

## ONE POINT

## IMPACT WRENCH SERIES

FASTENING

DRILLING

SANDING

GRINDING

CUTTING

HAMMERING

BEVELER

### Hammer mechanism



#### Single dog hammer

One blow per revolution, powerful tightening. High vibration.  
Power: A, Durability: A, Rise: C  
Low vibration: C, Low cost: A, Easy to repair: A



#### Single Hammer

One blow per revolution, strong tightening.  
Power: C, Durability: B, Rise: C  
Low vibration: B, Low cost: A, Easy to repair: A



#### Pin Type Hammer

Two pins strike simultaneously. Powerful, low vibration.  
Power: A, Durability: C, Rise: A  
Low vibration: A, Low cost: B, Easy to repair: C



#### Twin dog Hammer

Two blows per revolution, well balanced performance.  
Power: A, Durability: B, Rise: B  
Low vibration: C, Low cost: B, Easy to repair: A



#### Double Hammer

Two blows per revolution, strong and stable tightening.  
Power: C, Durability: C, Rise: B  
Low vibration: A, Low cost: B, Easy to repair: B



#### Dyna Jaw Hammer

Two hammers, powerful, low vibration.  
Power: A, Durability: C, Rise: A  
Low vibration: A, Low cost: B, Easy to repair: C

### Reverse switching



#### Push button (side) (patented)

Located above the throttle and can be operated with one hand.



#### Push button (front/rear)

Located above the throttle and can be operated with one hand.



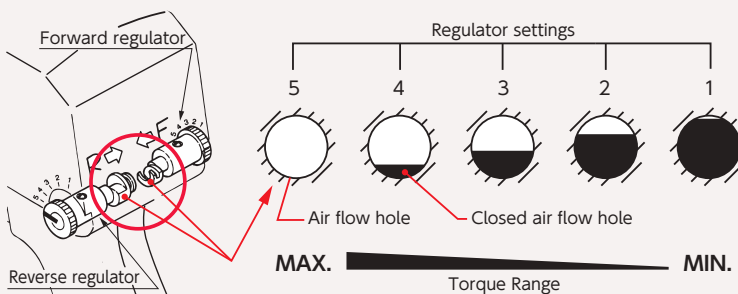
#### Butterfly lever type

Switches the rotating direction in which the butterfly lever is folded.



#### Twin regulator type

Adjustable for each left and right rotation, push type.



### Regulator (Torque adjustment)



#### Lever type

Switch by a lever on the back of the air motor. 4 steps (1: weak to 4: strong) Can be operated with one hand. Available dual-switching both rotating direction and torque selection



#### Dial type

Switch by turning the knob or dial. 4 steps (1: weak to 4: strong) Large knob for easy switching.



#### Inlet integrated

Integrated into the air inlet. Rotating type 4 steps (1: weak to 4: strong) or stepless Used for compact models.

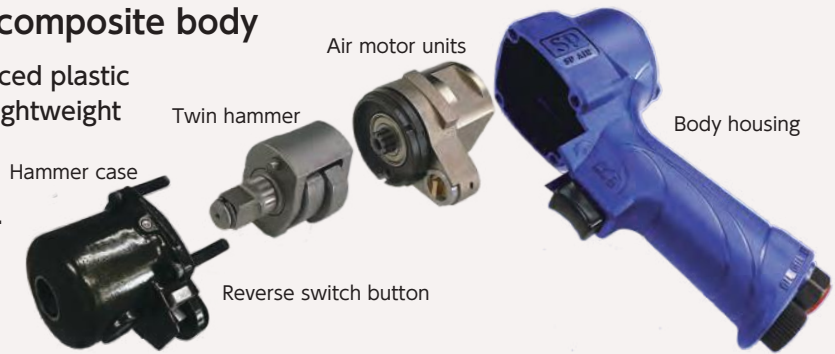
**ONE POINT**

**COMPOSITE SERIES**

**Lightweight/compact, tough composite body**

The composite body is made of reinforced plastic containing glass fiber, which makes it lightweight and compact.

It is also easy to use: the reverse switch can be operated with one hand.



**IMPACT WRENCH COMPOSITE**

**Bolt Capacity 10mm**

- Lightweight and short body. ● One hand reverse button (patented).

