

SP AIR CORPORATION

PNEUMATIC TOOLS FOR PROFESSIONAL

2016~2017 CATALOG

MADE IN JAPAN

SP AIR®

Quality proven in a worldwide market.

⚠WARNING

This must be read and understood by operating personal and safety manager.
Protection to operating personal, as well as adjacent areas, shall be maintained and inspected tools in accordance with any applicable safety codes and regulations at all the times.
Stop using tools when tool produces unusual sound, repair immediately.



CERTIFICATION EUROPE™

This is to certify that the

Quality Management System

Of

S P AIR CORPORATION
Tokyo office

At

6-36-9 Akabanenishi, Kita-ku, Tokyo-to 115-0055 Japan

Has been assessed by Certification Europe and deemed to comply with the requirements of

ISO 9001:2008

This certificate is valid for the activities specified below:

Design, development, and manufacturing of pneumatic tool.

Certification of Registration remains the property of Certification Europe Ltd.
The validity of this Certificate is maintained on the condition that the Management System is assessed through an on-going surveillance programme and continues to adequately meet the requirements of the standard.
To verify this certificate validity please contact us at info@certificationeurope.com

Date of initial certification: 27th February 2009 — This certificate is valid until: 26th February 2018

Chief Executive: Michael Brophy — Chairman: Padraic A. White

Signature: — Signature:

Client Registration No.: 2013/1774
Certificate Reference No.: 8/13

Date of certificate issue: 25th February 2013

Certification Europe Ltd
Block 20A Beckett Way, Park West Business Park,
Dublin 12, Ireland.
info@certificationeurope.com

ISO9001

ISO 9001 CERTIFICATION EUROPE™

ISO 9001:2008
2013 / 1774

A complete range of high quality automotive, industrial and general service pneumatic tools manufactured in Japan for professionals.

Specifications subject to change without notice.
Performance figures are at 90 psi pressure with 3/8"ID 2m long air hose.

IMPACT WRENCH:
Torque figures developed on Skidmore-Wilhelm torque-tension tester at 90psi air pressure.
Working torque figures are after 5 seconds of impacting.
Maximum torque figures are after 15 seconds impacting.

CE

SP AIR tools satisfy the requirements of EC Machine Directive (2006/42/EC).

- *Measurements according to ISO-2787.*
- *Noise levels according to ISO-15744.*
- *Vibration levels according to ISO-8662.*

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LIMITED WARRANTY

We guarantee all of our products against defective workmanship and faulty materials for 6 months from the date of purchase.
We undertake, in accordance with our own option, to replace or repair free of charge each product or part thereof on condition that the machine or parts in question is:
returned to us or one of our authorized distributors, freight pre-paid.
found, on examination, to be suffering from a material or constructional defect.
This warranty does not cover damage to any unit caused by accident, misuse, claims arising from loss, fire or other calamities caused by nature, or in any way being tampered with.
The warranty does not cover damage resulting from:
1) Installation to wrong air pressure.
2) Any alteration or modification to the to tool and or its serial number.
3) Any unauthorized repair carried out.
4) Any damage caused by the life.

Authorized Distributor : SP AIR CORPORATION *Tokyo, Japan*

1/2"SQ.DR. COMPOSITE IMPACT WRENCHES

SP-7144 (1/2")



Air Regulator
4 torque setting and full power reverse.



Twin Dog Clutch



LED Light
(OPTION)

SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.



One Hand Reverse Button

Sq.Drive	: 1/2"
Bolt Capacity	: 5/8"
Max. Torque	: (F)750 ft-lbs. (R)800 ft-lbs.
Free Speed	: (F)5,700 rpm (R)6,500 rpm
Overall Length	: 6-1/16"
Net Weight	: 4 lbs.
Vibration Level	: 5.5 m/s²
Vibration Level a	: 7.4 m/s²
Sound Level	: 93.1 dB

SP-7145 (1/2")



Air Regulator
4 torque setting and full power reverse.



Pin Type Clutch



SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.



One Hand Reverse Button

Sq.Drive	: 1/2"
Bolt Capacity	: 5/8"
Max. Torque	: (F)750 ft-lbs. (R)800 ft-lbs.
Free Speed	: (F)5,700 rpm (R)6,200 rpm
Overall Length	: 6-1/2"
Net Weight	: 4.2 lbs.
Vibration Level	: 6.0 m/s²
Vibration Level a	: 5.1 m/s²
Sound Level	: 91.5 dB

3/8"SQ.DR. IMPACT WRENCH & IMPACT DRIVER

SP-1850 (3/8")

3/8"SQ.DR.IMPACT WRENCH

SP-1850H (1/4"HEX.)

1/4"HEX.IMPACT DRIVER



Baby Butterfly

PAT.P

Butterfly throttle for single-handed control of speed and forward or reverse

Double Hammer Clutch



Sq.Drive	: 3/8"
Bolt Capacity	: 3/8"
Max. Torque	: 72 ft-lbs.
Free Speed	: 10,000 rpm
Overall Length	: 5-3/8"
Net Weight	: 1 lbs.
Vibration Level	: 6.2 m/s²
Vibration Level a	: 11.8 m/s²
Sound Level	: 87.4 dB

SP-7825 (3/8")

Lightweight Composite Body

SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.

Double Hammer Clutch





Air Regulator

One Hand Reverse Button



Sq.Drive	: 3/8"
Bolt Capacity	: 3/8"
Max. Torque	: 94 ft-lbs.
Free Speed	: 17,000 rpm
Overall Length	: 4-5/16"
Net Weight	: 1.5 lbs.
Vibration Level	: 4.0 m/s²
Vibration Level a	: 12.9 m/s²
Sound Level	: 84.2 dB

1/2"SQ.DR. IMPACT WRENCHES

SP-7146EX (1/2") mini

SP-7146EXS (3/8")



Twin Dog Clutch



SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.



One Hand Reverse Button

Sq.Drive	: 1/2"
Bolt Capacity	: 5/8"
Max. Torque	: 440 ft-lbs.
Free Speed	: 10,000 rpm
Overall Length	: 5-1/4"
Net Weight	: 2.1 lbs.
Vibration Level	: 5.5 m/s²
Vibration Level a	: 7.7 m/s²
Sound Level	: 93.1 dB

SP-1144EX (1/2")



Twin Dog Clutch



Sq.Drive	: 1/2"
Bolt Capacity	: 5/8"
Max. Torque	: 460 ft-lbs.
Free Speed	: 9,300 rpm
Overall Length	: 6-1/2"
Net Weight	: 3.7 lbs.
Vibration Level	: 7.1 m/s²
Vibration Level a	: 7.0 m/s²
Sound Level	: 91.0 dB

SP-1140EX (1/2")



Twin Dog Clutch



Sq.Drive	: 1/2"
Bolt Capacity	: 5/8"
Max. Torque	: 800 ft-lbs.
Free Speed	: 6,000 rpm
Overall Length	: 7-1/4"
Net Weight	: 5.7 lbs.
Vibration Level	: 3.4 m/s²
Vibration Level a	: 4.9 m/s²
Sound Level	: 88.8 dB

SP-1148TR-X (1/2")



Pin Type Clutch

Sq.Drive	: 1/2"
Bolt Capacity	: 5/8"
Max. Torque	: 650 ft-lbs.
Free Speed	: 6,300 rpm
Overall Length	: 7-3/4"
Net Weight	: 6.0 lbs.
Vibration Level	: 3.2 m/s²
Vibration Level a	: 3.8 m/s²
Sound Level	: 91.0 dB

1/2"SQ.DR. IMPACT WRENCHES

SP-7140 (1/2")

US PAT.No.
D 434,958 / D 436,818





Twin Dog Clutch



Sq.Drive	: 1/2"
Bolt Capacity	: 5/8"
Max. Torque	: (F)680 ft-lbs. (R)750 ft-lbs.
Free Speed	: 6,000 rpm
Overall Length	7-5/16"
Net Weight	: 4.6 lbs.
Vibration Level	: 3.2 m/s²
Vibration Level a	: 6.9 m/s²
Sound Level	: 86 dB

SP-7141 (1/2")

US PAT.No.
D 434,958 / D 436,818



Sq.Drive	: 1/2"
Bolt Capacity	: 5/8"
Max. Torque	: (F)680 ft-lbs. (R)750 ft-lbs.
Free Speed	: 6,000 rpm
Overall Length	7-3/4"
Net Weight	: 4.9 lbs.
Vibration Level	: 3.0 m/s²
Vibration Level a	: 7.3 m/s²
Sound Level	: 85.4 dB

Pin Type Clutch



3/8" & 1/2"SQ.DR. IMPACT WRENCHES

SP-7143DX (1/2")

US PAT.No.
D 434,958 / D 436,818

mini Lightweight 3lbs.





