CH-30, CH4 Series Chipping Hammers

- Heavy duty for rugged use
- Ring valve hard hitting hammer
- Forged steel hammer
- Heat treated cylinder & piston for reduced wear
- Replaceable bushing



Model Number		Retainer Type	Bore		Stroke		Blows/ Minute	Length*		Weight*	
Round Nose	Hex Nose		in.	mm	in.	mm		in.	mm	lbs.	kg
CH-30 Series Chipping Hammers – Pistol Grip Handle											
CH-30-RD	CH-30-HX	Standard	1 1/8	28.5	2 1/2	64	2200	17.7	450	15.0	6.8
CH-30-RD-QC	CH-30-HX-QC	Quick Change	1 1/8	28.5	2 1/2	64	2200	17.7	450	15.0	6.8
CH4 Series Chipping Hammers – 4 Bolt Spade Handle											
CH4-30-RD		Standard	1 1/8	28.5	2 1/2	64	2000	15.7	398	18.4	8.4
CH4-30-RD-QC		Quick Change	1 1/8	28.5	2 1/2	64	2000	15.7	398	18.4	8.4

*Less chisel

General:
Air Inlet: 3/8" NPT. Minimum Hose Size: 1/2" (12.7mm)
Air Consumption CH-30: 31.5 cfm: CH4: 28.2 cfm
Tool performance rated at 90 psi (620kPa) air pressure.

Standard Equipment:
Operating instructions & service manual

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.



Cleco®

B1, BR Series Needle Scalers

- Built-in Chisel Retainer
- Front Exhaust
- Lever Start
- Needle Type



Model Number Round Nose	Type	Bore in.	Bore mm	Stroke in.	Stroke mm	Blows/ Minute	Length* in.	Length* mm	Weight* lbs.	Weight* kg
B1 Series Needle Scalers – Lever Start										
B1-CNB-LT-RD	Needle	1.0	25	1.1	28	4600	15.0	381	6.3	2.9
B1 Series Needle Scalers – Lever Start Kit**										
B1-CNB-LT-RD-K	Needle	1.0	25	1.1	28	4600	15.0	381	6.3	2.9

* Length and weight include needles.**Specs are for tool only

General:
Air Inlet: 1/4" NPTF
Minimum Hose Size: 5/16"
Tool performance rated at 90 psi (620kPa) air pressure.
Note: Kit includes tool, whip hose, extra set of needles, two chisels, extra chisel retainer, retainer parts and metal case.

Standard Equipment:
Operating instructions & service manual

Optional Equipment:
Additional Accessories: Page 62



Cleco®

B1, BR Series Chisel Scalers

- Built-in Chisel Retainer
- Lever & Push-Pull Start Models
- Chisel Type

Model Number	Type	Bore in.	Bore mm	Stroke in.	Stroke mm	Blows Per Minute	Length* in.	Length* mm	Weight* lbs.	Weight* kg
B1 Series Chisel Scaler – Push-Pull Start										
B1-C-PT	Chisel	1.0	25	1.1	28	4600	12.0	305	4.3	2.0
B1 & BR Series Chisel Scalers – Lever Start										
B1-C-LT	Chisel	1.0	25	1.1	28	4600	10.3	262	4.3	2.0
BR-C-LT	Chisel	1.0	25	1.1	28	4200	10.4	264	4.3	2.0

*Length and weight does not include chisel

General:
Air Inlet: 1/4" NPTF
Minimum Hose Size: 5/16"
Tool performance rated at 90 psi (620kPa) air pressure.

Standard Equipment:
Operating instructions & service manual

Optional Equipment:
Additional Accessories: Page 62

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

DOTCO®

Rivet Shavers

■ Non-Reversible

Model Number		Cutter Adjustment	Free Speed	Weight		Length	
Small Handle	Large Handle		rpm	lbs.	kg	in.	mm
14CF Series – Pistol Grip – 0.4 hp (0.30 kW) – with Stabilizer							
14CFS60-95		0.0005	29,000	2.3	1.0	8.2	210
14CF Series – Pistol Grip – 0.4 hp (0.30 kW) – without Stabilizer							
14CFS60-98		0.00025	29,000	2.3	1.0	8.2	210
14CN Series – Pistol Grip – 0.9 hp (0.67 kW) – with Stabilizer							
	14CNL60-95	0.0005	20,000	4.5*	2.0*	8.9*	226*
		0.00025	20,000	4.5*	2.0*	8.9*	226*

*For weight and length of large handle models, add 0.20 lb.(0.1kg)

General:
Air Inlet: 1/4" NPT - Use 5/16" (7.9mm) I.D. Hose
All tools performance rated @ 90psi (620 kPa) air pressure
Standard Equipment: Stabilizer and choice of skirt
Extra Equipment: Carbide Cutters & Extended Skirts: See table



Cutter Diameter Inches	Carbide Cutter	Part Number										
		Skirts		1" Extended Skirt			4" Extended Skirt			6" Extended Skirt		
		Std.	Wide	Adapter	Skirt	Assembly	Adapter	Skirt	Assembly	Adapter	Skirt	Assembly
5/16	–	14-4391	14-4401	–	–	–	–	–	–	–	–	–
3/8	14-4382	14-4392	14-4402	–	–	14-4532	14-4302	14-4312	14-4512	–	14-4372	14-4572
7/16	14-4383	14-4393	14-4403	14-4323	–	14-4533	14-4303	–	14-4513	14-4363	14-4373	14-4573
1/2	14-4384	14-4394	14-4404	14-4324	14-4334	14-4534	–	–	14-4514	14-4364	14-4374	14-4574
9/16	14-4385	14-4395	14-4405	–	–	–	–	–	–	–	–	–
5/8	14-4386	14-4396	14-4406	–	–	–	14-4306	14-4316	14-4516	–	–	–
3/4	14-4387	14-4397	–	–	–	–	–	–	–	–	–	–
1	14-4422	14-4410	–	–	–	–	–	–	–	–	–	–
1-1/4	–	14-4412	–	–	–	–	–	–	–	–	–	–

DOTCO®

Shears & Scissors

Model Number		Attachment		Capacity		Weight		Length	
Rear Exhaust		Standard Shear	Scissor Shear	Mild Steel Gauge	Other Materials*	lbs.	kg	in.	mm
14CF Series – 0.4 hp (0.30 kW)									
14CFS93-99	14-1550			18	1/16*	2.2	1.0	8.0	200
14CFS93-98			14-1650	18	1/16*	2.4	1.1	9.8	250

*Non-ferrous metals, plastics, fiberglass, etc.