**SP-7825**

3/8" Retainer ring

4 Air inlet regulator dial



**Bolt Capacity 14mm**

- Lightweight and short body. ● One hand reverse button (patented).
- With protective cover

**SP-7146EX-S**

3/8" Retainer ring

4 Regulator lever



**Bolt Capacity 16mm**

- Lightweight and short body. ● One hand reverse button (patented).
- With protective cover

**SP-7146EX**

1/2" Retainer ring

4 Regulator lever



**Bolt Capacity 16mm**

- Lightweight and short body. ● One hand reverse button (patented).
- With protective cover

**SP-7147EXA**

1/2" Retainer ring

4 Regulator lever



**Bolt Capacity 16mm**

- High power and compact body. ● One hand reverse button (patented).

**SP-7144A**

1/2" Retainer ring

4 Regulator lever



**Bolt Capacity 16mm**

- High power and compact body. ● One hand reverse button (patented).

**SP-7145A**

1/2" Pin-lock

4 Regulator lever



EDP	Model No.	Sq. Drive (inch)	Hammer	Torque Range (N·m)	Free Speed (min <sup>-1</sup> )	Overall Length (mm)	Air Consumption (ml/min)	Hose Coupling	Net Weight (kg)	JAN (4545695)
370027	<b>SP-7825</b>	3/8"	Double Hammer	7~68	17000	110	0.4	1/4"NPT	0.68	001735
370037	<b>SP-7146EX-S</b>	3/8"	Twin dog clutch	50~270	9000	133	0.6	1/4"NPT	0.98	002961
370024	<b>SP-7146EX</b>	1/2"	Twin dog clutch	50~330	9000	133	0.6	1/4"NPT	0.99	002893
370031	<b>SP-7147EXA</b>	1/2"	Twin dog clutch	50~350	9000	119	0.8	1/4"NPT	0.97	003395
370026	<b>SP-7144A</b>	1/2"	Twin dog clutch	50~550	6200	154	0.6	1/4"NPT	1.78	002039
370188	<b>SP-7145A</b>	1/2"	Pin clutch	50~570	6200	166	0.6	1/4"NPT	1.9	003890

Air pressure: 0.62 MPa Air hose inner dia.: 9.5 mm Rear exhaust Air connector included

## IMPACT WRENCH COMPOSITE

**Bolt Capacity 16mm**

- Lightweight. ● Reverse lever.

### SP-7143

- 1/2" Retainer ring
- 4 Regulator dial



**Bolt Capacity 16mm**

- Lightweight. ● Reverse lever.

### SP-7143DX

- 1/2" Retainer ring
- 4 Regulator lever



**Bolt Capacity 14mm**

- Lightweight. ● Reverse lever.

### SP-7142S

- 3/8" Retainer ring
- 4 Regulator dial



**Bolt Capacity 16mm**

- Lightweight. ● Reverse lever.

### SP-7140

- 1/2" Retainer ring
- 4 Regulator dial



**Bolt Capacity 25mm**

- One hand reverse button (patented).

### SP-7150A-V8

- 3/4" Retainer ring
- 4 Regulator dial



**Bolt Capacity 25mm**

- One hand reverse button (patented).

### SP-7151AL-V8

- 3/4" Retainer ring
- 4 Regulator dial



Option  
● #26061990 Support grip

**Bolt Capacity 32mm**

- Lightweight. ● One hand reverse button (patented).

### SP-7191A-V8

- 1" Retainer ring
- 4 Regulator dial



Option  
● #26061990 Support grip

EDP	Model No.	Sq. Drive (inch)	Hammer	Torque Range (N·m)	Free Speed (min <sup>-1</sup> )	Overall Length (mm)	Air Consumption (ml/min)	Hose Coupling	Net Weight (kg)	JAN (4545695)
370021	SP-7143	1/2"	Dyna Jaw clutch	50~280	8000	180	0.6	1/4"NPT	1.36	000165
370028	SP-7143DX	1/2"	Dyna Jaw clutch	50~320	8000	173	0.6	1/4"NPT	1.36	001629
370187	SP-7142S	3/8"	Twin Dog clutch	50~270	7500	163	0.4	1/4"NPT	1.4	001049
370032	SP-7140	1/2"	Twin dog clutch	50~450	5800	185	0.6	1/4"NPT	2.1	000158
370029	SP-7150A-V8	3/4"	Twin Dog clutch	300~1000	4300	237	1.3	3/8"NPT	3.7	002572
370041	SP-7151AL-V8	3/4"	Pin clutch	270~900	4300	320	0.8	3/8"NPT	4.5	002503
370042	SP-7191A-V8	1"	Pin clutch	280~1100	4300	320	0.8	1/2"NPT	4.65	002602

Air pressure: 0.62 MPa Air hose inner dia.: 9.5 mm Rear exhaust Air connector included

## IMPACT WRENCH COMPOSITE

**Bolt Capacity 10mm** [STRAIGHT TYPE]

- Smallest palm-size. • Butterfly lever. • 360 degree Swivel inlet.