Dyna Jaw Clutch

PAT.No. 5,199,505



Sq.Drive	: 1/2"
Bolt Capacity	: 5/8"
Max. Torque	: (F)397 ft-lbs. (R)425 ft-lbs.
Free Speed	: 7,500 rpm
Overall Length	6-3/4"
Net Weight	: 3.0 lbs.
Vibration Level	: 3.3 m/s²
Vibration Level a	: 4.8 m/s²
Sound Level	: 86 dB

SP-7142DX (1/2")
SP-7142DXS (3/8")

US PAT.No.
D 434,958 / D 436,818

mini Lightweight 3lbs.



Sq.Drive	: 3/8"
Bolt Capacity	: 1/2"
Max. Torque	: (F)397 ft-lbs. (R)425 ft-lbs.
Free Speed	: 7,500 rpm
Overall Length	6-3/4"
Net Weight	: 3.0 lbs.
Vibration Level	: 4.7 m/s²
Vibration Level a	: 6.0 m/s²
Sound Level	: 86 dB

Twin Dog Clutch



3/4"SQ.DR. IMPACT WRENCHES

SP-7150 (3/4")



Sq.Drive : 3/4"
Bolt Capacity : 1"
Max. Torque : 1,100 ft-lbs.
Free Speed : 4,300 rpm
Overall Length : 9-5/16"
Net Weight : 7.9 lbs.
Vibration Level : 9.0 m/s²
Vibration Level a : 15.6 m/s²
Sound Level : 94.9 dB

SP-7151 (3/4")



Sq.Drive : 3/4"
Bolt Capacity : 1"
Max. Torque : 1,100 ft-lbs.
Free Speed : 4,300 rpm
Overall Length : 10-9/16"
Net Weight : 9.4 lbs.
Vibration Level : 5.5 m/s²
Vibration Level a : 8.0 m/s²
Sound Level : 94.9 dB

Twin Dog Clutch



SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.

4 TORQUE SETTING AND FULL POWER REVERSE.



SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.

Pin Type Clutch



SP-1158 (3/4")



Single Dog Clutch



Sq.Drive : 3/4"
Bolt Capacity : 1"
Max. Torque : 1,200 ft-lbs.
Free Speed : 5,500 rpm
Overall Length : 8-5/8"
Net Weight : 12 lbs.
Vibration Level : 5.6 m/s²
Vibration Level a : 12.3 m/s²
Sound Level : 93.5 dB

SP-1158L (3/4")



Single Dog Clutch



Sq.Drive : 3/4"
Bolt Capacity : 1"
Max. Torque : 1,150 ft-lbs.
Free Speed : 5,500 rpm
Overall Length : 14-3/4"
Net Weight : 14.3 lbs.
Vibration Level : 10.0 m/s²
Vibration Level a : 12.2 m/s²
Sound Level : 90 dB

SP-1158EX (3/4")



Twin Dog Clutch



Sq.Drive : 3/4"
Bolt Capacity : 1"
Max. Torque : 1,200 ft-lbs.
Free Speed : 5,500 rpm
Overall Length : 8-5/8"
Net Weight : 12 lbs.
Vibration Level : 15.0 m/s²
Vibration Level a : 8.7 m/s²
Sound Level : 92.8 dB

SP-1158EXL (3/4")



Twin Dog Clutch



Sq.Drive : 3/4"
Bolt Capacity : 1"
Max. Torque : 1,150 ft-lbs.
Free Speed : 5,500 rpm
Overall Length : 14-3/4"
Net Weight : 14.3 lbs.
Vibration Level : 15.1 m/s²
Vibration Level a : 9.9 m/s²
Sound Level : 92.8 dB

1"SQ.DR. IMPACT WRENCHES

SP-7191S (1")

SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.



Pin Type Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,200 ft-lbs.
Free Speed	: 4,300 rpm
Overall Length	: 10-1/2"
Net Weight	: 9.3 lbs.
Vibration Level	: 5.5 m/s²
Vibration Level a	: 8.6 m/s²
Sound Level	: 94.6 dB

4 TORQUE SETTING AND FULL POWER REVERSE.



SP-7191 (1")

SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.



Pin Type Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,200 ft-lbs.
Free Speed	: 4,300 rpm
Overall Length	: 12-1/2"
Net Weight	: 10.3 lbs.
Vibration Level	: 5.5 m/s²
Vibration Level a	: 7.2 m/s²
Sound Level	: 90.4 dB

SP-1191DH (1")



Single Dog Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,200 ft-lbs.
Free Speed	: 5,500 rpm
Overall Length	: 8-5/8"
Net Weight	: 13.7 lbs.
Vibration Level	: 5.6 m/s²
Vibration Level a	: 14.4 m/s²
Sound Level	: 92.5 dB

SP-1191LDH (1")



Single Dog Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,150 ft-lbs.
Free Speed	: 5,500 rpm
Overall Length	: 14-3/4"
Net Weight	: 14.3 lbs.
Vibration Level	: 5.6 m/s²
Vibration Level a	: 13.2 m/s²
Sound Level	: 92.5 dB

SP-1191EXDH (1")



Twin Dog Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,200 ft-lbs.
Free Speed	: 5,500 rpm
Overall Length	: 8-5/8"
Net Weight	: 13.7 lbs.
Vibration Level	: 5.6 m/s²
Vibration Level a	: 12.3 m/s²
Sound Level	: 92.5 dB

SP-1191EXLDH (1")



Twin Dog Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,150 ft-lbs.
Free Speed	: 5,500 rpm
Overall Length	: 14-3/4"
Net Weight	: 14.3 lbs.
Vibration Level	: 5.6 m/s²
Vibration Level a	: 8.6 m/s²
Sound Level	: 92.5 dB

1"SQ.DR. IMPACT WRENCHES

SP-1190EXPA-2 (1")

Twin Dog Clutch





Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,500 ft-lbs.
Free Speed	: 4,000 rpm
Overall Length	: 9-7/8"
Net Weight	: 18.9 lbs.
Vibration Level	: 6.3 m/s²
Vibration Level a	: 12.7 m/s²
Sound Level	: 92 dB

SP-1190EXPA-6 (1")

Twin Dog Clutch





Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,500 ft-lbs.
Free Speed	: 4,000 rpm
Overall Length	: 15-3/4"
Net Weight	: 21.2 lbs.
Vibration Level	: 7.3 m/s²
Vibration Level a	: 14.6 m/s²
Sound Level	: 92 dB

SP-1193GEP-2 (1")

Pinless Hammer





Sq.Drive	: 1"
Bolt Capacity	: 1-5/8"
Max. Torque	: 2,300 ft-lbs.
Free Speed	: 4,000 rpm
Overall Length	: 11"
Net Weight	: 23 lbs.
Vibration Level	: 5.4 m/s²
Vibration Level a	: 10.4 m/s²
Sound Level	: 100 dB