General:
Air Inlet: 1/4" NPT – Use 5/16" (7.9mm) I.D. Hose
All tools performance rated @ 90psi (620 kPa) air pressure

Standard Equipment:
Shear attachment and cutter blades

Extra Equipment:
Overhose: See page 63
Replacement cutter blades for 14-1550
Standard Sheer Right: 14-1554
Left: 14-1553
Center: 14-1555
Replacement cutter blades for 14-1650
Scissor Shear Blade: 14-1651
Side Knife: 14-1652



⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.



12-20

DOTCO®

Nibblers

Model Number	Capacity - Gauge		Speed	Weight		Length	
Rear Exhaust	Mild Steel	SS	spm	lbs.	kg	in.	mm
12-20F Series – 0.6hp (0.45 kW)							
12L2062-96	18	–	6	1.1	0.5	8.3	211

Replacement Parts & Accessories
Extra Cost: 14-1752: Punch
14-1751: Die

Extra Equipment:
For lock-off safety lever, substitute "S" for "L" in model number.
Overhose: See page 63



12L1010-36

DOTCO®

Lint Pickers

- Front or Rear Exhaust

Model Number		Free Speed rpm	Weight*		Length		Collet Size
Front Exhaust	Rear Exhaust		oz.	gr	in.	mm	
12-10 Series – 0.3 hp (0.22 kW) – 300 Series Collet							
12L1010-36		20,000	12	269	4.8	122	1/4"
	12L1031-36•	20,000	13	340	5.5	140	1/4"

General:
Air Inlet: Front Exhaust:1/4" NPT
Rear Exhaust: 1/8" NPT – Use 1/4" (6.4mm) I.D. Hose
All tools performance rated @ 90psi (620 kPa) air pressure

Standard Equipment:
Applicable collet, collet wrenches, 6"(152mm) Picker Rod 14-2181, oilless blades(•)

Extra Equipment:
For lock-off safety lever, substitute "S" for "L" in model number.
Collets: See page 26
Overhose (rear exhaust): See page 63
9" (229mm) Picker Rod 14-2182



11Q2000

DOTCO®

Hole Grinders

- High-speed drilling/grinding hardened alloys
- Fine cutting of thin walls sections
- Materials too fragile for conventional methods
- Use on lathes, grinders, mills or drill presses for straightline machining
- Insert in a boring head for offset jig grinding
- Mount permanently for special applications



Model Number	Shank Dia.	Collet Chuck	Speed	Weight		Appropriate Dimensions (inches)							
			rpm	lbs.	kg	"A"	"B"	"C"	"D"	"E"	"F"	"G"	"H"
11-20 Series – 0.6 hp (0.45 kW)													
11Q2000	1/2"	200	25,000	3	1.4	1.3	6.3	1.3	0.8	0.8	1.0	0.8	–

General:
Air Inlet: 1/4" NPT – Use 5/16" (7.9mm) I.D. Hose
Air Consumption: 11-10 Series – 12 cfm (0.34 m^3/min)
11-20 Series – 20 cfm (0.57 m^3/min)
All tools performance rated @ 90psi (620 kPa) air pressure

Standard Equipment:
11-10 series: 1/4" (308) collet, collet wrenches, push-pull valve, coupling, and nipple
11-20 series: 1/4" (208) collet, collet wrenches, push-pull valve, coupling, and nipple

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Percussion Tool Accessories

B1 Series Chisels (Safety Retainer Type)

Type	Cutting edge		Square Stock Size		Overall Length		Code Number
	in.	mm	in.	mm	in.	mm	
Hardened Blank	—	—	1/2	12.7	7 1/2	190	839052
Hardened Blank	—	—	1/2	12.7	12	305	839053
Cold Chisel	3/4	19	1/2	12.7	7 1/2	190	839051
Cold Chisel	3/4	19	1/2	12.7	12	305	839341
Cold Chisel	3/4	19	1/2	12.7	18	457	839335
Cold Chisel	1 1/2	38	1/2	12.7	8	203	839467
Spoon Chisel	1 3/8	35	1/2	12.7	7 1/4	184	839050
Spoon Chisel	1 3/8	35	1/2	12.7	12	305	839299
Spoon Chisel	1 3/8	35	1/2	12.7	18	457	839334
Spoon Chisel	1	25	1/2	12.7	7 1/4	184	839740



BR Series Chisels (Safety Retainer Type)

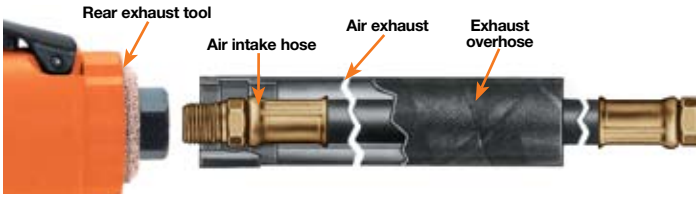
Type	Cutting Edge		Round Stock Size		Overall Length		Code Number
	in.	mm	in.	mm	in.	mm	
Blank	—	–	5/8	16	7 1/2	190	829173
Long Wide Blade	1 3/4 x 3/32	44.5 x 2.4	5/8	16	7	203	829165
Cold	3/4 x 3/32	19.1 x 2.4	5/8	16	8 1/2	216	829150
Scaling	1 1/4 x 3/32	31.8 x 2.4	5/8	16	9	229	829301
Spoon	1 3/8 x 3/32	34.9 x 2.4	5/8	16	7 1/2	190	829310



⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

Overhose Assemblies

For use with Dotco series rear exhaust tools:

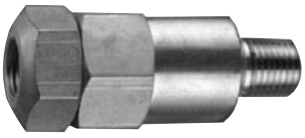


Tool Series	Overhose and Airhose	Non-Overhose to Overhose Conversion Kit	Overhose Only			Airhose Only		
			Number	Length		Number	Length	
				ft.	m		ft.	m
10-04	45-0946		45-0945	1.0	0.3	45-0948	5.0	1.5
	45-0953		45-0955	2.0	0.6	45-0948	5.0	1.5
	45-0954		45-0956	4.0	1.2	45-0948	5.0	1.5
12-03, 12-04	45-6013		45-6003	1.0	0.3	45-0948	5.0	1.5
	45-6012		45-6002	2.0	0.6	45-0948	5.0	1.5
	45-6000		45-6001	4.0	1.2	45-0948	5.0	1.5
10-10, 10-11, 10-12	45-1930		45-1904	2.0	0.6	45-1409	8.0	2.4
	45-1931		45-1901	4.0	1.2	45-1409	8.0	2.4
	45-1932		45-1902	8.0	2.4	45-1409	8.0	2.4
12-10, 12-11, 12-12		45-2783	45-2629	2.0	0.6	45-1408	8.0	2.4
12-13, 15LF, 15-14		45-2784	45-2687	4.0	1.2	45-1408	8.0	2.4
		45-2785	45-2688	8.0	2.4	45-1408	8.0	2.4
10-20, 10-21, 10-22		45-2786	45-2629	2.0	0.6	45-1508	8.0	2.4
10-25, 10-26, 10-27		45-2787	45-2687	4.0	1.2	45-1508	8.0	2.4
12-20, 12-21, 12-22		45-2788	45-2688	8.0	2.4	45-1508	8.0	2.4
12-25, 12-26, 12-27, 12-28, 15LS, 15IN								
12-91			45-0974	4.0	1.2	01-9167	5.0	1.5
14CF			45-2687	4.0	1.2	45-1508	8.0	2.4
14CS			45-2687	2.0	0.6	45-1408	8.0	2.4
			45-2687	4.0	1.2	45-1408	8.0	2.4
			45-2688	8.0	2.4	45-1408	8.0	2.4
			45-2688	8.0	2.4	45-1408	8.0	2.4
14CN			45-2687	2.0	0.6	45-1508	8.0	2.4
			45-2687	4.0	1.2	45-1508	8.0	2.4
		1025687	45-2688	8.0	2.4	45-1508	8.0	2.4
			45-2688	8.0	2.4	45-1508	8.0	2.4

⚠ WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1. Cutting tool maximum speed rating must equal or exceed speed of air tool @ 90psi (620 kPa). Follow cutting tool manufacturer's mounting & operating instructions. Tools must be equipped with lock-off lever to be CE compliant.

General Accessories

Airline Filter and Lubricator





Part Number	Description	NPT	Air Flow		Max. Pressure	
		in.	SCFM	m^3/min	psig	bar
45-0211	Filter w/cartridge*	1/4	17	8.0	100	6.9
45-0212	Filter cartridge	–	–	–	–	–
45-0201	Lubricator**	1/4	22	10	100	6.9
45-0301	Lubricator**	3/8	22	10	100	6.9

GENERAL: Use where inconvenient for standard filter or lubricator.
* NOTE: Filter will not remove water.
** NOTE: One ounce reservoir good for an average eight hour shift.



Air Hoses

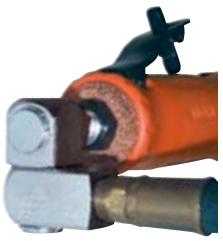
Part Number	Hose I.D.		Fittings (NPT)		Length	
	in.	mm	in.	mm	ft.	m
A110026	3/16	4.7	1/8	3/8-24*	6.0	1.8
A139856	3/16	4.7	1/8	1/8	6.0	1.8
45-1307	3/16	4.7	1/8	1/4	7.0	2.1
45-1408	1/4	6.4	1/4	1/4	8.0	2.4
45-1409	1/4	6.4	1/8	1/4	8.0	2.4
45-1508	5/16	7.9	1/4	1/4	8.0	2.4
45-1610	3/8	9,5	3/8	3/8	10	3.0
45-1810	1/2	12.7	3/8	1/2	10	3.0
45-1812	1/2	12.7	1/2	1/2	12	3.7
45-1825	1/2	12.7	1/2	1/2	25	7.6

GENERAL: 3/16" & 1/4" hoses have braided covers, all others have neoprene covers.
* NOTE: 3/8"-24 is a straight thread

Activeswivel

Part No.	NPT	Air Flow		Max. Pressure		Weight	
	in.	SCFM	m^3/min	psig	bar	lbs.	kg
SW-102	1/4	25	7.1	150	10.4	0.20	0.09
SW-103	3/8	45	12.7	150	10.4	0.40	0.18
SW-104	1/2	65	18.4	150	10.4	0.80	0.36
SWR-102*	1/4	25	7.1	150	10.4	0.25	0.11

* NOTE: Equipped with built-in flow regulator.



Swivel Hose Couplings

Part Number	NPT in.
A20744	1/4
A20741	3/8
A20764	1/2



Air Pressure Gage Kit

Part Number	Description
A13157	Gage, needle, cap & case



Quick Disconnect Fittings

Fitting Type*	NPT in.	Nominal Size		
		1/4"	3/8"	1/2"
Coupler *(male NPT)*				
	1/8	45-0710	–	–
	1/4	45-0711	45-0713	–
	3/8	45-0712	–	–
	1/2	–	–	45-0717
Coupler *(female NPT)*				
	1/4	–	–	–
	3/8	45-0732	45-0734	45-0736
Nipple *(male NPT)*				
	1/8	45-0720	–	–
	1/4	–	45-0724	–
	3/8	45-0722	45-0725	45-0726
	1/2	–	–	45-0727
Nipple *(female NPT)*				
	1/4	–	45-0744	–
	3/8	45-0742	45-0745	45-0746
	1/2	–	–	45-0747
Nipple *(with hose barbs)*				
	1/4**	45-0748	–	–
	1/2**	–	–	45-0753

* NOTE: Nipples of one size will not fit couplers of another size.
** NOTE: Indicates inside diameter of hose.
NOTE: 1/4" nominal will pass 49 cfm free air @ 90 psi, but pressure drop exceeds 10 psi with air flow over 30 cfm.
3/8" nominal will pass 90 cfm free air @ 90 psi, but pressure drop exceeds 10 psi with air flow over 53 cfm.
1/2" nominal will pass 168 cfm free air @ 90 psi, but pressure drop exceeds 10 psi with air flow over 109 cfm.

