



FOR THE WAY YOU WORK



**SIoux
TOOLS INC.**

MISSION

To create and serve customers with quality products and service that meet or exceed their expectations.

HISTORY

A History of Success

Sioux Tools has a long and proud heritage of innovation as they have helped to shape the face of the tool industry. The company was started in November of 1914 by Swedish tool maker, Oscar Albertson, and office boy, Harold Jacobson, with a goal to become the "best machine and tool shop". Sioux has since grown to become a trusted partner by a wide range of industrial and manufacturing segments.

Originally named Albertson & Company, the first items manufactured were piston rings, spark plugs and a gas saver. They soon expanded their line to become a powerful force in the marketplace. In early 1917, Oscar Albertson designed a valve lathe- a hand tool used to seat engine valves. This invention proved to be the foundation upon which Sioux Tools has built a reputation for innovation throughout the world.

During the 1920s the company revolutionized the tool industry by introducing some of the very first hand held power tools. In 1958 the company further solidified its position as a market leader by designing and producing its first air powered tools. Today, Sioux Tools has been granted well over 100 patents. Innovation, ingenuity and insight have established Sioux tools in the minds of the professional as the tool to depend on. Our commitment to continued development in ergonomics and innovative design ensures that we will meet the needs of professionals for many years to come.

Wherever there are markets for quality-built, reliable products, backed by strong after-sale dedication to customer satisfaction, you'll find Sioux Tools. Today we continue to strive to live up to our founding father's wish of being the "best in the world".

In 1994 Sioux Tools joined Snap-on Incorporated, which added industrial power tools to the extensive Snap-on line. Snap-on Incorporated is a leading global developer, manufacturer and marketer of tool and equipment solutions for professional tool users. Product lines include hand and power tools, diagnostics and shop equipment, tool storage products, diagnostics software and other solutions for the transportation service, industrial, government, education, agricultural, and other commercial applications, including construction and electrical. Founded in 1920, Snap-on is a \$2+ billion, S&P 500 company headquartered in Kenosha, Wisconsin and employs approximately 14,000 worldwide.

COMMITTED

Committed to your success

For nearly 90 years, Sioux Tools has been providing tools that have been designed and built by the best engineers in the country. We use only top-quality materials in our manufacturing process, and we offer the strongest support and warranty in the business. Our over 100 patents are an indication of our innovation in product development and design.

Sioux Tools are built tough to provide you with many years of trouble-free service. But as with any piece of equipment, service problems can occur, thus Sioux tools are designed to make servicing quick, easy and affordable.

To help ensure fast repairs, which in turn limit downtime, Sioux Tools offers training seminars that cover all the details of the tools we make. For information on our training program, please contact your local Sioux Tools representative.



Photo courtesy of: AAA Aerial Photo's



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SIoux TOOLS, INC. POWER TOOLS WARRANTY

Except as otherwise provided herein, Sioux Tools Inc. warrants the product for 1 year from the date of original purchase against defects in workmanship and materials that prevent their use. Consumable parts are warranted, at the time of sale, against defects in workmanship and materials that prevent their use. Consumable parts are goods reasonably expected to be used up or damaged during use, including but not limited to, cables, sensors and batteries. This warrantee only extends to the original Buyer and cannot be transferred or assigned.

In the event the product fails to give satisfactory service due to a defect in materials or workmanship during the specified warranty period, at its option, Sioux Tools Inc. will repair or replace the product or provide a refund by repaying or crediting the Buyer with an amount equal to the purchase price of the product. Repair, replacement or refund shall be at the sole election and expense of Sioux Tools Inc. and is Buyer's exclusive remedy in place of all other rights and remedies. To obtain warrantee service, contact Sioux Tools Inc. or a Sioux Tools Inc. representative or distributor. Proof of purchase must be provided with all warranty service requests. By repairing or replacing the product, or providing a refund, Sioux Tools Inc. does not waive a claim that the product nevertheless has been subject to abnormal use.

Sioux Tools Inc. does not provide any warrantee for (i) recalibration; or (ii) product subject to "abnormal use". "Abnormal use" includes misuse, accident, modification, alteration, unreasonable or improper use, abuse, neglect, lack of maintenance, use in product related service, or use after the product is significantly worn. Further, this Warrantee DOES NOT cover any damage to, or in operability or improper operation of the product caused by, resulting from or attributable to (1) installation or maintenance; (2) fire, water, wind, lightning or other natural causes; (3) damaged caused by adverse environmental conditions, including without limitation, extreme temperatures, moisture, corrosive elements, dust or other air contaminants, radio frequency interference, electric power failure, power line voltages beyond those specified for the product, unusual physical, electrical or electromagnetic stress and/or other condition outside of Sioux Tools Inc. environmental specifications; (4) use of the product in combination or connection with other product, attachments, supplies or consumables not manufactured or distributed by Sioux Tools Inc.; or (5) failure to comply with any applicable federal, state or local regulation, requirement or specification governing emission analyzers and related supplies or consumables. Parts and labor needed to maintain your product and any replacement parts necessary do to normal wear and tear are not covered by this written warrantee and are the Buyer's responsibility.

THE FOREGOING WARANTEE IS IN LIEU OF AND EXCLUDES ALL OTHER WARANTEES NOT EXPRESSLY SET FORTH HEREIN, WETHER EXPRESS OR IMPLIED BY OPERATION OF LAW OR OTHERWISE, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARANTEES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AND SETS FORTH THE SOLE AND EXCLUSIVE REMEDY IN CONTRACT, TORT, STRICT LIABILITY OR OTHERWISE. SIoux TOOLS INC. DOES NOT GRANT ANY OTHER PERSON OR ENTITY PERMISSION TO CREATE FOR IT ANY WARANTEE, LIABILITY OR OBLIGATION IN CONNECTION WITH ITS PRODUCTS.

Sioux Tools Inc. shall not be liable for any incidental, special or consequential losses, costs or damages incurred by Buyer or others, directly or indirectly arising from the sale, handling or use of the products, or from any other cause with respect to the products or this warrantee, whether such claim is based upon breach of contract, breach of warrantee, strict liability in tort, negligence or any other legal theory (including without limitation, lost profits, revenues, anticipated sales, businesses opportunities, good will, or interruption of business or other injury or damage).

To the extent allowed by applicable law, this warrantee and all rights and obligations hereunder, including matters of construction, validity and performance, shall be governed by the substantive laws of the state of Wisconsin, without giving effect to the principles of conflicts of law thereof.

ISO 9001

In 1997 Sioux Tools received its ISO 9001 certification. This certification is essential to doing business in today's global marketplace. It affirms our dedication to quality and our continued commitment to improvement. It assures our customers that the products they purchase will consistently live up to the promise of performance. It also validates our target goal of achieving maximum quality in every stage of the process — from the initial concept and development all the way through the delivery of spare parts. Our customers can be certain that Sioux tools will live up to their high expectations and provide a long, trouble-free life.





CATALOG GUIDE

Color-coded Tabs

Quick reference indicator to locate a particular section

Product Description

Instant reference to the type of tools displayed

Photos

Visual reference of selective models

Features

List of significant features common to all items

Safety Info

A brief reminder of safety when operating industrial power tools

SIOUX TOOLS FORCE PRODUCT CATALOG | DRILLS

PISTOL GRIP DRILLS INLINE AIR DRILLS



- 3/8" (10 mm) Drill**
- Model No. 5445RKL**
- Keyless chuck
 - Reversible
 - Aluminum housing
 - Chuck capacity: 3/8" (10 mm)
 - Free speed: 1800 rpm
 - Weight: 3.0 lb (1.4 kg)
 - Length: 8.0" (200 mm)
 - Air inlet size: 1/4" NPT
 - Recommended hose size: 3/8" (10 mm)



- 1/2" (13 mm) Drill**
- Model No. 5450R**
- Keyed chuck
 - Reversible
 - Aluminum housing
 - Support handle
 - Free speed: 550 rpm
 - Chuck capacity: 1/2" (13 mm)
 - Weight: 4.3 lb (1.95 kg)
 - Length: 9.25" (235 mm)
 - Air inlet size: 1/4" NPT
 - Recommended hose size: 3/8" (10 mm)



- 3/8" (10 mm) Drill**
- Model No. 5445R**
- Keyed chuck
 - Reversible
 - Aluminum housing
 - Chuck capacity: 3/8" (10 mm)
 - Free speed: 1800 rpm
 - Weight: 3.0 lb (1.4 kg)
 - Length: 8.0" (200 mm)
 - Air inlet size: 1/4" NPT
 - Recommended hose size: 3/8" (10 mm)



- 3/8" (10 mm) Inline Air Drill**
- Model No. 5434**
- Keyed Chuck
 - Non-Reversible
 - Aluminum housing
 - Lockoff level throttle
 - Rear exhaust
 - Built-in speed regulator
 - Free speed: 2500 rpm
 - Chuck capacity: 3/8" (10 mm)
 - Weight: 2.0 lb (0.9 kg)
 - Length: 8.0" (200 mm)
 - Air inlet size: 1/4" NPT
 - Recommended hose size: 3/8" (10 mm)



- 3/8" (10 mm) Drill**
- Model No. 5440KL**
- Keyless chuck
 - Non-reversible
 - Aluminum housing
 - Chuck capacity: 3/8" (10 mm)
 - Free speed: 2300 rpm
 - Weight: 2.1 lb (1.0 kg)
 - Length: 7.5" (190 mm)
 - Air inlet size: 1/4" NPT
 - Recommended hose size: 3/8" (10 mm)



- 3/8" (10 mm) Inline Air Drill**
- Model No. 5434KL**
- Keyless Chuck
 - Non-Reversible
 - Aluminum housing
 - Lockoff level throttle
 - Rear exhaust
 - Built-in speed regulator
 - Chuck capacity: 3/8" (10 mm)
 - Free speed: 2500 rpm
 - Weight: 2.0 lb (0.9 kg)
 - Length: 8.0" (200 mm)
 - Air inlet size: 1/4" NPT
 - Recommended hose size: 3/8" (10 mm)



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1



CATALOG GUIDE

Standard Equipment

Under this heading a specification is given for each type of tool and of the parts (nipples, keys, guards, etc.) supplied with the tool.

A parts list and safety and instruction manual are always included in the package with every tool.

Air consumption

The air consumption of the tools is stated in cubic feet per minute (cfm) and liters per second, l/s, and relates to free air, i.e., the compressed air expanded to atmospheric pressure. Unless otherwise stated, the figures are valid at a working pressure of 90 psig (6.2 bar) and indicate the maximum air consumption unless otherwise stated.

Maximum air consumption for non-governed tools is achieved at free speed when the tool is running at no load. A tool with governed speed control has the maximum air consumption at the maximum power output.

Speed

The tool speeds are indicated in revolutions per minute, (rpm), and indicate the free speed, i.e., the speed at which the tool runs at no load and at a working pressure of 90 psig (6.2 bar), unless otherwise specified. The speed at maximum output is estimated as 50% of the idling speed for non-governed tools and 80-90% of the idling speed for tools with governed speed control.

Weight and Length

The weight of the tools are listed in both pounds (lb) and kilograms (kg), and the length is listed in both inches (in) and millimeters (mm).

Side to Center

This measurement is taken from the center of the tool to the outside edge. It is useful for applications requiring the tool to fit into a precise or limited space.

Quick Conversion Chart

Length

1 in.	=	0.0254 m
1 m	=	39.3701 in.
1 m	=	3.2808 ft
1 in.	=	25.4 mm
1 ft	=	304.8 mm
1 mm	=	0.03937 in.

