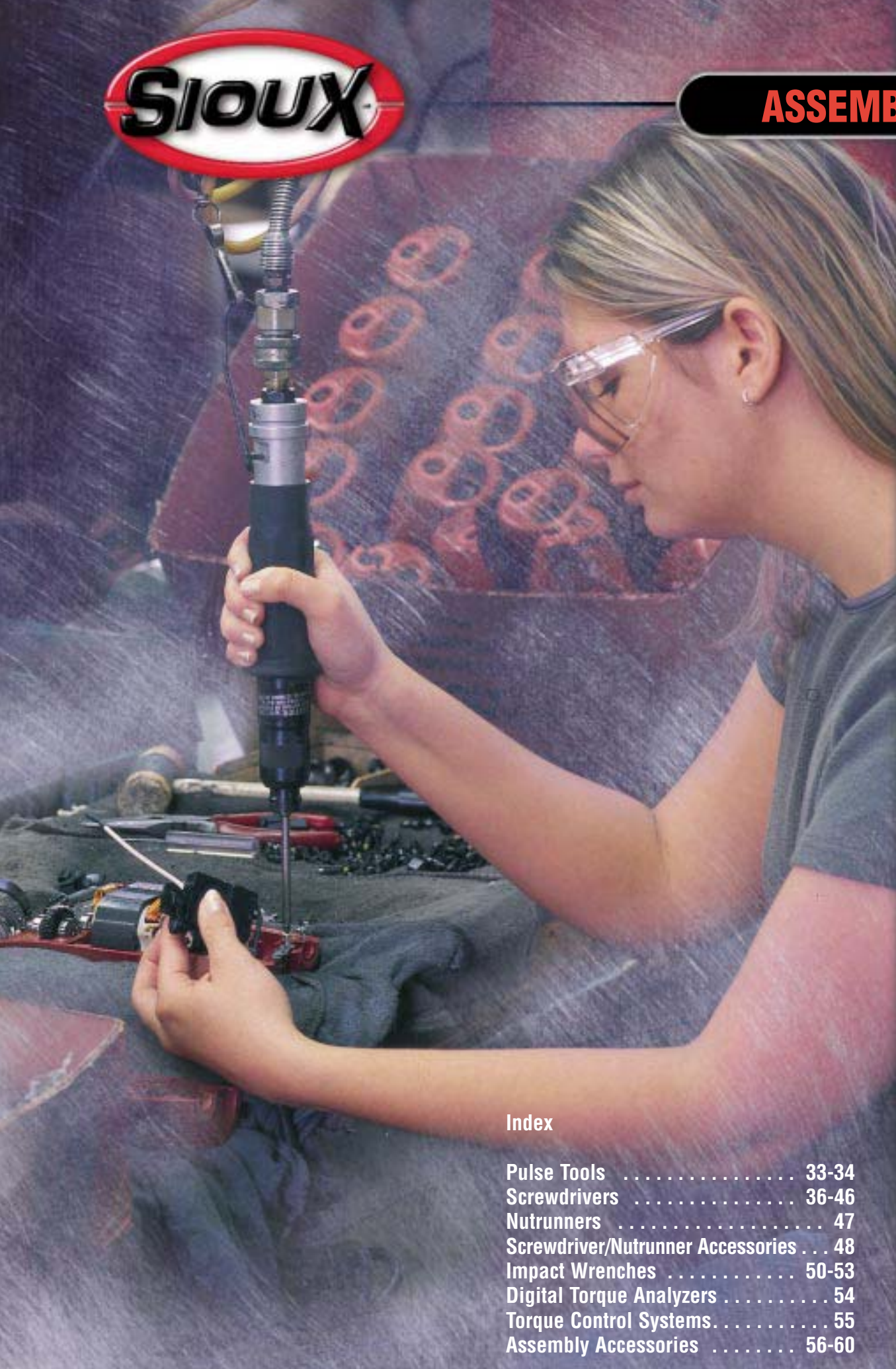




**ASSEMBLY**

# ASSEMBLY



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# Putting it all together

To keep up with the rapidly growing demands of modern assembly applications, Sioux Tools remains on the cutting edge of engineering design. We continue to be innovative in creating new tools to provide faster rundown speeds with exceptional accuracy and consistent torque delivery, combined with ergonomic design for operator comfort and safety.

We build every tool to help assembly operators become more productive.

We believe they deserve tools that will help improve their quality of performance and maximize the skills they bring to the job.

## Exclusive Designs

Sioux Tools is the exclusive manufacturer of the Z-handle. This unique feature allows access to tight, hard to reach angles. We also are the only manufacturer to offer 3 different positive clutch options. Because of the varying demands of applications, and the different size, strength and ability of operators, we have developed Low, Mid and High torque positive clutch options on our SD9A and 2P series screwdrivers, ensuring that we offer the right tool for your specific application.

## IMPACT WRENCHES

Suitable for general assembly, repair jobs etc. When you require a powerful, lightweight tool, with little reaction force and moderate accuracy. This is the best choice for loosening joints.





## PULSE TOOLS

Suitable for both general assembly and industrial production. With the same advantages as impact wrenches, but with greater accuracy. In addition, pulse tools offer improved ergonomics, which means lower sound levels and less vibration. Pulse tools typically have a longer service life than impact tools.

## SCREWDRIVERS

Sioux Tools offers a wide range of screwdrivers designed to meet today's fast paced, high output assembly and manufacturing applications.

With your choice of 4 different handle configurations and 6 optional clutches, plus many additional features, Sioux Tools is able to provide a perfect match for any job requirement.

## NUTRUNNERS

Sioux offers nutrunners that are designed for high volume industrial production. You can choose from free speeds of up to 2,200 rpm, and a torque range of up to 600 ft lb (68 Nm). These are outstanding tools for fast accurate assembly.

## Assembly Safety

Broken Sockets, Bits and Adaptors can cause injury. Proper eye protection must be worn at all times by tool user and bystanders. Use only sockets, bits and adaptors made for power tools and that are in good condition. Use only bits and adapters that are in good condition. Keep hands away from sockets, bits and adaptors.

Sudden and unexpected tool movement can cause injury. Be sure your body position allows you to have control of the tool at all times. Make sure your footing is secure. Consult manufacturer for proper reaction bar if movement is excessive.

Tools starting unexpectedly can cause injury. Always remove the tool from air supply and activate trigger to bleed air line before making any adjustments, changing accessories, or doing any maintenance or service on the tool.

Falling tools can cause injury. If the tool is used with a balancer or other suspension device, be sure the tool is firmly attached to the device.

# The Pulse of the Assembly Industry

Sioux Tools knows the pulse of industry, that's why we've developed the best Pulse Tools in the world! Not only are they powerful, but we've designed in many innovative ergonomic features. The reliability of Sioux Pulse Tools make them the best choice for a wide range of assembly applications. Our strong, fast motors can actually shorten production time. In addition, a controlled run-down speed reduces the initial torque spike and provides greater torque accuracy and consistent tightening.

All models feature a 9-blade dual-chamber motor that provides controllable power for virtually any application, and produces high output torque and faster rundown speeds. Its oil-free operation means you never have to lubricate the motor, and a thumb-operated reverse lever changes direction quickly and easily.

The efficient 2-blade pulse unit provides consistent pulses for excellent repeatability from joint to joint. These twin blades generate higher torque with lighter weight for a better power-to-weight ratio.

The ergonomic design reduces vibration and increases operator control, plus the molded comfort grip insulates the hand from cold generated by exhaust air. Our specially designed cooling system helps to prolong the life of the tool while the 360° rotatable silencer keeps the noise level extremely low.

Sioux Pulse Tools come in pistol grip, straight and right angle models. We also offer non-shutoff and mechanical shut-off units.

## Torque Adjustments

The torque can be easily adjusted without having to disassemble the tool. Simply remove a set screw on

the front housing, rotate the anvil to expose the adjustment screw, and use a Hex wrench to increase or decrease the torque.

## Mechanical Shutoff

A properly adjusted shutoff provides outstanding repeatability that makes it virtually impossible to over-torque. This means fewer stripped and broken fasteners, resulting in increased productivity and less rework. The hydraulic pulse unit absorbs nearly all the torque reaction normally felt by an operator. The built-in torque adjustor adapts to each application for required torque and fastening time, reducing mean shift between hard and soft joints.



## NON-SHUTOFF PULSE TOOLS

### Performance:

Torque: 2 ft lb (2 Nm) - 369 ft lb (500 Nm)

Speed: 3000 rpm - 6800 rpm

Bolt Size: 5/16" - 3/4" (M8 - M20)

### Features:

Reversible

Pistol Grip, Inline and Right Angle

Rotatable Exhaust (Pistol Grip Models)

Molded Comfort Grip (Pistol Grip Models))



