

**VESSEL®**



# AIR TOOLS CATALOGUE



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Made in Japan  
2008/2009



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# AIR TOOLS

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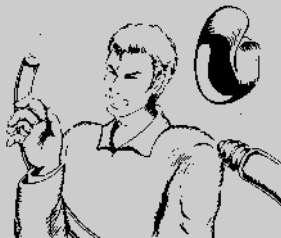
# For Safety Use of Air Tools

Read the following warnings before use in order to prevent harm to you and others in the surrounding area.

## AIR TOOLS

### Before operation

Be sure to connect the air joints and hose securely to the tool!  
Otherwise, accidental disconnection of the hose or air leakage may result, causing serious accidents.



Check your tool carefully before in use!  
Should the tool itself or its accessories be found defective, stop using the tool immediately for check-up.

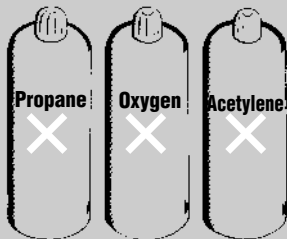


Make sure the tools applicable for the working purpose!  
Contact your agent or us directly when the details found not cleared even after checked in attached instruction manuals.



### Work Environment

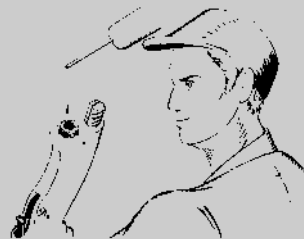
Do not use anything other than plain air as the drive medium!  
Air tools are driven by compressed air. Use of high pressure gases (oxygen, acetylene, propane, etc.) other than air is dangerous and can lead to explosion.



Use tools at an appropriate air pressure!  
Inappropriate pressures not only cause early wear and damage to tools but can also lead to accident.  
Use clean, dry compressed air!  
Dust and drainage can lead to clogging and accident. Install a pressure regulator.



Oil your tools!  
Failure to oil tools not only causes rust, wear and breakdown but can also lead to accident. Replenish oil from the oil supply port and rotate the tool for about 3 sec. under no load 2 or 3 times, before and after use.



### Work Environment and Dress

Keep the work area clean and brightly lit!  
Dark or disorderly work environments can lead to accident. Provide proper lighting and keep the area clean and tidy.



Dress for work!  
Do not wear baggy clothes, necklaces, etc.  
Wear only attire suited for working. Tuck long hair up under a hat or take other measures to prevent entangling in tools.



Wear protective gear!  
Wear protective gear suited for the work including a helmet, protective goggles, ear-plugs, dust mask, safety shoes, etc.



### Precautions in Use

Shut off air whenever stopping work!  
Should the tool operate unexpectedly, it could lead to accident. Also, if trouble occurs, shut off air supply instantly and stop working.



Stop the tool before mounting or replacing bits!  
Stop the tool and shut off air supply before mounting bits or changing the direction of rotation. Also, before starting the tool, check the direction of rotation.

Do not use hand tool application tools!  
It easily causes the damage of tip tools and serious accident. Be sure to choose the proper bits and adapters for air tool.



Keep hands away from rotating parts!  
Contact with rotating parts is very dangerous and can lead to accident. Also, the bit and screw can become hot during tool use; therefore do not touch either immediately after use.



Avoid the exhausts!  
Avoid the exhausts from your eyes and ears either directly or indirectly.





# For Safety Use of Air Tools

Read the following warnings before use in order to prevent harm to you and others in the surrounding area.

## ●Installing the tip tools

- Before tools put on services for installing or replacing the tip tools (bits, sockets drills, grindstones with shanks, headcups, blades, etc.), be sure to disconnect the air hose from the tools; otherwise, these tools may operate accidentally during their replacement or come off during operation, resulting in accidents. This is very dangerous. Never try to run the motor free loaded before use.
- Be sure to remove the tools used for replacing the tip tools.

### □Air screwdriver

- Use bits and sockets for power tool application.

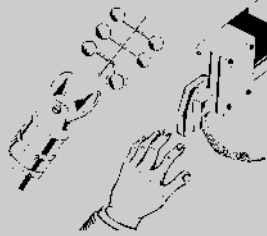
### □Air impact wrench

- Use bits and sockets for power tool applications.
- To install the sockets, be sure to use our specified O-ring and socket pins. (Use of only retainer rings is not sufficient enough to hold the socket.)
- Do not drive power tools idly with sockets attached.



### □Air nipper and blade

- Continuous use of broken blades may result in serious damage to the tools or accidents, therefore replace the blades when they are broken.
- Replace the blade of the heat nippers after it gets cool. Be aware that they retain heat even after the power is turned off.



### □Air micro grinder

- Choose the proper point attached tools to meet the right application, by referring to catalogs from the reliable manufactures of these tools.
- Do not use broken grindstones; otherwise, chips may scatter, causing injury.
- Do not use grindstones with different shank diameter. It may result in damage to the tool or work pieces.
- Avoid over-tightening and tightening the collet without inserting shank of the tip tools or installing it to the extent to which it exceeds the specified overhang; otherwise, damage to the machine or accident may result.



## ●Storage

- Store tools in a safe place where not exposed to dust, moisture, dewing or freezing.

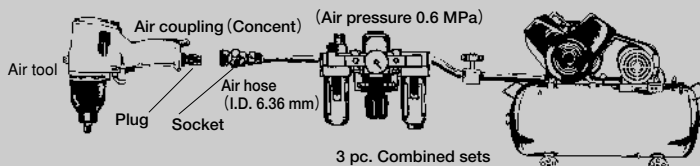
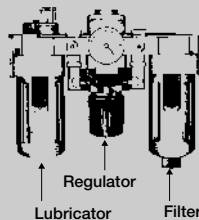
## ●Repair

- Do not disassemble or reassemble the machine unnecessarily, otherwise machine failure or damage to the tool may result.
- For servicing, contact the place of purchase.

## ■Air Tool Peripherals

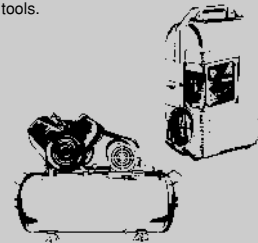
### Air Regulators

Use a 3-piece (filter, regulator and lubricator) air regulator set. The filter removes moisture and dust in the hose and prevents foreign matter from infiltrating the tool. Drain the water collected in the filter periodically. Set the regulator so that air from the compressor is delivered to the tool at an appropriate pressure. The lubricator supplies oil to the tool. Use oil such as ISO-VG10.