Weight

1 lb	=	0.4536 kg
1 kg	=	2.2046 lb

Torque

1 kpm	=	9.8067 Nm
1 ft lb	=	1.3558 Nm
1 in. lb	=	0.1130 Nm
1 Nm	=	0.1020 kpm
1 Nm	=	0.7376 ft lb

Pressure

1 bar	=	100 kPa
1 kg/cm ² (at)	=	98.0665 kPa
1 psi	=	6.8948 kPa
1 kPa	=	0.145 psi
1 kPa	=	0.01 bar
1 kPa	=	0.0101972 kg/cm ² (at)

Power

1 kgm/s	=	9.8067 w
1 hp	=	745.7 w
1 kw	=	101.972 kgm/s
1 kw	=	1.3410 hp

Flow

1 m ³ /min	=	16.6667 l/s
1 cfm	=	0.4720 l/s
1 m ³ /h	=	0.2778 l/s
1 l/s	=	2.1189 cfm



FORCE TOOLS

The Force of the Tool Industry

Sioux Tools is known around the world for quality, durability and performance. Our extensive and always expanding line of industrial power tools are engineered to make any job easier, safer and more efficient. We build tools that stand up to the demanding specifications required by today's industrial manufacturing, assembly and finishing needs.

Force

Sioux Tools designs the tool to fit the application. Many businesses require tools that can deliver high performance but are not subject to the constant demands of industrial applications. To meet these requirements, Sioux developed the Force line. The Force lineup is designed primarily for the MRO (Maintenance Repair Operations) and manufacturing support functions, however, the quality of these tools will allow them to go beyond these typical support applications to fit the bill in many of your manufacturing processes.

Force tools are designed to complement the durability and performance of our industrial line. Check out the following line of Force tools in this catalog.

Drills

Sanders

Impact Wrenches

Polishers

Impact Drivers

Hammers & Scalers

Ratchet Wrenches

Reciprocating Saw

Grinders

Cut-off Tool





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We Take On Any Job... Bit By Bit

Industry Leader

Regarded as the Number 1 choice in the industry, Sioux Tools' pneumatic drills are known around the world for their exceptional engineering and construction. A wide range of configurations, speeds, and options ensure a perfect match for any application. Choose from pistol grip, inline and right angle designs that will help you get the job done fast and efficiently. Sioux also offers a complete line of accessories including a huge section of hole saws.

Designed to work

Sioux Tools offers one of the widest selections of drills on the market today. With free speeds from 550 to 2,500 rpm we have the right drill for any application, for use with any type material. The gears are designed and built tough to handle demanding jobs, yet even under load, operate quietly and efficiently. Sioux drills come in both reverse and non-reverse models.

Ergonomics

All Sioux Drills offer ergonomic features to provide maximum comfort during operation. Many models include comfortable insulating grips to reduce cold and vibration. Due to the high torque output, model 5450R includes a auxiliary support handle for more control.



PISTOL GRIP DRILLS
INLINE AIR DRILLS

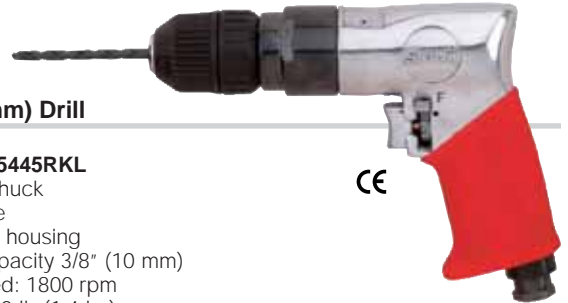


3/8" (10 mm) Drill

Model No. 5440

- Keyed chuck
- Non-reversible
- Aluminum housing
- Chuck capacity: 3/8" (10 mm)
- Free speed: 2300 rpm
- Weight: 2.1 lb (1.0 kg)
- Length: 7.9" (190 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)

CE

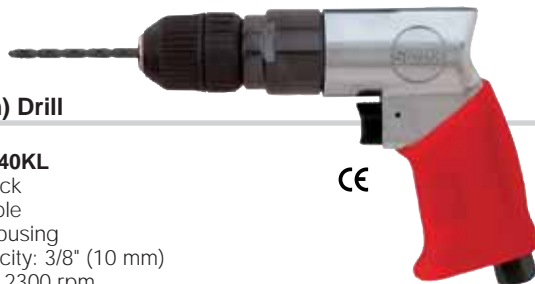


3/8" (10 mm) Drill

Model No. 5445RKL

- Keyless chuck
- Reversible
- Aluminum housing
- Chuck capacity 3/8" (10 mm)
- Free speed: 1800 rpm
- Weight: 3.0 lb (1.4 kg)
- Length: 8.0" (200 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)

CE

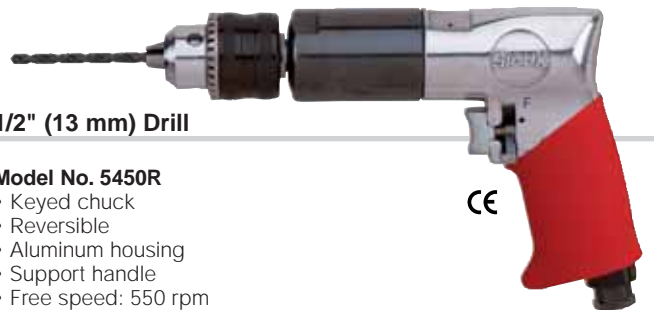


3/8" (10 mm) Drill

Model No. 5440KL

- Keyless chuck
- Non-reversible
- Aluminum housing
- Chuck capacity: 3/8" (10 mm)
- Free speed: 2300 rpm
- Weight: 2.1 lb (1.0 kg)
- Length: 7.5" (190 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)

CE

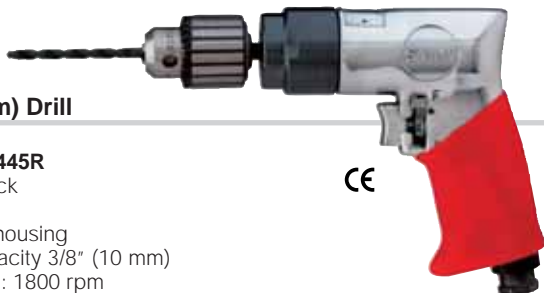


1/2" (13 mm) Drill

Model No. 5450R

- Keyed chuck
- Reversible
- Aluminum housing
- Support handle
- Free speed: 550 rpm
- Chuck capacity: 1/2" (13 mm)
- Weight: 4.3 lb (1.95 kg)
- Length: 9.25" (235 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)

CE



3/8" (10 mm) Drill

Model No. 5445R

- Keyed chuck
- Reversible
- Aluminum housing
- Chuck capacity 3/8" (10 mm)
- Free speed: 1800 rpm
- Weight: 3.0 lb (1.4 kg)
- Length: 8.0" (200 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)

CE



3/8" (10 mm) Inline Air Drill

Model No. 5434

- Keyed Chuck
- Non-Reversible
- Aluminum housing
- Lockoff level throttle
- Rear exhaust
- Built-in speed regulator
- Free speed: 2500 rpm
- Chuck capacity: 3/8" (10 mm)
- Weight: 2.0 lb (0.9 kg)
- Length: 8.0" (200 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)

CE



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1

INLINE AIR DRILLS
 RIGHT ANGLE DRILLS
 DRILL ACCESSORIES



3/8" (10 mm) Inline Air Drill

Model No. 5434KL

- Keyless Chuck
- Non-Reversible
- Aluminum housing
- Lockoff level throttle
- Rear exhaust
- Built-in speed regulator
- Chuck capacity: 3/8" (10 mm)
- Free speed: 2500 rpm
- Weight: 2.0 lb (0.9 kg)
- Length: 8.0" (200 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)



3/8" (10 mm) Right Angle Drill

Model No. 5430

- Keyed chuck
- Reversible
- Aluminum housing
- Rear exhaust
- Built-in speed regulator
- Free speed: 1200 rpm
- Chuck capacity: 3/8" (10 mm)
- Weight: 2.5 lb (1.1 kg)
- Length: 8.0" (200 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)



3/8" (10 mm) Right Angle Drill

Model No. 5430KL

- Keyless chuck
- Reversible
- Aluminum housing
- Rear exhaust
- Built-in speed regulator
- Free speed: 1200 rpm
- Chuck capacity: 3/8" (10 mm)
- Weight: 2.5 lb (1.1 kg)
- Length: 8.0" (200 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)



Quick Change Chuck: Part No. 2352

Adapts 3/8"-24 threaded spindles to 1/4" hex quick change



Pilot Drills



Part Number	Size	For Use With These Arbors
355B	1/4" (6 mm)	351D
355C	1/4" (6 mm)	351D, 352B, 353A, 356B

Arbors



Part Number	Minimum Drill Size	Thread Size	For Use With Hole Saw Sizes
351D	1/4" (6 mm)	1/2" - 20	5/8" (16 mm) - 1-1/4" (31 mm)

Drill Arbors



49

Part Number	Thread Size	Shank Size	Body Size
49	3/8" - 16	1/4"	1/2"
49A	5/8" - 11	1/4"	5/8"

Arbor Adapter: Part No. 438

Adapts arbor with 1/2"-20 thread to hole saws with 5/8"-18 thread



438

Part Number	Size	For Use With Arbor
438	1-1/4" thru 1-1/2"	351D



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
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Drill Chucks & Keys

Adapts arbor with 1/2"-20 thread to hole saw with 5/8"-18 thread

Chuck Capacity	Thread Size	Chuck Part No.	Key Part No.	Key Holder No.
0 - 1/4"	3/8" - 24	21077	30000	
0 - 1/4"	3/8" - 24	21019A	30202	
0 - 3/8"	1/2" - 20	21002	30011	14273
0 - 3/8"	3/8" - 24	21085	30231	14273
1/16" - 3/8"	1/2" - 20	21131	30002	
1/16" - 3/8"	3/8" - 24	21133	30002	14273
1/16" - 3/8"1	3/8" - 24	65562		
5/64" - 1/2"	3/8" - 24	21132	30429	
5/64" - 1/2"	1/2" - 20	21137	30011	14273

1Keyless Chuck

Keyed chucks include key



Side Handle

506156 / 506155

Part Number	Description	Used On
506155	Clamp Ring	5450R
506156	Handle	5450R



7-Piece Hole Saw Kit: Part No. 276

Includes: 7/8" Hole Saw
1" Hole Saw
1-1/8" Hole Saw
1-1/4" Hole Saw
1-1/2" Hole Saw
And Part # 438 Adapter
And Part # 351D Arbor
Kit is packed in a high impact molded case



13-Piece Hole Saw Kit: Part No. 277

Includes: 3/4" Hole Saw
7/8" Hole Saw
1-1/8" Hole Saw
1-3/8" Hole Saw
1-1/2" Hole Saw
1-3/4" Hole Saw
2" Hole Saw
2-1/4" Hole Saw
2-1/2" Hole Saw
And Part # 351D Arbor
And Part # 356B Arbor
And Part # 355C Pilot Drill
And Part # 438 Adapter
Kit is packed in a high impact molded case



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal blue lines across its entire width. The lines are thin and consistent in color, set against a plain white background. There are no margins, text, or other markings present on the page.



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We're Making A Big Impact

Impact wrenches are the true workhorses of industrial power tools. These incredibly powerful tools make easy work of any job in a variety of applications. Before the creation of impact tools, workers had to manually strike a hammer against a hand wrench in order to loosen or tighten nuts or bolts. They could only manage a few blows per minute. But today's impact wrenches can exert more powerful blows, and some can produce up to 1,200 blows per minute. This is accomplished by using the energy of compressed air and converting the motor's torque into a rapid series of powerful rotary impacts.

Choice of Configuration

Sioux Tools offers Force Impact Wrenches and Impact Drivers in a wide variety of configurations to meet your specific needs. Choosing the right mix of features such as handle configuration, type of retainer, torque output, anvil length, and drive size will make operators more

productive, with less risk of discomfort and/or injury.