### SP-1850

3/8" Retainer ring

4 Regulator dial



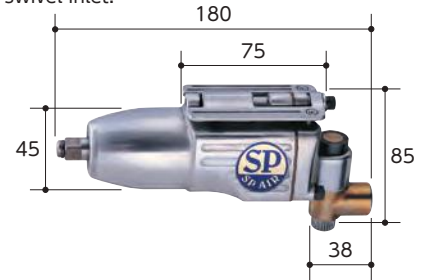
**Bolt Capacity 10mm** [STRAIGHT TYPE]

- Lightweight and compact. • Butterfly lever for Right/Left rotation switching. • 360 degree swivel inlet.

### SP-1138

3/8" Retainer ring

4 Regulator dial



**Bolt Capacity 10mm**

- Lightweight and compact. • Reverse button. • Variable speed trigger.

### SP-1135B

3/8" Retainer ring

F Stepless regulator dial



**Bolt Capacity 16mm**

- Reverse button. • Variable speed trigger.

### SP-1140EX

1/2" Retainer ring

4 Regulator lever



Option

- #02413811 Protect cover

**Bolt Capacity 16mm** [LIGHTWEIGHT TYPE]

- Lightweight. • Reversible lever. • Variable speed trigger. • With protective cover

### SP-1143

1/2" Retainer ring

4 Regulator lever



**Bolt Capacity 14mm** [LIGHTWEIGHT TYPE]

- Compact body. • Reverse button. • Variable speed trigger. • Built-in power regulator.

### SP-1143S

3/8" Retainer ring

4 Regulator lever



EDP	Model No.	Sq. Drive (inch)	Hammer	Torque Range (N·m)	Free Speed (min <sup>-1</sup> )	Overall Length (mm)	Air Consumption (ml/min)	Hose Coupling	Net Weight (kg)	JAN (4545695)
370025	<b>SP-1850</b>	3/8"	Double Hammer	5~50	10000	137	0.2	3/8"NPT	0.5	001353
370035	<b>SP-1138</b>	3/8"	Single Hammer	7~90	12500	180	0.3	3/8"NPT	0.9	001278
370038	<b>SP-1135B</b>	3/8"	Single Hammer	7~90	12000	138	0.3	3/8"NPT	1.3	000103
370033	<b>SP-1140EX</b>	1/2"	Twin dog clutch	50~500	6000	185	0.6	1/4"NPT	2.6	000189
370023	<b>SP-1143</b>	1/2"	Dyna Jaw clutch	50~320	8000	163	0.4	1/4"NPT	1.6	000196
370181	<b>SP-1143S</b>	3/8"	Dyna Jaw clutch	50~320	8000	163	0.4	3/8"NPT	1.6	002114

Air pressure: 0.62 MPa Air hose inner dia.: 9.5 mm Rear exhaust Air connector included

## IMPACT WRENCH

### Bolt Capacity 16mm

- Reversible lever. ● Integrated air regulator and throttle trigger

#### SP-1145A

- 1/2" Retainer ring
- 4 Regulator dial



### Bolt Capacity 16mm

- Twin regulators (5-step adjustment). ● Variable speed trigger.

#### SP-1148F

- 1/2" Retainer ring
- 5 Twin regulator

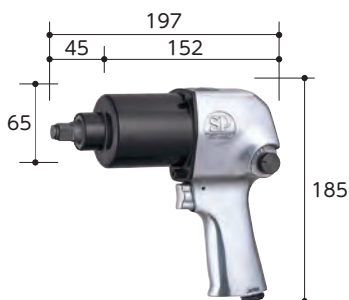


### Bolt Capacity 16mm

- Twin regulators (5-step adjustment). ● Variable speed trigger.

#### SP-1148TR-X

- 1/2" Retainer ring
- 5 Twin regulator

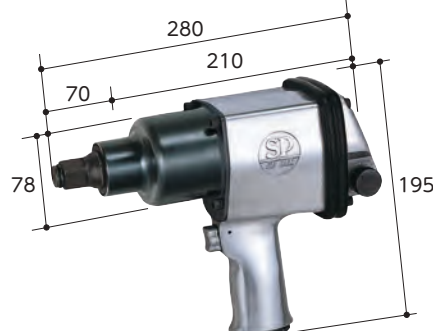


### Bolt Capacity 22mm

- Twin regulators (6-step adjustment). ● Variable speed trigger.