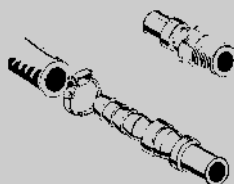
### ●Air compressor

Choose the air compressor to supply enough air pressure and flow consumption volume. Check periodically to remove the drain water to be free from rusting and possible troubles of air tools.



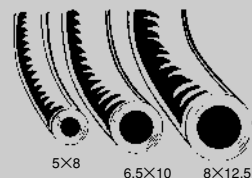
### ●Air couplings

A coupling is used to connect an air hose to the tool or to connect two hoses. Select couplings that ensure good airflow without pressure drops or flow rate loss. Use a hose band or nut to complete connections and prevent loosening between hoses and couplings. Wrap threads with sealing tape. A coupler is a snap-on coupling that allows air passage when the socket and plug are connected. When disconnected, the valve automatically closes whereby stopping airflow.

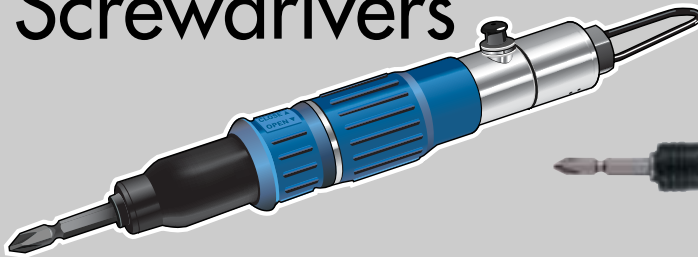


### ●Air hose

Air supply hoses are made of rubber, urethane, nylon and so on. Choose the proper one by pressure resistance, length, and diameter size. Avoid thin / long hose, air pressure at the tool shall be decreased. Use the regulator to adjust the air pressure for tools.



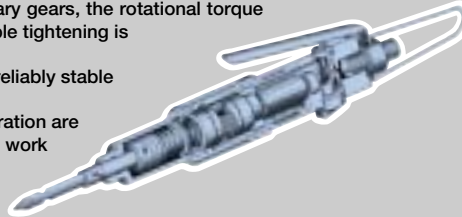
# Air Screwdrivers



## Clutch Type Air Screwdriver

The speed of rotor rotation is reduced by planetary gears, the rotational torque is raised, and a construction able to obtain a stable tightening is produced via engagement of the clutch.

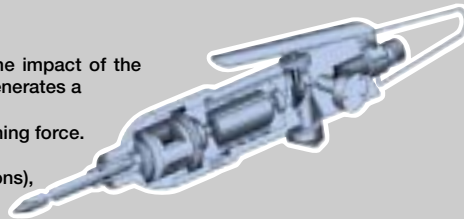
- Dispersion in tightening torque is small, and a reliably stable tightening can be conducted.
- Since percussion action is small, noise and vibration are minimized contribution is made to an improved work environment.
- Since component abrasion is minor, it has superior durability.



## Impact type Air Screwdriver

The hammer which is rotated by the rotor makes use of the impact of the striking on the anvil, and a construction is obtained which generates a powerful tightening force.

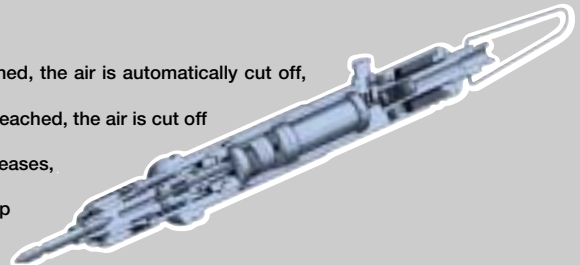
- Compact and lightweight; able to obtain a powerful tightening force.
- Tightening speed is fast, and performance is superior.
- Since this is a double hammer type (1 rotation, 2 percussions), a stable tightening can be conducted.



## Torque Control Type Air Screwdriver

A driver with a construction whereby when the pre-set torque is reached, the air is automatically cut off, and stoppage at a fixed torque occurs.

- Clutch type... A construction whereby when the tightening torque is reached, the air is cut off by the movement of the cam shaft, and operation is suspended.
- Impact type... As the bolt or nut is tightened, its resistance value increases, and the percussion part and rotary part are greatly inverted. This angle of inversion is caught by the clutch, transmitted to the stop valve, and the air is cut off. Furthermore, for purposes of transmission of a stable torque, a torsion bar anvil has been built-in.



### Bit Installation Methods

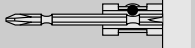
#### Bit-guide spring method

When the guide cover (left screw) is loosened, the bit guide spring can be taken out. Installation is conducted by inserting the guide spring into the bit, and fastening it with the guide bar.



#### Ball retainer method

When the bit is strongly pressed in, the ball fits into the groove of the bit, fixing it in place.

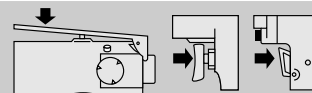


#### Bit Sleeve System (Push ⇄ Pull Type)

The bit is locked in place by moving the bit sleeve so that the bit inserts until stopping and then releasing the sleeve. There are two types: one with which the user pulls the sleeve towards the tool body to mount the bit and the other with which the user pushes the sleeve away from the tool body to mount the bit.

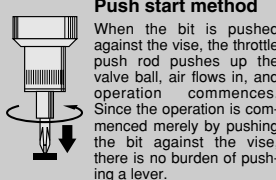


### Startup



#### Starting lever method

When the starting lever is pushed, air passes through the inserted part, and the motor part rotates.



#### Push start method

When the bit is pushed against the vise, the throttle push rod pushes up the valve ball, air flows in, and operation commences. Since the operation is commenced merely by pushing the bit against the vise, there is no burden of pushing a lever.



#### Lever push starting

By pushing throttle lever, installed bit applies into the screw for the air flow to turn.

### Right and left Reverse



#### R/L reverse lever

Switching for crosswise rotation is conducted with the R/L changeover lever (dial). When tightening, the lever (dial) is rotated to the right; when loosening, it is rotated to the left; and then aligned.