SP-1193GEP-6 (1")

Pinless Hammer





Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,500 ft-lbs.
Free Speed	: 4,000 rpm
Overall Length	: 15-1/4"
Net Weight	: 25.4 lbs.
Vibration Level	: 5.4 m/s²
Vibration Level a	: 10.4 m/s²
Sound Level	: 100 dB

SP-1190EXA-2 (1")



Twin Dog Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,500 ft-lbs.
Free Speed	: 4,000 rpm
Overall Length	: 13"
Net Weight	: 19.2 lbs.
Vibration Level	: 9.1 m/s²
Vibration Level a	: 18.5 m/s²
Sound Level	: 93 dB

SP-1190EXA-6 (1")
SP-1190EXA-8 (1")



Twin Dog Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,500 ft-lbs.
Free Speed	: 4,000 rpm
Overall Length	: 18-7/8"
Net Weight	: 21.6 lbs.
Vibration Level	: 5.8 m/s²
Vibration Level a	: 12.3 m/s²
Sound Level	: 93 dB

SP-1193GE-6 (1")



Pinless Hammer



Sq.Drive	: 1"
Bolt Capacity	: 1-5/8"
Max. Torque	: 2,300 ft-lbs.
Free Speed	: 4,000 rpm
Overall Length	: 24"
Net Weight	: 28.7 lbs.
Vibration Level	: 11.2 m/s²
Vibration Level a	: 9.7 m/s²
Sound Level	: 98 dB

SP-5000GE (1")



Pinless Hammer



Sq.Drive	: 1"
Bolt Capacity	: 2"
Max. Torque	: 2,500 ft-lbs.
Free Speed	: 3,000 rpm
Overall Length	: 25"
Net Weight	: 39.5 lbs.
Vibration Level	: 5.0 m/s²
Vibration Level a	: 11.9 m/s²
Sound Level	: 96 dB

1"SQ.DR. IMPACT WRENCHES

SP-1192EX-2 (1")



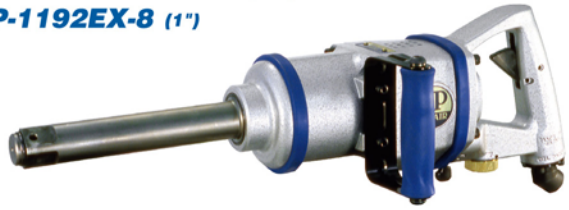
Twin Dog Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/2"
Max. Torque	: 1,650 ft-lbs.
Free Speed	: 4,100 rpm
Overall Length	: 14-3/16"
Net Weight	: 14.1 lbs.
Vibration Level	: 6.3 m/s²
Vibration Level a	: 20.8 m/s²
Sound Level	: 96.5 dB

SP-1192EX-6 (1")

SP-1192EX-8 (1")



Twin Dog Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/2"
Max. Torque	: 1,650 ft-lbs.
Free Speed	: 4,100 rpm
Overall Length	: 20-1/8"
Net Weight	: 15.7 lbs.
Vibration Level	: 6.8 m/s²
Vibration Level a	: 21.6 m/s²
Sound Level	: 96.5 dB

SP-1186GE-2 (1")



Pinless Hammer



Sq.Drive	: 1"
Bolt Capacity	: 1-1/2"
Max. Torque	: 2,200 ft-lbs.
Free Speed	: 3,200 rpm
Overall Length	: 15-3/4"
Net Weight	: 32.4 lbs.
Vibration Level	: 12.5 m/s²
Vibration Level a	: 12.8 m/s²
Sound Level	: 95 dB

SP-1186GE-8 (1")



Pinless Hammer



Sq.Drive	: 1"
Bolt Capacity	: 1-1/2"
Max. Torque	: 2,100 ft-lbs.
Free Speed	: 3,200 rpm
Overall Length	: 23-5/8"
Net Weight	: 36.2 lbs.
Vibration Level	: 14.0 m/s²
Vibration Level a	: 8.0 m/s²
Sound Level	: 95 dB

SP-1194-2 (1")



Twin Dog Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,800 ft-lbs.
Free Speed	: 5,500 rpm
Overall Length	: 14"
Net Weight	: 15 lbs.
Vibration Level	: 8.5 m/s²
Sound Level	: 104 dB

SP-1194-6 (1")

SP-1194-8 (1")



Twin Dog Clutch



Sq.Drive	: 1"
Bolt Capacity	: 1-1/4"
Max. Torque	: 1,800 ft-lbs.
Free Speed	: 5,500 rpm
Overall Length	: 20"
Net Weight	: 16 lbs.
Vibration Level	: 12.6 m/s²
Sound Level	: 104 dB

1-1/2"SQ.DR. IMPACT WRENCH

SP-6500 (1-1/2")

Pin Type Clutch





Sq.Drive	: 1-1/2"
Bolt Capacity	: 2-3/16"
Max. Torque	: 3,000 ft-lbs.
Free Speed	: 3,600 rpm
Overall Length	: 21-3/4"
Net Weight	: 39.9 lbs.
Vibration Level	: 9.3 m/s²
Vibration Level a	: 8.9 m/s²
Sound Level	: 107 dB

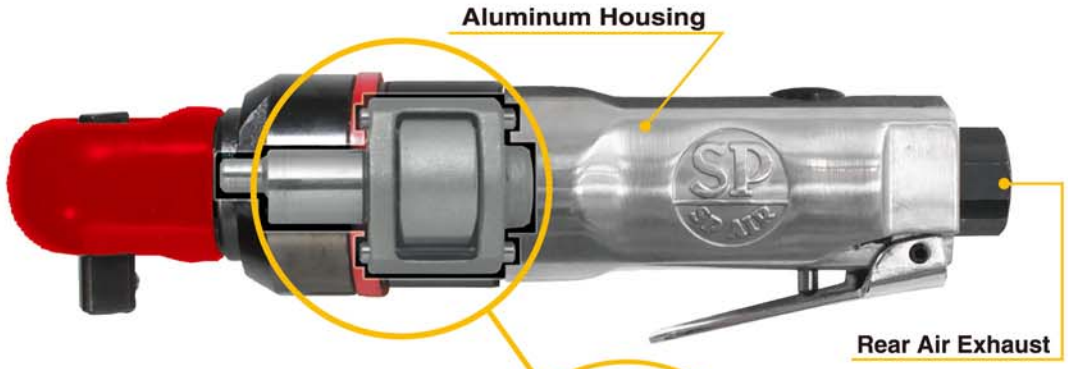
Reaction Free Ratchet Wrench

SP-1764 (1/4")
SP-1765 (3/8")

PATENTED mini

U.S.Patent No.8,261,849





SP-1764

Drive Size	:	1/4"
Bolt Capacity	:	5/16"
Maximum Torque	:	50 ft-lbs.
Free Speed	:	500 rpm
Overall Length	:	6-7/8"
Net Weight	:	1.4 lbs.
Vibration Level	:	2.4 m/s^2
Sound Level	:	83.6 dB

SP-1765

Drive Size	:	3/8"
Bolt Capacity	:	3/8"
Maximum Torque	:	55 ft-lbs.
Free Speed	:	500 rpm
Overall Length	:	6-7/8"
Net Weight	:	1.4 lbs.
Vibration Level	:	2.9 m/s^2
Sound Level	:	84.4 dB



Reaction Free Mechanism

SP-7720A (1/4")
SP-7722A (3/8")

PATENTED mini

U.S.Patent No.8,261,849





SP-7720A

Drive Size	:	1/4"
Bolt Capacity	:	5/16"
Maximum Torque	:	50 ft-lbs.
Free Speed	:	500 rpm
Overall Length	:	6-1/8"
Net Weight	:	1.3 lbs.
Vibration Level	:	2.4 m/s^2
Vibration Level a	:	8.4 m/s^2
Sound Level	:	83.6 dB

SP-7722A

Drive Size	:	3/8"
Bolt Capacity	:	3/8"
Maximum Torque	:	55 ft-lbs.
Free Speed	:	500 rpm
Overall Length	:	6-1/8"
Net Weight	:	1.3 lbs.
Vibration Level	:	2.4 m/s^2
Vibration Level a	:	11.0 m/s^2
Sound Level	:	83.6 dB

IMPACT RATCHET EXHIBITS FULL PERFORMANCE EVEN IN ANY RESTRICTED AREA.