#### SP-1156TR

- 3/4" Retainer ring
- 6 Twin regulator

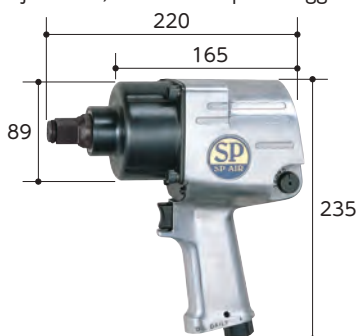


### Bolt Capacity 25mm

- Twin regulators (5-step adjustment). ● Variable speed trigger.

#### SP-1158A

- 3/4" Retainer ring
- 5 Twin regulator

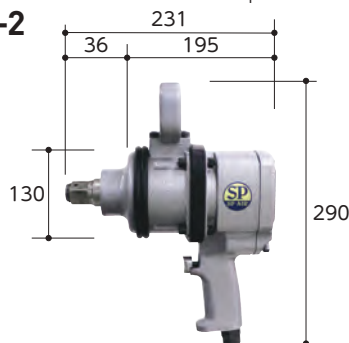


### Bolt Capacity 41mm

- Pinless hammer mechanism is durable and hard hitting using fewer parts and less down time. ● Regulator system allows mechanics to maintain full power in multiple directions

#### SP-1193GEP-2

- 1" Retainer ring
- 3 Regulator lever



EDP	Model No.	Sq. Drive (inch)	Hammer	Torque Range (N·m)	Free Speed (min <sup>-1</sup> )	Overall Length (mm)	Air Consumption (m <sup>3</sup> /min)	Hose Coupling	Net Weight (kg)	JAN (4545695)
370022	SP-1145A	1/2"	Pin clutch	55~420	6000	190	0.6	1/4"NPT	2.5	000004
370182	SP-1148F	1/2"	Twin Dog clutch	55~475	6000	197	0.6	1/4"NPT	2.5	000998
370183	SP-1148TR-X	1/2"	Pin clutch	55~475	6300	197	0.6	1/4"NPT	2.7	000172
370034	SP-1156TR	3/4"	Pin clutch	280~1100	4600	280	0.8	3/8"NPT	5.4	000202
370040	SP-1158A	3/4"	Single dog hammer	270~900	5500	220	1.11	3/8"NPT	5.5	000219
370185	SP-1193GEP-2	1"	Pinless Hammer	280~2100	4000	290	1.56	1/2"NPT	11	002374

Air pressure: 0.62 MPa Air hose inner dia.: 9.5 mm Rear exhaust, Front exhaust (SP-1145A, SP-1148F) Air connector included

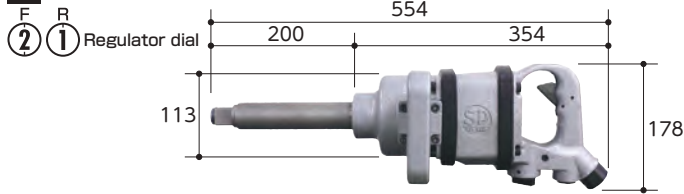
## IMPACT WRENCH

### Bolt Capacity 41mm

- Long anvil. ● Pinless hammer mechanism is durable and hard hitting using fewer parts and less down time. ● Regulator system allows mechanics to maintain full power in multiple directions

#### SP-1193GE-6

1" Retainer ring

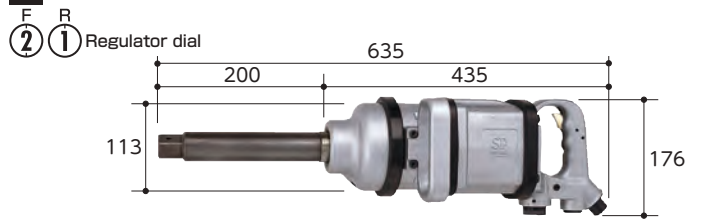


### Bolt Capacity 50mm

- Long anvil. ● Oil bath system for durability. ● Reverse lever. ● Variable speed trigger.