#### R/L reverse valve

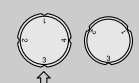
When tightening, the R/L changeover valve will start operations as is. When loosening, the R/L changeover valve is pushed to conduct startup of operations.

### Adjustment of Tightening Torque



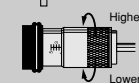
#### Adjust - nut

With regard to the reduced speed type air driver, when the built-in adjust-nut is tightened, adjustment is made to a higher tightening torque; when it is loosened, a weaker tightening torque results.



#### Adjust-dial

In the case where air pressure is too high, one can adjust the air flow rate by turning the adjust-dial by hand, and obtain a torque suited to work operations.



#### Adjust-dial (torque control type)

The torque value is set by rotating the adjust-dial. A higher torque value is obtainable by turning the dial to the right, and a lower torque value, by turning to the left.

Catalogue Signs

Installation bit figure and size

Installation socket figure and size

OP Option

Accessories

Bit (Item No./Size)

Socket (A/Fmm Size)

BPB-3

BPN-2F

Coupling (Item No./Size)

L-type Wrench (A/F mm Size)

Chuck handle

Chuck handle

Spanner (A/F mm Size)

Hose Nipple (Size)

# Air Screwdrivers, Clutch Type

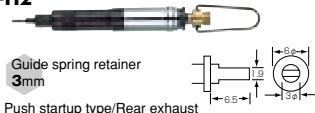
Capacity is listed as instant reference and depends on operation conditions.

## Air Screwdrivers, Clutch Type

For High Performance Fastening

Machine Screw Dia. **1.6~2.3mm** (1/16"~3/32")

### GT-H2

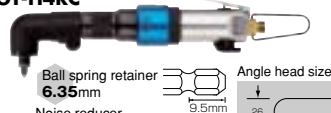


#### Accessories

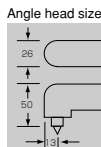


Machine Screw Dia. **2.6~3.5mm** (7/64"~9/64")

### GT-H4RC



#### Accessories



Machine Screw Dia. **3~4mm** (1/8"~5/32")

### GT-H4R



Lever push starting/Noise reducer

OP Anvil for A/F 5 mm bit  
Torque adjusting spring (medium/weak)

#### Accessories



### GT-H4PR



Push startup type/Rear exhaust

OP Torque adjusting spring (medium/weak)

#### Accessories



### GT-PH4

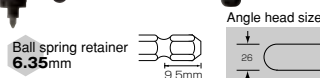


#### Accessories



Machine Screw Dia. **3.5~4.5mm** (9/64"~11/64")

### GT-H5RC



#### Accessories

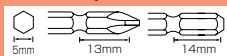


#### Standard Anvil

Unless otherwise, following bit specification should be standardized.



※Optional Anvil : For GT-H4R use.  
Following retainer anvil is available.



Machine Screw Dia. **4~5mm** (5/32"~3/16")

### GT-H5R



Lever push starting

#### Accessories



### GT-H5P

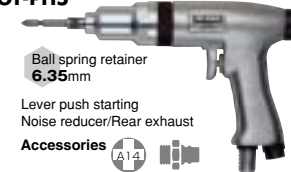


Push startup type/Rear exhaust

#### Accessories



### GT-PH5



#### Accessories



EDP No.	Model No.	Capacity mm				Torque Range N·m	Speed No Load rpm	Air Consumption m³/min	Hose Coupling	Overall Length mm	Weight g
		Standard screw	Tapping screw	Wooden screw	Bolt						
311011	GT-H2	1.6~2.3	—	—	—	0.1-0.4	3,200	0.16	G 1/4	164	267
311036	GT-H4R	3~4	—	1.8~2.4	3~4	1.0-2.2	1,500	0.2	G 1/4	190	590
311046	GT-H4PR	3~4	—	1.8~2.4	3~4	1.0-2.2	1,500	0.19	G 1/4	213	610
311037	GT-PH4	3~4	—	1.8~2.4	3~4	1.0-2.2	1,500	0.19	Rc 1/4	180	770
311034	GT-H4RC	2.6~3.5	—	—	2.6~3.5	0.5-1.8	1,500	0.2	G 1/4	216	735
311066	GT-H5R	4~5	3.5~4	2.7~3.5	4~5	2.0-5.5	1,500	0.25	G 1/4	225	880
311065	GT-H5P	4~5	3.5~4	2.7~3.5	4~5	2.0-5.5	1,500	0.25	G 1/4	235	880
311067	GT-PH5	4~5	3.5~4	2.7~3.5	4~5	2.0-5.5	1,500	0.25	Rc 1/4	200	1,070
311064	GT-H5RC	3.5~4.5	—	—	3.5~4.5	1.0-3.0	1,500	0.25	G 1/4	248	1,047

• Air pressure...0.6 MPa • Air hose bore diameter...6.35 mm • Overall length...Accessory and hanger part not included. • Weight...Accessories not included.

Each manufacturer of air tools lists his own different value of torques according to his own designed torque tester, thus the comparison of such torque value with other manufacture's may not validate on same tested value.

# Air Screwdrivers, Impact Type

Capacity is listed as instant reference and depends on operation conditions.

## Air Screwdrivers, Impact Type

For High Performance Fastening

Machine Screw Dia. 4~5mm (5/32"—3/16")

### GT-S4.5DR



Bit sleeve retainer  
6.35mm

Noise reducer

Accessories



### GT-PLR



Ball spring retainer  
6.35mm

Accessories



### GT-PLP



Ball spring retainer  
6.35mm

Push startup type/Rear exhaust

Accessories



### GT-PLZ



Bit sleeve retainer  
(Pull type) 6.35mm

Noise reducer

Accessories



### GT-P4.5DR (Powerful for reverse turn)



Bit sleeve retainer  
6.35mm

Noise reducer/Rear exhaust

Accessories



### GT-P5LS



Bit sleeve retainer  
(Pull type) 6.35mm

Noise reducer/Rear exhaust

Accessories



### GT-PLRC

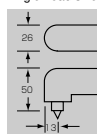


Ball spring retainer  
6.35mm

Accessories

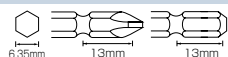


Angle head size



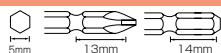
### Standard Anvil

Unless otherwise, following bit specification should be standardized.