① To tighten manually in a restricted area is difficult.



② It is frustrating trying to work in a restricted area without hurting your hand.



③ The shock from a normal air ratchet can painful.



④ This tool is as Powerful as a small Impact Wrench.



REACTION FREE RATCHET WRENCH

SP-7730 (3/8")

RATCHEPACT U.S.Patent No.8,261,849



Single Dog Clutch



Sq.Drive	: 3/8"
Bolt Capacity	: 3/8"
Max. Torque	: 100 ft-lbs.
Free Speed	: 450 rpm
Overall Length	: 11-5/8"
Net Weight	: 3.1 lbs.
Vibration Level	: 5.8 m/s²
Vibration Level a	: 21.0 m/s²
Sound Level	: 88.2 dB

SP-7731 (1/2")

RATCHEPACT U.S.Patent No.8,261,849



Single Dog Clutch



Sq.Drive	: 1/2"
Bolt Capacity	: 1/2"
Max. Torque	: 110 ft-lbs.
Free Speed	: 450 rpm
Overall Length	: 11-5/8"
Net Weight	: 3.1 lbs.
Vibration Level	: 5.8 m/s²
Vibration Level a	: 22.3 m/s²
Sound Level	: 88.2 dB

Reaction Free Mecanism









SP-1175B (3/8")

RATCHEPACT U.S.Patent No.4,821,611



Pin Type Clutch



Sq.Drive	: 3/8"
Bolt Capacity	: 1/2"
Max. Torque	: 90 ft-lbs.
Free Speed	: 280 rpm
Overall Length	: 11-1/2"
Net Weight	: 3.1 lbs.
Vibration Level	: 4.5 m/s²
Vibration Level a	: 10.6 m/s²
Sound Level	: 90 dB

SP-1176B (1/2")

RATCHEPACT U.S.Patent No.4,821,611



Pin Type Clutch



Sq.Drive	: 1/2"
Bolt Capacity	: 1/2"
Max. Torque	: 95 ft-lbs.
Free Speed	: 280 rpm
Overall Length	: 11-1/2"
Net Weight	: 3.1 lbs.
Vibration Level	: 4.5 m/s²
Vibration Level a	: 10.3 m/s²
Sound Level	: 91 dB

SEALED FLAT HEAD RATCHET WRENCH

SP-7260 (1/4") mini



Sq.Drive	:	1/4"
Bolt Capacity	:	5/16"
Max. Torque	:	25 ft-lbs.
Free Speed	:	290 rpm
Overall Length	:	8"
Net Weight	:	1.5 lbs.
Vibration Level	:	3.9 m/s²
Sound Level	:	87 dB

SP-7265 (3/8") mini
SP-7265W (3/8" Wobble Anvil))



Sq.Drive	:	3/8"
Bolt Capacity	:	3/8"
Max. Torque	:	25 ft-lbs.
Free Speed	:	290 rpm
Overall Length	:	8"
Net Weight	:	1.5 lbs.
Vibration Level	:	3.9 m/s²
Sound Level	:	87 dB

PATENTED
Sealed Flat Ratchet Mechanism

Sealed Flat Head For Long Life







SP-7786 (3/8")



Sq.Drive	:	3/8"
Bolt Capacity	:	3/8"
Max. Torque	:	80 ft-lbs.
Free Speed	:	200 rpm
Overall Length	:	12"
Net Weight	:	3.3 lbs.
Vibration Level	:	3.6 m/s²
Sound Level	:	84.5 dB

SP-7787 (1/2")



Sq.Drive	:	1/2"
Bolt Capacity	:	1/2"
Max. Torque	:	80 ft-lbs.
Free Speed	:	200 rpm
Overall Length	:	12"
Net Weight	:	3.3 lbs.
Vibration Level	:	3.6 m/s²
Sound Level	:	84.5 dB

1/4"&3/8"&1/2"SQ.DR. RATCHET WRENCHES

PATENT PENDING

ROTATIONAL HEAD



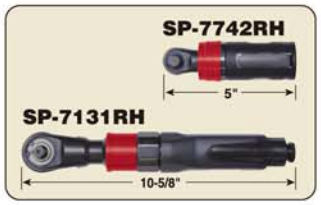
To adjust head push ring forward and turn.

SP-7740RH (1/4")

super mini



Sq.Drive	: 1/4"
Bolt Capacity	: 5/16"
Max. Torque	: 25 ft-lbs.
Free Speed	: 310 rpm
Overall Length	: 5"
Net Weight	: 1.1 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 4.7 m/s²
Sound Level	: 78.5 dB



SP-7742RH (3/8")

super mini



Sq.Drive	: 3/8"
Bolt Capacity	: 5/16"
Max. Torque	: 25 ft-lbs.
Free Speed	: 310 rpm
Overall Length	: 5"
Net Weight	: 1.1 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 6.5 m/s²
Sound Level	: 78.5 dB

SP-7770 (1/4")

mini



Sq.Drive	: 1/4"
Bolt Capacity	: 5/16"
Max. Torque	: 25 ft-lbs.
Free Speed	: 220 rpm
Overall Length	: 7-7/8"
Net Weight	: 1.3 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 4.7 m/s²
Sound Level	: 82 dB

SP-7772 (3/8")

mini



Sq.Drive	: 3/8"
Bolt Capacity	: 3/8"
Max. Torque	: 25 ft-lbs.
Free Speed	: 220 rpm
Overall Length	: 7-7/8"
Net Weight	: 1.3 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 4.9 m/s²
Sound Level	: 82 dB

SP-7130RH (3/8")



Sq.Drive	: 3/8"
Bolt Capacity	: 3/8"
Max. Torque	: 90 ft-lbs.
Free Speed	: 180 rpm
Overall Length	: 10-5/8"
Net Weight	: 2.9 lbs.
Vibration Level	: 3.3 m/s²
Vibration Level a	: 6.2 m/s²
Sound Level	: 84 dB

SP-7131RH (1/2")



Sq.Drive	: 1/2"
Bolt Capacity	: 3/8"
Max. Torque	: 90 ft-lbs.
Free Speed	: 180 rpm
Overall Length	: 10-5/8"
Net Weight	: 2.9 lbs.
Vibration Level	: 3.3 m/s²
Vibration Level a	: 5.9 m/s²
Sound Level	: 84 dB

1/4"&3/8"&1/2"SQ.DR. RATCHET WRENCHES

SP-1760A (1/4")

mini



Sq.Drive	: 1/4"
Bolt Capacity	: 5/16"
Max. Torque	: 25 ft-lbs.
Free Speed	: 310 rpm
Overall Length	: 6-5/8"
Net Weight	: 1.1 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 5.4 m/s²
Sound Level	: 84 dB

SP-1762 (3/8")

mini



Sq.Drive	: 3/8"
Bolt Capacity	: 3/8"
Max. Torque	: 25 ft-lbs.
Free Speed	: 310 rpm
Overall Length	: 6-5/8"
Net Weight	: 1.1 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 8.0 m/s²
Sound Level	: 83 dB