Steel Handle Bushings

Part Number	Size
881276	*1/4 in. MPT x 1/4 in. FPT
841554	†1/4 in. MPT x 1/4 in. FPT
841553	3/8 in. MPT x 1/4 in. FPT
841552	3/8 in. MPT x 3/8 in. FPT

* Light duty for rotary tools
† Heavy duty for percussion tools.

Lubricants

Part Number	Size	Description	M.S.D.S. No.
Oils			
540397	1 qt. plastic	Air line oil	CPT-153
533485	1 gal. metal	Air line oil	CPT-153
536333	1 gal. metal	High film strength	CPT-154
45-0918	1 qt. plastic	Air line oil *(Dotco)*	CPT-155
45-0919	1 gal metal	Air line oil *(Dotco)*	CPT-155
539317	1 qt. plastic	Hydraulic oil *(Pulse)*	CPT-157
Greases			
513156	18 oz. can	Teflon grease	CPT-145
45-0983	2 oz. tube	Dotco gear grease	CPT-147
45-0980	2 oz. tube	Dotco gear lube	CPT-148

NOTE: Under normal conditions of use, lubrication products sold separately for or used within these tools should not cause an exposure hazard. Refer to the Material Safety Data Sheet (M.S.D.S.) for Safety and Disposal information. M.S.D.S. sheets shown in the chart are available upon request from Cooper Power Tools.

Average dBA Reading of Tools at Free Speed

Dotco Series Tools	dBA*
10-04	75 - 78
10-41	77 - 82
10-43	83
10-56	84
10-58	86
10-90	75
10-95	74
11-43	83
12-03	78
12-04	78
12-05	80
12-10	78-83
12-11	86
12-12	77-84
12-13	78-83
12-18	78
12-20	77-85
12-21	77-85
12-22	83
12-23	84
12-25	75-84
12-26	76-82
12-27	76-85

Dotco Series Tools	dBA*
12-28	75-85
12-31	79-84
12-40	83
12-41	77-82
12-42	79
12-51	78
12-53	78
12-91	68
14CF	77
15-14	77
15-20	78
15-29	78
15CN	80
15CN (Euro)	74
15CS	78
15CS (Euro)	72
15LF	78
15LN	82
15LS	80
56CN	84
56CS	82
56CT	78
15Z	66-67

Push Type Grease Gun

Part Number: 45-1982

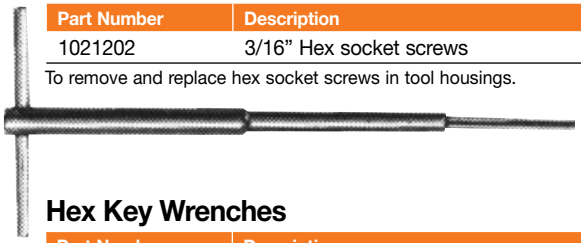


Service Tools

"T" Wrenches

Part Number	Description
1021202	3/16" Hex socket screws

To remove and replace hex socket screws in tool housings.



Hex Key Wrenches

Part Number	Description
1008860	1/8"
1006443	3/16"

Torx Torque Adjustment Keys

Part Number	Description
535508	H16/H30 series tools

Open End Wrenches

Part Number	Description
1006626	3⁄6" & 5/16"
1011691	7/16"
1014471	1/2"
1004958	9/16" & 1-33/64" Hex Box
1014472	11/16"
1010911	7/8"
1016694	1-1/8"