Built Tough

Built to a higher level of quality, Force Impact Wrenches and Impact Drivers are built a step above the standard. Manufactured from high quality materials, and utilizing the most advanced motor and clutch designs, these tools are constructed to hold in the toughest working environments.

High Quality

Force Impact Wrenches and Impact Drivers provide a high quality, cost-effective choice for your impact requirements. Featuring one of the widest selections of impact tools for general industry, Sioux Force impacts reach all aspects of the maintenance and repair market and beyond to manufacturing applications. With drive sizes ranging from, 1/4" (6 mm) to 1" (25 mm), including hex quick change drives, and torque outputs up to 2700 ft lb (3661 Nm), finding the tool to meet your performance requirements will be simple.

Our extensive lineup of impact tools includes a wide selection of important features including:

- Ball & Cam, Twin Hammer, Pin or Roller Cam impact mechanisms
- Inline, pistol grip, or D handle configurations
- Pin, friction ring, quick change, or thru hole socket retainers
- Standard or extended anvils





3/8" (10 mm) Ratchet Wrench



Model No. 5007

- Steel angle head
- Aluminum housing
- Ergonomic Composite Grip
- Grade 5 bolt capacity: 5/16" (8 mm)
- Drive size: 3/8" (10 mm)
- Maximum torque: 20 ft lb (27 Nm)
- Free speed: 265 rpm
- Weight: 1.3 lb (0.55 kg)
- Length: 6.6" (168 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 1.4 cfm (37 l/s) avg. – 5.2 cfm (147 l/s) max.



1/4" (6 mm) Ratchet Wrench



Model No. 5009

- Steel angle head
- Aluminum housing
- Ergonomic Composite Grip
- Grade 5 bolt capacity: 5/16" (8 mm)
- Drive size: 1/4" (6 mm)
- Maximum torque: 20 ft lb (27 Nm)
- Free speed: 265 rpm
- Weight: 1.5 lb (0.5 kg)
- Length: 6.6" (168 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 1.2 cfm (37 l/s) avg. – 5.2 cfm (147 l/s) max.



3/8" (10 mm) Ratchet Wrench



Model No. 5011

- Steel angle head
- Aluminum housing
- Ergonomic Composite Grip
- Grade 5 bolt capacity: 7/16" (11 mm)
- Drive size: 3/8" (10 mm)
- Maximum torque: 50 ft lb (68 Nm)
- Free speed: 185 rpm
- Weight: 2.6 lb (1.2 kg)
- Length: 10.8" (274 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.0 cfm (85 l/s) avg. – 12.0 cfm (340 l/s) max.



1/2" (13 mm) Ratchet Wrench



Model No. 5013

- Steel angle head
- Aluminum housing
- Ergonomic Composite Grip
- Grade 5 bolt capacity: 7/16" (11 mm)
- Drive size: 1/2" (13 mm)
- Maximum torque: 50 ft lb (68 Nm)
- Free speed: 185 rpm
- Weight: 2.6 lb (1.2 kg)
- Length: 10.8" (274 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.0 cfm (85 l/s) avg. – 12.0 cfm (340 l/s) max.



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1

IMPACT WRENCHES

3/8" (10mm) & 1/2" (13mm)



3/8" (10 mm) Inline Impact Wrench

Model No. 5035

- Lever start
- Suspension Bail
- Steel anvil housing
- Twin Hammer Impact mechanism
- Built-in power regulator
- Friction Ring Socket Retainer
- Grade 5 bolt capacity: 3/8" (10 mm)
- Drive size: 3/8" (10 mm)
- Working torque range: 5-60 ft lb (7-81 Nm)
- Max. torque: 80 ft lb (108 Nm)
- Free speed: 7000 rpm
- Blows per minute: 1200
- Weight: 2.7 lb (1.2 kg)
- Length: 8.6" (218 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.6 cfm (102 l/s) avg. – 14.5 cfm (410 l/s) max.



3/8" (10 mm) Butterfly Impact Wrench

Model No. 5045

- Built-in power regulator
- Swivel air inlet bushing
- Friction ring socket retainer
- Grade 5 bolt capacity: 3/8" (10 mm)
- Drive size: 3/8" (10 mm)
- Working torque range: 15-160 ft lb (20-217 Nm)
- Max. torque: 175 ft lb (237 Nm)
- Free speed: 9500 rpm
- Blows per minute: 1850
- Weight: 2.5 lb (1.1 kg)
- Length: 7.6" (193 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 2.5 cfm (1.2 l/s) avg.



3/8" (10 mm) Butterfly Impact Wrench

Model No. 5045P

- Built-in power regulator
- Swivel air inlet bushing
- Pin socket retainer
- Grade 5 bolt capacity: 3/8" (10 mm)
- Drive size: 3/8" (10 mm)
- Working torque range: 15-160 ft lb (20-217 Nm)
- Max. torque: 175 ft lb (237 Nm)
- Free speed: 9500 rpm
- Blows per minute: 1850
- Weight: 2.5 lb (1.1 kg)
- Length: 7.6" (193 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 2.5 cfm (1.2 l/s) avg.



3/8" (10 mm) Impact Wrench

Model No. 5038B

- Reverse bias power
- Pin style impact mechanism
- Oil bath lubrication
- Built-in power regulator
- Molded comfort grip
- Friction ring socket retainer
- Grade 5 bolt capacity: 3/8" (10 mm)
- Drive size: 3/8" (10 mm)
- Working torque range: 50-160 ft lb (68-217 Nm)
- Max. torque: 185 ft lb (251 Nm)
- Free speed: 8500 rpm
- Blows per minute: 1160
- Weight: 3.7 lb (1.7 kg)
- Length: 6.3" (160 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.5 cfm (100 l/s) avg. – 14.0 cfm (395 l/s) max.



3/8" (10 mm) Impact Wrench

Model No. 5039B

- Reverse bias power
- Pin style impact mechanism
- Oil bath lubrication
- Molded comfort grip
- Built-in power regulator
- Pin socket retainer
- Grade 5 bolt capacity: 3/8" (10 mm)
- Drive size: 3/8" (10 mm)
- Working torque range: 50-160 ft lb (68-217 Nm)
- Max. torque: 185 ft lb (251 Nm)
- Free speed: 8500 rpm
- Blows per minute: 1,160
- Weight: 3.7 lb (1.7 kg)
- Length: 6.3" (160 mm)
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.4 cfm (100 l/s) avg. – 14.0 cfm (395 l/s) max.



1/2" (13 mm) Impact Wrench

Model No. 5250A

- Reverse bias power
- Pin style impact mechanism
- Oil bath lubrication
- Built-in power regulator
- Molded comfort grip
- Friction ring socket retainer
- Grade 5 bolt capacity: 5/8" (16 mm)
- Drive size: 1/2" (13 mm)
- Working torque range: 50-375 ft lb (68-508 Nm)
- Max. torque: 525 ft lb (712 Nm)
- Free speed: 7000 rpm
- Blows per minute: 985
- Weight: 6.0 lb (2.7 kg)
- Length: 7.7" (196 mm)
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.5 cfm (100 l/s) avg. – 14.0 cfm (395 l/s) max.



IMPACT WRENCHES
1/2" (13mm)

1/2" (13 mm) Impact Wrench

Model No. 5000

- Twin hammer impact mechanism
- Front exhaust
- Built-in power regulator
- Friction ring socket retainer
- Grade 5 bolt capacity: 5/8" (16 mm)
- Drive size: 1/2" (13 mm)
- Working torque: 25-300 ft lb (34-407 Nm)
- Max. torque: 425 ft lb (576 Nm)
- Free speed: 8000 rpm
- Blows per minute: 1,200
- Weight: 5.6 lb (2.5 kg)
- Length: 7.4" (188 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 4.2 cfm (120 l/s) avg. – 16.8 cfm (475 l/s) max.



1/2" (13 mm) Impact Wrench

Model No. 5050A

- Reverse bias power
- Twin hammer impact mechanism
- Built-in power regulator
- Down handle exhaust
- Steel anvil housing
- Friction ring socket retainer
- Grade 5 bolt capacity: 5/8" (16 mm)
- Drive size: 1/2" (13 mm)
- Working torque: 50-350 ft lb (68-474 Nm)
- Max. torque: 475 ft lb (644 Nm)
- Free speed: 8,000 rpm
- Blows per minute: 1100
- Weight: 5.6 lb (2.5 kg)
- Length: 7.4" (188 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.6 cfm (102 l/s) avg. – 14.5 cfm (410 l/s) max.



1/2" (13 mm) Impact Wrench

Model No. 5000P

- Twin hammer impact mechanism
- Front exhaust
- Built-in power regulator
- Friction ring socket retainer
- Grade 5 bolt capacity: 5/8" (16 mm)
- Drive size: 1/2" (13 mm)
- Working torque: 25-300 ft lb (34-407 Nm)
- Max. torque: 425 ft lb (576 Nm)
- Free speed: 8000 rpm
- Blows per minute: 1,200
- Weight: 5.6 lb (2.5 kg)
- Length: 7.4" (188 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 4.2 cfm (120 l/s) avg. – 16.8 cfm (475 l/s) max.



1/2" (13 mm) Impact Wrench

Model No. 5050AL

- Reverse bias power
- Twin hammer impact mechanism
- Oil bath lubrication
- 2" extended anvil
- Down handle exhaust
- Built-in power regulator
- Friction ring socket retainer
- Grade 5 bolt capacity: 5/8" (16 mm)
- Drive size: 1/2" (13 mm)
- Working torque: 50-350 ft lb (68-474 Nm)
- Max. torque: 450 ft lb (610 Nm)
- Free speed: 8000 rpm
- Blows per minute: 1,100
- Weight: 5.8 lb (2.6 kg)
- Length: 9.4" (239 mm)
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.5 cfm (100 l/s) avg. – 14.0 cfm (395 l/s) max.



1/2" (13 mm) Impact Wrench

Model No. 5000L

- Twin hammer impact mechanism
- 2" Extended Anvil
- Front exhaust
- Built-in power regulator
- Friction ring socket retainer
- Grade 5 bolt capacity: 5/8" (16 mm)
- Drive size: 1/2" (13 mm)
- Working torque: 25-300 ft lb (34-407 Nm)
- Max. torque: 425 ft lb (576 Nm)
- Free speed: 8000 rpm
- Blows per minute: 1,200
- Weight: 5.6 lb (2.5 kg)
- Length: 9.4" (240 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 4.2 cfm (120 l/s) avg. – 16.8 cfm (475 l/s) max.



1/2" (13 mm) Impact Wrench

Model No. 5051A

- Reverse bias power
- Twin hammer impact mechanism
- Built-in power regulator
- Down handle exhaust
- Steel anvil housing
- Pin socket retainer
- Grade 5 bolt capacity: 1/2" (13 mm)
- Drive size: 1/2" (13 mm)
- Working torque: 50-350 ft lb (68-474 Nm)
- Max. torque: 475 ft lb (644 Nm)
- Free speed: 8000 rpm
- Blows per minute: 1,100
- Weight: 5.6 lb (2.5 kg)
- Length: 7.4" (188 mm)
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.5 cfm (100 l/s) avg. – 14.0 cfm (395 l/s) max.



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1

IMPACT WRENCHES

3/4" (19mm) & 1" (25mm)

3/4" (19 mm) Impact Wrench

Model No. 5075A

- Aluminum housing
- Steel anvil housing
- Roller cam impact mechanism
- Built-in power regulator
- Friction ring and thru hole socket retainer
- Grade 5 bolt capacity: 3/4" (19 mm)
- Drive size: 3/4" (19 mm)
- Working torque: 300-800 ft lb (34-1084 Nm)
- Max. torque: 1200 ft lb (1627 Nm)
- Free speed: 4500 rpm
- Blows per minute: 870
- Weight: 12.6 lb (5.7 kg)
- Length: 10.2" (259 mm)
- Recommended hose size: 1/2" (13 mm)
- Air Consumption: 5.8 cfm (164 l/s) avg. – 23.2 cfm (655 l/s) max.