SP-7760 (1/4")

mini

US PAT.No.
D 408,243
6,158,528



Sq.Drive	: 1/4"
Bolt Capacity	: 5/16"
Max. Torque	: 25 ft-lbs.
Free Speed	: 220 rpm
Overall Length	: 7-7/8"
Net Weight	: 1.3 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 4.5 m/s²
Sound Level	: 82 dB

SP-7762 (3/8")

mini

US PAT.No.
D 408,243
6,158,528



Sq.Drive	: 3/8"
Bolt Capacity	: 3/8"
Max. Torque	: 25 ft-lbs.
Free Speed	: 220 rpm
Overall Length	: 7-7/8"
Net Weight	: 1.3 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 6.7 m/s²
Sound Level	: 82 dB

SP-1133 (3/8")



Sq.Drive	: 3/8"
Bolt Capacity	: 3/8"
Max. Torque	: 50 ft-lbs.
Free Speed	: 160 rpm
Overall Length	: 10"
Net Weight	: 2.6 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 5.4 m/s²
Sound Level	: 91 dB

SP-1133-2 (1/2")



Sq.Drive	: 1/2"
Bolt Capacity	: 3/8"
Max. Torque	: 55 ft-lbs.
Free Speed	: 160 rpm
Overall Length	: 10"
Net Weight	: 2.6 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 6.2 m/s²
Sound Level	: 91 dB

SP-7130 (3/8")



Sq.Drive	: 3/8"
Bolt Capacity	: 3/8"
Max. Torque	: 90 ft-lbs.
Free Speed	: 180 rpm
Overall Length	: 10-5/8"
Net Weight	: 2.9 lbs.
Vibration Level	: 3.3 m/s²
Vibration Level a	: 5.9 m/s²
Sound Level	: 84 dB

SP-7131 (1/2")



Sq.Drive	: 1/2"
Bolt Capacity	: 3/8"
Max. Torque	: 90 ft-lbs.
Free Speed	: 180 rpm
Overall Length	: 10-5/8"
Net Weight	: 2.9 lbs.
Vibration Level	: 3.3 m/s²
Vibration Level a	: 7.1 m/s²
Sound Level	: 84 dB

NEEDLE SCALERS & FLUX CHIPPERS

SP-1460 Needle Scaler



Piston Dia.	: 3/4"
Piston Stroke	: 1/2"
Needles to be used	: OD 3 X 7" (12pcs.)
Blows / min.	: 5,000 bpm
Ovarall Length	: 9"
Net Weight	: 2.8 lbs.

SP-1470 Needle Scaler



Piston Dia.	: 1"
Piston Stroke	: 7/8"
Needles to be used	: OD 3 X 7" (19pcs.)
Blows / min.	: 4,000 bpm
Ovarall Length	: 16"
Net Weight	: 5.7 lbs.

SP-1460FC Flux Chipper



Piston Dia.	: 3/4"
Piston Stroke	: 1/2"
Blows / min.	: 5,000 bpm
Ovarall Length	: 7"
Net Weight	: 2 lbs.

SP-1470FC Flux Chipper



Piston Dia.	: 1"
Piston Stroke	: 7/8"
Blows / min.	: 4,000 bpm
Ovarall Length	: 9"
Net Weight	: 3.7 lbs.

DIE GRINDERS & CUT-OFF TOOL

SP-7211



Collet Size	: 1/4"
Free Speed	: 18,000 rpm
Ovarall Length	: 6-7/8"
Net Weight	: 1.75 lbs.
Vibration Level	: 1.5 m/s²
Sound Level	: 87.8 dB

SP-7212



Collet Size	: 1/4"
Free Speed	: 18,000 rpm
Ovarall Length	: 6-7/8"
Net Weight	: 1.75 lbs.
Vibration Level	: 1.5 m/s²
Sound Level	: 87.8 dB

SP-7220



Collet Size	: 1/4"
Free Speed	: 20,000 rpm
Ovarall Length	: 6-7/8"
Net Weight	: 1.37 lbs.
Vibration Level	: 7.3 m/s²
Sound Level	: 90.1 dB

SP-7230 Cut-Off Tool



Disc Size	: 3"
Free Speed	: 20,000 rpm
Ovarall Length	: 6-3/4"
Net Weight	: 1.5 lbs.
Vibration Level	: 1.9 m/s²
Sound Level	: 90 dB

DIE GRINDERS

SP-7200
mini



US PAT. No.
D 408,243
6,158,528

Collet Size	: 1/4"
Free Speed	: 23,000 rpm
Ovarall Length	: 6"
Net Weight	: 0.9 lbs.
Vibration Level	: 2.0 m/s²
Vibration Level a	: 7.9 m/s²
Sound Level	: 87.8 dB

SP-7201
mini



US PAT. No.
D 408,243
6,158,528

Collet Size	: 1/4"
Free Speed	: 20,000 rpm
Ovarall Length	: 6-3/8"
Net Weight	: 1.2 lbs.
Vibration Level	: 2.8 m/s²
Vibration Level a	: 5.9 m/s²
Sound Level	: 82.4 dB

SP-7202
mini



US PAT. No.
D 361,028
D 408,243
6,158,528

Collet Size	: 1/4"
Free Speed	: 20,000 rpm
Ovarall Length	: 7-5/8"
Net Weight	: 1.2 lbs.
Vibration Level	: 2.8 m/s²
Vibration Level a	: 9.1 m/s²
Sound Level	: 83 dB

SP-7240H
super mini



Collet Size	: 1/4"
Free Speed	: 20,000 rpm
Ovarall Length	: 4-3/8"
Net Weight	: 0.7 lbs.
Vibration Level	: 3.9 m/s²
Vibration Level a	: 5.8 m/s²
Sound Level	: 81.8 dB

Mini Body Size **Only 66mm Short Body**



SP-7241H
super mini



Collet Size	: 1/4"
Free Speed	: 16,000 rpm
Ovarall Length	: 4-5/8"
Net Weight	: 1 lbs.
Vibration Level	: 1.6 m/s²
Vibration Level a	: 11.1 m/s²
Sound Level	: 83.3 dB

SP-1220S (1/4")



Collet Size	: 1/4"
Free Speed	: 23,000 rpm
Ovarall Length	: 6-1/2"
Net Weight	: 1.2 lbs.
Vibration Level	: 1.4 m/s²
Vibration Level a	: 3.9 m/s²
Sound Level	: 87 dB

SP-1523S (1/4")



Collet Size	: 1/4"
Free Speed	: 3,800 rpm
Ovarall Length	: 7-1/2"
Net Weight	: 1.6 lbs.
Vibration Level	: 0.35 m/s²
Vibration Level a	: 11.6 m/s²
Sound Level	: 87 dB

SP-4BS



	SP-SA01	SP-SC03
FLUTE	5/8"	3/4"
HEAD	1/4"	3/8"
SHAPE	Cylindrical	Cylindrical / Radius End
	SP-SF05	SP-SL03
FLUTE	1"	1-1/16"
HEAD	1/2"	3/8"
SHAPE	Tree / Radius End	Taper(14°Angle)



DISC GRINDERS

SP-1254



SPINDLE



Disc Cap	: 4"
Free Speed	: 12,000 rpm
Ovarall Length	: 9"
Net Weight	: 3.7 lbs.
Vibration Level	: 1.2 m/s²
Vibration Level a	: 4.2 m/s²
Sound Level	: 89 dB

SP-1257



SPINDLE



Disc Cap	: 5"
Free Speed	: 12,000 rpm
Ovarall Length	: 9"
Net Weight	: 3.7 lbs.
Vibration Level	: 1.5 m/s²
Vibration Level a	: 4.4 m/s²
Sound Level	: 86 dB

SP-1261L14



SPINDLE



Disc Cap	: 7"
Free Speed	: 7,500 rpm
Ovarall Length	: 12-5/8"
Net Weight	: 7.7 lbs.
Vibration Level	: 1.2 m/s²
Vibration Level a	: 4.7 m/s²
Sound Level	: 86 dB

3/8"&1/2" KEYLESS DRILLS

SP-7520KL (3/8")

Lightweight Composite Body

SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.