Snap Ring Pliers

Part Number	Description
1007488	External sizes 25 thru 87



Part Number	Description
1008702	External sizes 37 thru 93



Conversion Tables

Millimeter – Decimal – Fraction

mm	Dec.	in.	mm	Dec.	in.	mm	Dec.	in.	mm	Dec.	in.	mm	Dec.	in.m
0.100	.0039		**5.159**	**.2031**	**13/64**	10.200	.4016		15.300	.6024		20.300	.7992	
0.200	.0079		5.200	.2047		10.300	.4055		15.400	.6063		20.400	.8031	
0.300	.0118		5.300	.2087		**10.319**	**.4063**	**13/32**	**15.478**	**.6094**	**39/64**	20.500	.8071	
0.397	**.0156**	**1/64**	5.400	.2126		10.400	.4094		15.500	.6102		20.600	.8110	
0.400	.0157		5.500	.2165		10.500	.4134		15.600	.6142		**20.638**	**.8125**	**13/16**
0.500	.0197		**5.556**	**.2188**	**7/32**	10.600	.4173		15.700	.6181		20.700	.8150	
0.600	.0236		5.600	.2205		10.700	.4219		15.800	.6220		20.800	.8189	
0.700	.0276		5.700	.2244		**10.716**	**.4219**	**27/64**	**15.875**	**.6250**	**5/8**	20.900	.8228	
0.794	**.0313**	**1/32**	5.800	.2283		10.800	.4252		15.900	.6250		21.000	.8268	
0.800	.0315		5.900	.2323		10.900	.4291		16.000	.6299		**21.034**	**.8182**	**53/64**
0.900	.0354		**5.953**	**.2344**	**15/64**	11.000	.4331		16.100	.6339		21.100	.8307	
1.000	.0394		6.000	.2362		11.100	.4370		16.200	.6378		21.200	.8307	
1.100	.0433		6.100	.2402		**11.113**	**.4375**	**7/16**	**16.272**	**.6406**	**41/64**	21.200	.8346	
1.191	**.0469**	**3/64**	6.200	.2441		11.200	.4409		16.300	.6417		21.300	.8386	
1.200	.0472		6.300	.2480		11.300	.4449		16.400	.6457		21.400	.8425	
1.300	.0512		**6.350**	**.2500**	**1/4**	11.400	.4488		16.500	.6496		**21.431**	**.8438**	**27/32**
1.400	.0551		6.400	.2520		11.500	.4528		16.600	.6535		21.500	.8465	
1.500	.0591		6.500	.2559		**11.509**	**.4531**	**29/64**	**16.669**	**.6563**	**21/32**	21.600	.8504	
1.588	**.0625**	**1/16**	6.600	.2598		11.600	.4567		16.700	.6575		21.700	.8543	
1.600	.0630		6.700	.2638		11.700	.4606		16.800	.6614		21.800	.8583	
1.700	.0669		**6.747**	**.2656**	**17/64**	11.800	.4646		16.900	.6654		**21.828**	**.8594**	**55/94**
1.800	.0709		6.800	.2677		11.900	.4685		17.000	.6693		21.900	.8622	
1.900	.0748		6.900	.2717		**11.906**	**.4688**	**15/32**	**17.066**	**.6719**	**43/64**	22.000	.8661	
1.984	**.0781**	**5/64**	7.000	.2756		12.000	.4724		17.100	.6732		22.100	.8701	
2.000	.0878		7.100	.2795		12.100	.4764		17.200	.6772		22.200	.8740	
2.100	.0827		**7.144**	**.2813**	**9/32**	12.200	.4803		17.300	.6811		**22.225**	**.8750**	**7/8**
2.200	.0866		7.200	.2835		12.300	.4843		17.400	.6850		22.300	.8780	
2.300	.0906		7.300	.2874		**12.303**	**.4844**	**31/64**	**17.463**	**.6875**	**11/16**	22.400	.8819	
2.381	**.0938**	**3/32**	7.400	.2913		12.400	.4882		17.500	.6890		22.500	.8858	
2.400	.0945		7.500	.2953		12.500	.4921		17.600	.6929		22.600	.8898	
2.500	.0984		**7.541**	**.2969**	**19/64**	12.600	.4961		17.700	.6968		**22.622**	**.8906**	**57/64**
2.600	.1024		7.600	.2992		**12.700**	**.5000**	**1/2**	17.800	.7008		22.700	.8937	
2.700	.1063		7.700	.3031		12.800	.5039		**17.859**	**.7031**	**45/64**	22.800	.8976	
2.778	**.1094**	**7/64**	7.800	.3071		12.900	.5079		17.900	.7047		22.900	.9016	
2.800	.1102		7.900	.3110		13.000	.5118		18.000	.7087		23.000	.9055	
2.900	.1142		**7.938**	**.3125**	**5/16**	**13.097**	**.5156**	**33/64**	18.100	.7126		**23.019**	**.9063**	**29/32**
3.000	.1181		8.000	.3150		13.100	.5157		18.200	.7165		23.100	.9094	
3.100	.1220		8.100	.3189		13.200	.5197		**18.256**	**.7188**	**23/32**	23.200	.9134	
3.175	**.1250**	**1/8**	8.200	.3228		13.300	.5236		18.300	.7205		23.300	.9173	
3.200	.1260		8.300	.3268		13.400	.5276		18.400	.7244		23.400	.9213	
3.300	.1299		**8.334**	**.3281**	**21/64**	**13.494**	**.5313**	**17/32**	18.500	.7283		**23.416**	**.9219**	**59/64**
3.400	.1339		8.400	.3307		13.500	.5315		18.600	.7323		23.500	.9252	
3.500	.1378		8.500	.3346		13.600	.5354		**18.653**	**.7344**	**47/64**	23.600	.9291	
3.572	**.1406**	**9/64**	8.600	.3386		13.700	.5394		18.700	.7362		23.700	.9331	
3.600	.1417		8.700	.3425		13.800	.5433		18.800	.7402		23.800	.9370	
3.700	.1457		**8.731**	**.3438**	**11/32**	**13.891**	**.5469**	**35/64**	18.900	.7441		23.900	.9409	
3.800	.1496		8.800	.3465		13.900	.5472		19.000	.7480		24.000	.9449	
3.900	.1535		8.900	.3504		14.000	.5512		**19.050**	**.7500**	**3/4**	24.100	.9488	
3.969	**.1563**	**5/32**	9.000	.3543		14.100	.5551		19.100	.7520		24.200	.9528	
4.000	.1575		9.100	.3583		14.200	.5591		19.200	.7559		**24.209**	**.9531**	**61/64**
4.100	.1624		**9.128**	**.3594**	**23/64**	**14.288**	**.5625**	**9/16**	19.300	.7598		24.300	.9567	
4.200	.1654		9.200	.3622		14.300	.5630		19.400	.7638		24.400	.9606	
4.300	.1693		9.300	.3661		14.400	.5669		**19.447**	**.7656**	**49/64**	24.500	.9646	
4.366	**.1719**	**11/64**	9.400	.3701		14.500	.5709		19.500	.7677		24.600	.9685	
4.400	.732		9.500	.3740		14.600	.5748		19.600	.7717		**24.606**	**.9688**	**31/32**
4.500	.1772		**9.525**	**.3750**	**3/8**	**14.684**	**.5781**	**37/64**	19.700	.7756		24.700	.9724	
4.600	.1811		9.600	.3780		14.700	.5787		19.800	.7795		24.800	.9764	
4.700	.1850		9.700	.3819		14.800	.5827		**19.844**	**.7813**	**25/32**	24.900	.9803	
4.763	**.1875**	**3/16**	9.800	.3858		14.900	.5866		19.900	.7835		25.000	.9843	
4.800	.1890		9.900	.3898		15.000	.5906		20.000	.7874		**25.003**	**.9844**	**63/64**
4.900	.1929		**9.922**	**.3902**	**25/64**	**15.081**	**.5938**	**19/32**	20.100	.7913		25.100	.9882	
5.000	.1969		10.000	.3937		15.100	.5945		20.200	.7953		25.200	.9921	
5.100	.2008		10.100	.3976		15.200	.5984		**20.241**	**.7969**	**51/64**	25.300	.9961	
												25.400	**1.000**	**1**