CE

3/4" (19 mm) Impact Wrench

Model No. 5075AL

- Roller cam impact mechanism
- 6" (152 mm) extended anvil
- Oil bath lubrication
- Molded comfort grip
- Built-in power regulator
- Friction ring and thru hole socket retainer
- Grade 5 bolt capacity: 3/4" (19 mm)
- Drive size: 3/4" (19 mm)
- Working torque: 300-800 ft lb (34-1084 Nm)
- Max. torque: 1200 ft lb (1627 Nm)
- Free speed: 4500 rpm
- Blows per minute: 870
- Weight: 15.7 lb (7.1 kg)
- Length: 16.2" (411 mm)
- Recommended hose size: 1/2" (13 mm)
- Air Consumption: 5.8 cfm (164 l/s) avg. – 23.2 cfm (655 l/s) max.



CE

1" (25 mm)

High Torque Impact Wrench

Catalog No. 5092

- Pin impact mechanism
- Oil bath lubrication
- Support handle
- Friction Ring and Thru hole socket retainer
- Grade 5 bolt capacity: 1-1/2" (38 mm)
- Drive size: 1" (25 mm)
- Working torque: 600-1400 ft lb (813-1898 Nm)
- Max. torque: 2800 ft lb (3797 Nm)
- Free speed: 4000 rpm
- Blows per minute: 500
- Weight: 24.9 lb (11.3 kg)
- Length: 11.9" (302 mm)
- Recommended hose size: 1/2" (13 mm)
- Air Consumption: 8.3 cfm (235 l/s) avg. – 33.2 cfm (938 l/s) max.



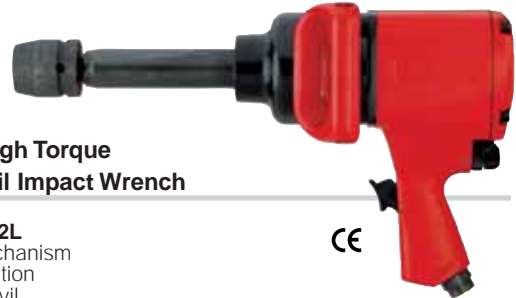
CE

1" (25 mm) High Torque

Extended Anvil Impact Wrench

Catalog No. 5092L

- Pin impact mechanism
- Oil bath lubrication
- 6" extended anvil
- Support handle
- Friction Ring and Thru hole socket retainer
- Grade 5 bolt capacity: 1-1/2" (38 mm)
- Drive size: 1" (25 mm)
- Working torque: 500-1300 ft lb (675-1762 Nm)
- Max. torque: 2500 ft lb (3390 Nm)
- Free speed: 4000 rpm
- Blows per minute: 500
- Weight: 27.3 lb (12.4 kg)
- Length: 16.9" (429 mm)
- Recommended hose size: 1/2" (13 mm)
- Air Consumption: 8.3 cfm (235 l/s) avg. – 33.2 cfm (938 l/s) max.



CE

1" (25 mm) High Torque Impact Wrench

Catalog No. 5093

- Pin impact mechanism
- Oil bath lubrication
- Support handle
- Friction Ring and Thru hole socket retainer
- Grade 5 bolt capacity: 1-1/2" (38 mm)
- Drive size: 1" (25 mm)
- Working torque: 600-1400 ft lb (813-1898 Nm)
- Max. torque: 3000 ft lb (4068 Nm)
- Free speed: 4000 rpm
- Blows per minute: 500
- Weight: 25.6 lb (11.6 kg)
- Length: 15.1" (384 mm)
- Recommended hose size: 1/2" (13 mm)
- Air Consumption: 8.3 cfm (235 l/s) avg. – 33.2 cfm (938 l/s) max.



CE

1" (25 mm) High Torque Impact Wrench

Catalog No. 5093L

- Pin impact mechanism
- 6" extended anvil
- Oil bath lubrication
- Support handle
- Friction Ring and Thru hole socket retainer
- Grade 5 bolt capacity: 1-1/2" (38 mm)
- Drive size: 1" (25 mm)
- Working torque: 500-1300 ft lb (675-1762 Nm)
- Max. torque: 2700 ft lb (3661 Nm)
- Free speed: 4000 rpm
- Blows per minute: 500
- Weight: 28.0 lb (12.7 kg)
- Length: 21.1" (536 mm)
- Recommended hose size: 1/2" (13 mm)
- Air Consumption: 8.3 cfm (235 l/s) avg. – 33.2 cfm (938 l/s) max.



CE





Socket Retaining Pins with "O" Rings

Retaining Pin	"O" Ring	For Use On
34911	14318	3/4" Dr. Sockets 6620-6638
34664	14317	3/4" Dr. Sockets 6640-6654
34665	14319	Adaptor 2568, All 1" Dr. Sockets



Quick Change Chuck

Adapts male square drive to female hex quick change

Part Number	Drive Size		Length
	Input (Square Drive)	Output (Hex)	
2530	3/8"	1/4"	1-13/16"
2520	1/2"	7/16"	



Square Drive Adapters

Part Number	2558	2559	2561	2562	2563	2564	2565	2566	2568
Female Sq.	3/8"	1/2"	1/2"	5/8"	5/8"	3/4"	3/4"	3/4"	1"
Male Sq.	1/2"	3/8"	3/4"	1/2"	3/4"	1/2"	5/8"	1"	3/4"



Universal Joint

Part No. 2751

3/8" female to 3/8" male square drive



Impact Sockets

Sizes Across Flats	Standard (6-Point)						Metric (6-Point)	
	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1/4"	3/8"
1/4"	2608						2608M	
5/16"	2610	3610					2610M	3610M
3/8"	2612	3612	4612					3612M
7/16"		3614	4614					
1/2"		3616	4616					
9/16"		3618	4618	5618				
5/8"		3620	4620	5620	6620			
11/16"		3622	4622					
3/4"			4624	5624	6624	8624		
13/16"			4626		6626			
7/8"			4628	5628	6628			
15/16"			4630	5630	6630	8630		
1"			4632		6632	8632		
1-1/16"			4634		6634	8634		
1-1/8"			4636	5636	6636	8636		
1-3/16"			4638		6638			
1-1/4"				4640	5640	6640	8640	
1-5/16"						6642	8642	
1-3/8"						6644	8644	



Ergonomic Handle Grip

Part No. 5002

Fits most Sioux Pistol Grip. Air Tools and Impacts, etc.



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1

ASSEMBLY ACCESSORIES



1/4" Insert Bit

Phillips Head

Part Number	Length		Point Size
	In.	mm	
2547	1	25	1
2548	1	25	2
2549	1	25	3



5/16" Insert Bit

Phillips Head

Part Number	Length		Point Size
	In.	mm	
2587	1-1/4	32	2
2588	1-1/4	32	3
2589	1-1/4	32	4



1/4" Insert Bit

Slotted Head

Part Number	Length		Point Size
	In.	mm	
2577	1-1/2	38	4F - 5R
2580	1-1/2	38	6F - 8R
2581	1-1/2	38	8F - 10R
2582	1-1/2	38	10F - 12R



5/16" Insert Bit

Slotted Head

Part Number	Length		Point Size
	In.	mm	
2594	1-1/2	38	8 - 10
2595	1-1/2	38	10 - 12
2596	1-1/2	38	12 - 14
2597	1-1/2	38	14 - 16



1/4" Insert Bit

Socket Head

Part Number	Length		Point Size
	In.	mm	
2950	1	25	3/32"
2535	1	25	1/8"
2536	1-5/16	33	5/32"
2567	1-5/16	33	3/16"



Slotted Head Bits With Finders

1/4" Hex Drive

Part Number	Bit Only	Finder Only	Length		Screw Sizes
			In.	mm	
2725	2733	2729	3-3/4	95	4, 5, 6
2726	2735	2729	6-3/4	170	4, 5, 6
2727	2737	2744	3-3/4	95	7, 8
2728	2739	2744	6-3/4	170	7, 8
2499	2740	2745	3-3/4	95	9, 10
2730	2741	2746	3-3/4	95	12
2731	2743	2747	3-7/8	98	12, 14



33 Piece Power Bit Set

Part No. 2974

Kit Contains:

1pc-Stainless Steel Magnetic Bit Holder

4pc-Phillips Bit: #0 #1 #2 #3

4pc-Pozi Bit: #0 #1 #2 #3

3pc-Square Bit: #0 #1 #2

7pc-Tamper-Proof Star Bit: T10 T15 T20 T25 T27 T30 T40

6pc-Slotted Bit: 1/8" 5/32" 3/16" 7/32" 1/4" 9/32"

8pc-Hex Bit: 5/64" 3/32" 7/64" 1/8" 5/32" 3/16" 7/32" 1/4"

Holder and all bits provided in a convenient PVC holder





1/4" Screwdriver Bit

Phillips Head

Part Number	Length		Point Size
	In.	mm	
2716	1-15/16	49	1
2717	3-1/2	89	1
2718	1-5/16	49	2
2719	3-1/2	89	2
2720	1-5/16	49	3



1/4" Screwdriver Bit

Slotted Head

Part Number	Length		Point Size
	In.	mm	
2733	3-3/4	95	4, 5, 6
2737	3-3/4	95	7, 8
2740	3-3/4	95	9, 10
2741	3-3/4	95	12
2743	3-7/8	98	12, 14



1/4" Screwdriver Bit

Socket Head

Part Number	Length		Point Size
	In.	mm	
2722	1-15/16	49	1/8
2780	1-15/16	49	9/64
2723	1-15/16	49	5/32
2724	1-15/16	49	3/16



1/4" Screwdriver Bit

Torx

Part Number	Length		Point Size
	In.	mm	
2934	T10	1-15/16	49
2935	T15	1-15/16	49
2936	T20	1-15/16	49
2937	T25	1-15/16	49
2938	T27	1-15/16	49
2939	T30	1-15/16	49
2940	T40	1-15/16	49



1/4" Screwdriver Bit

Robertson Bit

Part Number	Length		Point Size
	In.	mm	
2587	1-1/4	32	2
2588	1-1/4	32	3
2589	1-1/4	32	4



Magnetic Bit Holder

Part No. 2525

Accepts 1/4" Hex Insert Bits



Magnetic Bit Holder

Part No. 2525

Accepts 1/4" Hex Insert Bits



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1

NOTES



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Make Easy Work Out Of A Daily Grind

Force grinders are ready to take on any application with the power to make the job fast and easy. This means new speeds and attachments to handle increased precision with ergonomic comfort.

Force Grinders

Our line-up of Force Grinders continues to be among the most popular in the industry. The choice of light, medium and heavy-duty performance allow you to own the right tool for the right job that remains cost-effective. We have both straight and right angle models to fit any application

Our Pencil Die Grinders are lightweight powerhouses with a choice of either 50,000 rpm or an incredible 70,000 rpm for exceptional performance.

Safety

When operating any grinding tool be sure to follow all safety requirements and always wear eye and face protection. Doing so will protect both the operator and the tool.





Pencil Die Grinder

Model No. 5978A

- Twist throttle
- Remote exhaust
- Built-in speed regulator
- Power: 0.1 hp (0.07 kw)
- Free speed: 54,000 rpm
- Collet size: 1/8"
- Weight: 0.25 lb (0.11 kg)
- Length: 5.3" (135 mm)
- 60" (1,524 mm) hose with hose protector included
- Air Consumption: 4.2 cfm (118 l/s) avg. – 16.8 cfm (474 l/s) max.