### ※Optional Anvil

PLR



PLR  
P6EXD  
PLH II  
S6.5D  
P6.5D



Machine Screw Dia. 5~6mm (3/16"—15/64")

### GT-S6CD

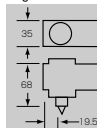


Ball spring retainer  
6.35mm

Accessories



Angle head size



### GT-PLH II



Bit sleeve retainer (Pull type)  
6.35mm

OP Anvil (Bit insertion, push type)  
(Bit insertion length 9 mm)

Accessories



### GT-S6MLR



Bit sleeve retainer (Pull type)  
6.35mm

Accessories



### GT-S6HS



Bit sleeve retainer  
6.35mm

Accessories



EDP No.	Model No.	Capacity mm				Torque Range N·m	Speed No Load rpm	Air Consumption m³/min	Hose Coupling	Overall Length mm	Weight g
		Standard screw	Tapping screw	Wooden screw	Bolt						
311084	GT-S4.5DR	4.0~5.0	3.5~4.0	2.7~3.5	4.0~5.0	3.5 - 6.5	14,000	0.2	G 1/4	180	585
311096	GT-PLR	4.0~5.0	3.5~4.0	2.7~3.5	4.0~5.0	3.0 - 7.0	9,000	0.2	G 1/4	187	830
311095	GT-PLP	4.0~5.0	3.5~4.0	2.7~3.5	4.0~5.0	3.5 - 6.5	9,000	0.2	G 1/4	197	750
311111	GT-PLZ	4.0~5.0	3.5~4.0	2.7~3.5	4.0~5.0	3.0 - 7.0	9,000	0.2	G 1/4	205	950
311088	GT-P4.5DR	4.0~5.0	3.5~4.0	2.7~3.5	4.0~5.0	3.5 - 6.5	14,000	0.2	Rc 1/4	160	715
311099	GT-P5LS	4.0~5.0	3.5~4.0	2.7~3.5	4.0~5.0	3.0 - 7.0	9,000	0.2	Rc 1/4	165	980
311112	GT-PLRC	4.0~5.0	—	—	4.0~5.0	2.0 - 6.0	9,000	0.2	G 1/4	228	1,100
324010	GT-S6CD	5.0~6.0	4.0~4.5	3.6~4.1	5.0~6.0	5.0 - 15.0	7,300	0.35	Rc 1/4	255	1,870
311094	GT-PLH II	5.0~6.0	4.0~4.5	3.6~4.1	5.0~6.0	4.0 - 10.0	8,500	0.3	Rc 1/4	213	925
311106	GT-S6MLR	5.0~6.0	4.0~4.5	3.6~4.1	5.0~6.0	4.5 - 11.0	8,500	0.25	G 1/4	215	1,120
311107	GT-S6HS	5.0~6.0	4.0~4.5	3.6~4.1	5.0~6.0	8.0 - 20.0	10,000	0.3	G 1/4	220	1,100

· Air pressure...0.6 MPa · Air hose bore diameter...6.35 mm · Overall length...Accessories and hanger parts not included. · Weight...Accessories not included.

Each manufacturer of air tools lists his own different value of torques according to his own designed torque tester, thus the comparison of such torque value with other manufacture's may not validate on same tested value.



# Air Screwdrivers, Impact Type

Capacity is listed as instant reference and depends on operation conditions.

## Air Screwdrivers, Impact Type

For High Performance Fastening

Machine Screw Dia. **5~6mm** (3/16"—15/64")

### GT-P6LSⅢ

Bit sleeve retainer  
(Pull type) 6.35mm

Noise reducer/Rear exhaust

OP Anvil (Bit insertion length 9.5mm)  
(Bit insertion, push type)  
Rubber grip

#### Accessories



### GT-P6EXD

Bit sleeve retainer  
6.35mm

Noise reducer/Rear exhaust

OP Anvil  
(Bit insertion length 9.5 mm)

#### Accessories



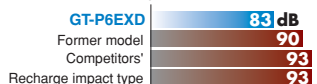
Impact parts oil: (VG-32 Green)  
Rotary parts oil: (VG-10 White)

All optional  
products come with  
a rubber grip.

Two-tiered protector



Noise comparison (measurement 1m)



### GT-P6HS

Bit sleeve retainer  
6.35mm

Noise reducer/Rear exhaust

#### Accessories



### Air Impact Screwdriver for House Building GT-P6EXD (A)

Ideal for easy carry  
with extra space for  
bits and screws.



Consisting of:

- Air impact screwdriver GT-P6EXD ...1 pc.
- Bit assortment
  - Magnetic double end bit M-A14 2x 45H ...2 pcs.
  - 2x 65H ...2 pcs.
  - 2x 110H ...1 pcs.
- Bit holder ...1 pc.
- Plug BPB-2 ...1 pc.
- Impact parts oil : VG-32 (Green) ...1 pc.
- Rotary parts oil : VG-10 (White) ...1 pc.
- Carrying case (355×355×100mm)

Machine Screw Dia. **6~8mm** (15/64"—5/16")

### GT-S6.5D

Bit sleeve retainer  
6.35mm

OP Anvil (Bit insertion length 9.5 mm)

#### Accessories



### GT-P6.5D

Bit sleeve retainer  
6.35mm

OP Anvil  
(bit insertion length 9.5mm)

#### Accessories



Machine Screw Dia. **8~10mm** (5/16"—3/8")