Conversion Tables

Torque – Air Pressure – Miscellaneous

COOPER Power Tools

Torque Conversion – In. Lbs. (Nm)					
In.	Nm	In.	Nm	In.	Nm
5	0.6	50	5.7	140	15.8
10	1.1	60	6.8	150	17.0
15	1.7	70	7.9	160	18.1
20	2.3	80	9.0	170	19.2
25	2.8	90	10.2	180	20.3
30	3.4	100	11.3	190	21.5
35	4.0	110	12.4	200	22.6
40	4.5	120	13.6		
45	5.1	130	14.7		

Torque Conversion – Ft. Lbs. (Nm)					
Ft. Lbs.	Nm	Ft. Lbs.	Nm	Ft. Lbs.	Nm
1	1.36	43	58.3	85	115.3
2	2.7	44	60.0	86	117.0
3	4.1	45	61.0	87	118.0
4	5.4	46	62.4	88	119.3
5	6.8	47	63.7	89	121.0
6	8.1	48	65.1	90	122.0
7	9.5	49	66.4	91	123.4
8	10.9	50	67.8	92	125.0
9	12.2	51	69.2	93	126.1
10	13.6	52	70.5	94	127.5
11	14.9	53	71.9	95	129.0
12	16.3	54	73.2	96	130.2
13	17.6	55	74.6	97	131.5
14	19.0	56	75.9	98	133.0
15	20.3	57	77.3	99	134.2
16	21.7	58	78.7	100	135.6
17	23.1	59	80.0	110	149.2
18	24.4	60	81.4	115	156.0
19	25.8	61	82.7	120	163.0
20	27.1	62	84.1	125	170.0
21	28.5	63	85.4	130	176.3
22	29.8	64	86.8	135	183.1
23	31.2	65	88.1	140	190.0
24	32.5	66	90.0	145	197.0
25	33.9	67	90.9	150	203.4
26	35.3	68	92.2	155	210.2
27	36.6	69	93.6	160	217.0
28	38.0	70	94.9	165	224.0
29	39.3	71	96.3	170	231.0
30	40.7	72	97.6	175	237.3
31	42.0	73	99.0	180	244.1
32	43.4	74	100.3	185	251.0
33	44.8	75	102.0	190	258.0
34	46.1	76	103.1	195	264.4
35	47.5	77	104.4	200	271.2
36	48.8	78	105.8	225	305.1
37	50.2	79	107.1	250	339.0
38	52.0	80	108.5	275	373.0
39	52.9	81	110.0	300	407.0
40	54.2	82	111.2	350	475.0
41	55.6	83	112.6	400	542.4
42	57.0	84	114.0		

Torque Conversion factors		
To Convert	Into	Multiply By
Inch Pounds	Foot Pounds	0.0835
Inch Pounds	Newton meters	0.1130
Inch Pounds	Kg-meters	0.0115
Inch Pounds	Kg-Cm	1.1519
Foot Pounds	Inch Pounds	12.000
Foot Pounds	Newton meters	1.3560
Foot Pounds	Kg-meters	0.1382
Foot Pounds	Kg-Cm	13.8240
Newton Meters	Inch Pounds	8.8440
Newton Meters	Foot Pounds	0.7370
Newton Meters	Kg-meters	0.1020
Newton Meters	Kg-Cm	10.2000
Kg meters	Inch Pounds	86.8100
Kg meters	Foot Pounds	7.2340
Kg meters	Newton-meters	9.8040
Kg Cm	Inch Pounds	0.8681
Kg Cm	Foot Pounds	0.0723
Kg Cm	Newton-meters	0.0980

Miscellaneous Conversion Factors		
To Convert	Into	Multiply By
Inches	Millimeters	25.4000
Millimeters	Inches	0.0394
Pounds	Kilograms	0.4536
Kilograms	Pounds	2.2050
psi	bar	0.069
bar	psi	14.5

Air Pressure Conversion		
PSI	kPa*	Bar**
85	586	5.9
90	620	6.2
95	655	6.6
100	690	6.9
125	860	8.6

* Preferred: Approximate to the nearest 5 kPa.
** Approximate to the nearest 0.5 Bar.

The Total Solution

The total solution from Cooper Power Tools includes not only a complete line of quality industrial tools and accessories but also a professional engineering and product support staff to help customize each tool to specific application requirements. All are as close as a telephone or e-mail.

Cooper Power Tools maintains company-owned Service Centers in strategic locations throughout the world, staffed with professional tool repair technicians who use genuine Cooper Power Tools parts and who are outfitted with the very latest in testing, calibration and inspection equipment. Each tool that is returned to a customer from one of our Service Centers carries with it a warranty that is Cooper Power Tools' assurance that it will perform just like it did when it was purchased new.