Pencil Die Grinder

Model No. 5979A

- Twist throttle
- Remote exhaust
- Built-in speed regulator
- Power: 0.1 hp (0.07 kw)
- Free speed: 70,000 rpm
- Collet size: 1/8"
- Weight: 0.25 lb (0.11 kg)
- Length: 5.3" (135 mm)
- 60" (1,524 mm) hose with hose protector included
- Air Consumption: 5.3 cfm (150 l/s) avg. – 21.2 cfm (598 l/s) max.



Light Duty Die Grinder

Model No. 5053A

- Lockoff lever throttle
- Comfort Grip
- Front exhaust
- Built-in speed regulator
- Aluminum housing
- Power: 0.3 hp (0.2 kw)
- Free speed: 26,000 rpm
- Collet size: 1/4"
- Weight: 0.8 lb (0.4 kg)
- Length: 5.3" (135 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 4.0 cfm (113 l/s) avg. – 16.0 cfm (452 l/s) max.



Medium Duty Die Grinder

Model No. 5054A

- Lockoff lever throttle
- Comfort Grip
- Rear exhaust
- Built-in speed regulator
- Aluminum housing
- Power: 0.5 hp (0.4 kw)
- Free speed: 22,000 rpm
- Collet size: 1/4"
- Weight: 1.3 lb (0.6 kg)
- Length: 6.5" (165 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 4.0 cfm (113 l/s) avg. – 16.0 cfm (452 l/s) max.



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1

RIGHT ANGLE DIE GRINDERS



Heavy Duty Right Angle Die Grinder

Model No. 5055A

- Lockoff lever throttle
- Comfort Grip
- Aluminum housing
- Built-in speed regulator
- Power: 0.3 hp (0.2 kw)
- Free speed: 20,000 rpm
- Collet size: 1/4"
- Weight: 1.1 lb (0.5 kg)
- Length: 5.5" (140 mm)
- Head Height: 2.9" (74 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 4.0 cfm (113 l/s) avg.
– 16.0 cfm (452 l/s) max.



Right Angle Light Duty Die Grinder

Model No. 5056

- Lockoff lever throttle
- Comfort Grip
- Rear Exhaust
- Built-in speed regulator
- Power: 0.5 hp (0.4 kw)
- Free speed: 16,000 rpm
- Collet size: 1/4"
- Weight: 2.0 lb (0.9 kg)
- Length: 7.5" (190 mm)
- Head Height: 3.0" (76 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 4.5 cfm (127 l/s) avg.
– 18.0 cfm (508 l/s) max.



4 1/2" (115 mm) Right Angle Heavy Duty Grinder

Model No. 5268

- Aluminum housing
- Lockoff lever throttle
- Built-in speed regulator
- Free speed: 12,000 rpm
- Spindle size: 5/8" - 11
- Weight: 3.9 lb (1.7 kg)
- Length: 10.0" (254 mm)
- Head Height: 3.5" (90 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.3cfm (94 l/s) avg. – 13.2 cfm (373 l/s) max.



5" (127 mm) Right Angle Heavy Duty Grinder

Model No. 5285

- Aluminum housing
- Lockoff lever throttle
- Built-in speed regulator
- Free speed: 12,000 rpm
- Spindle size: 5/8" - 11
- Weight: 3.9 lb (1.7 kg)
- Length: 10.0" (254 mm)
- Head Height: 3.5" (90 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.3cfm (94 l/s) avg. – 13.2 cfm (373 l/s) max.





Finishing Index	
Sanders	29
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The Best Way To A Great Finish

If you're in the market for tough tools that will deliver the performance you demand, then you've found what you need with Force sanders, polishers and buffers. These exceptional tools take on any application from repair and maintenance to manufacturing. With state-of-the-art orbital sanders, polishers and buffers you will get your work done faster and more efficiently than ever.

Sioux sanders are engineered to cover the full range of applications in metal, composite, and wood finishing. Our innovative, lightweight designs ensure they perform to the highest standards while still being comfortable to operate. Each delivers unsurpassed power and performance, resulting in the perfect finish.

Fit to your application

Different applications require different finishing tools. That's why Sioux Tools offers a variety of sanders and polishers with a wide range of configurations.

Variety to choose from

We also offer pistol grip, right angle, vertical, and inline sanders and polishers. Many of these come with your choice of throttle controls that allow the operator to work the way that's most comfortable.



Pistol Grip Sander

Model No. 5540

- Aluminum housing
- Built-in speed regulator
- Free Speed: 14,000 rpm
- Weight: 2.2 lb. (1.0 kg)
- Length: 4.3" (109 mm)
- Air inlet size: 1/4" NPT
- Spindle thread: 7/16"-20
- Recommended hose size: 3/8" (10 mm)
- 3" (75 mm) and 4-1/2" (115 mm) backing pads included
- Air Consumption: 12.0 cfm (340 l/s) avg. – 30.0 cfm (847 l/s) max.



CE



5" (125 mm) Right Angle Air Sander

Model No. 5265

- Lockoff lever throttle
- Safety lever throttle
- Removable auxiliary handle and wrenches
- Built-in speed regulator
- Rear exhaust
- Backing pad for 5" (125 mm) abrasives included
- Free Speed: 7000 rpm
- Weight: 2.9 lb. (1.32 kg)
- Length: 9.4" (240 mm)
- Spindle thread: 5/8" - 11
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 4.5 cfm (127 l/s) avg. – 18.0 cfm (508 l/s) max.



Right Angle Sander

Model No. 5287A

- Lockoff lever throttle
- Support handle can be mounted on either side
- Rear exhaust
- Backing pad for 7" (180 mm) abrasives included
- Free Speed: 6000 rpm
- Pad diameter: 7" (180 mm)
- Weight: 4.4 lb. (2.0 kg)
- Length: 12.6" (320 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Spindle thread: 5/8"-11
- Air Consumption: 4.8 cfm (135 l/s) avg. – 19.2 cfm (542 l/s) max.

Gear Random Orbital Sander

Model No. 5557

- Geared output
- Built-in speed regulator
- Built-in hand guard
- Vinyl grip and head cover
- Free speed: 850 rpm
- Pad diameter: 8" (200 mm)
- Weight: 4.8 lb. (2.2 kg)
- Height: 4.7" (119 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- 8" (200 mm) backing pad included
- Air Consumption: 5.0 cfm (142 l/s) avg. – 20.0 cfm (565 l/s) max.
- 3/16" (5 mm) Orbit Diameter



Dual Action Sander

Model No. 5558A

- Built-in speed regulator
- Dual action sanding
- Vinyl grip and head cover
- Free speed: 10,000 rpm
- Pad diameter: 6" (150 mm)
- Weight: 4.3 lb. (2.0 kg)
- Height: 5.4" (137 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Sound level: 79 dB(A)
- 6" (150 mm) backing pad included
- Air Consumption: 5.0 cfm (142 l/s) avg. – 10.0 cfm (282 l/s) max.
- 3/8" (10 mm) Orbit Diameter



Dual Piston Inline Sander

Model No. 5560

- Dual handles
- Positive lock paper clamps
- 2500 spm (strokes per minute)
- Paper size: 2-3/4" x 17-1/2" (70 x 445 mm)
- Weight: 6.8 lb. (3.1 kg)
- Height: 16" (406 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- Air Consumption: 3.0 cfm (85 l/s) avg. – 12.0 cfm (340 l/s) max.



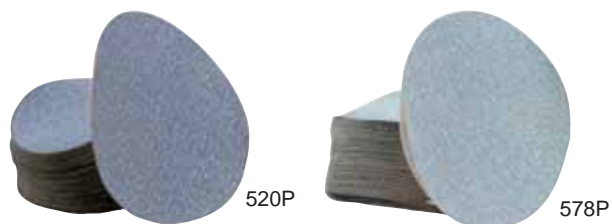
SAFETY PRECAUTION: Read and follow all safety and operating instructions.
WARNING: Face & eye protection must be worn while operating power tools, per ANSI B186.1

POLISHER
FINISHING ACCESSORIES

Orbital Sander Backing Pads

Sioux random orbital backing pads are medium density, urethane pads rated for speeds up to 13,000 rpm. The 5" pads are a 3/8" thick with low profile design, while the 6" pads are 5/8" thick with tapered profile for fine feathering in corners or around edges.

Part Number	Diameter		Backing	Profile	Style
	In.	mm			
593	5	125	PSA1	Low	Non-Vac
593V	5	125	PSA1	Low	Vacuum
593J	5	125	H&L2	Low	Non-Vac
593JV	5	125	H&L2	Low	Vacuum
594	6	150	PSA1	Tapered	Non-Vac
594V	6	150	PSA1	Tapered	Vacuum
594J	6	150	H&L2	Tapered	Non-Vac
594JV	6	150	H&L2	Tapered	Vacuum


Pressure Sensitive Adhesive Discs

For use with PSA Backing Pads
Packaged in cartons of 100

Part Number	Diameter		Grit	Features
	In.	mm		
519P	5	125	240	
520P	5	125	180	
521P	5	125	100	
519PV	5	125	240	Vacuum pickup holes
578P	6	150	180	
579P	6	150	100	
577PV	6	150	240	Vacuum pickup holes
578PV	6	150	180	Vacuum pickup holes
579PV	6	150	100	Vacuum pickup holes


Speed-Lok Backing Pads

For use on tools with 1/4" collets

Part Number	Diameter		Shank Size
	In.	mm	
587M	2	50	1/4"
588M	3	75	1/4"


Speed-Lok Abrasive Discs

For use on Speed-Lok Backing Pads (Above)

Part Number	Diameter		Grit
	In.	mm	
587-60	2	50	60
587-120	2	50	120
587-240	2	50	240
588-60	3	75	60
588-120	3	75	120
588-240	3	75	240





581, 2344, 2364

Backing Pads

For use on tools with 1/4" collets

Part Number	Diameter		For Use On
	In.	mm	
581*	5	125	7/16"-20 spindle thread
2344*	5	125	3/8"-24 spindle thread
2364*	5	125	5/8"-11 spindle thread

*includes disc nut 563



5205



5207

Part Number	Diameter		For Use On
	In.	mm	
5205+	5	125	5265
5207*	7	180	5287A & 5238A

*includes disc nut No. 67630

+does not include disc nut No. 67630 (order separately)



505770

Part Number	Diameter		For Use On
	In.	mm	
505770	8	200	5557



505079

Part Number	Diameter		For Use On
	In.	mm	
505079	2.75 X 17.5	70 X 445	5560



Fibre Backing Discs

Part No. 586

For use on 5540 series sander

Packaged in cartons of 6

Qty 3 - 3" (75 mm)

Qty 3 - 4-1/2" (110 mm)

Both have 7/8" (22 mm) arbor hole



846 C



1211



524



847



1220



1214

Polishing Accessories

Part Number	Description	For Use On
846C	Backing pad (includes 524)	All Polishers
1211	Wool polishing pad	All Polishers
524	Retaining nut	846C
847	Hook & loop backing pad	5238A
1220	Hook & loop polishing pad	5238A
1214	Polishing pad cleaning tool	



650



650-C



515I



515-600

Sanding Accessories

Part Number	Description	For Use On
650	2" ROL-LOC Pad (1/4" - 20 Thread)	5200
650-C	2" Coarse Sanding Pad (ROL-LOC Thread)	5200
515I	3" Hook & Loop Interface Pad	5201
515-600	3" 600 Grit Hook & Loop Abrasive Disc	5201



SAFETY PRECAUTION: Read and follow all safety and operating instructions.
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Percussive Index	
Hammers	35
Scalers	35 - 36
Percussive Accessories	36

Hammering Home A Point

Percussive tools, such as hammers, chippers and scalers, are commonly used in very abusive environments found in industries such as Foundry and Construction. Sioux Tools offers a variety of sizes, capacities and accessories built durable to ensure long life under tough operating conditions. We build them to work hard on the job, but not on you!