FUJI Model Number	SIOUX Model Number	Rec. Bolt Size <sup>1</sup>		Torque Range		Drive Size <sup>2</sup>		Free Speed rpm	Side To Center		Length		Weight		Air Consum.		Hose Size		
		in.	mm	ft lb	Nm	in.	mm		in.	mm	in.	mm	lb	kg	cfm	l/s	in.	mm	
<b>Pistol Grip</b>																			
FPW-110D-1		5/16	M6	5-10	7-14	3/8	10	4500	0.7	18	5.6	143	1.8	0.8	6	3	1/4	6.0	
FPW-110-1		5/16	M6	5-9	7-12	1/4	6	4500	0.7	18	5.6	143	1.8	0.8	6	3	1/4	6.0	
FPW-330D-1		5/16	M8	9-20	13-27	1/4	6	5600	0.9	23	5.9	150	2.1	1.0	14	7	1/4	6.0	
FPW-330-1		5/16	M8	13-20	18-27	3/8	10	5600	0.9	23	5.9	150	2.1	1.0	14	7	1/4	6.0	
FPW-440D-3	SPW-440D-3	5/16	M8	13-22	18-29	1/4	6	6800	0.9	23	5.9	150	2.1	1.0	14	7	1/4	6.0	
FPW-550D-3	SPW-550D-3	3/8	M8	15-25	20-34	1/4	6	6100	0.9	23	5.9	150	2.1	1.0	14	7	1/4	6.0	
FPW-660D-4 <sup>3</sup>	SPW-660D-4 <sup>3</sup>	3/8	M8	19-28	25-37	1/4	6	6400	0.9	23	6.4	163	2.2	1.0	18	8	3/8	10.0	
FPW-440-3	SPW-440-3	3/8	M8	19-28	25-37	3/8	10	6800	0.9	23	5.9	150	2.1	1.0	14	7	1/4	6.0	
FPW-550-3	SPW-550-3	3/8	M8	20-33	27-44	3/8	10	6100	0.9	23	5.9	150	2.1	1.0	14	7	1/4	6.0	
FPW-770D-3	SPW-770D-3	7/16	M8	25-35	34-47	1/4	6	6300	1.0	25	6.8	173	3.2	1.5	18	8	3/8	10.0	
FPW-660-4	SPW-660-4	7/16	M8	25-40	34-54	3/8	10	6400	0.9	23	6.4	163	2.2	1.0	18	8	3/8	10.0	
FPW-770-3	SPW-770-3	1/2	M8	33-57	44-76	3/8	10	6300	1.0	25	6.9	175	3.2	1.5	16	7	3/8	10.0	
FPW-880-4	SPW-880-4	1/2	M10	37-70	49-93	1/2	13	5500	1.0	25	7.5	191	3.9	1.8	19	9	3/8	10.0	
FPW-990-3	SPW-990-3	9/16	M10	48-85	64-113	1/2	13	4800	1.1	28	7.5	191	4.4	2.0	21	10	3/8	10.0	
FPW-1110-1	SPW-1110-1	9/16	M12	62-99	83-132	1/2	13	4800	1.2	30	7.6	193	4.9	2.2	21	10	3/8	10.0	
FPW-1330-1	SPW-1330-1	5/8	M12	95-147	127-196	1/2	13	3800	1.3	33	8.1	206	6.4	2.9	23	11	3/8	10.0	
FPW-1660-1		5/8	M12	162-220	220-300	3/4	19	3000	1.4	35	9.6	243	8.4	3.8	41	20	1/2	13.0	
<b>Inline</b>																			
FPW-110SD-1		1/4	M4	2-6	2-8	1/4	6	3200	0.7	18	8.6	218	1.4	0.7	6	3	1/4	6.0	
FPW-440SD-1	SPW-440SD-1	5/16	M8	11-19	15-25	1/4	6	5500	0.9	23	8.9	226	1.9	0.9	12	6	1/4	6.0	
FPW-550SD-1	SPW-550SD-1	3/8	M8	15-25	20-34	1/4	6	5700	0.9	23	8.9	226	1.9	0.9	13	6	1/4	6.0	
FPW-660SD-1	SPW-660SD-1	3/8	M8	19-28	25-37	1/4	6	5800	0.9	23	9.4	239	2.1	1.0	18	8	3/8	10.0	
FPW-110S-1		1/4	M4	2-6	2-8	3/8	10	3200	0.7	18	8.8	224	1.4	0.7	6	3	1/4	6.0	
FPW-440S-1	SPW-440S-1	3/8	M8	15-25	20-34	3/8	10	5500	0.9	23	8.9	226	1.9	0.9	12	6	1/4	6.0	
FPW-550S-1	SPW-550S-1	3/8	M8	20-33	27-44	3/8	10	5700	0.9	23	8.9	226	1.9	0.9	13	6	1/4	6.0	
FPW-660S-1	SPW-660S-1	7/16	M8	25-40	34-54	3/8	10	5800	0.9	23	9.4	239	2.1	1.0	18	8	1/4	6.0	
FPW-770S-1	SPW-770S-1	1/2	M8	33-57	44-76	3/8	10	6300	0.9	23	9.4	239	2.7	1.2	16	7	3/8	10.0	
<b>Right Angle</b>																			
FPW-440SC-1		5/16	M8	10-18	14-24	3/8	10	5000	0.7	18	10.0	255	2.8	1.3	14	7	1/4	6.0	
FPW-550SC-1		3/8	M8	16-27	22-37	3/8	10	5500	0.7	18	10.0	255	2.8	1.3	14	7	1/4	6.0	
FPW-660SC-1		3/8	M8	18-33	24-45	3/8	10	5500	0.7	18	10.0	255	3.1	1.4	14	7	3/8	10.0	
FPW-770SC-1	SPW-770SC-1	7/16	M8	25-37	33-50	1/4	6	6300	0.7	18	10.7	272	3.7	1.7	16	7	3/8	10.0	
<b>D-Handle</b>																			
FPW-2220S-1		3/4	M20	121-369	300-500	3/4	19	5000	1.8	45	13.8	350	15.7	7.0	45	21	1/2	13.0	

### General:

Air Inlet Size: 1/4", 3/8" NPT  
 Performance rated @ 90 psig (6.2 bar) air pressure  
 Tools available with BSPT air inlet upon request

### Standard Equipment:

Parts list, Safety and Instruction manual  
 Adjustment Wrenches  
 Comfort Grip

<sup>1</sup> Bolt capacities are based on suggested assembly torques applied to SAE Grade 5 and metric Class 9.8 fasteners under slightly lubricated conditions

<sup>2</sup> 1/4" drives are hex quick change, all others are square drives



<sup>3</sup> For alternate shank style, order SPW-660D-40



**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

DRILLS

ASSEMBLY

ABRASIVE

FINISHING

PERCUSSIVE

SPECIALTY

ACCESSORIES



DRILLS

**MECHANICAL SHUTOFF  
PULSE TOOLS**

**Performance:**

Torque: 3 ft lb (4 Nm) - 120 ft lb (160 Nm)

Speed: 3600 rpm - 6700 rpm

Bolt Size: 3/16" - 9/16" (M5 - M14)



FPT-550SD-1

ASSEMBLY

**Features:**

Pistol Grip, Inline

Trigger Start

Reversible

Rotatable Exhaust (Pistol Grip models)

Molded Comfort Grip (Pistol Grip models)



FPT-660-1

ABRASIVE



FINISHING

FUJI Model Number	SIOUX Model Number	Rec. Bolt Size <sup>1</sup>		Torque Range		Drive Size <sup>2</sup>		Free Speed rpm	Side To Center		Length		Weight		Air Consum.		Hose Size		
		in.	mm	ft lb	Nm	in.	mm		in.	mm	in.	mm	lb	kg	cfm	l/s	in.	mm	
<b>Pistol Grip</b>																			
FPT-110D-1		3/16	M5	3-5	4-7	3/8	10	4500	0.7	18	7.5	190	2.1	0.9	5	3	1/4	6.0	
FPT-110-1		3/16	M5	3-5	4-7	1/4	6	4500	0.7	18	7.5	190	2.1	0.9	5	3	1/4	6.0	
FPT-330D-1		5/16	M6	4-8	6-11	1/4	6	6000	0.9	23	7.6	193	2.6	1.2	12	6	1/4	6.0	
FPT-330-1		5/16	M6	4-8	6-11	3/8	10	6000	0.9	23	7.6	193	2.6	1.2	12	6	1/4	6.0	
FPT-440D-1		5/16	M6	7-13	10-18	1/4	6	6700	0.4	10	7.5	190	2.6	1.2	12	6	1/4	6.0	
FPT-440-1	SPT-440-1	5/16	M6	9-15	12-20	3/8	10	6700	0.4	10	7.6	193	2.6	1.2	12	6	1/4	6.0	
FPT-550D-1		5/16	M6	9-17	13-23	1/4	6	5800	0.4	10	7.5	190	2.6	1.2	14	7	1/4	6.0	
FPT-550-1	SPT-550-1	5/16	M8	11-19	15-25	3/8	10	5800	0.4	10	7.6	193	2.6	1.2	14	7	1/4	6.0	
FPT-660D-1		3/8	M8	13-24	18-33	1/4	6	5400	0.9	23	7.5	190	2.6	1.2	14	7	3/8	10.0	
FPT-660-1	SPT-660-1	3/8	M8	9-15	12-20	3/8	10	5500	0.9	23	9.9	251	2.3	1.0	12	6	1/4	6.0	
FPT-770-1	SPT-770-1	3/8	M8	22-34	30-45	3/8	10	6300	1.0	25	7.9	201	3.6	1.6	16	7	3/8	10.0	
FPT-880-1	SPT-880-1	7/16	M8	30-45	40-60	1/2	13	5800	1.0	25	8.4	213	4.5	2.0	18	8	3/8	10.0	
FPT-990-1	SPT-990-1	1/2	M10	41-60	55-80	1/2	13	4800	1.2	30	8.5	216	5.3	2.4	19	9	3/8	10.0	
FPT-1110-1	SPT-1110-1	9/16	M12	56-97	75-130	1/2	13	4800	1.3	33	8.5	216	5.7	2.6	21	10	3/8	10.0	
FPT-1330-1	SPT-1330-1	9/16	M14	68-120	90-160	1/2	13	3600	1.4	35	9.0	228	7.0	3.2	25	12	3/8	10.0	
<b>Inline</b>																			
FPT-330SD-1		5/16	M6	4-8	6-11	1/4	6	5000	0.9	23	9.8	249	2.3	1.0	12	6	1/4	6.0	
FPT-330S-1		5/16	M6	4-8	6-11	3/8	10	5000	0.9	23	9.8	249	2.3	1.0	12	6	1/4	6.0	
FPT-440SD-1		5/16	M6	6-10	8-13	1/4	6	5000	0.9	23	9.8	249	2.3	1.0	12	6	1/4	6.0	
FPT-440S-1		5/16	M6	6-10	8-13	3/8	10	5000	0.9	23	9.9	251	2.3	1.0	12	6	1/4	6.0	
FPT-550SD-1		5/16	M8	9-15	12-20	1/4	6	5500	0.9	23	9.9	251	2.3	1.0	12	6	1/4	6.0	
FPT-550S-1		5/16	M8	9-15	12-20	3/8	10	5500	0.9	23	9.9	251	2.3	1.0	12	6	1/4	6.0	
FPT-660SD-1		5/16	M8	11-21	15-28	1/4	6	5000	0.9	23	10.0	262	2.4	1.1	17	8	3/8	10.0	
FPT-660S-1		5/16	M8	15-22	20-30	3/8	10	5000	0.9	23	10.0	262	2.4	1.1	17	8	3/8	10.0	

PERCUSSIVE

SPECIALTY

ACCESSORIES

**General:**

Air Inlet Size: 1/4", 3/8" NPT  
Performance rated @ 90 psig (6.2 bar) air pressure  
Tools available with BSPT air inlet upon request

**Standard Equipment:**

Parts list, Safety and Instruction manual  
Adjustment wrenches  
Comfort Grip

<sup>1</sup> Bolt capacities are based on suggested assembly torques applied to SAE Grade 5 and metric Class 9.8 fasteners under slightly lubricated conditions

<sup>2</sup> 1/4" drives are hex quick change, all others are square drives

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



# Making An Easy Drive Home

Sioux Tools offers a wide range of screwdrivers and nutrunners designed to meet today's fast paced, high output assembly and manufacturing applications. With your choice of 4 different handle configurations and 6 optional clutches, plus many additional features, Sioux Tools is able to provide a perfect match for any job requirement. As industries strive to reduce fastener requirements, we work to meet the demand for greater accuracy and precision in fastening performance. The productivity demands for quality and speed, as well as user comfort, convenience and safety make Sioux Tools your number one choice.

## Configurations

Sioux screwdrivers are available in pistol grip, inline, right angle and our exclusive Z-handle configurations. Most screwdriver models offer your choice of Quick Change or Locking Internal Hex spindles. The spring-loaded chuck on the Quick Change allows for fast, easy bit changes without the need for additional tools or hardware. The slimmer design of the Locking Internal Hex ensures that the bit stays firmly in place until you choose to remove it with the aid of a vise or pliers.

## Reducing Physical Load

We design all our screwdrivers with ergonomics in mind. We help you get the job done with a minimum amount of effort and wear and tear on the operator. By reducing the physical load on the operator, which includes noise and oil mist, productivity will be improved. Sioux Tools offers many benefits including high torque accuracy, low sound levels and ergonomic grips. Fast clutch shutoff reduces reaction force, while the shape reduces the amount of gripping and trigger force required.

## Clutch Selection

**POSITIVE CLUTCH**— Spindle will not turn with motor until operator exerts forward pressure on spindle engaging the clutch. The clutch ratchets when torque resistance from the fastener overcomes the

forward pressure and the jaws begin to cam apart. Torque output of the tool is determined by forward pressure from operator and by the cam angle of the clutch jaws. For wood, sheet metal, and machine screws and lag bolts.

Sioux Tools is the exclusive manufacturer of three different positive clutches; Low, Mid and High torque output. Available on the SD9A and 2P series. Your choice of clutch allows you to more precisely control the amount of torque exerted on the fastener.