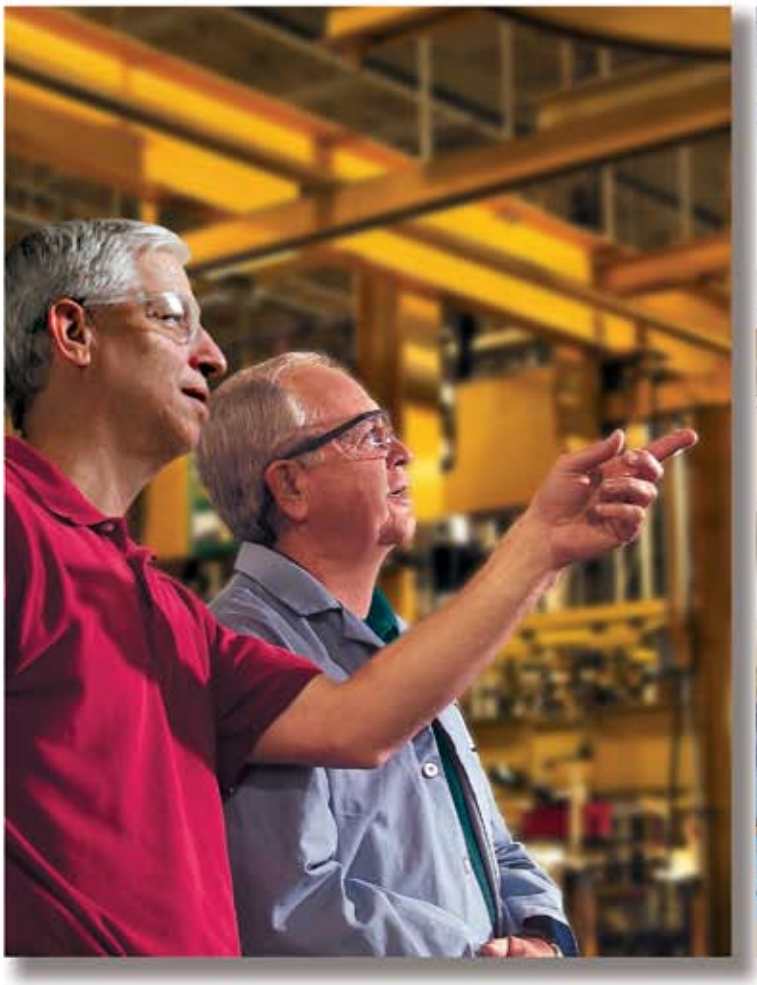
Our support personnel are fully capable of helping to diagnose problems and promptly recommend solutions.

Our complete line of tools are carefully designed and built from the finest materials available in order to provide years of trouble free service. But, as with any piece of equipment, service problems can occur. All tools are designed to be easy to service ... that is, of course, with properly trained personnel.

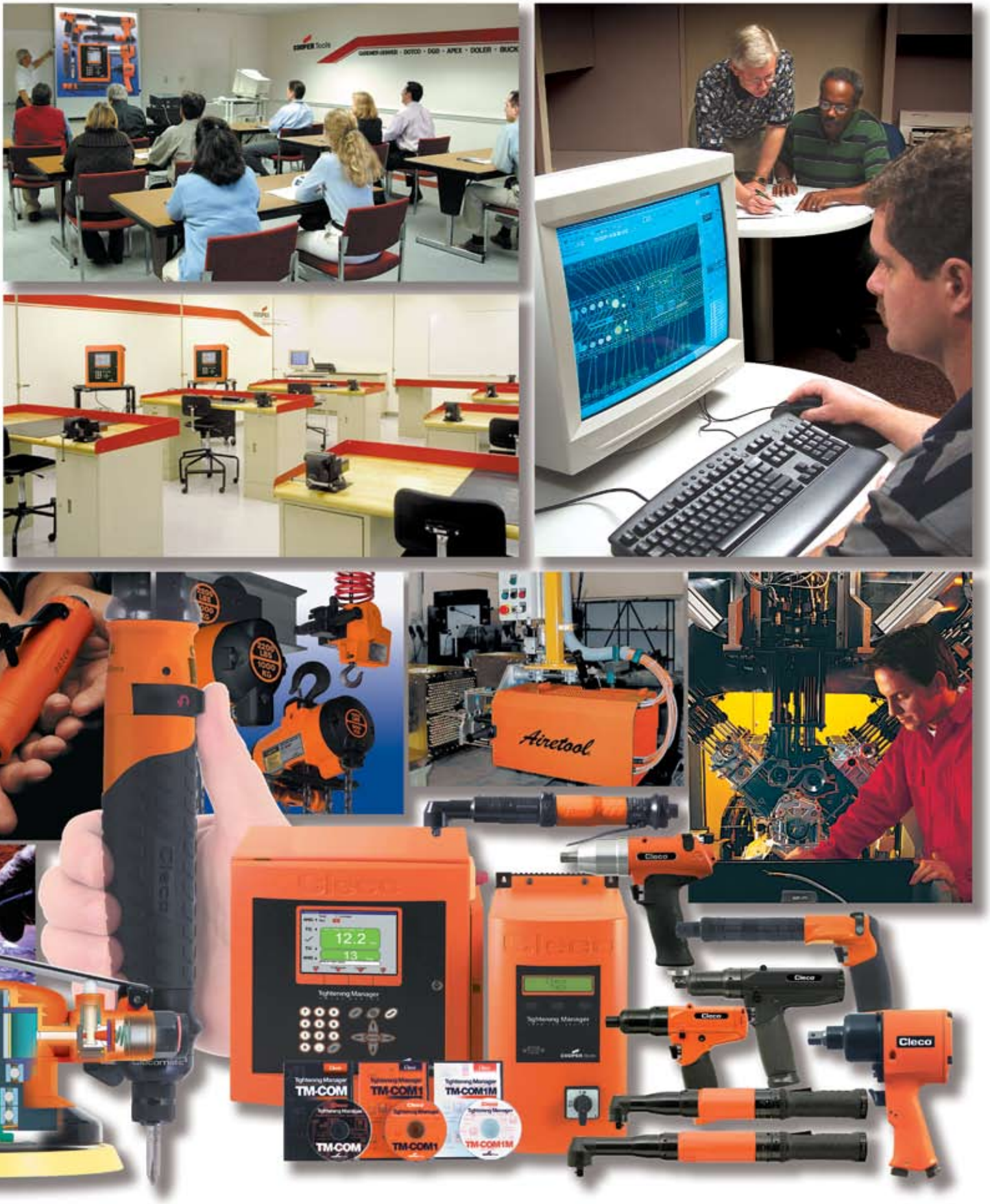
To facilitate quick repairs, and limit downtime ... Cooper Power Tools conducts training seminars covering all aspects of every tool we make.

Introductory training seminars are designed to fully acquaint students with the entire line of tools and their fundamental operation. Advanced training seminars, which are often tailored to individual needs, are designed to hone the skills of the experienced student. Hands-on experience, with an emphasis on troubleshooting and repairing, are the focus of this training.