Force Tools

Our Force line-up of hammers deliver up to 4,800 blows per minute with stroke lengths from 1.8" (46 mm) to 3.8" (97 mm) and accept a .401 Parker Taper shank. Force hammers are also available in complete kits and come in durable carrying cases. Our lineup of Force scalers includes a weld flux scaler and mini-needle scaler that delivers 4,000 blows per minute with a 2" (50 mm) stroke.

We also feature a pistol grip needle scaler with a 3" (75 mm) stroke that delivers 3,000 blows per minute. You'll find a complete list of accessories for all Sioux percussive tools in the accessory section of this catalog.



Hammer



CE

Model No. 5272A

- Spring retainer
- Accepts .401 Parker Taper shanks
- Hardened steel barrel and piston
- Built-in Air Regulator
- Aluminum housing
- Stroke length: 1.6" (41 mm)
- Bore diameter: 0.8" (20 mm)
- Blows per minute: 4800
- Weight 3.0 lb (1.4 kg)
- Length: 5.8" (147 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)



Weld Flux Scaler

Model No. 5264

- Steel housing
- Quick-change ball-lock retainer
- Hardened steel barrel and piston
- Stroke length: 2.0" (50 mm)
- Bore diameter: 1.0" (25 mm)
- Blows per minute: 4000
- Weight 5.7 lb (2.6 kg)
- Length: 13.0" (330 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)

CE

Hammer



CE

Model No. 5273A

- Spring retainer
- Accepts .401 Parker Taper shanks
- Built-in Air Regulator
- Hardened steel barrel and piston
- Aluminum housing
- Stroke length: 2.6" (66 mm)
- Bore diameter: 0.8" (20 mm)
- Blows per minute: 3200
- Weight 3.8 lb (1.7 kg)
- Length: 7.1" (180 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)



Pistol Grip Needle Scaler

Model No. 5262

- Comfort Grip
- Hardened steel barrel and piston
- Stroke length: 3.0" (75 mm)
- Bore diameter: 0.9" (23 mm)
- Blows per minute: 3000
- Weight 5.7 lb (2.6 kg)
- Length: 10.0" (254 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- 19-0.12" (3 mm) Dia. x 7 (180 mm) long needles included

CE

Hammer



CE

Model No. 5274A

- Spring retainer
- Accepts .401 Parker Taper shanks
- Built-in Air Regulator
- Hardened steel barrel and piston
- Aluminum pistol-grip housing
- Stroke length: 3.8" (97 mm)
- Bore diameter: 0.8" (20 mm)
- Blows per minute: 2200
- Weight 4.7 lb (2.1 kg)
- Length: 9.3" (236 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)



Mini Needle Scaler

Model No. 5263

- Steel housing
- Hardened steel barrel and piston
- Stroke length: 2.0" (51 mm)
- Bore diameter: .7" (18 mm)
- Blows per minute: 4000
- Weight 2.6 lb (1.2 kg)
- Length: 11.4" (290 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- 19 - 0.12" (3 mm) Dia. x 5" (125 mm) long needles included

CE



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SCALERS PERCUSSIVE ACCESSORIES



Needle Scaler

Model No. 5266

- Steel housing
- Hardened steel barrel and piston
- Stroke length: 2.0" (51 mm)
- Bore diameter: 1.0" (25 mm)
- Blows per minute: 4000
- Weight 5.7 lb (2.6 kg)
- Length: 16.1" (409 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)
- 19 - 0.12" (3 mm) Dia. x 7" (180 mm) long needles included



ACCESSORIES



Beehive Spring Retainers

2207	Chisel Retainer Spring
2208	Special Spring, use in place of 2207 with 2201, 2205, 2716, 2217, 2219 and 2220



270 Rivet Sets

3-1/2" Overall Length

Rivet Head Cupping	Rivet Diameter Size				
	3/32" Part No.	1/8" Part No.	5/32" Part No.	3/16" Part No.	1/4" Part No.
Button Head	2228	2229	2230	2231	2244
Round Head	2232	2233	2234	2235	2245
Brazier Head	2236	2237	2238	2239	2246
Universal Head	2240	2241	2242	2243	2241



Hammer Chuck

Part Number	Description	For Use On
2270	Quick change air hammer chuck	5272A, 5273A, 5274A



Scaling Needles

Part Number	Diameter	Length	Quantity	Used On
2260	0.12"	5"	19	Scalers
2262	0.12"	7"	19	Scalers

Hammer Accessories

.401 Parker Taper shank

Part Number	Description	Width		Length	
		In.	mm	In.	mm
2201	Cutter			6	150
2202	Chisel			6	150
2203	Rivet Buster	5/8	16	5 1/2	140
2204	Expansion Chisel	5/8	16	11	280
2205	Scraper	1 1/4	30	6	150
2206	Punch			7	175
2210	Punch			5	127
2217	Rust Breaker			5 1/4	135
2212	Spot Weld Breaker			6	150
2213	Splitter			8	200
2214	Edging Chisel			5	140
2215	Blank Chisel			6	150
2216	Fork Chisel			6 7/8	175
2218	Bushing Cutter			7	175
2220	Bushing Chisel	1 5/8	40	7	175
2219	Bushing Driver			4 1/2	115





Specialty Index	
Reciprocating Air Saw	39
Air Engraving Pen	39
Cut-off Tool	39

Special Applications Require Special Tools

Sioux Tools has a history of designing specialty tools for very specific applications, and as always, we manufacture the finest tools in the industry. These tools will live up to your expectations in both power and ergonomics.

Reciprocating Saw

Operating at 10,000 strokes per minute, this powerful saw features an adjustable blade guard, lock-off lever throttle and a built-in speed regulator.

Cut-off Tool

We designed our cut-off tool to operate with a free speed of 22,000 and a lock-off lever throttle. The lightweight aluminum housing and rear exhaust make it very comfortable to operate.



Selection

If your application requires routers, tappers or metalworking tools like nibblers, check out the extensive line of Sioux Industrial Tools for a complete listing.

RECIPROCATING AIR SAW
AIR ENGRAVING PEN
CUT-OFF TOLL



Reciprocating Air Saw

Model No. 5300A

- Comfort Grip Handle
- 10,000 strokes per minute
- Adjustable Blade Guard
- Lockoff lever throttle
- Built-in speed regulator
- Weight 1.8 lbs. (0.8 kg)
- Length: 9.2" (235 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 5/16" (8 mm)



Reciprocating Air Saw

Model No. 5302

- Comfort Grip Handle
- 5,000 strokes per minute
- Adjustable Blade Guard
- Lockoff lever throttle
- Built-in speed regulator
- Weight 2.1 lbs. (1.0 kg)
- Length: 9.1" (230 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 5/16" (8 mm)
- 24" hose assembly with flexible exhaust over-hose



Air Engraving Pen

Model No. 5980

- 13,000 cycles per minute
- Replaceable carbide tipped points
- Twist throttle
- 59" (1500 mm) hose
- 1/4" NPT air fitting
- High quality stainless steel housing
- Replaceable engraving points
 - 506246 - 45° (STD)
 - 506245 - 30°
 - 506244 - 15°



Cut-off Tool

Model No. 5564A

- Rear exhaust
- Comfort Grip
- Lockoff lever throttle
- Aluminum housing
- Free speed: 21,000 rpm
- Wheel size: 3.0" (76 mm)
- Weight: 1.8 lb (0.8 kg)
- Length: 8.0" (203 mm)
- Air inlet size: 1/4" NPT
- Recommended hose size: 3/8" (10 mm)



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1359

Air Hoses

Part Number	I.D.		Length		Fittings
	In.	mm	ft	m	
1359	1/4	6	6	2.7	1/4" NPT
1376	3/8	10	6	2.7	1/4" NPT
1377	3/8	10	25	11.0	1/4" NPT
1378	3/8	10	50	23.0	1/4" NPT
1360	1/2	13	25	11.0	1/2" NPT
1388	1/2	13	50	23.0	1/2" NPT
1358	3/4	20	3	1.3	None
1365	3/4	20	3	1.3	None
1361	1	25	4	1.8	None



1324



1340



1343

Quick Change Couplers

Part Number	Description	Thread
1324	Quick Change Coupler	1/4" NPT
1325	Quick Change Coupler	1/2" NPT
1340	Female Coupler Nipple	1/4" NPT
1342	Male Coupler Nipple	1/4" NPT
1343	Female Coupler Nipple	1/2" NPT
1344	Male Coupler Nipple	1/2" NPT



1316



1391



1395

High-Capacity Quick Change Couplers

Part Number	Description	Thread
1316	Male Coupler Nipple	1/4" NPT
1317	Male Coupler Nipple	3/8" NPT
1318	Male Coupler Nipple	1/4" NPT
1391	Quick Change Coupler	1/4" NPT
1392	Quick Change Coupler	3/8" NPT
1393	Quick Change Coupler	1/2" NPT
1395	Female Coupler Nipple	1/4" NPT
1396	Female Coupler Nipple	3/8" NPT
1397	Female Coupler Nipple	1/2" NPT



2300-4

Balancers

Part Number	Capacity		Cable Length	
	lb	mm	ft	m
2300-4	2 - 4	0.9 - 1.8	5.2	1.6
2300-6	4 - 6	1.8 - 2.7	6.7	2.0
2300-8	6 - 8	2.7 - 3.6	6.7	2.0



1338-25



1338FC-25

Sioux-Per Swivel

Allows the air hose to rotate 360° on 2 axes

Part No. 1338-25

1/4" non-regulated air swivel connector with safety pin design

Part No. 1338-38

3/8" non-regulated air swivel connector with safety pin design

Part No. 1338-50

1/2" non-regulated air swivel connector with safety pin design

Part No. 1338FC-25

1/4" regulated air swivel connector with safety pin design



Air Regulator

Part No. 1335

1/4" NPT Male / Female

Air Motor Oil For Air Tools

Part No. 288

1/2 Pint

Part No. 288-1

1 Quart

Part No. 288-2

2 Liter





Filter, Regulator, Lubricator Assembly

Part No. 1660

1/2" NPT fittings
Air flow: 30 - 75 cfm

Part Number	Description
1660	Complete Air Control Unit, 1/2"PT
1661	Lubricator Only, 1/2"PT
1662A	Regulator with Gauge, 1/2"PT
1663	Manual Flex Drain Filter, 1/2"PT
1664	Manifold Block
1665	Connecting End Blocks
1666	Modular Sleeve ("O" Ring included)
1667	Automatic Drain - Optional
1668	Sleeve Wall Mounting Bracket



Nylon Recoil Air Hose

Part Number	I.D.		Length		Fittings
	in.	mm	ft	m	
1326	1/4	6	25	11	1/4" NPT
1327	3/8	10	25	11	1/4" NPT

Grease

Part Number	Size
289A	1 Quart
289A-1	2 Pounds
289A-2	6 Pounds
1198	6 Ounces
1198-1	2 Pounds
1198-2	6 Pounds
1232A	3 Ounces
1232A-02	1 1/2 Ounces
1232A-04	4 Ounces
1232A-1	1 Quart
1232A-2	1 Gallon



Filter, Regulator, Lubricator Assembly

Part No. 1651MA

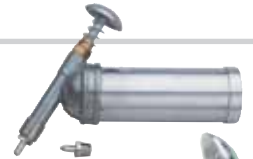
3/4" NPT air fittings
Air flow: over 75 cfm

Part Number	Description
1651MA	Complete Automatic Air Control Unit, 3/4" PT, larger capacity and float type filter for automatic drain
1652M	Lubricator only, 3/4" PT, 1 quart capacity
1654B	Regulator with Gauge, 3/4" PT
1653MA	Automatic Air Filter, 3/4" PT, automatic float drain empties when full

Grease Gun

Part No. 442

Used on Impacts and Tools with greaseable gears



Grease Gun

Part No. 439

Used with impact wrenches and multi-assembly angle tools.
For use with grease tube 1232A-04



Grease Nozzle

Part No. 469A

Used with No. 468A grease gun



Regular Grease Fitting

Part No. 442R

Used with No. 442 grease gun



Small Grease Fitting

Part No. 442S

Used with No. 442 grease gun



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Service

Factory Authorized Service

Sioux Tools has Authorized Service Distributors conveniently located throughout the U.S., Canada and internationally to provide you with service virtually anywhere, anytime. Each is staffed with professional tool repair technicians who know Sioux tools, inside and out, and are able to provide complete and comprehensive repairs.