### GT-P8D

Bit sleeve retainer  
8mm

#### Accessories



### GT-P10SⅡ

Bit sleeve retainer  
(Pull type) 8mm

#### Accessories



EDP No.	Model No.	Capacity mm				Torque Range N·m	Speed No Load rpm	Air Consumption m <sup>3</sup> /min	Hose Coupling	Overall Length mm	Weight g
		Standard screw	Tapping screw	Wooden screw	Bolt						
311098	GT-P6LSⅢ	5.0~6.0	4.0~4.5	3.6~4.1	5.0~6.0	4.0 - 10.0	9,000	0.3	Rc 1/4	177	955
311131	GT-P6HS	5.0~6.0	4.0~4.5	3.6~4.1	5.0~6.0	8.0 - 20.0	10,000	0.3	Rc 1/4	180	1,170
311150	GT-P6EXD	5.0~6.0	4.0~4.5	3.6~4.8	5.0~6.0	8.0 - 25.0	8,700	0.55	Rc 1/4	155	1,085
324007	GT-S6.5D	6.0~8.0	4.0~4.5	3.8~4.5	6.0~8.0	8.0 - 25.0	7,500	0.35	Rc 1/4	217	1,300
324034	GT-P6.5D	6.0~8.0	4.0~5.0	3.5~4.5	6.0~8.0	8.0 - 25.0	8,500	0.38	Rc 1/4	152	1,450
324046	GT-P8D	8.0~10.0	5.0~6.0	4.5~6.2	8.0~10.0	10.0 - 60.0	7,500	0.4	Rc 1/4	172	1,930
324060	GT-P10SⅡ	8.0~10.0	5.0~6.0	4.5~6.2	8.0~10.0	30.0 - 100.0	6,500	0.39	Rc 1/4	206	2,460

• Air pressure...0.6 MPa • Air hose bore diameter...6.35 mm • Overall length...Accessories and hanger parts not included. • Weight...Accessories not included.

Each manufacturer of air tools lists his own different value of torques according to his own designed torque tester, thus the comparison of such torque value with other manufacture's may not validate on same tested value.

# Torque Control Air Screwdrivers

Capacity and working torque are listed as instant reference and depends of operation conditions.

## Torque Control Air Screwdrivers, Reduced Type Automatic Suspensions By Torque Set Up

### Machine Screw Dia. 2~2.5mm

#### GT-S4TFG



Ball spring retainer  
**5mm**

Push startup/Noise reducer/Rear exhaust

**OP** Torque Spring  
Anvil for A/F 6.35 mm bit

Accessories  $\phi 2 \times 70H$

#### GT-S4TG



Ball spring retainer  
**6.35mm**

Push startup/Noise reducer/Rear exhaust

**OP** Anvil (Bit insertion length 9.5 mm)  
(Bit insertion A/F 5 mm)  
Air Hose Coupling (1/8"), Torque spring

Accessories  $\phi 2 \times 65G$  BPB-2

### Machine Screw Dia. 2.2~3mm (5/64"—1/8")

#### GT-S4TFS



Ball spring retainer  
**5mm**

Push startup/Noise reducer/Rear exhaust

**OP** Torque Spring  
Anvil (Bit insertion A/F 6.35 mm)

Accessories  $\phi 2 \times 70H$

#### GT-S4TS



Ball spring retainer  
**6.35mm**

Push startup/Noise reducer/Rear exhaust

**OP** Anvil (Bit insertion length 9.5 mm)  
(Bit insertion A/F 5 mm)  
Air Hose Coupling (1/8"), Torque spring

Accessories  $\phi 2 \times 65G$  BPB-2

### Machine Screw Dia. 3~4mm (5/64"—5/32")

#### GT-S4TFR



Ball spring retainer  
**5mm**

Push startup/Noise reducer/Rear exhaust

**OP** Torque Spring  
Anvil (Bit insertion A/F 6.35 mm)

Accessories  $\phi 2 \times 70H$

#### GT-S4TR



Ball spring retainer  
**6.35mm**

Push startup/Noise reducer/Rear exhaust

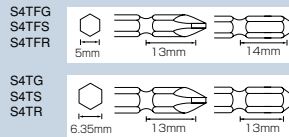
**OP** Anvil (Bit insertion length 9.5 mm)  
(Bit insertion A/F 5 mm)  
Air Hose Coupling (1/8"), Torque spring

Accessories  $\phi 2 \times 65G$  BPB-2

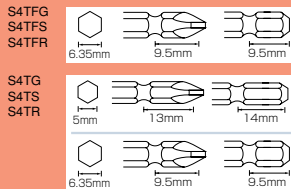
### How to Set Torque

- **S4TF Series:** Detach the clutch cover and turn the adjusting nut. Prevents the set torque from changing by accident upon impact, etc.
- **S4T Series:** Can be speedily adjusted from the adjusting dial. Makes work efficient when changing workpieces, etc.

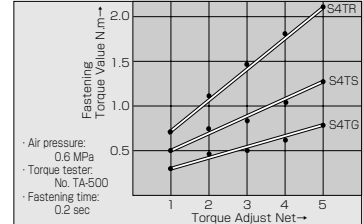
#### Standard Anvil



#### ※ Optional Anvil



#### Actual torque range (Reference)



※ Remarks: Working torque values tested depends on the screw / bolt / nut used and produce some different figures as the result of the torque scale got reached.

EDP No.	Model No.	Capacity mm Standard screw	Torque Range N·m	Speed No Load rpm	Air Consumption m <sup>3</sup> /min	Hose Coupling	Overall Length mm	Weight g
311206	<b>GT-S4TFG</b>	2.0~2.5	0.3~0.8	2,300	0.28	Rc 1/8	215	565
311205	<b>GT-S4TFS</b>	2.2~3.0	0.5~1.3	1,700	0.28	Rc 1/8	215	555
311204	<b>GT-S4TFR</b>	3.0~4.0	0.7~2.0	1,100	0.28	Rc 1/8	215	565
311203	<b>GT-S4TG</b>	2.0~2.5	0.3~0.8	2,300	0.28	Rc 1/4	215	650
311202	<b>GT-S4TS</b>	2.2~3.0	0.5~1.3	1,700	0.28	Rc 1/4	215	640
311201	<b>GT-S4TR</b>	3.0~4.0	0.7~2.0	1,100	0.28	Rc 1/4	215	650

• Air pressure...0.6 MPa • Air hose bore diameter...6.35 mm • Overall length...Accessories and hanger parts not included. • Weight...Accessories not included.

Each manufacturer of air tools lists his own different value of torques according to his own designed torque tester, thus the comparison of such torque value with other manufacture's may not validate on same tested value.

### GT-S4T series Torque Spring Change

GT-S4T series are easy to adjust torque range only by replacing optional torque spring. Torque value of screw fastening should be in the center of the torque range when adjusted. (see right) Also we will recommend you to choose larger free speed when faster fastening is necessary.