Service literature, product information, brand catalogs and FAQs are also available around the clock on the web. Just access ***www.cooperpowertools.com*** for the latest information available.






Airetool
12.2
13
Tightening Manager
TM-COM
TM-COM1
TM-COM1M
Cleco

Sales & Service Centers

Note: All locations may not service all products. Please contact the nearest Sales & Service Center for the appropriate facility to handle your service requirements.

Dallas, TX

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Fax: (248) 391-6295

Houston, TX

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Lexington, SC

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Lexington, SC 29072
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Tel: (803) 951-7544
Fax: (803) 358-7681

York, PA

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Fax: (011) 525 5870 5012

Cooper Power Tools Is On The Web!

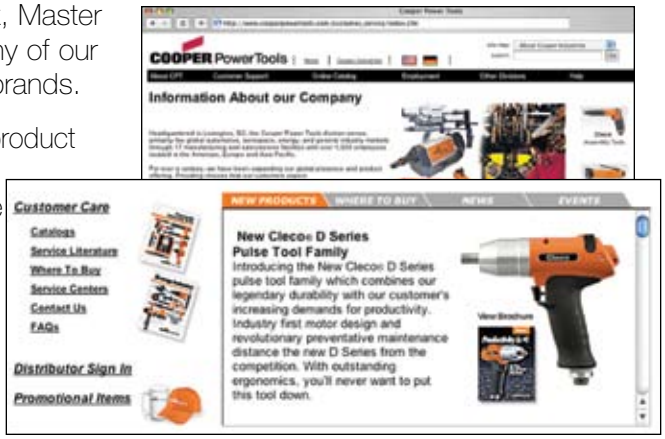


Cooper Power Tools provides a complete resource for power tools on-line. Our website ***www.cooperpowertools.com*** offers product information, service literature, brand catalogs, press releases and more. A dominant source of information, the Cooper Power Tools website is your source for application solutions on-line.

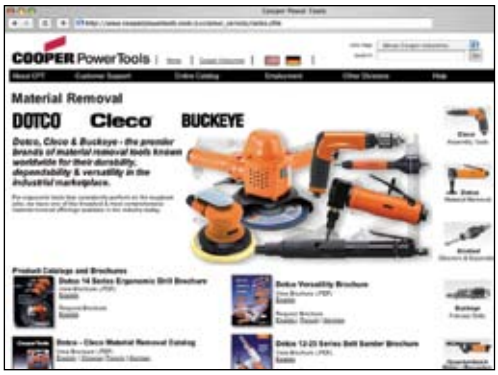


Making your job easier is our goal!

You can access service literature anytime. Choose a category such as Assembly Tools or Material Removal Tools from the main menu and then click on the brand you're looking for. You'll be on your way to any current service literature you need, whether it's Cleco, Apex, Master Power, or any of our power tool brands.



Up-to-date product catalogs are also available online providing you with current information on our broad product line. Even Material Safety Data Sheets (M.S.D.S.) for Safety and Disposal Information are available on our website.



It's simple!

Our *Customer Care* section provides you with information such as answers to frequently asked questions or contact phone numbers and addresses for your area of the country. You can browse through the *What's New* information to learn how Cooper Power Tools continues to be your source for solutions.

For even faster searches, you can go direct to a brand site by simply entering the brand name. Entering ***www.dotco-tools.com*** takes you directly to the Dotco brand site.

What is the future of ***www.cooperpowertools.com***? A dynamic site continuing to focus on your need for up-to-date information on the latest Cooper Power Tools' offerings that you can access anytime you need... twenty-four hours a day, seven days a week!

Order Catalogs & Literature On-Line

One of the broadest range of tools in the world is at your fingertips!

Cooper Power Tools covers a wide range of industrial markets, including aerospace, automotive, foundries, furniture, general industry, metal fabrication, petroleum, power generation, shipbuilding, and transportation. These markets have been served by Cooper Power Tools' brands for many decades, by offering our customers solutions and products that meet their demanding productivity requirements.



To receive a product catalog quickly, just go to ***www.cooperpowertoolscatalogs.com***. Select the literature or software you want. Then complete the "Contact Information" form, hit "Submit Request" and your order will be processed immediately. Materials normally arrive within 48 hours.



Apex Fastener Tools
A comprehensive line of industrial quality bits, finders, sockets and extensions.
(Catalog # TC-100)
www.apex-tools.com



Dotco/Cleco Material Removal Tools
A full line of pneumatic material removal tools including drills, sanders, and grinders.
(Catalog # SP-102)
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A broad line of quality pneumatic hoists for industrial applications.
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Industrial quality universal joints that can be custom designed for most any application.
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www.apexuniversal.com



Buckeye • Dotco • Gardner-Denver Power Motors
A comprehensive line of industrial pneumatic motors for a multitude of applications.
(Catalog # SP-104)
www.buckeye-tools.com



Master Power Industrial Air Tools
A complete line of industrial pneumatic tools for assembly and material removal applications.
(Catalog # SP-904)
www.masterpowertools.com



Cleco Pneumatic Assembly Tools
A full line of industrial pneumatic assembly tools from screwdrivers to nutrunners to impacts.
(Catalog # SP-1000)
www.clecotools.com



Buckeye Fixtured Drills
An extensive line of industrial pneumatic fixtured drills.
(Catalog # SP-105)
www.buckeye-tools.com



Utica Torque Products
A full line of torque measuring products including torque screwdrivers, torque wrenches and analyzers.
(Catalog # SP-301)
www.uticatools.com



Cleco D.C. Electric Assembly Tools
A complete line of industrial D.C. electric assembly tools and controllers.
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www.clecotools.com



Airetool Tube Cleaners & Expanders
A complete line of industrial tube cleaners, expanders and installation tools.
(Catalog # SP-1100)
www.airetools.com

Sales & Service Centers

Note: All locations may not service all products. Please contact the nearest Sales & Service Center for the appropriate facility to handle your service requirements.

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Téléfax: +33-1-6440-1717

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Fax: + 86-21-51118446

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www.cooperindustries.com

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