Each location features the newest in testing and inspection equipment to ensure your tool is repaired and serviced properly...the first time. Every tool that is serviced or repaired is calibrated and tested to the latest standards guaranteeing you the best performance possible.

See inside back cover for a complete listing of Authorized Service Distributors.



Training

To ensure your personnel are knowledgeable about not only Sioux products, but all air tools and products, Sioux Tools conducts training seminars that cover all aspects of the tools we sell. We offer introductory training seminars to help you understand our entire line of tools and their basic operation. Advanced training is tailored to individual needs to help build the skill of an experienced student. In addition, hands-on training is available with particular focus on troubleshooting and repairing.

For additional information on Sioux Tools training seminars, please contact your Sioux Tools Sales Representative.



CONVERSION CHART | SIOUX TOOLS FORCE PRODUCT CATALOG

INCH	DECIMAL	MILLIMETER	MILLIMETERS	INCHES	MILLIMETERS	INCHES	FOOT POUNDS	NEWTON METERS	FOOT POUNDS	NEWTON METERS
1/64	.0156	0.397	26	1.0236	90	3.5433	10	13.5	75	101.7
1/32	.0312	0.794	27	1.0630	91	3.5827	11	14.9	76	103.0
	.0394	1.000	28	1.1024	92	3.6220	12	16.3	77	104.4
3/64	.0469	1.191	29	1.1417	93	3.6614	13	17.6	78	105.8
1/16	.0625	1.587	30	1.1811	94	3.7008	14	18.9	79	107.1
5/64	.0781	1.984	31	1.2205	95	3.7402	15	20.3	80	108.5
	.0787	2.000	32	1.2598	96	3.7795	16	21.7	81	109.8
3/32	.0937	2.381	33	1.2992	97	3.8189	17	23.0	82	111.2
7/64	.1094	2.778	34	1.3386	98	3.8583	18	24.4	83	112.5
	.1181	3.000	35	1.3780	99	3.8976	19	25.8	84	113.9
1/8	.1250	3.175	36	1.4173	100	3.9370	20	27.1	85	115.2
9/64	.1406	3.572	37	1.4567	110	4.3307	21	28.4	86	116.6
5/32	.1562	3.969	38	1.4961	120	4.7244	22	29.8	87	117.9
	.1575	4.000	39	1.5354	130	5.1181	23	31.2	88	119.3
11/64	.1719	4.366	40	1.5748	140	5.5118	24	32.5	89	120.7
3/16	.1875	4.762	41	1.6142	150	5.9055	25	33.9	90	122.0
	.1968	5.000	42	1.6535	160	6.2992	26	35.3	91	123.4
13/64	.2031	5.159	43	1.6929	200	7.8740	27	36.6	92	124.7
7/32	.2187	5.556	44	1.7323	300	11.8110	28	38.0	93	126.0
15/64	.2344	5.953	45	1.7717	400	15.7480	29	39.3	94	127.4
	.2362	6.000	46	1.8110	500	19.6850	30	40.7	95	128.8
1/4	.2500	6.350	47	1.8504	600	23.6220	31	42.0	96	130.2
17/64	.2656	6.747	48	1.8898	700	27.5591	32	43.4	97	131.5
	.2756	7.000	49	1.9291	800	31.4961	33	44.7	98	132.9
9/32	.2812	7.144	50	1.9685	900	35.4331	34	46.1	99	134.2
19/64	.2969	7.541	51	2.0079	1000	39.3701	35	47.5	100	135.6
5/16	.3125	7.937	52	2.0472			36	48.8	110	149.0
	.3150	8.000	53	2.0866			37	50.2	115	156.0
21/64	.3281	8.334	54	2.1260			38	51.5	120	163.0
11/32	.3437	8.731	55	2.1654			39	52.9	125	170.0
	.3543	9.000	56	2.2047			40	54.2	130	176.0
23/64	.3594	9.128	57	2.2441			41	55.6	135	183.0
3/8	.3750	9.525	58	2.2835			42	56.9	140	190.0
25/64	.3906	9.922	59	2.3228			43	58.3	145	197.0
	.3937	10.000	60	2.3622			44	59.7	150	203.0
13/32	.4062	10.319	61	2.4016			45	61.0	155	210.0
27/64	.4219	10.716	62	2.4409			46	62.4	160	217.0
	.4331	11.000	63	2.4803			47	63.7	165	224.0
7/16	.4375	11.112	64	2.5197			48	65.0	170	231.0
29/64	.4531	11.509	65	2.5591			49	66.4	175	237.0
15/32	.4687	11.906	66	2.5984			50	67.8	180	244.0
	.4724	12.000	67	2.6378			51	69.1	185	251.0
31/64	.4844	12.303	68	2.6772			52	70.5	190	258.0
1/2	.5000	12.700	69	2.7165			53	71.9	195	264.0
	.5118	13.000	70	2.7559			54	73.2	200	271.0
33/64	.5156	13.097	71	2.7953			55	74.6	225	305.0
17/32	.5312	13.494	72	2.8346			56	75.9	250	339.0
35/64	.5469	13.891	73	2.8740			57	77.3	275	373.0
	.5512	14.000	74	2.9134			58	78.6	300	407.0
9/16	.5625	14.287	75	2.9528			59	80.0	350	474.0
37/64	.5781	14.684	76	2.9921			60	81.3	400	542.0
	.5906	15.000	77	3.0315			61	82.7		
19/32	.5937	15.081	78	3.0709			62	84.0		
39/64	.6094	15.478	79	3.1102			63	85.4		
5/8	.6250	15.875	80	3.1496			64	86.8		
	.6299	16.000	81	3.1890			65	88.1		
41/64	.6406	16.272	82	3.2283			66	89.5		
21/32	.6562	16.669	83	3.2677			67	90.8		
	.6693	17.000	84	3.3071			68	92.2		
43/64	.6719	17.066	85	3.3465			69	93.5		
11/16	.6875	17.462	86	3.3858			70	94.9		
45/64	.7031	17.859	87	3.4252			71	96.3		
	.7087	18.000	88	3.4646			72	97.6		
23/32	.7187	18.256	89	3.5039			73	99.0		
47/64	.7344	18.653					74	100.3		
	.7480	19.000								
3/4	.7500	19.050								
49/64	.7656	19.447								
25/32	.7812	19.844								
	.7874	20.000								
51/64	.7969	20.241								
13/16	.8125	20.637								
	.8268	21.000								
53/64	.8281	21.034								
27/32	.8437	21.431								
55/64	.8594	21.828								
	.8661	22.000								
7/8	.8750	22.225								
57/64	.8906	22.622								
	.9055	23.000								
29/32	.9062	23.019								
59/64	.9219	23.416								
15/16	.9375	23.812								
	.9449	24.000								
61/64	.9531	24.209								
31/32	.9687	24.606								
	.9843	25.000								
63/64	.9844	25.003								
	1.0000	25.400								

Inch Lbs. x 0.113=Nm; Nm x 8.849=Inch Lbs.; Ft. Lbs x 1.356=Nm; Nm x 0.737=Ft. Lbs.

U.S. Independent Service Centers

ALABAMA-Birmingham

Tool-Smith Co Inc
1300 Fourth Ave South
35233-2384
205-323-2576
800-317-8665

Dothan

B.W.C. Service
725 S Oates St
36302
334-793-4330

Mobile

Tool-Smith Co Inc
920 Lakeside Dr
36693
251-661-0404

Winfield

McCaleb Tool Supply
710 Hwy 43 South
35594
205-487-2222

ARIZONA-Phoenix

Glenn's Tool Service
2149 East Indian School Rd
85016
602-264-6203

Phoenix

UNICOA Industrial Service
2224 N 23rd Ave
85009
520-254-4666

Tucson

Mechanics Tool Service
1301 E Apache Park Place
85714
520-889-8484

CALIFORNIA-Fresno

Cal-Weld Supply Co
2701 E Jensen
93706
559-445-0131

Gardena

US Ind Tool & Supply
14083 S Normandie Ave
90249
734-455-3388

San Francisco

Kimmerle Bros
226 Eleventh St
94103
415-431-1163

Santa Fe Springs

KBL Enterprises
12060 East Florence
PO Box 3024
90670
562-946-6771

COLORADO-Golden

Perfection Tool & Repair
16200S. Golden Rd
80401
303-279-0133

FLORIDA-Daytona Beach

A A Casey of Daytona Inc
1100 No Nova Rd
32117
386-253-6158

Largo

Nestor Sales/DBA AIM Supply
7337 Bryan Dairy Rd
33777-1507
727-544-6114

Miami

Air/Electric Tool & Equipment
7840 NW 58th St
33166
305-593-5040
800-850-1598

Orlando

Air Products & Equipment Inc
165 Drennen Rd
32806
407-856-7603

Tampa

Gator Repair
5124 Nebraska Ave
33603
813-234-8831

GEORGIA-Atlanta

Tool Service Co.
249 Alexander St NW
30313
404-524-4249

Snellville

Kentec Inc
3250 Centerville Hwy
30039
770-985-1907

ILLINOIS-Sauk Village

Chicago Air Power Service
22401 Joshua Ave
60411
708-758-8480
800-422-8202

Wood Dale

Industrial Tool Products Inc
919 No Central Ave
60191
630-766-4040
800-722-7287

INDIANA-Elkhart

ALCO Tool Supply
54847 County Road 17
46515
574-295-5535

Evansville

Brown & Hubert Inc
306 No 7th Ave
47710
812-425-9049

Indianapolis

Wright Tool Service
3127 Kentucky Ave
46221
317-248-9339
800-892-3567
Indianapolis
Alliance Supply Group
2601 Holt Rd
46241
317-227-1168