Capacity Range	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	Unit : N · m
<b>GT-S4TFR</b> Free load rpm 1,100rpm																				
<b>GT-S4TR</b>																				
<b>GT-S4TFS</b> Free load rpm 1,700rpm																				
<b>GT-S4TS</b>																				
<b>GT-S4TFG</b> Free load rpm 2,300rpm																				
<b>GT-S4TG</b>																				



# Torque Control Air Impact Wrenches and Torque Testers

Capacity and working torque are listed as instant reference and depends of operation conditions.

## Air Impact Wrenches, Torque Control Type

### Automatic Suspensions By Torque Set Up

Machine Bolt Dia. **6~8mm** (15/64"—5/16")

**GT-P6T**



Square drive size  
**9.5mm**  
(Pin-lock)

Accessories ③ ④  
BPB-2

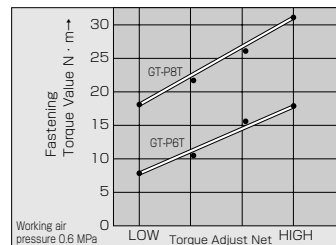
Machine Bolt Dia. **8~10mm** (15/16"—3/8")

**GT-P8T**



Square drive size  
**12.7mm**  
(Pin-lock)

Accessories ③ ④  
BPB-2



※ The figure is upon our standard torque tester.  
It is depending upon screws, bolts, nuts,  
material differences.

EDP No.	Model No.	Capacity mm Standard screw	Torque Range N · m	Speed No Load rpm	Air Consumption m³/min	Hose Coupling	Air Hose Inner Diameter mm	Overall Length mm	Weight kg
324003	<b>GT-P6T</b>	6~8	7.8~17.6	3,000	0.27	Rc 1/4	6.35	246	1.5
324005	<b>GT-P8T</b>	8~10	17.6~31.4	2,500	0.31	Rc 1/4	6.35	266	2.2

• Air pressure...0.6MPa • Overall length...Accessories not included. • Weight...Accessories not included.

Each manufacturer of air tools lists his own different value of torques according to his own designed torque tester, thus the comparison of such torque value with other manufacture's may not validate on same tested value.

## Digital Torque Tester

### Torque control for fastening tools

Effective for controlling fastening tool output and checking torque wrench accuracy. Use when impact tool measurement is within 70% of appropriate measurement range.



- Large digital display. Settable time-out timer (0.1 ~ 9.9 sec).
- Separate pickup and amp, therefore instrument deterioration is minimized.
- Can measure both clockwise and counterclockwise rotation. Accurate to  $\pm 0.5\%$  (Static load).
- Applicable for Air Screwdriver, Air Impact Wrench, Oil Pulse Wrench, Torque Ratchet Wrench, etc.

Model No.	Model No.	Appropriate Measurement Range N · m	Smallest Scale Increment N · cm	Static Load Accuracy: Within $\pm 0.5\%$ N · m	Power Supply	Standard Accessories
660000-101	<b>TA-500</b>	4.9~ 49	1.96	4.9~ 49 $\pm 2.6$	AC100V~240V $\pm 10\%$ 50/60 Hz · 15W	Pickup cable ... 1
660000-102	<b>TA-1000</b>	19.6~ 98	9.8	9.8~ 98 $\pm 5$		Pickup cable ... 1 3/8 sq x 1/2 sq adapter ... 1
660000-103	<b>TA-2000</b>	49~ 196	9.8	19.6~196 $\pm 10$		Pickup cable ... 1 3/8 sq x 1/2 sq adapter ... 1
660000-104	<b>TA-5000</b>	98~ 490	18.6	49~490 $\pm 26$		Pickup cable ... 1 1/2 sq x 3/4 sq adapter ... 1 5/8 x 3/4 sq adapter ... 1

Options: Printer parallel output (Centronics compliant), analog output (waveform monitoring terminal), pulse counter



# Torque Stabilizer TORQPRO

**TORQPRO**

PAT.P.

**Torque Stabilizer with Combination of Air Flow and Time Control to Turning Tools**

Machine Screw Dia. For 3~16mm (1/8"~5/8") Size Tools

Capacity is listed as instant reference and depends on operation conditions.

## AT-03

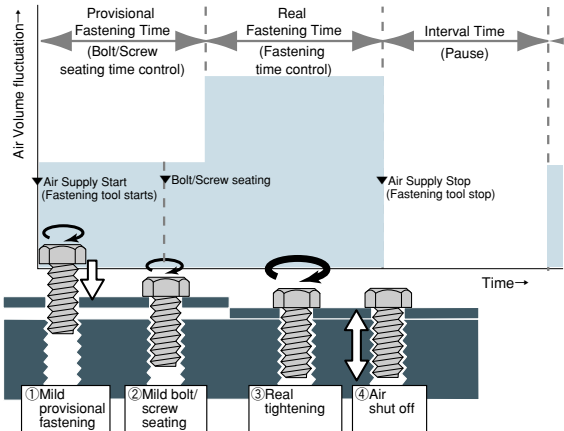


TORQPRO turns the tool at low speed in prefastening with screws and bolts, and switches to high speed rotation to lock down the screw or bolt. Because control minimizes the effects of the tool's inertial moment, torque is stably managed.

- By just connecting this with presently use air tools and oil pulse tools, incomparably stable fastening torque can be secured.
- High accurate torque control can be come true by original screw seating.
- Easy operation to settle torque.
- Compact design.

※ Use with the adapter connected.

## Torque Pro air flowrate and screw tightening



EDP No.	Model No.	W × H × D mm	Weight kg	Input Voltage	Current (Max.) mA	Use Air Pressure MPa	Use Temperatures °C	Air Hose Inner Diameter mm
660001	AT-03	85×225×50	1.7	DC12V	125	0.5~0.6	3~40	6.35

Separately sold adapter specs EDP No. 660021 AC-01 Input AC100V 50/60Hz Output DC12V

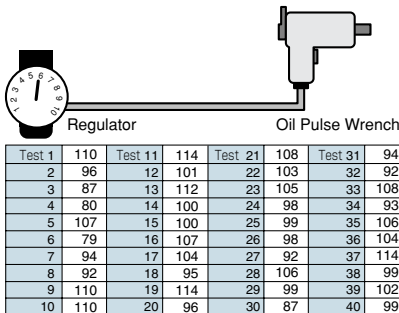
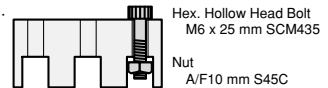
## Comparative test

### Fastening torque examination

Comparison of torque inconsistency in screw fastening via TORQPRO and fastening by experience.