**STALL DRIVE**—Spindle is coupled directly with the output of the motor. Final torque is reached when resistance of the fastener overcomes the torque output of the motor. Final torque can be influenced by air pressure and/or operator twisting the tool. For prevailing torque or soft pull applications involving machine, wood, or self-tapping screws.

**ADJUSTABLE CLUTCH**— Spindle will not turn with motor until operator exerts forward pressure on spindle engaging the clutch. When fastener is tight, clutch will ratchet. Adjusting spring pressure will effect final output torque. Offers consistent torque control with little operator reaction.

**TORQUE CONTROL**— Motor shuts off automatically when fastener is tight. Adjusting spring pressure changes final output torque for critical torque requirements. Perfect for applications with little or no prevailing torque where final torque is substantially higher than rundown torque.

**DIRECT CLUTCH**— Spindle will not turn with motor until operator exerts forward pressure on spindle engaging the clutch. Final torque is reached when resistance of the fastener overcomes the torque output of the motor. Excellent stall type tool when tightening group of fasteners without turning off motor.



**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

**DRILLS**

**POSITIVE CLUTCH PISTOL GRIP SCREWDRIVERS**

**Performance:**

Torque: 15 in. lb (1.7 Nm) - 300 in. lb (34.0 Nm)

Speed: 400 rpm - 3100 rpm

**Features:**

Reversible and Non-reversible

Trigger Start

Trigger or Rapid Reverse

Comfort Grip (1OM, SD9 series)

Rotatable Exhaust (1OM, 2P series)



**2P2603**



**1OM2403**



**SD9APB-20LQ**



**ASSEMBLY**

**ABRASIVE**

**FINISHING**

**PERCUSSIVE**

**SPECIALTY**

**ACCESSORIES**

Model Number		Maximum Torque <sup>1</sup> (Soft Joint)		Free Speed	Weight		Length		Side To Center		Sound Level		
1/4" Quick Change	1/4" Internal Hex	in. lb	Nm	rpm	lb	kg	in.	mm	in.	mm	dB(A)		
<b>1 Series - Rapid Reverse</b>													
	1OM2603	15	1.7	3100	1.6	0.7	6.7	170	0.7	17	75		
▶	1OM2403	24	2.7	2000	1.6	0.7	6.7	170	0.7	17	75		
	1OM2303	30	3.4	1400	1.8	0.8	7.7	196	0.7	17	75		
▶	1OM2203	40	4.5	1000	1.8	0.8	7.7	196	0.7	17	75		
	1OM2103	55	6.2	725	1.8	0.8	7.7	196	0.7	17	75		
<b>2 Series - Low Torque - Trigger Reverse</b>													
	2P2303Q	▶	2P2303	45	5.1	2500	2.6	1.2	6.8	173	0.9	23	82
	2P2603Q	▶	2P2603	50	5.7	2000	2.6	1.2	6.8	173	0.9	23	82
	2P2203Q	▶	2P2203	80	9.0	1200	3.1	1.4	8.0	203	0.9	23	82
	2P2103Q	▶	2P2103	170	19	700	3.1	1.4	8.0	203	0.9	23	82
<b>SD9 Series - Low Torque Clutch - Rapid Reverse</b>													
	SD9APB-25LQ	▶	SD9APB-25L	50	5.7	2500	2.7	1.2	8.2	208	0.9	23	78
▶	SD9APB-20LQ	▶	SD9APB-20L	65	7.3	2000	2.7	1.2	8.2	208	0.9	23	78
	SD9APB-12LQ	▶	SD9APB-12L	100	11	1200	3.2	1.5	9.4	239	0.9	23	78
	SD9APB-7LQ	▶	SD9APB-7L	180	20	700	3.2	1.5	9.4	239	0.9	23	78
		▶	SD9APB-4L	300	34	400	3.2	1.5	9.4	239	0.9	23	78

**General:**

Air Inlet Size: 1/4" NPT  
 Performance rated @ 90 psig (6.2 bar) air pressure  
 Recommended Hose Size: 1/4" (6 mm) (1OM series);  
 3/8" (10 mm) (2P, SD9)

Tools available with BSPT air inlet upon request

**Standard Equipment:**

Parts list, Safety and Instruction manual  
 Comfort Grip (1OM, SD9 series)

**Accessories:**

Screwdriver Accessories, see page 48  
 Screwdriver Bits and Finders, see pages 59-60

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.

<sup>1</sup> Torque output varies with force exerted by operator

**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



## POSITIVE CLUTCH PISTOL GRIP SCREWDRIVERS

### Performance:

Torque: 25 in. lb (2.8 Nm) - 300 in. lb (34.0 Nm)

Speed: 400 rpm - 4400 rpm

### Features:

Reversible and Non-reversible

Trigger Start

Trigger or Rapid Reverse

Comfort Grip (SD9 series)

Rotatable Exhaust (2P series)



Model Number		Maximum Torque <sup>3</sup> (Soft Joint)		Free Speed	Weight		Length		Side To Center		Sound Level
1/4" Quick Change	1/4" Internal Hex	in. lb	Nm	rpm	lb	kg	in.	mm	in.	mm	dB(A)
<b>2 Series - Mid Torque Clutch - Trigger Reverse</b>											
▶ 2P2303AQ	▶ 2P2303A	50	5.7	2500	2.6	1.2	6.8	173	0.9	23	82
▶ 2P2603AQ	▶ 2P2603A	65	7.3	2000	2.6	1.2	6.8	173	0.9	23	82
▶ 2P2203AQ	▶ 2P2203A	100	11.3	1200	3.1	1.4	8.0	203	0.9	23	82
▶ 2P2103AQ	▶ 2P2103A	180	20	700	3.1	1.4	8.0	203	0.9	23	82
▶ 2P2503AQ		300	34	400	3.1	1.4	8.0	203	0.9	23	82
<b>SD9 Series - Mid Torque Clutch - Rapid Reverse</b>											
▶ SD9APB-25MQ	▶ SD9APB-25M	50	5.7	2500	2.7	1.2	8.2	208	0.9	23	78
▶ SD9APB-20MQ	▶ SD9APB-20M	65	7.3	2000	2.7	1.2	8.2	208	0.9	23	78
▶ SD9APB-12MQ	▶ SD9APB-12M	100	11.3	1200	3.2	1.5	9.4	239	0.9	23	78
▶ SD9APB-7MQ	▶ SD9APB-7M	180	20.3	700	3.2	1.5	9.4	239	0.9	23	78
▶ SD9APB-4MQ		300	34	400	3.2	1.5	9.4	239	0.9	23	78
<b>2 Series - High Torque Clutch - Trigger Reverse</b>											
▶ 2P2403ASQ		25	2.8	4400	2.6	1.2	6.8	173	0.9	23	82
▶ 2P2303ASQ	▶ 2P2303AS	50	5.7	2500	2.6	1.2	6.8	173	0.9	23	82
▶ 2P2603ASQ	▶ 2P2603AS	65	7.3	2000	2.6	1.2	6.8	173	0.9	23	82
▶ 2P2203ASQ		100	11	1200	3.1	1.4	8.0	203	0.9	23	82
▶ 2P2103ASQ		180	20	700	3.1	1.4	8	203	0.9	23	82
<b>SD9 Series - High Torque Clutch - Rapid Reverse</b>											
▶ SD9APB-25PQ	▶ SD9APB-25P	50	5.7	2500	2.7	1.2	8.2	208	0.9	23	78
▶ SD9APB-20PQ	▶ SD9APB-20P	65	7.3	2000	2.7	1.2	8.2	208	0.9	23	78
▶ SD9APB-12PQ		100	11	1200	3.2	1.5	9.4	239	0.9	23	78
<b>3 Series - High Torque Clutch - Trigger Reverse</b>											
	▶ 3P2603 <sup>1,2</sup>	84	9.5	2250	4.6	2.1	8.7	221	1.0	25	82
	▶ 3P2503 <sup>1,2</sup>	120	13	1800	4.6	2.1	8.7	221	1.0	25	82

### General:

Air Inlet Size: 1/4" NPT

Performance rated @ 90 psig (6.2 bar) air pressure

Recommended Hose Size: 3/8" (10 mm) (2P, SD9, 3P series)

Tools available with BSPT air inlet upon request

### Standard Equipment:

Parts list, Safety and Instruction manual

Comfort Grip (SD9 series)

### Accessories:

Screwdriver Accessories, see page 48

Screwdriver Bits and Finders, see pages 59-60

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.