Indianapolis

Alcorn Industrial Inc
7916 Zionsville Rd
PO Box 68675
46268
317-872-6772

IOWA-Des Moines

Iowa Pneumatic Repair
7420 University Blvd
50325
515-274-3726

Muscatine

Peerless Supply Inc.
5901 49th St So
52761
888-216-9460

KANSAS-Pratt

Stanion Wholesale Electric Co.
PO Box Drawer F
67124
620-225-4384

KENTUCKY-Louisville

Hagemeyer
P.O. Box 32368
40232
502-961-5900

LOUISIANA-New Orleans

Beerman Precision Inc
4206 Howard Ave
70125
504-486-9391

MAINE-Portland

M & W Tool Service
38 Portland St
04101
207-772-2057

MASSACHUSETTS-Everett

Panda Electrical Service
165 Main St
02149
617-389-1442

Fall River

Burns Inc
350 Mariano S Bishop Blvd
02721
508-675-0381

MICHIGAN-Flint

Power Tools & Supply Inc
4184 Pier North Blvd
48504
810-720-3300

Grand Rapids

Neumatic Specialty Inc
O-11319 First Ave NW
Suite B
49544
616-791-9475

Lansing

Power Tools & Supply Inc
4300 Creyts Rd
48917
517-322-0803

Plymouth

US Ind Tool Supply Service
15101 Cleat St
48170
734-455-3388
800-521-7394

Walled Lake

Power Tools & Supply Service
8551 Boulder Court
48390
248-363-5650

Warren

H & P Technologies Inc
21251 Ryan Rd
48091
586-758-0100

MINNESOTA-Minneapolis

Deko Factory Service
3048 Bloomington Ave So
55407
612-721-6651

Minneapolis

Tool Warehouse Inc
3410 East 42nd St
55406-3333
612-722-4260

MISSISSIPPI-Tupelo

Compressors & Tools Inc
105 Old Runway Rd
38801
662-844-7023

MISSOURI-Cape Girardeau

Barks Equipment Sales
762 Enterprise
63703
573-335-7994

Jefferson City

JC Industrial
706 Virginia St
65102
573-636-4171

St Louis

Authorized Equipment
Service Co
3200 Chouteau Ave
63103
314-772-8024

NEBRASKA-Omaha

JDC Tool & Repair
6263 Abbott Dr
68110
402-455-8000

Omaha

Thacker Electric
8517 I Street
68127
402-592-9433
800-678-7604

NEW JERSEY-Hawthorne

Atlantic Tool Systems Inc
170 Fifth Ave
07506
973-238-0009

Phillipsburg-L & L Service Co

#3 Harmony Brass Castle Rd
08865
908-387-0087
800-524-2599

NEW MEXICO-Albuquerque

Martin Saw & Tool
3310 Stanford NE
87107
505-888-1675

NEW YORK-Cheektowaga

Air Tool Repair
160 Holtz Drive
14225
716-631-9010

U.S. Independent Service Centers

Syracuse

Ace Hydraulic & Pneumatic
6720 VIP Parkway
13211
315-454-8989

NORTH CAROLINA-Belmont

IDG
2100 The Oaks Parkway
28012
704-398-5600

Charlotte

Air Power Inc
1200-B Atando Ave
28206
800-789-9313

Concord

JS King Associates
3216 Roberta Farms Ct SW
28027
704-905-2788

Greensboro

Tool & Equipment Repair
807 Huffman St
27405
336-275-6124
800-477-8871

High Point

Air Power Sales & Service
1430 Trinity Avenue
27260
336-886-5081
800-334-1001

High Point

High Point Pneumatics
2430 English Rd
27262
336-889-8416

Kernersville

Airand LTD
143B Furlong Ind Dr
27284
336-993-6737

Raleigh

Air Power Inc
2304 Atlantic Ave
27604
800-438-4868

NORTH DAKOTA

West Fargo
Air Tool Service & Supply
127 Main Ave W
58078
701-282-6151

OHIO-Apple Creek

Air Works Service
10412 Dover Rd
44606

330-698-0376

Columbus

Mitchell-McKinney Supply Co
610 Greenlawn Ave
43223
614-444-6732

Columbus

Mid State Industrial Inc
4125 Westward Ave
43228
614-274-1534

Northwood

Industrial Tool Service-Repair
6818 Wales Rd
43619
419-661-9423

Richfield

Ohio Tool Systems Inc-Service
3863 Congress Parkway
44286
330-659-4181

OKLAHOMA-Oklahoma City

Compressed Gas and
Supply Inc
1301 West Reno
73106
405-235-9353

Oklahoma City

Hydraulic Equipment Co
515 So Broadway
73109
405-235-3318
800-249-3318

Tulsa

AOK Dist Corp
4717 So 83rd East Ave
74145
918-627-8116

Tulsa

Quality Tool Repair
1447 No Yale
74115
918-838-7411
800-299-7411

OREGON-Portland

Charles H Day Co
602 So East 11th
97214
503-232-1659

PENNSYLVANIA-Hanover

C & E Pneumatic Service
301 Poplar St
17331
717-632-5200
800-642-7616

SOUTH CAROLINA-Greenville

Air Power Inc
107 Woodruff Ind Lane
29607
800-922-7321

TENNESSEE-Bartlett

Pro Power, Inc
7531 Bartlett Corporate
Cove E Suite 101
38133
901-383-7888

Chattanooga

Production Tools
2100 So Holtzclaw Ave
37407-5903
423-629-6822

Jackson

Compressors & Tools Inc
129 Anglin Lane
38301
731-421-8306

La Vergne

Cameron & Barkley Co
3101 Centre Pointe Dr
37086-4923
615-287-1200

Memphis

Authorized Equipment Service
812 Polk Ave
38126-4103
901-774-0850
800-238-2529

Nashville

Tool-Smith Service Co Inc
665 Massman Dr
37210
615-883-4833
800-857-6488

TEXAS-Ft Worth

AETCO
3301 S Grove St
76110
817-921-0231

Grand Prairie

Innovative Tooling Services
2506 West Marshall
75051
972-647-0800

Houston

Hydraulic Equipment Service
1011 Rothwell St
77002
713-228-9601

UTAH-Salt Lake City

M & M Tool & Machinery
1773 South 300 West
84115
801-485-8200

VIRGINIA-Portsmouth

Hydraulic Service Co
3215 Victory Blvd
23702
757-487-2513

Richmond

CH Reed
2519 Grenoble Rd
23294
804-672-6268

Roanoke

Stultz Machine Tools
& Equip Inc
1546 Brownlee Ave SE
24014
540-9819359
800-542-5747

Salem

Air Power of Virginia Inc
520 Apperson Dr
24153
800-848-1011

WASHINGTON-Seattle

Universal Repair Shop Inc
1611 Bolyston Ave
98122-0049
206-322-2726

Spokane

Safway Repair
E. 1503 Riverside
99202
509-535-9841
800-348-4808

WEST VIRGINIA-Beckley

Air Tech Tool Service Inc
325 City Ave
25801
304-253-6799

WISCONSIN-Green Bay

Power Tool Service Co
300 North Webster Ave
54301
920-437-2594

Canadian Independent Service Centers

ALBERTA-Calgary

Complete Hydraulic Air & Elec
#9 7139 40th Street SE
T2C 2H7
403-720-0445

Edmonton

Quality Tool Repair
11420-156 Street
T5M 3N2
780-702-1686

Edmonton

Allied Tools LTD
6715-76 Ave
T6B 0A9
780-465-0961

BRITISH COLUMBIA-Kelowna

KY Tools Sales
Unit 1-1115 Gordon Dr
V1Y 3E3
250-862-2575

Vancouver

Westcoast Tool Sales
& Services LTD
Unit 2, 285 East 1st Ave
V5T 1A8
604-873-5394

MANITOBA-Winnipeg

Accutool Service Center
565 Marjorie Street
R3H 0S8
204-772-6523

Winnipeg

Tool World
171 Cole Ave
R2L 2C5
204-663-9266

NEW BRUNSWICK-Moncton

Wolseley Industrial Products
Group
481 Edinburgh Dr
E1E 4E3
506-857-1650

ONTARIO-Burlington

Air Tool Services LTD
920 Brant St Unit 14
L7R 4J1
905-639-5821

London

Pryde Industrial Inc
542 New Bold St
N6E 2S5
519-690-1111

Thunder Bay

Thunder Bay Ind Supply LTD
212 Villa St
P7A 3X9
807-345-1109

Toronto

Grip Clinch Canada
288 Garyray Drive
M9L 1P4
416-742-9161

QUEBEC-Montreal

Instrument Sales & Service
2185 Hampton Ave
H4A 2K5
514-481-8111

Montreal

Dorson LTD
8551 Parkway Blvd
H1J 1N1
514-351-0160

SASKATCHEWAN-Regina

All Tool Repairs
3100 - 12th Ave
S4T 1J7
306-522-7613

Saskatoon

Do All Tool Repair
1714 Avenue C North
S7L 1L7
306-975-7084

Latin America Independent Service Centers

MEXICO

RC Maquinarias S.A. de CV
Calzada Ignacio Zaragoza
N° 377
Col. San Pedro
Puebla, Pue
Mexico
Phone: (52-222) 222-2587

Pneumatools S.A. de CV
Floresta 125-3
Col. Claveria C.P. 02080
Azcapotzalco D.F.
Mexico City
Mexico
Phone: (52-55) 5399-3232

RC Maquinarias S.A. de CV
Subsidiary
Calle Diego Rivera N° 39
Privada Diego Rivera
Col. Los Alcanfores C.P. 76150
Queretaro, Que
Mexico
Phone: (52-442) 217-7435

Ferreteria Indar S.A. de C.V.
Calzada Independencia Sur 574
Guadalajara, Jal. C.P. 44100
Mexico
Phone: (52-33) 3614-1419

VENEZUELA

Refiteca
Calle E. Boleita Norte
Edificio Alexandro
Local A. Semisotano
Caracas
Venezuela
Phone: (58-212) 235-8042

Hermaco
Av. Intercomunal N° 428
Ciudad Ojeda
Estado Zulia
Venezuela
Phone : (58- 65) 260-994

COLUMBIA

Dishegro
Diagonal 15 # 22- 18
Bogota
Colombia
Phone: (57- 1) 360-5967

HONDURAS

Herramientas la Atlantica
2da. Calle, 17 Ave. N.E.
Col. Universal
Carretera Vieja a La Lima
San Pedro Sula
Honduras
Phone: (504) 557-6294

NICARAGUA

Buhler Industrial
Carretera Norte Frente a Planta
Enel
Managua
Nicaragua
Phone: (505) 249-3613

ECUADOR

Najomez
Mosquera Narvaez 746 y
Carvajal
Quito
Ecuador
Phone: (593- 2) 2526-897

PERU

Energotec S.A.
Calle Los Plasticos 204
Ate- Lima 3
Peru
Phone : (51- 1) 348-7570

CHILI

Tecmind Chile
Rosario Norte 34
Las Condes
Santiago
Chile
Phone: (56-2) 211-9734

PARAGUAY

H. Petersen
Av. Artigas 1552
Asuncion
Paraguay
Phone: (595-21) 202-615

BRAZIL

Sebra
Snap-on-Latin
American/Caribbean Division
Rua Juscelino Kubitschek de
Oliveira 470
Distrito Industrial II
Santa Barbara D' Oeste
CEP 13456-401 SP
Brazil
Phone: (55-19) 3185-1800

United Kingdom Independent Service Center

UK

Snap-on Tools LTD Repair
Centre
Telford Way Industrial Estate
Kettering, Northants
NN168 PU, Great Britain
Phone: 011-44-1536-413903

NOTES

Lined area for notes.

[illegible]



250 Snap-on Drive
P.O. Box 1596
Murphy, North Carolina USA 28906
PH: 828.835.9765
FAX: 828.835.9685
TOLL FREE: 866.259.7291
TOLL FREE FAX: 800.722.7236

Benelux
Tel.: (N) 31 (0) 20 568 26 63
(B) 32 (0) 14 23 19 67
Fax: (N) 31 (0) 20 568 26 60
(B) 31 (0) 14 23 26 27
e-mail: snap@snap-on.nl

Latin America
Tel.: 305-271-0944
Fax: 305-271-7152
e-mail: latinamerica.caribbean@snapon.com

Germany
Tel.: 49 2104 9509-0
Fax: 49 2104 9509-99
e-mail: snapon.industrial@snapon.com

Italy
Tel.: 00 39 02 66 04 53 70
Fax: 00 39 02 61 29 78 15
e-mail: indus.italia@snapon.com

United Kingdom
Tel.: 44 (0) 1536-413904
Fax: 44 (0) 1536-413874
e-mail: industrialuk@snapon.com

Asia
Tel.: 65-6451-5570
Fax: 65-6451-5574
email: esales.sg@snapon.com

Australia
Tel.: 61 (0)2 9837 9100
Fax: 61 (0)2 9624 2578
e-mail: SOTA.customerservice@snapon.com



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