#### SP-5000GE

1" Pin-lock

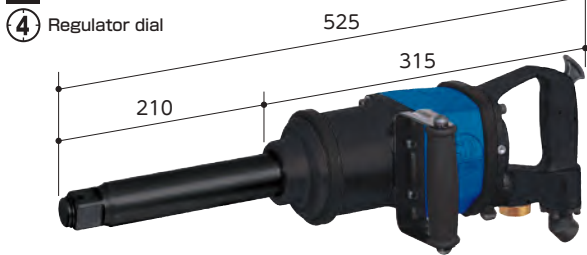


### Bolt Capacity 38mm

- Long anvil. ● Oil bath system for durability. ● Reverse lever. ● Variable speed trigger.

#### SP-380DX

1" Retainer ring

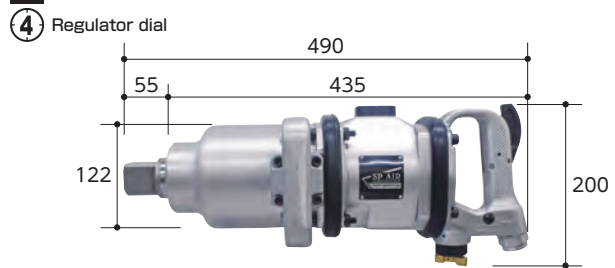


### Bolt Capacity 55mm

- Short anvil. ● Reverse dial switch. ● Variable speed trigger.

#### SP-6500

1-1/2" Pin-lock



## IMPACT DRIVER

### Screw Capacity 6mm

- Lightweight composite body. ● On hand reverse button (Patented).

#### SP-7825H

1/4" Bit sleeve retainer



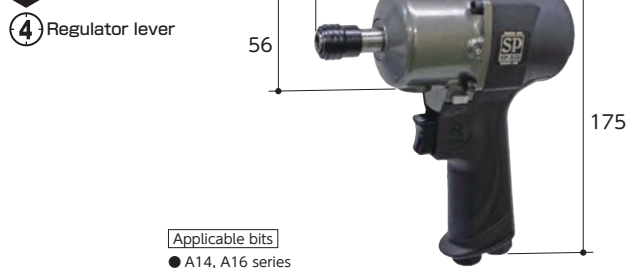
Applicable bits  
● A14, A16 series

### Screw Capacity 6~8mm

- Lightweight and short body. ● On hand reverse button (Patented). ● With protective cover.

#### SP-7146H

1/4" Bit sleeve retainer



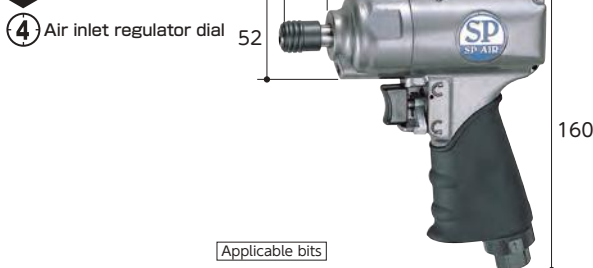
Applicable bits  
● A14, A16 series

### Screw Capacity 6~8mm

- Lightweight. ● One hand reverse Lever. ● Four steps adjustable air regulator. ● Variable speed trigger.

#### SP-8102B

1/4" Bit sleeve retainer



Applicable bits  
● A14, A16 series

EDP	Model No.	Sq. Drive (inch)	Hammer	Torque Range (N·m)	Free Speed (min <sup>-1</sup> )	Overall Length (mm)	Air Consumption (m <sup>3</sup> /min)	Hose Coupling	Net Weight (kg)	JAN (4545695)
370184	<b>SP-1193GE-6</b>	1"	Pinless Hammer	280~2100	4000	610	1.56	1/2"NPT	13	002367
370186	<b>SP-5000GE</b>	1"	Pinless Hammer	280~2200	3000	635	1.41	1/2"NPT	17.9	001766
370030	<b>SP-380DX</b>	1"	Twin dog clutch	200~1250	3500	525	1	1/2"NPT	7.8	002978
370044	<b>SP-6500</b>	1-1/2"	Pin clutch	1500~4200	3600	490	0.7	1/2"NPT	18	003203
370078	<b>SP-7825H</b>	1/4"HEX	Double Hammer	7~48	17000	120	0.4	1/4"NPT	0.68	001742
370079	<b>SP-7146H</b>	1/4"HEX	Double Hammer	7~67	7000	149	0.6	1/4"NPT	0.98	002152
370080	<b>SP-8102B</b>	1/4"HEX	Double Hammer	7~70	11500	150	0.4	1/4"NPT	1	000943

Air pressure: 0.62 MPa Air hose inner dia.: 9.5 mm Rear exhaust, Top exhaust (380DX, SP-6500, SP-5000GE, SP-1193GE-6). Air connector included