<sup>1</sup> Not CE Certified

<sup>2</sup> 7/16" internal hex drive

<sup>3</sup> Torque output varies with force exerted by operator

DRILLS

ASSEMBLY

ABRASIVE

FINISHING

PERCUSSIVE

SPECIALTY

ACCESSORIES



**DRILLS**

**POSITIVE CLUTCH INLINE AND Z-HANDLE SCREWDRIVERS**

**Performance:**

Torque: 24 in. lb (2.7 Nm) - 80 in. lb (9.0 Nm)  
 Speed: 800 rpm - 2500 rpm

**ASSEMBLY**

**Features:**

Lever Start  
 Reversible  
 Rear Exhaust

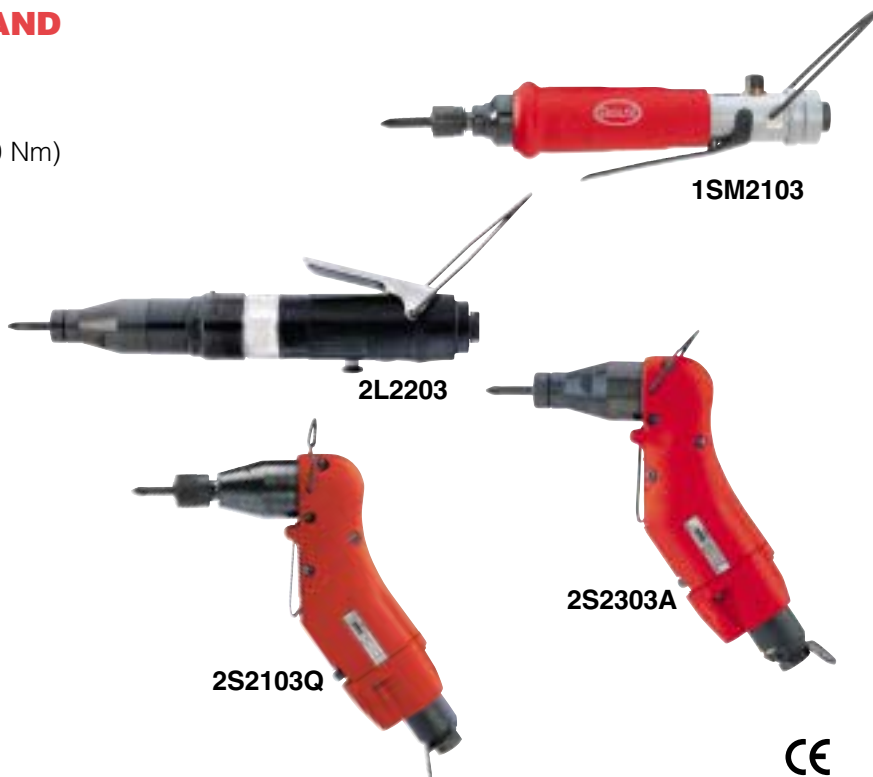
**ABRASIVE**

**FINISHING**

**PERCUSSIVE**

**SPECIALTY**

**ACCESSORIES**



Model Number		Maximum Torque <sup>1</sup> (Soft Joint)		Free Speed	Weight		Length		Side To Center		Sound Level	
1/4" Quick Change	1/4" Internal Hex	in. lb	Nm	rpm	lb	kg	in.	mm	in.	mm	dB(A)	
<b>Inline</b>												
	1SM2403	24	2.7	2200	1.2	0.5	8.1	206	0.6	15	75	
	1SM2303	30	3.4	1500	1.4	0.6	9.1	231	0.6	15	75	
	1SM2203	40	4.5	1100	1.4	0.6	9.1	231	0.6	15	75	
	1SM2103	55	6.2	800	1.4	0.6	9.1	231	0.6	15	75	
<b>Inline - Low Torque Clutch</b>												
	2L2303Q	2L2303	45	5.1	2500	2.6	1.2	10.2	259	0.9	23	84
	2L2603Q	2L2603	50	5.7	2000	2.6	1.2	10.2	259	0.9	23	84
	2L2203Q	2L2203	80	9.0	1200	3.1	1.4	11.4	290	0.9	23	84
<b>Z-Handle - Low Torque Clutch</b>												
	2S2303Q	2S2303	30	3.4	2200	2.6	1.2	4.3	109	0.9	23	75
	2S2203Q	2S2203	46	5.2	1600	2.6	1.2	4.3	109	0.9	23	75
	2S2103Q	2S2103	60	6.8	1000	2.6	1.2	4.3	109	0.9	23	75
<b>Z-Handle - Mid-Torque Clutch</b>												
	2S2303AQ	2S2303A	30	3.4	2200	2.6	1.2	4.3	109	0.9	23	75
	2S2203AQ	2S2203A	46	5.2	1600	2.6	1.2	4.3	109	0.9	23	75
	2S2103AQ	2S2103A	60	6.8	1000	2.6	1.2	4.3	109	0.9	23	75

**General:**

Air Inlet Size: 1/4" NPT  
 Performance rated @ 90 psig (6.2 bar) air pressure  
 Tools available with BSPT air inlet upon request  
 Recommended Hose Size: 1/4" (6 mm) (1SM series); 3/8" (10 mm) (2S, 2L series)

**Standard Equipment:**

Parts list, Safety and Instruction manual  
 Comfort Grip (1SM series)  
 Suspension Bail

**Accessories:**

Screwdriver Accessories, see page 48  
 Screwdriver Bits and Finders, see page 59-60

<sup>1</sup> Torque output varies with force exerted by operator

**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



## STALL PISTOL GRIP SCREWDRIVERS

### Performance:

Torque: 18 in. lb (2.0 Nm) - 350 in. lb (39.6 Nm)

Speed: 400 rpm - 5800 rpm

### Features:

Reversible and Non-reversible

Trigger Start

Trigger or Rapid Reverse

Comfort Grip (1OM, SD9 series)

1/4" Quick Change



Model Number	Maximum Torque (Soft Joint)		Free Speed rpm	Weight		Length		Side To Center		Sound Level dB(A)
	in. lb	Nm		lb	kg	in.	mm	in.	mm	
<b>Trigger Start - Trigger Reverse</b>										
1OM2507	18	2.0	2600	1.6	0.7	6.7	170	0.7	18	75
▶ 1OM2407	24	2.7	2000	1.6	0.7	6.7	170	0.7	18	75
▶ 1OM2307	30	3.4	1400	1.8	0.8	7.7	196	0.7	18	75
▶ 1OM2207	40	4.5	1000	1.8	0.8	7.7	196	0.7	18	75
▶ 1OM2107	55	6.2	725	1.8	0.8	7.7	196	0.7	18	75
▶ 2P2407	30	3.4	4400	2.3	1.0	8.8	224	0.9	23	82
▶ 2P2307	55	6.2	2500	2.3	1.0	8.8	224	0.9	23	82
▶ 2P2607	70	7.9	2000	1.8	0.8	8.8	224	0.9	23	82
▶ 2P2207	105	11.7	1200	1.8	0.8	10	254	0.9	23	82
▶ 2P2107	185	20.9	700	1.8	0.8	10	254	0.9	23	82
▶ 2P2507	325	36.7	400	1.8	0.8	10	254	0.9	23	82
<b>Trigger Start - Rapid Reverse</b>										
▶ SD9APB-44Q	32	3.6	4400	2.4	1.1	6.4	163	0.9	23	78
▶ SD9APB-25Q	55	6.2	2500	2.4	1.1	6.4	163	0.9	23	78
▶ SD9APB-20Q	70	7.9	2000	2.4	1.1	6.4	163	0.9	23	78
▶ SD9APB-12Q	120	13.6	1200	2.9	1.3	7.6	193	0.9	23	78
▶ SD9APB-7Q	200	22.6	700	2.9	1.3	7.6	193	0.9	23	78
▶ SD9APB-4Q	350	39.6	400	2.9	1.3	7.6	193	0.9	23	78
<b>Trigger Start - Non-reversible</b>										
▶ 2P1407	40	4.5	5800	2.3	1.0	5.4	137	0.9	23	82
▶ 2P1607	90	10.2	2600	2.3	1.0	5.4	137	0.9	23	82
▶ 2P1207	140	15.8	1600	2.7	1.2	6.6	168	0.9	23	82
▶ 2P1107	240	27.1	900	2.7	1.2	6.6	168	0.9	23	82

#### General:

Air Inlet Size: 1/4" NPT  
 Recommended Hose Size: 1/4" (6 mm) (1OM series); 3/8" (10 mm) (2P, SD9 series)  
 Performance rated @ 90 psig (6.2 bar) air pressure  
 Tools available with BSPT air inlet upon request

#### Standard Equipment:

Parts list, Safety and Instruction manual  
 Comfort Grip (1OM, SD9 series)

#### Accessories:

Screwdriver Accessories, see page 48  
 Screwdriver Bits and Finders, see pages 59-60

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.



**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



DRILLS

## STALL INLINE AND Z-HANDLE SCREWDRIVERS

### Performance:

Torque: 24 in. lb (2.7 Nm) - 325 in. lb (36.7 Nm)

Speed: 400 rpm - 4400 rpm



ASSEMBLY

### Features:

Reversible

Lever Start

Rear Exhaust

Suspension Bail

ABRASIVE

FINISHING

PERCUSSIVE

SPECIALTY

ACCESSORIES



Model Number	Maximum Torque (Soft Joint)		Free Speed rpm	Weight		Length		Side To Center		Sound Level dB(A)
	in. lb	Nm		lb	kg	in.	mm	in.	mm	
<b>Inline - Reversible - 1/4" Quick Change Drive</b>										
1SM2407	24	2.7	2200	1.3	0.6	8.1	206	0.6	15	75
1SM2307	30	3.4	1500	1.4	0.6	9.1	231	0.6	15	75
1SM2207	40	4.5	1100	1.4	0.6	9.1	231	0.6	15	75
1SM2107	55	6.2	800	1.4	0.6	9.1	231	0.6	15	75
2L2407	30	3.4	4400	2.3	1.0	8.8	224	0.9	23	84
2L2307	55	6.2	2500	2.3	1.0	8.8	224	0.9	23	84
2L2607	70	7.9	2000	2.3	1.0	8.8	224	0.9	23	84
2L2207	105	11.9	1200	2.8	1.3	10.0	254	0.9	23	84
2L2107	185	20.9	700	2.8	1.3	10.0	254	0.9	23	84
2L2507	325	36.7	400	2.8	1.3	10.0	254	0.9	23	84
<b>Z-Handle - 1/4" Quick Change Drive</b>										
2S2307	36	4.1	2200	2.3	1.0	2.9	74	0.9	23	75
▶ 2S2207	50	5.7	1600	2.3	1.0	2.9	74	0.9	23	75
▶ 2S2107	70	7.9	1000	2.3	1.0	2.9	74	0.9	23	75

### General:

Air Inlet Size: 1/4" NPT

Recommended Hose Size: 1/4" (6 mm) (1SM series);  
3/8" (10 mm) (2L, 2S series)

Performance rated @ 90 psig (6.2 bar) air pressure

Tools available with BSPT air inlet upon request

### Standard Equipment:

Parts list, Safety and Instruction manual

Comfort Grip (1SM series)

Suspension Bail

### Accessories:

Screwdriver Accessories, see page 48

Screwdriver Bits and Finders, see pages 59-60

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.

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



## ADJUSTABLE CLUTCH PISTOL GRIP SCREWDRIVERS

### Performance:

Torque: 14 in. lb (1.5 Nm) - 120 in. lb (14 Nm)

Speed: 400 rpm - 2600 rpm

Screw size: #6 - 1/4" (M3 - M6)

### Features:

Reversible and Non-reversible

Trigger Start

Trigger or Rapid Reverse



Model Number		Screw Capacity <sup>1</sup>		Maximum Torque (Soft Joint)		Free Speed	Weight		Length		Side To Center		Sound Level
1/4" QC <sup>2</sup>	1/4" IH <sup>3</sup>	in.	mm	in. lb	Nm	rpm	lb	kg	in.	mm	in.	mm	dB(A)
<b>Trigger Start - Rapid Reverse</b>													
	1OM2505	#6	M3	14	1.5	2600	1.9	0.9	7.8	198	0.7	18	75
1OM2405Q	1OM2405	#6	M3.5	20	2.3	2000	1.9	0.9	7.8	198	0.7	17	75
1OM2305Q	1OM2305	#8	M4	25	2.8	1400	2.1	1.0	8.8	224	0.7	17	75
1OM2205Q	1OM2205	#10	M4	35	4.0	1000	2.1	1.0	8.8	224	0.7	17	75
▶ 1OM2105Q	1OM2105	#10	M5	50	5.7	725	2.1	1.0	8.8	224	0.7	17	75
<b>Trigger Start - Trigger Reverse</b>													
▶ 2P2305Q	▶ 2P2305	#10	M4	45	5.1	2500	2.9	1.3	8.1	206	0.9	23	82
▶ 2P2605Q	2P2605	#10	M5	60	6.8	2000	2.9	1.3	8.1	206	0.9	23	82
2P2205Q	2P2205	1/4	M6	90	10	1200	2.4	1.1	9.3	236	0.9	23	82
2P2105Q	2P2105	1/4	M6	120	14	700	2.4	1.1	9.3	236	0.9	23	82
2P2505Q	2P2505	1/4	M6	120	14	400	2.4	1.1	9.3	236	0.9	23	82
<b>Trigger Start - Rapid Reverse</b>													
SD9APB-25AQ	SD9APB-25A	#10	M4	45	5.1	2500	3.0	1.4	9.4	240	0.9	23	78
SD9APB-20AQ	SD9APB-20A	#10	M5	60	6.8	2000	3.0	1.4	9.4	240	0.9	23	78
SD9APB-12AQ	SD9APB-12A	1/4	M6	90	10	1200	3.5	1.5	10.6	270	0.9	23	78
SD9APB-7AQ	SD9APB-7A	1/4	M6	120	14	700	3.5	1.5	10.6	270	0.9	23	78
	SD9APB-4A	1/4	M6	120	14	400	3.5	1.5	10.6	270	0.9	23	78

#### General:

Air Inlet Size: 1/4" NPT  
 Recommended Hose Size: 1/4" (6 mm) (1OM series); 3/8" (10 mm) (2P, SD9 series)  
 Performance rated @ 90 psig (6.2 bar) air pressure  
 Tools available with BSPT air inlet upon request

#### Standard Equipment:

Parts list, Safety and Instruction manual  
 Comfort Grip (1OM, SD9 series)  
 Clutch Adjustment Wrench

#### Accessories:

Screwdriver Accessories, see page 48  
 Screwdriver Bits and Finders, see pages 59-60

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.