One Hand Reverse Button



Short! Double Gear Mechanism







Chuck Size : 3/8"
Free Speed : 500 rpm
Overall Length : 6-1/8"
Net Weight : 2.3 lbs.
Vibration Level : 0.2 m/s²
Vibration Level a : 2.7 m/s²
Sound Level : 88dB

● Reversible Type

SP-7525KL (3/8")

Lightweight Composite Body

SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.



One Hand Reverse Button



Chuck Size : 3/8"
Free Speed : 2,000 rpm
Overall Length : 6-1/8"
Net Weight : 2.1 lbs.
Vibration Level : 0.3 m/s²
Vibration Level a : 3.8 m/s²
Sound Level : 87dB

● Reversible Type

SP-7527KL (1/2")

Lightweight Composite Body

SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.



Short! Double Gear Mechanism

Chuck Size : 1/2"
Free Speed : 400 rpm
Overall Length : 7"
Net Weight : 2.9 lbs.
Vibration Level : 0.1 m/s²
Vibration Level a : 3.4 m/s²
Sound Level : 86.8dB

● Reversible Type

3/8"&1/2" KEYLESS DRILLS

SP-1524KL (3/8")



Chuck Size : 3/8"
Free Speed : 1,480 rpm
Overall Length : 9-1/2"
Net Weight : 2.5 lbs.
Vibration Level a : 3.3 m/s²
Sound Level : 81.8 dB

● Reversible Type

SP-1523KL (3/8")



Chuck Size : 3/8"
Free Speed : 3,800 rpm
Overall Length : 7-1/2"
Net Weight : 1.6 lbs.
Vibration Level : 0.35 m/s²
Vibration Level a : 4.3 m/s²
Sound Level : 83dB

● Oneway Type

SP-1510AH-KL (3/8")



Chuck Size : 3/8"
Free Speed : 1,800 rpm
Overall Length : 8-1/4"
Net Weight : 2.2 lbs.
Vibration Level : 2.2 m/s²
Vibration Level a : 2.8 m/s²
Sound Level : 87dB

● Reversible Type

SP-1522KL (3/8")

● W/ SILENCER



Chuck Size : 3/8"
Free Speed : 2,500 rpm
Overall Length : 6-3/4"
Net Weight : 2.1 lbs.
Vibration Level : 0.4 m/s²
Vibration Level a : 4.1 m/s²
Sound Level : 84dB

● Oneway Type

SP-1525KL (3/8")



Chuck Size : 3/8"
Free Speed : 2,200 rpm
Overall Length : 7-5/8"
Net Weight : 2.7 lbs.
Vibration Level : 0.4 m/s²
Vibration Level a : 3.0 m/s²
Sound Level : 89dB

● Reversible Type

SP-1527KL (1/2")



Chuck Size : 1/2"
Free Speed : 500 rpm
Overall Length : 8-5/8"
Net Weight : 3.6 lbs.
Vibration Level : 0.3 m/s²
Vibration Level a : 4.2 m/s²
Sound Level : 89dB

● Reversible Type

SP-1533KL (1/2")

● W/ SILENCER

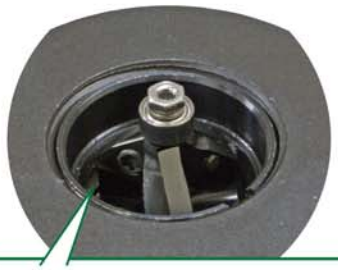


Chuck Size : 1/2"
Free Speed : 550 rpm
Overall Length : 8-3/4"
Net Weight : 3.5 lbs.
Vibration Level : 0.4 m/s²
Vibration Level a : 4.2 m/s²
Sound Level : 84dB

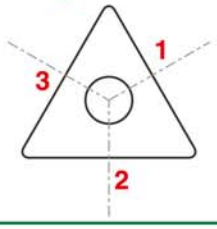
● Oneway Type

AIR MINI BEVELER & VERTICAL BEVELER

SP-7252 *(Rear Exhaust)*
SP-7252F *(Front Exhaust)*



3 Edged Cutters



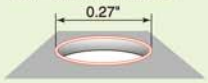


Mini Body Size



Machines chamfering capabilities

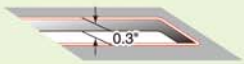
Cuts inside circles with a 0.27" diameter or more



Cuts materials with a minimum of 0.1" thickness



Will make blind cuts with a minimum of 0.3" depth

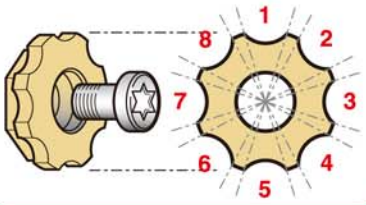


Minimum Diameter	: 0.27"
Chamfering Capacity	: 1/16"C
Free Speed	: 23,000 rpm
Overall Length	: 4-3/8"
Net Weight	: 0.9 lbs.
Vibration Level a	: 1.6 m/s²

SP-1251LABV



Patented 8 Edged Cutters

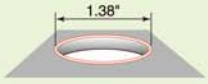




- **Safety Lever Type**

Machines chamfering capabilities

Cuts inside circles with a 1.38" diameter or more



Cuts materials with a minimum of 0.24" thickness



Will make blind cuts with a minimum of 0.43" depth



Minimum Diameter	: 1.38"
Chamfering Capacity	: 0.14"R
Free Speed	: 7,500 rpm
Overall Length	: 5"
Net Weight	: 6 lbs.
Vibration Level a	: 1.6 m/s²

D/A SANDERS

SP-3606-A5 (6")

3/16" ORBIT DUAL ACTION



Pad Size	: 6"
Orbit Dia.	: 3/16"
Free Speed	: 10,000 rpm
Overall Length	: 8-1/2"
Net Weight	: 2.7 lbs.
Vibration Level	: 2.5 m/s²
Vibration Level a	: 6.9 m/s²
Sound Level	: 90dB

#3606A5-49



SP-3606DF-A5 (6")

● Dust Free Type

3/16" ORBIT DUAL ACTION



Pad Size	: 6"
Orbit Dia.	: 3/16"
Free Speed	: 10,000 rpm
Overall Length	: 9-1/2"
Net Weight	: 2.8 lbs.
Vibration Level	: 2.5 m/s²
Vibration Level a	: 6.9 m/s²
Sound Level	: 85dB

#3606A5-49



SP-7201DA (2") mini

1/8" ORBIT DUAL ACTION



Pad Size	: 2"
Orbit Dia.	: 1/8"
Free Speed	: 13,000 rpm
Overall Length	: 6-5/16"
Net Weight	: 1.3 lbs.
Vibration Level	: 4.54 m/s²
Vibration Level a	: 25.3 m/s²
Sound Level	: 85dB

#7201G-41



BELT SANDERS

SP-1370A (3/8"&1/2" x 13")

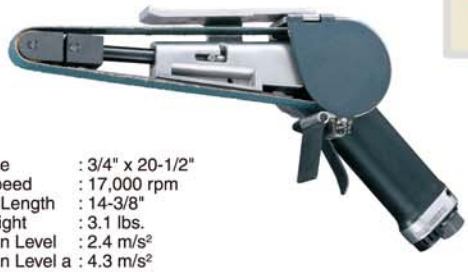
Belt Size 3/8" or 1/2"



Belt Size	: 3/8" x 13" / 1/2" x 13"
Free Speed	: 16,000 rpm
Overall Length	: 11"
Net Weight	: 1.8 lbs.
Vibration Level	: 0.6 m/s²
Vibration Level a	: 5.0 m/s²
Sound Level	: 82dB