- Tool ... Oil pulse wrenches 6~8mm type
- Air pressure ... 0.6MPa
- Torque calibration device ... PROTO Torque

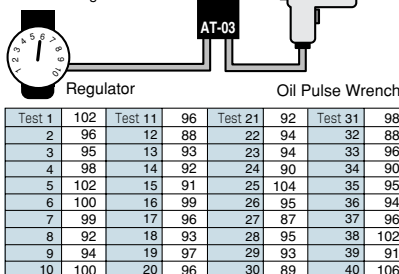
- Fastening object...



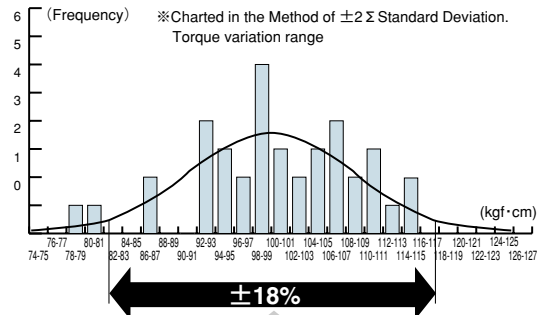
※ Test Repeat 40 Times Mean Number Value: 100 Standard Deviation: 8.71

### Time Settings

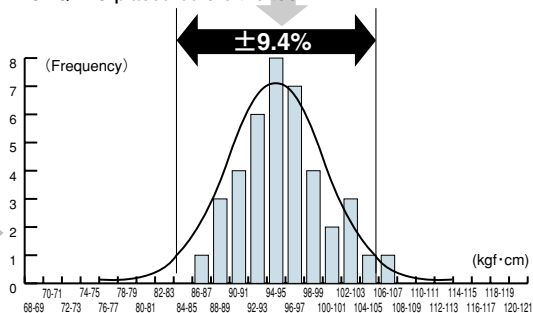
Provisional fastening 0.5 sec.  
Real fastening 0.5 sec.



※ Test Repeat 40 Times Mean Number Value: 95 Standard Deviation: 4.48



**Special Remarks:** The data produced  $\pm 18\%$  fluctuation of the value by manual fastening can be compared to  $\pm 9.4\%$  with TORQPRO placed before the tool.



OPTION: Digital displayed torque tester for air tool output torque management is also available. See page 9.

⚠ CAUTION...Please be sure to read through "For the safety use of the tools" on page 1-2 of this catalog.

# Air Impact Wrenches

## Impact Type

### Innovative "V" Hammer

Made powerful fastening possible with this power-thrust mechanism. Compact sized motor transmits High Torque to the anvil. Each part newly designed contributes to the total lighter weight for less fatigue of the operation.

### Impact Type Single Hammer

A construction whereby 1 rotation of the rotor causes the hammer to inflict 1 blow on the anvil. Due to this 1 rotation, 1 percussion system, a strong tightening is obtainable.

### Impact Type Double Hammer

A construction whereby 1 rotation of the rotor causes the hammer to inflict 2 blows on the anvil. Due to this 1 rotation, 2 percussions system, a stable tightening is obtainable. Compact and lightweight, this model exhibits great durability, small reaction in proportion to output, and a fast tightening speed. It is also a low vibration low noise type.

### Pin Clutch Hammer

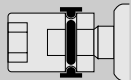
A mechanism whereby 2-pin-clutch hammers simultaneously strike the anvil. Vibration is small, and a powerful tightening force is obtainable. A built-in twin adjustment mechanism is provided, changeover to crosswise rotation is simple and the labor of power adjustment can be omitted.

### Torque Control Type

An impact wrench with a construction whereby when the preset torque is reached, the air is automatically cut off, and stoppage at a fixed torque occurs. As the bolt or nut is tightened, its resistance value increases, and the percussion part and rotary part are greatly inverted. This angle of inversion is caught by the clutch, transmitted to the stop valve, and the air is cut off. Furthermore, for purposes of transmission of a stable torque, a torsion bar anvil has been built-in.

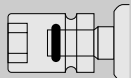


## 1.Socket Installation Methods



### Pin-lock method

The pin holes of the anvil and socket are aligned, the pin is inserted, the O-ring is fit into the groove, and fastening is completed. Since the fastening is secure, this is ideal for work involving use over long periods.

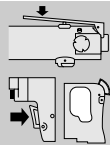


### Retainer ring method

When the socket is pushed into the anvil, the retainer ring secures the socket. The pin holes which can be used for the pin-lock method are open.

\*Do not attempt to idle the tool with the socket installed.

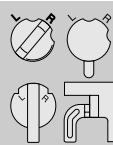
## 2.Startup



### Starting lever

When the starting lever is pushed (pulled), air passes through the inserted part, and operation commences. The lever is set in an easy-to-use position and form corresponding to the respective work contents and conditions.

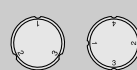
## 3.Right and Left Reverse



### R/L reverse lever

Changeover for R/L rotation is conducted by the R/L reverse lever (dial). When tightening, the R/L reverse lever (dial) is rotated to the right; when loosening, it is rotated to the left; and then aligned.

## 4.Tightening Torque Adjustment



### Adjust-dial

In case where air pressure is too high, the air flow rate is simply changed merely by turning the adjust-dial (3 stages to 4 stages) and adjusting to a torque suited to the work.