<sup>1</sup> Screw capacities are based on suggested assembly torques applied to SAE Grade 5 and metric Class 9.8 fasteners under slightly lubricated conditions

<sup>2</sup> Quick Change

<sup>3</sup> Internal Hex



**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



**DRILLS**

**ADJUSTABLE CLUTCH INLINE AND Z-HANDLE SCREWDRIVERS**

**Performance:**

Torque: 20 in. lb (2.3 Nm) - 120 in. lb (14 Nm)

Speed: 400 rpm - 2500 rpm

Screw size: #6 - 1/4" (M3.5 - M6)

**ASSEMBLY**

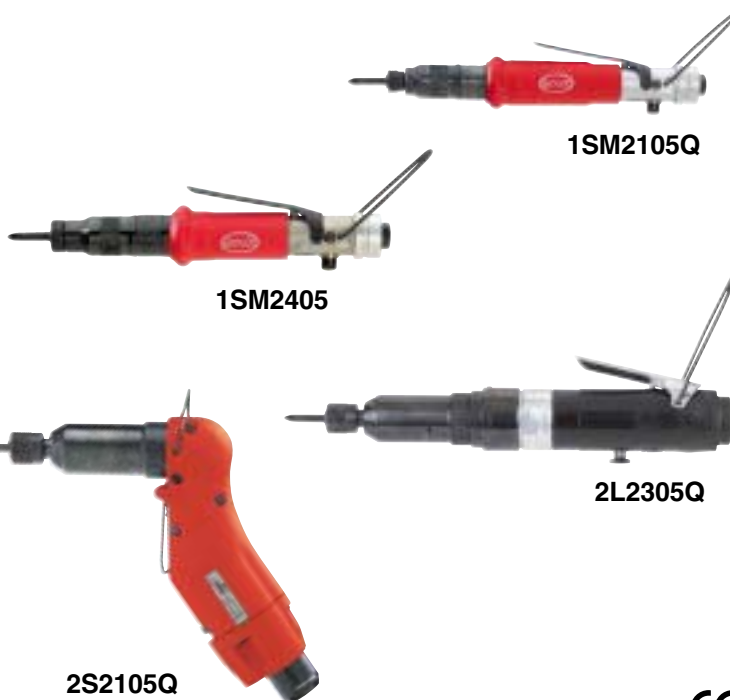
**Features:**

Reversible

Rear Exhaust

External Clutch Adjustment

**ABRASIVE**



**FINISHING**

Model Number		Screw Capacity <sup>1</sup>		Maximum Torque (Soft Joint)		Free Speed	Weight		Length		Side To Center		Sound Level
1/4" QC <sup>2</sup>	1/4" IH <sup>3</sup>	in.	mm	in. lb	Nm	rpm	lb	kg	in.	mm	in.	mm	dB(A)
<b>Inline - Lever Start</b>													
1SM2405Q	1SM2405	#6	M3.5	20	2.3	2200	1.6	0.7	9.3	236	0.6	15	75
1SM2305Q	1SM2305	#8	M4	25	2.8	1500	1.8	0.4	10.3	262	0.6	15	75
1SM2205Q	1SM2205	#10	M4	35	4.0	1100	1.8	0.4	10.3	262	0.6	15	75
▶ 1SM2105Q	1SM2105	#10	M5	50	5.7	800	1.8	3.6	10.3	262	0.6	15	75
2L2305Q	2L2305	#10	M4	45	5.1	2500	3.0	1.4	11.4	290	0.9	23	84
2L2605Q	2L2605	#10	M5	60	6.8	2000	3.0	1.4	11.4	290	0.9	23	84
2L2205Q	2L2205	1/4	M6	90	10	1200	3.4	1.5	12.6	320	0.9	23	84
2L2105Q	2L2105	1/4	M6	120	14	700	3.4	1.5	12.6	320	0.9	23	84
2L2505Q	2L2505	1/4	M6	120	14	400	3.4	1.5	12.6	320	0.9	23	84
<b>Z-Handle - Lever Start</b>													
2S2305Q	2S2305	#8	M4	30	3.4	2200	2.9	1.3	5.8	147	0.9	23	75
2S2205Q	2S2205	#10	M4	46	5.2	1600	2.9	1.3	5.8	147	0.9	23	75
2S2105Q	2S2105	#10	M5	60	6.8	1000	2.9	1.3	5.8	147	0.9	23	75

**PERCUSSIVE**

**SPECIALTY**

**ACCESSORIES**

**General:**

Air Inlet Size: 1/4" NPT  
 Recommended Hose Size: 1/4" (6 mm) (1SM series); 3/8" (10 mm) (2L, 2S series)  
 Performance rated @ 90 psig (6.2 bar) air pressure  
 Tools available with BSPT air inlet upon request

**Standard Equipment:**

Parts list, Safety and Instruction manual  
 Comfort Grip (1SM series)  
 Suspension Bail  
 Clutch Adjustment Wrench

**Accessories:**

Screwdriver Accessories, see page 48  
 Screwdriver Bits and Finders, see pages 59-60

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.

<sup>1</sup> Screw capacities are based on suggested assembly torques applied to SAE Grade 5 and metric Class 9.8 fasteners under slightly lubricated conditions

<sup>2</sup> Quick Change

<sup>3</sup> Internal Hex

**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



## TORQUE CONTROL SCREWDRIVERS

### Performance:

Torque: 5.0 in. lb (0.6 Nm) - 200 in. lb (22.6 Nm)

Speed: 300 rpm - 2800 rpm

Screw size: #6 - 5/16" (M3 - M8)

### Features:

Push-to-start and Lever Start

Reversible

Locking Button Reverse

External Clutch Adjustment



1ST2108



2L2108QTC



1OT2208Q



Model Number		Screw Capacity <sup>1</sup>		Torque Range (Soft Joint)		Free Speed	Weight		Length		Side To Center		Sound Level	
1/4" QC <sup>2</sup>	1/4" IH <sup>3</sup>	in.	mm	in. lb	Nm	rpm	lb	kg	in.	mm	in.	mm	dB(A)	
<b>Inline - Push To Start</b>														
		#6	M3	5.0-14	0.6-1.5	2800	1.4	0.6	8.3	211	0.6	15	75	
▶	1ST2308Q	1ST2308	#8	M4	5.0-25	0.6-3.0	1500	1.6	0.7	9.3	236	0.6	15	75
▶	1ST2208Q	1ST2208	#10	M4	5.0-35	0.6-4.0	1100	1.6	0.7	9.3	236	0.6	15	75
▶	1ST2108Q	1ST2108	#10	M5	5.0-50	0.6-5.5	800	1.6	0.7	9.3	236	0.6	15	75
<b>Inline - Lever Start</b>														
		1/4	M6	30-96	3.4-10.8	900	3.7	1.7	12.1	307	1.0	25	80	
		1/4	M6	36-144	4.0-16.3	500	3.7	1.7	12.1	307	1.0	25	80	
		5/16	M8	60-200	6.8-22.6	300	3.7	1.7	12.1	307	1.0	25	80	
<b>Pistol Grip - Push To Start</b>														
▶	1OT2508Q		#6	M3	5.0-14	0.6-1.5	2600	1.9	0.9	7.8	200	0.7	17	75
	1OT2308Q		#8	M4	5.0-25	0.6-3.0	1400	2.1	1.0	8.8	225	0.7	17	75
	1OT2208Q	1OT2208	#10	M4	5.0-35	0.6-4.0	1000	2.1	1.0	8.8	225	0.7	17	75
	1OT2108Q	1OT2108	#10	M5	5.0-50	0.6-5.5	725	2.1	1.0	8.8	225	0.7	17	75

### General:

Air Inlet Size: 1/4" NPT

Recommended Hose Size: 1/4" (6 mm) (1OT, 1ST series); 3/8" (10 mm) (2L series)

Performance rated @ 90 psig (6.2 bar) air pressure

Tools available with BSPT air inlet upon request

### Standard Equipment:

Parts list, Safety and Instruction manual

Comfort Grip (1OT, 1ST series)

Suspension Bail (Inline models)

### Accessories:

Screwdriver Accessories, see page 48

Screwdriver Bits and Finders, see pages 59-60

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.

<sup>1</sup> Screw capacities are based on suggested assembly torques applied to SAE Grade 5 and metric Class 9.8 fasteners under slightly lubricated conditions

<sup>2</sup> Quick Change

<sup>3</sup> Internal Hex



**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



DRILLS

## DIRECT CLUTCH SCREWDRIVERS

### Performance:

Torque: 36 in. lb (4.1 Nm) - 350 in. lb (39.6 Nm)

Speed: 400 rpm - 2500 rpm

ASSEMBLY

### Features:

Pistol Grip, Inline, and Z-handles

Trigger and Lever Start

Reversible and Non-reversible

Rear Exhaust (2L, 2S series)

ABRASIVE

FINISHING

PERCUSSIVE

SPECIALTY

ACCESSORIES



Model Number		Maximum Torque (Soft Joint)		Free Speed	Weight		Length		Side To Center		Sound Level
1/4" Quick Change	1/4" Internal Hex	in. lb	Nm	rpm	lb	kg	in.	mm	in.	mm	dB(A)
<b>Pistol Grip - Trigger Start - Trigger Reverse</b>											
2P2301Q	2P2301	55	6.2	2500	2.6	1.2	6.8	173	0.9	23	82
2P2601Q	2P2601	70	7.9	2000	2.6	1.2	6.8	173	0.9	23	82
2P2201Q	2P2201	105	11.9	1200	3.1	1.4	8.0	203	0.9	23	82
2P2101Q	2P2101	185	20.9	700	3.1	1.4	8.0	203	0.9	23	82
2P2501Q	2P2501	325	36.7	400	3.1	1.4	8.0	203	0.9	23	82
<b>Pistol Grip - Trigger Start - Rapid Reverse</b>											
SD9APB-25DQ	SD9APB-25D	55	6.2	2500	2.7	1.2	8.2	208	0.9	23	78
SD9APB-20DQ	SD9APB-20D	70	7.9	2000	2.7	1.2	8.2	208	0.9	23	78
SD9APB-12DQ	SD9APB-12D	120	13.6	1200	3.2	1.5	9.4	239	0.9	23	78
SD9APB-7DQ	SD9APB-7D	200	22.6	700	3.2	1.5	9.4	239	0.9	23	78
SD9APB-4DQ	SD9APB-4D	350	39.6	400	3.2	1.5	9.4	239	0.9	23	78
<b>Inline - Lever Start - Reversible</b>											
2L2301Q	2L2301	55	6.2	2500	2.6	1.2	6.8	173	0.9	23	84
<b>Inline - Lever Start - Non-reversible</b>											
	2L1201Q	140	15.8	1600	2.9	1.3	10.5	267	0.9	23	84
<b>Z-Handle - Lever Start - Reversible</b>											
	2S2301	36	4.1	2200	2.6	1.2	4.3	109	0.9	23	75
	2S2201	50	5.7	1600	2.6	1.2	4.3	109	0.9	23	75
	2S2101	70	7.9	1000	2.6	1.2	4.3	109	0.9	23	75