SP-1380 (3/4" x 20-1/2")

Belt Size 3/4"



Belt Size	: 3/4" x 20-1/2"
Free Speed	: 17,000 rpm
Overall Length	: 14-3/8"
Net Weight	: 3.1 lbs.
Vibration Level	: 2.4 m/s²
Vibration Level a	: 4.3 m/s²
Sound Level	: 85.5dB

SANDERS & POLISHERS

SP-7241GH (2")

Single Action

super mini

Only 2.6" Short Body



Mini Body Size



SINGLE ACTION

#7201G-41



Pad Size	: 2"
Free Speed	: 13,000 rpm
Overall Length	: 4-5/8"
Net Weight	: 2.6 lbs.
Vibration Level	: 0.16 m/s²
Vibration Level a	: 7.0 m/s²
Sound Level	: 78.3 dB

SP-7500AH-P (5")

LOW SPEED SINGLE ACTION



#7500AH-P-50

OPTION

#7500AH-P-54 6" Urethane Sponge

#7500AH-P-55 6" Wool Buff

Pad Size	: 5"
Spindle Size	: 5/16-24 UNF
Free Speed	: 2,000 rpm
Overall Length	: 8"
Net Weight	: 2.6 lbs.
Vibration Level	: 0.3 m/s²
Vibration Level a	: 1.6 m/s²
Sound Level	: 83.2 dB

SP-7201G (2")

Single Action

mini

SINGLE ACTION

#7201G-41



Pad Size	: 2"
Spindle Size	: M6
Free Speed	: 14,000 rpm
Overall Length	: 6-1/4"
Net Weight	: 1.2 lbs.
Vibration Level	: 0.3 m/s²
Vibration Level a	: 4.9 m/s²
Sound Level	: 83.2 dB

SP-1350 (4")



Paper Size	: 4"
Disc Size	: 3"
Free Speed	: 15,000 rpm
Overall Length	: 5"
Net Weight	: 2.1 lbs.
Vibration Level	: 4.5 m/s²
Vibration Level a	: 5.4 m/s²
Sound Level	: 77.8 dB

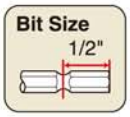
SCREW DRIVERS

SP-1800A

● External Adjustment Type







Hex. Drive	: 1/4"
Bolt Capacity	: 1/4"
Overall Length	: 10"
Net Weight	: 2.8 lbs.
Vibration Level	: 0.8 m/s²
Vibration Level a	: 1.6 m/s²
Sound Level	: 85 dB

SP-1810A

● External Adjustment Type

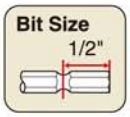


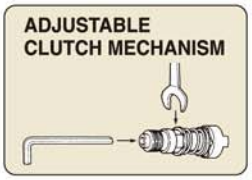
Hex. Drive	: 1/4"
Bolt Capacity	: 1/4"
Overall Length	: 8"
Net Weight	: 3 lbs.
Vibration Level	: 1.0 m/s²
Vibration Level a	: 1.6 m/s²
Sound Level	: 90.5 dB

SP-1800

● Internal Adjustment Type







Hex. Drive	: 1/4"
Bolt Capacity	: 1/4"
Overall Length	: 10"
Net Weight	: 2.4 lbs.
Vibration Level	: 0.8 m/s²
Vibration Level a	: 1.3 m/s²
Sound Level	: 81 dB

SP-1810

● Internal Adjustment Type



Hex. Drive	: 1/4"
Bolt Capacity	: 1/4"
Overall Length	: 8"
Net Weight	: 2.6 lbs.
Vibration Level	: 1.0 m/s²
Vibration Level a	: 1.6 m/s²
Sound Level	: 88 dB

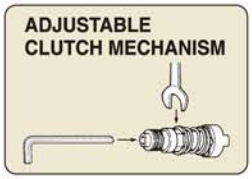
SP-7810

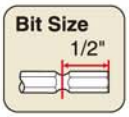
● Internal Adjustment Type

SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.



Hex. Drive	: 1/4"
Bolt Capacity	: 1/4"
Overall Length	: 7-3/4"
Net Weight	: 2 lbs.
Vibration Level	: 1.9 m/s²
Vibration Level a	: 1.6 m/s²
Sound Level	: 83.6 dB





SP-7810A

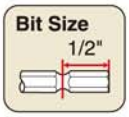
● External Adjustment Type

SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.



Hex. Drive	: 1/4"
Bolt Capacity	: 1/4"
Overall Length	: 7-3/4"
Net Weight	: 2.6 lbs.
Vibration Level	: 1.9 m/s²
Vibration Level a	: 1.6 m/s²
Sound Level	: 83.6 dB





IMPACT DRIVERS

SP-7825HU

Lightweight Composite Body

Bit Size 3/8"



SAS
Side And Side system
Easy Access Forward / Reverse button for one hand operation.

One Hand Reverse Button



Double Hammer Clutch



Air Regulator

Hex. Drive	: 1/4"
Max. Torque	: 94 ft-lbs.
Overall Length	: 4-1/2"
Net Weight	: 1.5 lbs.
Vibration Level	: 3.5 m/s²
Vibration Level a	: 9.6 m/s²
Sound Level	: 85.5 dB

SP-8102BU

Bit Size 3/8"



360°

Double Hammer Clutch



Hex. Drive	: 1/4"
Max. Torque	: 100 ft-lbs.
Overall Length	: 6"
Net Weight	: 2.6 lbs.
Vibration Level	: 3.9 m/s²
Vibration Level a	: 3.0 m/s²
Sound Level	: 90 dB

SAWS

SP-7600 mini



OPTION BLADES
#7600-03
32T-Steel



Free Speed	: 5,300 rpm
Stroke	: 3/16"
Overall Length	: 8-3/4"
Net Weight	: 1 lbs.
Vibration Level	: 3.6 m/s²
Sound Level	: 80 dB

SP-7610 (Gear Type)

medium



OPTION BLADES
SP-7610-200



Free Speed	: 5,300 rpm
Stroke	: 0.47"
Overall Length	: 8.15"
Net Weight	: 1.3 lbs.
Vibration Level a	: 15 m/s²
Sound Level	: 86.5 dB

SP-1720



OPTION BLADES
#720-70
32T-Steel



#720-71
24T-Steel



Cutting Capacity	: 1/16"
Free Speed	: 11,000 rpm
Overall Length	: 1"
Net Weight	: 1.1 lbs.
Vibration Level	: 1.8 m/s²
Vibration Level a	: 28.6 m/s²
Sound Level	: 92 dB

HAMMERS

SP-1410

SP-1410H

Hexagonal Type



3/8"



Chisel Shank Size	: 3/8"
Blows Per Min.	: 3,800 bpm
Overall Length	: 8-1/2"
Net Weight	: 3.6 lbs.
Vibration Level	: 8.0 m/s²
Vibration Level a	: 19.8 m/s²
Sound Level	: 96 dB

SP-1410K (BOX SET)



Chisel Set

- #812 Tapered Punch Chisel



- #810 Flat Chisel



- #815 Spot Welder Chisel



- #807 Sheet Metal Chisel B



ACCESSORIES

#410-12
Quick Change Retainer



#523D-51
Regulator(RG-30)



250BV-R3.5
(10pcs set)
only SP-1251LABV



252-C1.5
(10pcs set)
only SP-7252F/7252



Flexible Joint



Aluminum Impact Socket Set
(17/19/21 mm)



SP-7610-200
Saw Blade (10pcs set)