### General:

Air Inlet Size: 1/4" NPT  
 Recommended Hose Size: 3/8" (10 mm)  
 Performance rated @ 90 psig (6.2 bar) air pressure  
 Tools available with BSPT air inlet upon request

### Standard Equipment:

Parts list, Safety and Instruction manual  
 Suspension Bail (2L, 2S series)

### Accessories:

Screwdriver Accessories, see page 48  
 Screwdriver Bits and Finders, see pages 59-60

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 SCREWDRIVERS

### Performance:

Torque: 20 in. lb (2.3 Nm) - 310 in. lb (35 Nm)

Speed: 400 rpm - 2500 rpm

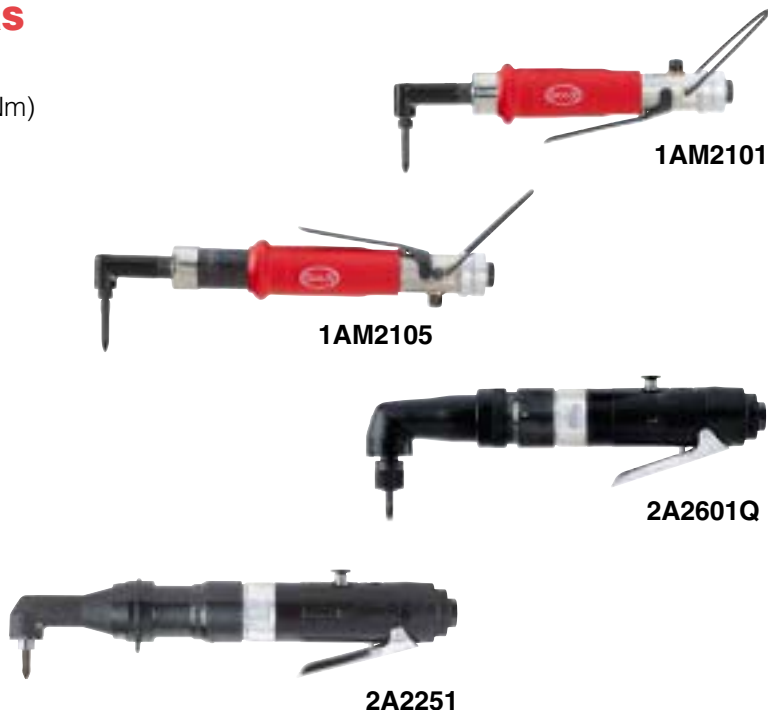
### Features:

Stall Drive and Adjustable Clutch

Button Reverse

Lever Start

Rear Exhaust



Model Number		Maximum Torque (Soft Joint)		Free Speed	Weight		Length		Side To Center		Sound Level
1/4" Quick Change	1/4" Internal Hex	in. lb	Nm	rpm	lb	kg	in.	mm	in.	mm	dB(A)
<b>Stall Drive</b>											
	1AM2401	20	2.3	2200	1.4	0.6	9.1	231	0.3	8	75
	1AM2301	25	2.8	1500	1.5	0.7	10.0	254	0.3	8	75
	1AM2201	35	4.0	1100	1.5	0.7	10.0	254	0.3	8	75
	1AM2101	50	5.7	800	1.5	0.7	10.0	254	0.3	8	75
2A2301Q		65	7.3	2500	3.4	1.5	11.5	292	0.7	18	84
2A2601Q	2A2601	75	8.5	2000	3.4	1.5	11.5	292	0.7	18	84
2A2201Q	2A2201	115	13.0	1200	3.8	1.7	12.8	325	0.7	18	84
2A2101Q	2A2101	240	27.1	700	3.8	1.7	12.8	325	0.7	18	84
<b>Stall Drive - Low Profile Head</b>											
	2A2351	65	7.3	2500	3.3	1.5	11.5	292	0.5	13	84
	2A2651	75	8.5	2000	3.3	1.5	11.5	292	0.5	13	84
	2A2251	115	13.0	1200	3.6	1.6	12.8	325	0.5	13	84
	2A2151	240	27.1	700	3.6	1.6	12.8	325	0.5	13	84
	2A2551	310	35.0	400	3.6	1.6	12.8	325	0.5	13	84
<b>Adjustable Clutch</b>											
	1AM2405	20	2.3	2200	1.7	0.8	10.6	269	0.3	8	75
	1AM2305	25	2.8	1500	1.9	0.9	11.8	300	0.3	8	75
	1AM2205	35	4.0	1100	1.9	0.9	11.8	300	0.3	8	75
	1AM2105	50	5.7	800	1.9	0.9	11.8	300	0.3	8	75
	2A2205	120	13.6	700	4.5	2.0	13.8	351	0.7	18	84

#### General:

Air Inlet Size: 1/4" NPT

Recommended Hose Size: 1/4" (6 mm) (1AM series); 3/8" (10 mm) (2A series)

Performance rated @ 90 psig (6.2 bar) air pressure

Tools available with BSPT air inlet upon request

#### Standard Equipment:

Parts list, Safety and Instruction manual

Comfort Grip (1AM series)

#### Accessories:

Screwdriver Accessories, see page 48

Screwdriver Bits and Finders, see pages 59-60



**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



**DRILLS**

**Z-HANDLE CORDED SCREWDRIVER AND DRILL/DRIVER**

**Performance:**

Voltage: 120 volts

Torque: 40 in. lb (55 Nm) - 60 in. lb (80 Nm)

Speed: 1300 rpm

**ASSEMBLY**

**Features:**

Reversible

Lever Start

Variable Speed

Double Insulated



**ABRASIVE**

**FINISHING**

Model Number	Stall Torque		Maximum Working Torque		Max. Free Speed rpm	Weight		Length		Side To Center		Overall Length	
	in. lb	Nm	in. lb	Nm		lb	kg	in.	mm	in.	mm	in.	mm
<b>Screwdriver - 0.4 hp (0.3 kw)</b>													
8020ES	120	160	40	55	1300	3.4	1.5	1.0	25	4.6	116	10	254
<b>Drill/Driver - 0.4 hp (0.3 kw)</b>													
▶ 8030ES	120	160	60	80	1300	3.6	1.6	1.0	25	5.3	133	10	254

**PERCUSSIVE**

**General:**

Rated Voltage: 120 volts  
Rated Current: 3.5 amps

**Output Capacity:**

1/4" Female Hex (8020ES)  
3/8" Keyless Chuck (8030ES)

**Standard Equipment:**

Parts list, Safety and Instruction manual  
3-jaw Keyless Chuck (8030ES)  
8 ft power cord

**Accessories:**

Screwdriver Accessories, see page 48  
Screwdriver Bits and Finders, see pages 59-60

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.

**SPECIALTY**

**ACCESSORIES**



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 NUTRUNNERS

### Performance:

Torque: 20 in. lb (2.3 Nm) - 600 in. lb (68 Nm)

Speed: 300 rpm - 2200 rpm

Bolt Size: #8 - 7/16" (M4 - M11)

### Features:

Reversible

Lever Start

Rear and Side Exhaust



1AM2106



2A2108BTC



3A2104



Model Number	Bolt Capacity <sup>2</sup>		Maximum Torque (Soft Joint)		Free Speed rpm	Weight		Length		Side To Center		Sound Level dB(A)	Drive Size	
	in.	mm	in. lb	Nm		lb	kg	in.	mm	in.	mm		in.	mm
<b>Torque Control Clutch</b>														
2A2308BTC	1/4	M6	108	12	750	4.7	2.1	15.1	384	1.0	25	80	3/8	10
2A2208BTC	5/16	M8	156	18	450	4.7	2.1	15.1	384	1.0	25	80	3/8	10
2A2108BTC	3/8	M10	240	27	250	4.7	2.1	15.1	384	1.0	25	80	3/8	10
3A2208 <sup>1</sup>	3/8	M10	294	33	480	7.4	3.4	18.3	465	0.8	20	81	1/2	13
3A2108 <sup>1</sup>	3/8	M10	360	41	300	7.4	3.4	18.3	465	0.8	20	81	1/2	13
<b>Adjustable Clutch</b>														
1AM2106	#10	M4.5	50	5.7	800	1.9	0.9	11.6	295	0.3	8	75	1/4	6
1AM2206	#10	M4	35	4.0	1100	1.9	0.9	11.8	300	0.3	8	75	1/4	6
<b>Direct Clutch</b>														
1AM2402	#8	M4	20	2.3	2200	1.4	0.6	9.0	229	0.3	8	75	1/4	6
1AM2102	#10	M4.5	50	5.7	800	1.5	0.7	11.5	292	0.3	8	75	1/4	6
<b>Stall Drive</b>														
3A2104 <sup>1</sup>	7/16	M11	600	68	300	5.5	2.5	15.5	394	0.8	20	81	1/2	13

### General:

Air Inlet Size: 1/4" NPT

Recommended Hose Size: 1/4" (6 mm) (1AM series);  
3/8" (10 mm) (2A, 3A series)

Performance rated @ 90 psig (6.2 bar) air pressure

Tools available with BSPT air inlet upon request

### Standard Equipment:

Parts list, Safety and Instruction manual

Comfort Grip (1AM series)

Clutch Adjustment Wrench

### Accessories:

Nutrunner Accessories, see page 48

Sockets, see page 58

<sup>1</sup> Not CE Certified

<sup>2</sup> Bolt capacities are based on suggested assembly torques applied to SAE Grade 5 and metric Class 9.8 fasteners under slightly lubricated conditions



**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



DRILLS

## Clutch Springs



ASSEMBLY

Part Number	Color	Torque Range	
		in. lb	Nm
SD9A, 2 Series Adjustable Clutch			
41284	Green	<25	<2.8
21427	N/A	>25	>2.8
1 Series Adjustable Clutch			
66048	Silver	30-50	3.4-5.7
66049	Blue	15-35	1.7-4.0
66050	Green	2.0-20	0.22-2.3
2 Series Torque Control Clutch			
65048	Silver	60-280	6.8-32
65049	Blue	36-180	4.1-20
65050	Green	30-120	3.4-14

ABRASIVE

FINISHING

## Comfort Grips



PERCUSSIVE

Part Number	For Use On
68340	1 series pistol grip
67806	SD9A series
66193	1 series inline (2800 rpm)
66124	1 series inline (except 2800 rpm)

SPECIALTY

## Remote Exhaust Kits



ACCESSORIES

Part Number	For Use On
3301	1 series pistol grip
3302	1 series inline
3303	Z-handle series

**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



# 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 over 1,500 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 Industrial and Force Impact Wrenches and Impact Drivers in a wide variety of configurations to meet your specific applications. In order to select the correct impact tool for your job requirements, you must take into account several factors including fastener size and grade, required torque output, and accessibility. 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.

## Industrial Impact Tools

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

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

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

In addition, Sioux offers a wide range of performance levels and characteristics to ensure a perfect match to your application. With drive sizes ranging from, 1/4" (6 mm) to 1" (25 mm), and torque outputs up to 1600 ft lb (2170 Nm), finding the tool to meet your performance requirements will be simple.