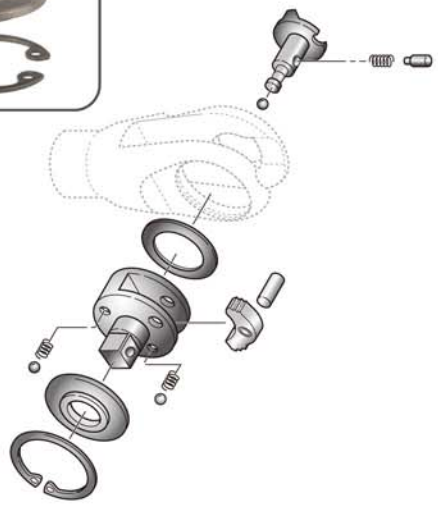


Ratchet Socket Set
(8/10/12/14 mm)



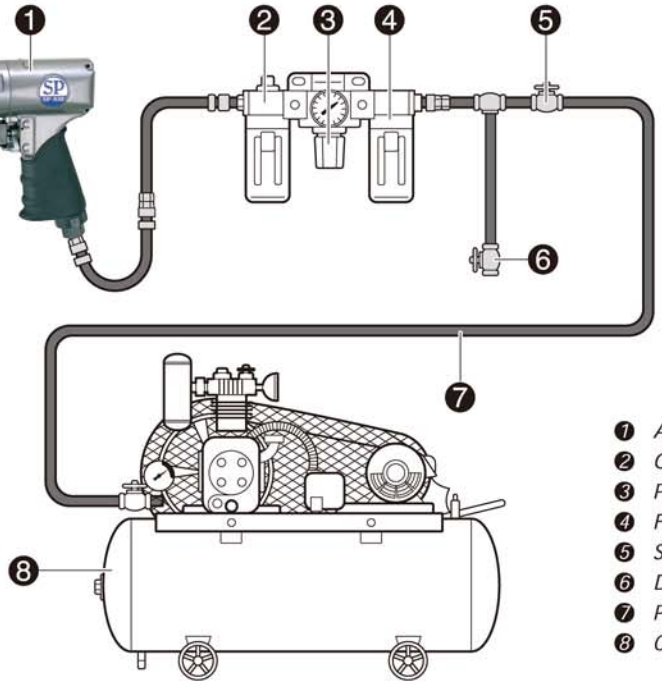
ANVIL KITS for Ratchet Wrench





Tool No.	Anvil Kit No.
SP-7760(1/4")	AK-7760
SP-7770(1/4")	
SP-1760A(1/4")	AK-760
SP-7740RH(1/4")	
SP-7762(3/8")	AK-7762
SP-7772(3/8")	
SP-1762(3/8")	AK-762
SP-7742RH(3/8")	
SP-1133(1/2")	AK-131
SP-1134(1/2")	
SP-7131(1/2")	
SP-7131RH(1/2")	
SP-1133(3/8")	AK-130
SP-1134(3/8")	
SP-7130(3/8")	
SP-7130RH(3/8")	

AIR HOSE AND COUPLING ASSEMBLY



❶ *Air Tool*
❷ *Oiler*
❸ *Presure regulator*
❹ *Filter*
❺ *Shut off valve*
❻ *Drain daily*
❼ *Pressure hose*
❽ *Compressor*

AIR TOOL MAINTENANCE

- *SP AIR tools precision products built to perform in a wide variety application. Peak performance can be assured by following a few simple guidelines.*
- *Always use 0.63 MPa (6.3 bar/90 PSI) air pressure at the tool. Exceeding 0.63 MPa (6.3 bar/90 PSI) will result in premature wear an possible breakage.*
- *Lubricate your tool daily. An inline lubricator is recommend. Daily lubrication will prevent excessive wear or moving parts, rust and corrosion of bare metalsurfaces and assures peak performance of the tool. Tools requiring grease should be checked at regular intervals.*
- *Keep your air system clean and dry. Drain your system daily. Water increases the risk of rusted parts and premature wear.*
- *Always wear safety goggles!*
- *Operating your air tool without oil and with more than 0.63 MPa (6.3 bar/90 PSI) is like driving your car without oil past the red line.*

Vibration Level Information

Vibration Level a : Vibration total values (3 axes values) [ISO-28927]

Model No.	Vibration Level (ISO-8662) [m/s²]	Vibration Level a (ISO-28927) [m/s²]	Model No.	Vibration Level (ISO-8662) [m/s²]	Vibration Level a (ISO-28927) [m/s²]
SP-1133	3.5	5.4	SP-7130RH	3.3	6.2
SP-1133-2	3.5	6.2	SP-7131RH	3.3	5.9
SP-1140EX	3.4	4.9	SP-7140	3.2	6.9
SP-1144EX	7.1	7.0	SP-7141	3.0	7.3
SP-1148TR-X	3.2	3.8	SP-7142DX	4.7	6.0
SP-1158	5.6	12.3	SP-7143DX	3.3	4.8
SP-1158L	10.0	12.2	SP-7144	5.5	7.4
SP-1158EX	15.0	8.7	SP-7145	6.0	5.1
SP-1175B	4.5	10.6	SP-7146	5.5	7.7
SP-1176B	4.5	10.3	SP-7150	9.0	15.6
SP-1186GE-2	12.5	12.8	SP-7151	5.5	8.0
SP-1186GE-8	14.0	8.0	SP-7191	5.5	7.2
SP-1190EXA-2	9.1	18.5	SP-7191S	5.5	8.6
SP-1190EXA-6	5.8	12.3	SP-7200	2.0	7.9
SP-1190EXPA-2	6.3	12.7	SP-7201	2.8	5.9
SP-1190EXPA-6	7.3	14.6	SP-7201DA	4.5	25.3
SP-1191DH	5.6	14.4	SP-7202	2.8	9.1
SP-1191EXDH	5.6	12.3	SP-7240H	3.9	5.8
SP-1192EX-2	6.3	20.8	SP-7252F	-	1.6
SP-1192EX-6	6.8	21.6	SP-7255	5.0	2.6
SP-1193GE-6	11.2	9.7	SP-7500AH-P	0.3	1.6
SP-1193GEP-2	5.4	10.4	SP-7520KL	0.2	2.7
SP-1193GEP-6	5.4	10.4	SP-7525KL	0.3	3.8
SP-1220S	1.4	3.9	SP-7527KL	0.1	3.4
SP-1251LABV	-	1.6	SP-7610	-	15.0
SP-1254	1.2	4.2	SP-7700SHR	3.2	2.8
SP-1257	1.5	4.4	SP-7720A	2.4	8.4
SP-1261L14	1.2	4.7	SP-7722A	2.4	11.0
SP-1350	4.5	5.4	SP-7730	5.8	21.0
SP-1370A	0.6	5.0	SP-7731	5.8	22.3
SP-1380	2.4	4.3	SP-7740RH	3.5	4.7
SP-1410	8.0	19.8	SP-7760	3.5	4.5
SP-1510AH-KL	2.2	2.8	SP-7762	3.5	6.7
SP-1522KL	0.4	4.1	SP-7772	3.5	4.9
SP-1523KL	0.4	4.3	SP-7776	3.6	3.2
SP-1524KL	-	3.3	SP-7777	3.6	3.7
SP-1525KL	0.4	3.0	SP-7810	1.9	1.6
SP-1527KL	0.3	4.2	SP-7810A	1.9	1.6
SP-1533KL	0.4	4.2	SP-7825	4.0	12.9
SP-1760A	3.5	5.4	SP-7825HU	3.5	9.6
SP-1762	3.5	8.0	SP-8102BU	3.9	3.0
SP-1800	0.8	1.3			
SP-1800A	0.8	1.6			
SP-1810	1.0	1.6			
SP-1810A	1.0	1.6			
SP-1850	6.2	11.8			
SP-3606-A5	2.5	6.9			
SP-3606DF-A5	2.5	6.9			
SP-5000GE	5.0	11.9			
SP-7130	3.3	5.9			
		3 axes values			3 axes values

memo

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