DRILLS

ASSEMBLY

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**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

DRILLS

## 3/8" (10 mm) AND 1/2" (13 mm) IMPACT WRENCHES

### Performance:

Torque: 15 ft lb (20 Nm) - 500 ft lb (678 Nm)

Drive Size: 3/8" (10 mm) - 1/2" (13 mm) square drive

Bolt Capacity: 3/8" (10 mm) - 7/8" (22 mm)

### Features:

Pistol Grip & Inline

Steel Anvil Housing (Pistol Grip Models)

Suspension Bail



4073



4035



4093



IW50HAP-4P



IW38TAP-3P



ASSEMBLY

ABRASIVE

FINISHING

PERCUSSIVE

SPECIALTY

ACCESSORIES

Model Number	Drive Size		Bolt Cap. Grade 5		Working Torque Range*		Maximum Torque		Blows per Minute	Free Speed rpm	Weight		Length		Side To Center		Avg Air Consump.		Socket Retainer Style
	in.	mm	in.	mm	ft lb	Nm	ft lb	Nm			lb	kg	in.	mm	in.	mm	scfm	l/s	
<b>Inline</b>																			
4090 <sup>1</sup>	3/8	10	3/8	10	15-60	20-80	78	106	1600	10,000	2.5	1.1	7.0	178	0.9	23	3	1	Pin
4093 <sup>1</sup>	3/8	10	3/8	10	15-60	20-80	78	106	1600	10,000	2.5	1.1	7.0	178	0.9	23	3	1	Pin
4091 <sup>1,2</sup>	1/2	13	3/8	10	15-60	20-80	78	106	1600	10,000	2.8	1.3	7.0	178	0.9	23	3	1	Pin
4094 <sup>1</sup>	1/2	13	3/8	10	15-60	20-80	78	106	1600	10,000	2.8	1.3	7.0	178	0.9	23	3	1	Pin
<b>Pistol Grip</b>																			
▶ IW38TAP-3P	3/8	10	1/2	13	10-90	13-122	120	160	1700	10,000	2.2	1.0	5.5	140	1.8	46	6	3	Pin
4073	3/8	10	3/8	10	15-60	20-80	78	106	1600	10,000	3.0	1.4	5.0	127	0.8	20	3	1	Pin
IW38HAP-3P	3/8	10	3/8	10	60-200	80-270	250	340	1380	10,000	3.3	1.5	6.7	170	1.1	28	2	1	Pin
IW38HAP-4P	1/2	13	3/8	10	60-200	80-270	250	340	1380	10,000	3.3	1.5	6.7	170	1.1	28	2	1	Pin
4074	1/2	13	3/8	10	15-60	20-80	78	106	1600	10,000	3.0	1.4	5.0	127	0.8	20	3	1	Pin
4034	1/2	13	5/8	15	50-210	70-285	275	370	1470	6,000	6.2	2.8	7.3	185	1.3	33	4	1.8	Pin
4034B <sup>4</sup>	1/2	13	5/8	15	50-190	70-260	250	340	1470	6,000	6.3	2.9	10.3	265	1.3	33	4	1.8	Pin
4034C	1/2	13	5/8	15	50-190	70-260	275	370	1470	6,000	6.2	2.8	7.3	185	1.3	33	4	1.8	Ring
4034F	1/2	13	5/8	15	50-210	70-285	275	370	1470	6,000	6.3	2.9	7.3	185	1.3	33	4	1.8	Pin
▶ 4035	1/2	13	7/8	22	80-500	92-678	600	813	950	6,500	6.6	3.0	7.9	201	1.3	33	6	3	Pin
4035B <sup>3</sup>	1/2	13	7/8	22	80-500	92-678	600	813	950	6,500	6.8	3.1	9.9	251	1.3	33	6	3	Pin
▶ 4035C	1/2	13	7/8	22	80-500	92-678	600	813	950	6,500	6.6	3.0	7.9	201	1.3	33	6	3	Ring
IW50HAP-4F	1/2	13	5/8	16	100-450	135-610	550	745	1140	7000	4.3	1.95	7.6	192	1.3	33	4	1.8	Ring
IW50HAP-4P	1/2	13	5/8	16	100-450	135-610	550	745	1140	7000	4.3	1.95	7.6	192	1.3	33	4	1.8	Pin

### General:

Air Inlet Size: 1/4" NPT

Recommended Hose Size: 3/8" (10 mm)

Performance rated @ 90 psig (6.2 bar) air pressure

Tools available with BSPT air inlet upon request

### Standard Equipment:

Parts list, Safety and Instruction manual

Suspension Bail

Front rubber boot (Inline models)

### Accessories:

Impact Wrench Accessories, see page 58

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.

<sup>1</sup> Not CE Certified

<sup>2</sup> Swivel air inlet

<sup>3</sup> 2-1/4" (58 mm) extended anvil

<sup>4</sup> 3" (76 mm) Extended Anvil

\* Maximum working torque determined by 5 second rundown on appropriate Skidmore-Wilhelm Torque-Tension Tester

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



## 3/4" (19 mm), 1" (25 mm) IMPACT WRENCHES

### Performance:

Torque: 800 ft lb (1085 Nm) - 1500 ft lb (2035 Nm)

Drive Size: 3/4" (19 mm) - 1" (25 mm) Square Drive & #5 Spline

Bolt Capacity: 3/4" (19 mm) - 1-3/8" (35 mm)

### Features:

Pistol Grip & D-Handle

Inside & Outside Trigger (D-Handle Models)

Steel Anvil Housing



Model Number	Drive Size		Bolt Cap. Grade 5		Max. Working Torque*		Maximum Torque		Blows per Minute	Free Speed rpm	Weight		Length		Side To Center		Avg Air Consump. scfm l/s	Socket Retainer Style	
	in.	mm	in.	mm	ft lb	Nm	ft lb	Nm			lb	kg	in.	mm	in.	mm			
<b>Pistol Grip</b>																			
▶ 4038	3/4	19	3/4	19	850	1150	935	1270	960	4500	12.3	5.6	9.2	234	1.8	46	36	17	Hole
4039	3/4	19	3/4	19	850	1150	935	1270	960	4500	12.3	5.6	9.2	234	1.8	46	36	17	Ring
IW75BP-6H	3/4	19	3/4	19	800	1085	1000	1356	1000	5700	11.6	5.3	7.6	193	1.75	45	15	7	Hole
4038-1	1	25	3/4	19	800	1085	1000	1356	1000	5700	11.6	5.3	7.6	193	1.75	45	15	7	Hole
IW75BP-8H	1	25	3/4	19	825	1119	1100	1492	1000	5700	11.7	5.3	7.6	193	1.75	45	15	7	Hole
<b>D-Handle - Inside Trigger</b>																			
4055	1	25	1-3/8	35	1500	2035	1600	2170	1000	4500	26	11.8	15.7	399	2.3	58	25	12	Hole
4057	#5 Spline	35	1-3/8	35	1500	2035	1600	2170	1000	4500	26	11.8	15.7	399	2.3	58	25	12	Ring
<b>D-Handle - Outside Trigger</b>																			
4058	1	35	1-3/8	35	1500	2035	1600	2170	1000	4500	26	11.8	15.7	399	2.3	58	25	12	Hole

### General:

Air Inlet Size: 3/8" NPT

Recommended Hose Size: 1/2" (13 mm)

Performance rated @ 90 psig (6.2 bar) air pressure

Tools available with BSPT air inlet upon request

### Standard Equipment:

Parts list, Safety and Instruction manual

Suspension Bail

Support handle (D-handle models)

### Accessories:

Impact Wrench Accessories, see page 58

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.

\* Maximum working torque determined by 5 second rundown on appropriate Skidmore-Wilhelm Torque-Tension Tester



**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



DRILLS

## IMPACT DRIVERS

### Performance:

Torque: 9 ft lb (12 Nm) - 165 ft lb (224 Nm)  
 Drive Size: 1/4" (6 mm) hex - 7/16" (11 mm) hex  
 Bolt Capacity: 5/16" (8 mm) - 5/8" (16 mm)

ASSEMBLY

### Features:

Inline & Pistol Grip  
 Suspension Bail  
 Front Rubber Boot (Inline Models)  
 Steel Anvil Housing (Pistol Grip Models)  
 Quick Change Bit Retainer

ABRASIVE

FINISHING

PERCUSSIVE

SPECIALTY

ACCESSORIES



Model Number	Hex Drive Size		Bolt Cap. Grade 5		Working Torque Range*		Max. Torque		Blows per Minute	Free Speed rpm	Weight		Length		Side To Center		Avg. Air Consumption	
	in.	mm	in.	mm	ft lb	Nm	ft lb	Nm			lb	kg	in.	mm	in.	mm	scfm	l/s
<b>Inline - Lever Start</b>																		
4092 <sup>1,2</sup>	1/4	6	5/16	8	9-35	12-48	40	54	1600	10,000	2.5	1.1	7.0	178	0.8	20	3	1
4096 <sup>1,2</sup>	7/16	11	3/8	10	14-55	19-75	60	81	1600	10,000	3.1	1.4	7.0	178	0.8	20	3	1
<b>Pistol Grip - Trigger Start</b>																		
4070	1/4	6	5/16	8	9-35	12-48	40	54	1600	10,000	3.0	1.4	6.1	155	0.8	20	3	1
▶ IW38TAP-2Q	1/4	6	1/2	13	10-90	13-122	120	160	1700	10,000	2.2	1.0	6.1	155	1.8	46	6	2
IW38HAP-7Q	7/16	11	3/8	10	60-200	80-270	250	340	1380	10,000	3.3	1.5	6.7	170	1.1	28	2	1
4071	7/16	11	3/8	10	14-55	19-75	60	81	1600	10,000	3.1	1.4	6.1	155	0.8	20	3	1
▶ 4034E	7/16	11	5/8	16	41-165	56-224	180	245	1470	6000	6.4	2.9	7.5	191	1.3	33	4	2

### General:

Air Inlet Size: 1/4" NPT  
 Performance rated @ 90 psig (6.2 bar) air pressure  
 Tools available with BSPT air inlet upon request  
 Recommended Hose Size: 3/8" (10 mm)

### Standard Equipment:

Parts list, Safety and Instruction manual  
 Suspension Bail

### Accessories:

Impact Driver Accessories, see page 58

▶ The quick ship icon indicates our most popular models, selected for their "off-the-shelf" availability from a Sioux Authorized Distributor or distribution warehouse. See page 9 for more information on Quick Ship.

All drives are quick change  
<sup>1</sup> Not CE Certified  
<sup>2</sup> Swivel Air Inlet

\* Maximum working torque determined by 5 second rundown on appropriate Skidmore-Wilhelm Torque-Tension Tester



**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



## ELECTRIC IMPACT WRENCH

**Performance:**

Voltage: 120 volts

**Features:**

Reversible

Double Insulated



8536



Model Number	Hex Drive Size		Bolt Cap. Grade 5		Working Torque Range*		Max. Torque		Blows per Minute	Free Speed rpm	Weight		Length		Side To Center		Voltage
	in.	mm	in.	mm	ft lb	Nm	ft lb	Nm			lb	kg	in.	mm	in.	mm	
8536	7/16	44	5/8	16	265	360	290	375	1600	2000	7.6	3.5	11-1/2	295	1-1/2	40	120 VAC

**Electrical Impact**

**General:**  
 Rated voltage: 120V  
 Rated current: 3.5 amps  
**Standard Equipment:**  
 Parts list, Safety and Instruction manual

**Accessories:**  
 Impact Wrench Accessories, see page 58

\* Maximum working torque determined by 5 second rundown on appropriate Skidmore-Wilhelm Torque-Tension Tester

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**DRILLS**

**DIGITAL TORQUE ANALYZERS**

**Performance:**

Accuracy: +/- 1% Indicated value  
 Range: 5 in lb (.5 Nm) - 250 ft lb (340 Nm)  
 Voltage: 120 Volts

**Features:**

5 Filter Frequencies  
 6 Button Keypad  
 Track, Peak, and Initial Peak modes



**TAB250FA**

**ASSEMBLY**

**ABRASIVE**



**Range And Drive Sizes**

Model Number	Range		Drive Size	Charger (Included)
	lbs	Nm		
TAB50IA	5 - 50 in-lbs	.5 - 5.6	1/4" Male Hex	120 Volt
TAB300IA	30 - 300 in-lbs	3.4 - 34	3/8" Female Square	120 Volt
TAB150FA	15 - 150 ft-lbs	20 - 205	1/2" Female Square	120 Volt
TAB250FA	25 - 250 ft-lbs	34 - 340	3/4" Female Square	120 Volt
TAB50IA-CE	5 - 50 in-lbs	.5 - 5.6	1/4" Male Hex	240 Volt
TAB300IA-CE	30 - 300 in-lbs	3.4 - 34	3/8" Female Square	240 Volt
TAB150FA-CE	15 - 150 ft-lbs	20 - 205	1/2" Female Square	240 Volt
TAB250FA-CE	25 - 250 ft-lbs	34 - 340	3/4" Female Square	240 Volt

**FINISHING**

**Specifications**

General Characteristic	Specification
Accuracy	+/- 1% Indicated Value
Accuracy Range	10% - 100% Peak Torque (Capacity)
Accuracy Direction	Bi-directional, Clockwise and Counter-Clockwise
Modes	Track, Peak, Initial Peak
Display	1/2" high, 16-character LCD
Controls	Six (6) button keypad: Zero, Clear/Print, Auto, Units, Peak Select, Filter
Filter	Five (5) user-selectable cutoff frequencies in Peak mode
Filter Frequencies	Filter 0: 118.75 Hz Filter 1: 237.5 Hz (ISO 5393) Filter 2: 633.33 Hz (Recommended for testing Sioux/Fuji brand Pulse Tools) Filter 3: 1266.67 Hz Filter 4: 1900 Hz
Communication	RS-232C serial port, 9-Pin Baud Rate: 4800 Stop Bits: 1 Parity: None
Units of Measure	in-lb, ft-lb, Nm, kg-cm
Charger	Trickle charger, standard
Batteries	Four (4) each NiCd, 1000mA (max.) 1.5 VDC
Battery Life	Five (5) hours (Approximate)
Full Charge Time	Twenty (20) hours with supplied trickle charger (Approximate)

**SPECIALTY**

**ACCESSORIES**

**Standard Equipment:**

Parts list, Safety and Instruction manual  
 Batteries and Battery Charger

**Accessories:**

Analyzer Accessories, see page 56



**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

**TORQUE CONTROL SYSTEMS**



TC50A



TC-4A

**Torque Control System**

Model Number	Tool Supply Hose Size	Height		Width		Depth		Weight		Power Req.
		in.	mm	in.	mm	in.	mm	lb	kg	
TC50A	3/8 - 1/2	12	305	8	203	6	152	10	4.0	100V-240V
TC-4A	1/4, 3/8, 1, 2	12	305	11	280	18	460	36	16.4	110V
TC-6A	1/2, 3, 4	12	305	11	280	18	460	36	16.4	110V

**Standard Equipment TC-4A, TC-6A:**

- 1/2 or 3/4 inch NPT piping
- Programmable FFC-3 processor
- Internal pressure regulator valve
- Electronic sensor valve
- Normally-open solenoid valve
- Built-in Red/Green warning signal
- Built-in External exhaust muffler
- Heavy-duty enclosure w/lockable, access door
- External channel selector switch
- External, lockable on/off switch
- 10 ft grounded power cord

**Accessories:**

Controller Accessories, see page 56

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**SAFETY** Precaution: Read and follow all safety and operating instructions.  
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**DRILLS**

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**ACCESSORIES**

**Torque Control System Accessories**



3401

Portable remote channel selector control, complete with heavy-duty 10 ft cable for multi-torque selection at workstations.

**Torque Control System Accessories**



Portable remote signal tower complete with 10 ft cable, red/green signal tower and audible warning buzzer for use in workstations away from the controller.

**Analyzer Options/Accessories**

Part No.	Description
3201	120V Charger
3202	240V Charger
3203	Sioux Torque Analyzer Software
3204	Serial Printer (120V)
3206	Serial Printer (240V)
3210	Cable, Sioux DTA to Computer
3211	Cable, Sioux DTA to Serial Printer
3212	Cable, RS232 to USB Converter (Connects DTA to USB Port on PC)
3219	Adapter, 3/4" Female Sq. to 1/2" Female Sq.
3220	Adapter, 1/2" Female Sq. to 3/8" Female Sq.
3221H	Joint Simulator, 25 in-lb capacity
3221	Joint Simulator, 50 in-lb capacity
3222H	Joint Simulator, 150 in-lb capacity
3222	Joint Simulator, 300 in-lb capacity
3223H	Joint Simulator, 80 ft-lb capacity
3223	Joint Simulator, 150 ft-lb capacity
3224	Joint Simulator, 250 ft-lb capacity
3230	Replacement Batteries (4-Pack)



3201 / 3202



3204 / 3206



3210



3211



3219 / 3220



**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



**Standard Extensions**



PX3-4 (3/8" x 3/8" Square Drive, 4" Length)



PX4-4 (1/2" x 1/2" Square Drive, 4" Length)



PX3-12 (3/8" x 3/8" Square Drive, 12" Length)



PX4-12 (1/2" x 1/2" Square Drive, 12" Length)

*Patent Issued*

Part No.	Length		Weight	
	in.	mm	oz.	kg
<b>3/8" Drive</b>				
PX3-4	4	102	3.6	.10
PX3-6	6	152	5.4	.15
PX3-8	8	203	7.1	.20
PX3-10	10	254	8.9	.25
PX3-12	12	305	10.7	.30
<b>1/2" Drive</b>				
PX4-4	4	102	5.6	.16
PX4-6	6	152	8.4	.24
PX4-8	8	203	11.1	.31
PX4-10	10	254	13.9	.39
PX4-12	12	305	16.7	.47

**Ultralite extensions**



PXL3-6 (3/8" x 3/8" Square Drive, 6" Length)



PXL3-8 (3/8" x 3/8" Square Drive, 8" Length)



PXL3-12 (3/8" x 3/8" Square Drive, 12" Length)

*Patent Pending*

Part No.	Length		Weight	
	in.	mm	oz.	kg
<b>3/8" Drive</b>				
PXL3-6	6	152	4.2	.12
PXL3-8	8	203	5.2	.15
PXL3-10	10	254	6.1	.17
PXL3-12	12	305	7.1	.20
<b>1/2" Drive</b>				
PXL4-6	6	152	6.1	.17
PXL4-8	8	203	7.4	.21
PXL4-10	10	254	8.7	.25
PXL4-12	12	305	9.9	.28

**Remote Exhaust Kits**



3301

Part Number	For Use On
3301	1 series pistol grip
3302	1 series inline
3303	Z-handle series

**Pulse Tool Covers**



Part Number	For Use On
3280	FPW-330, 440, 550, 660



SAFETY Precaution: Read and follow all safety and operating instructions.  
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**DRILLS**

**Impact Wrench Right Angle Head Adapters**



2330

Part Number	Square Drive		Used On
	Input	Output	
2330	3/8"	3/8"	4073, 4090, 4093
2331	1/2"	1/2"	4074, 4091, 4093
2332	1/2"	1/2"	4034

**ASSEMBLY**

**Quick Change Chuck**

Adapts male square drive to female hex quick change



2520

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

**ABRASIVE**

**Impact Sockets**



Size Across Flats	Standard (6-Point)						Magnetic (6-Point)	
	1/4"	3/8"	1/2"	5/8"	3/4"	1"	1/4"	3/8"
1/4"	2608	2608M						
5/16"	2610	2610M	3610	3610M				
3/8"	2612		3612	3612M	4612			
7/16"			3614		4614			
1/2"			3616		4616			
9/16"			3618		4818	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

**FINISHING**

**PERCUSSIVE**

**SPECIALTY**

**ACCESSORIES**

**Insert Bit Adapters**

Square Drive to 5/16" Female Hex

Part Number	Drive Size
2534	3/8"
2585	1/2"



2534

**Socket Retaining Pins with "O" Rings**



34911 & 14318

Retaining Pin	"O" Ring	For Use On
34911	14318	3/4" Dr. Sockets 6620-6638
34911	14319	Adaptors 2564, 2565, 2566
34664	14317	3/4" Dr. Sockets 6640-6654
34665	14319	Adaptor 2568, All 1" Dr. Sockets

**Square Drive Adapters**



2558

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

**Universal Joint**

Part No. 2751

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



**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



**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

**Slotted Head Bits With Finders**

7/16" Hex Drive



Part Number	Bit Only	Length		Screw Sizes
		in.	mm	
2506	2507	3-7/8	98	10, 12
2508	2509	3-7/8	98	12, 14
2510	2511	4-1/8	105	14, 16
2512	2513	4-1/8	105	16, 20
2514	2515	4-1/8	105	20, 22

**Magnetic Bit Holder**

Part No. 2525

Accepts 1/4" Hex Insert Bits

Bushing Part No. 2497 used with 2525



**Bit Holder**

Part No. 2526

Accepts 1/4" Hex Insert Bits



**Phillips Head Insert Bits**



Part Number	Bit Size	Length		Point Size
	in.	in.	mm	
2547	1/4	1	25	1
2548	1/4	1	25	2
2549	1/4	1	25	3
2587	5/16	1-1/4	32	2
2588	5/16	1-1/4	32	3
2589	5/16	1-1/4	32	4

**Socket Head Insert Bits**



Part Number	Length		Hex 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 Insert Bits**



Part Number	Bit Size	Length		Point Size
	in.	in.	mm	
2577	1/4	1-1/2	38	4F - 5R
2580	1/4	1-1/2	38	6F - 8R
2581	1/4	1-1/2	38	8F - 10R
2582	1/4	1-1/2	38	10F - 12R
2594	5/16	1-1/2	38	8 - 10
2595	5/16	1-1/2	38	10 - 12
2596	5/16	1-1/2	38	12 - 14
2597	5/16	1-1/2	38	14 - 16

DRILLS

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**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



DRILLS

## 1/4" Phillips Head Screwdriver Bits



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

## 7/16" Phillips Head Screwdriver Bits



Part Number	Length		Point Size	
	in.	mm		
2522	3-1/2	89	1/4	6 2
2523	3-1/2	89	5/16	8 3
2524	3-1/2	89	3/8	10 4

ASSEMBLY

## 1/4" Slotted Head Screwdriver Bits



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

## 7/16" Slotted Head Screwdriver Bits



Part Number	Length		Point Size
	in.	mm	
2509	3-7/8	98	12, 14
2511	4-1/8	105	14, 16
2513	4-1/8	105	16, 20

ABRASIVE

## 1/4" Socket Head Screwdriver Bits



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

## 7/16" Socket Head Screwdriver Bits



Part Number	Length		Point Size
	in.	mm	
2500	3-1/2	89	3/16"
2501	3-1/2	89	7/32"
2502	3-1/2	89	1/4"
2503	3-1/2	89	5/16"
2504	3-1/2	89	3/8"
2505	3-1/2	89	1/2"

FINISHING

PERCUSSIVE

## 1/4" Torx Screwdriver Bits



Part Number	Torx Number	Length	
		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

## 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"



SPECIALTY

ACCESSORIES

## 1/4" Robertson Bit Screwdriver Bits



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

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