## Air Impact Wrenches Model Selection Chart (For reference)

Screw diameter Strength category	M8	M10	M12	M14	M16	M18	M20	M22	M24	M27	M30	M33	M36	M39	M42	M45	M48	M52
3.6	800	800 1000	1000 1400	1400	1600	1600 2000	2000	2000	3800 S20RW	3800	3800	3800 32RW	3800	4200 4800	4200 4800	S55R	S55R	S55R
4.6	800	1000	1000 1400	1400 1600	1600	1600 2000	2000	2500	3800 220W	3800	3800	3800	4200 4800	4200 4800	S55R	S55R		
4.8	800	1000	1400 1600	1400 1600	1600 2000	2000	2000	2500	3800	3800	3800	3800	4200 4800 S55R	S55R	S55R			
5.6	800 1000	1000	1400 1600	1400 1600	1600 2000	2000	2000	2500 S20RW	3800	3800	3800	3800	4200 4800	S55R	S55R			
5.8	800 1000	1000 1400	1400 1600	1400 1600	1600 2000	2000	2000 2500	2500 220W	3800	3800	3800 32RW	4200 4800	S55R					
6.8	800 1000	1000 1400	1400 1600	1600	2000	2000 2500	2000 2500	2500 3800	3800	3800 32RW	3800 4200	S55R	S55R					
8.8	1000 1400	1000 1400	1400 2000	1600 2000	2000	2000 2500	2500 S20RW	2500 3800	3800	3800 4200	4200 4800 S55R	S55R						
10.9	1000 1400	1400 1600	1600 2000	2000	2000 2500	2500 S20RW	2500 220W	3800 32RW	3800 4200	S55R	S55R							
12.9	1000 1400	1400 1600	1600 2000	2000	2000 2500 S20RW	2500 220W	3800	3800 4200 4800	S55R									

**800** GT-S650 / P611 / S600C

**1000** GT-P811

**1400** GT-1400P / P12

**1600** GT-1600VPX / 1600VPH / 1600VPHL / 1600VP / 1600VPL / 1600P / P14J / P14JL / 1600PL / 1700BX

**2000** GT-2000PF / 2000P / P18J / 2000PL / P18J

**2500** GT-2500LF / 2500PF

**3800** GT-3900VP / 3900V / 3900VL / 3800P / 3800LX / 3800PX

**4200** GT-4200PF / 4200LF / 4200 / 4200L / 4200P / S45R / P32J

**4800** GT-4800VL

**S55R** GT-S55R

# Air Impact Wrenches, Super Light "V" Hammers

Capacity and working torque are listed as instant reference and depends on operation conditions.

## Air Impact Wrenches, Impact Type "V" Hammer Super Lightweight Series

Lightweight Working, Priority No.1

### Compact and Super Lightweight for Easy/ Thrifty Maintenance

This unique "V" mechanism produces high efficiency of Torque increase and made each part lighter and compact possible. Ideal for easy operating with less fatigue and even saves storage space. Have tackled the tough problem of this maintenance and successfully designed mechanism unit and also each part to be replaced as in the same manner to regular impact wrench model.

#### Machine Bolt Dia. 16mm (5/8")

##### GT-1600VPX



Square drive size  
**12.7mm**  
(Retainer ring)  
Rear exhaust  
Accessories



##### GT-1600VP



Square drive size  
**12.7mm**  
(Retainer ring)  
Rear exhaust  
Accessories



##### GT-1600VPL



Square drive size  
**12.7mm**  
(Retainer ring)  
Rear exhaust  
Accessories



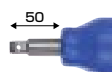
##### GT-1600VPH



Square drive size  
**12.7mm**  
(Retainer ring)  
Rear exhaust  
Oil-less type  
Accessories



##### GT-1600VPHL



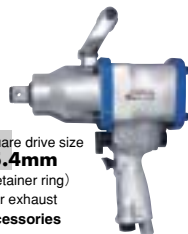
Square drive size  
**12.7mm**  
(Retainer ring)  
Rear exhaust  
Oil-less type  
Accessories



\*Oil-less type: Can be used without lubrication. Does not generate oil mist.

#### Machine Bolt Dia. 39mm (1 9/16")

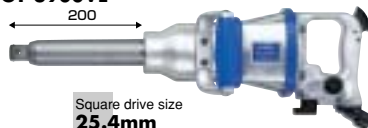
##### GT-3900VP



Square drive size  
**25.4mm**  
(Retainer ring)  
Rear exhaust  
Accessories



##### GT-3900VL



Square drive size  
**25.4mm**  
(Retainer ring)  
Accessories



##### GT-3900V

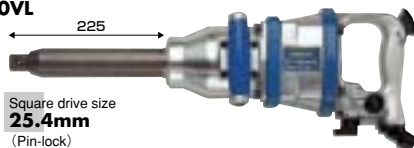


Square drive size  
**25.4mm**  
(Retainer ring)  
Accessories



#### Machine Bolt Dia. 48mm (1 7/8")

##### GT-4800VL



Square drive size  
**25.4mm**  
(Pin-lock)  
Accessories



EDP No.	Model No.	Capacity mm Standard bolt diameter	Torque Range (Reference) N·m	Max. Torque N·m	No Load Speed rpm	Air Consumption m³/min	Hose Coupling	Air Hose Inner Dia. mm	Overall length mm	Weight kg
336013	GT-1600VPX	16	49~240.3	290	8,200	0.4	Rc 1/4	6.35	169	1.48
336010	GT-1600VP	16	49~240.3	304	8,500	0.4	Rc 1/4	6.35	171	1.91
336016	GT-1600VPL	16	49~245.2	304	8,500	0.4	Rc 1/4	6.35	199	1.95
336012	GT-1600VPH	16	49~234.6	285.5	8,200	0.4	Rc 1/4	6.35	174.5	1.75
336017	GT-1600VPHL	16	49~234.6	285.5	8,200	0.4	Rc 1/4	6.35	202.5	1.8
336113	GT-3900V	39	343~1680	1995	4,200	0.7	Rc 1/2	12.7	358.6	8.2
336118	GT-3900VP	39	343~1680	1995	4,200	0.7	Rc 3/8	12.7	268	7.95
336117	GT-3900VL	39	343~1680	1995	4,200	0.7	Rc 1/2	12.7	524	8.95
336121	GT-4800VL	48	490~2010	2500	3,200	1.0	Rc 1/2	12.7	559	12.8

• Air pressure: ~0.6-0.8 MPa / 90 psi • Overall length: ~Accessories not included. • Weight: ~Accessories not included.

Each manufacturer of air tools lists his own different value of torques according to his own designed torque tester, thus the comparison of such torque value with other manufacture's may not validate on same tested value.

# Air Impact Wrenches, Lightweight F Hammers

Capacity and working torque are listed as instant reference and depends on operation conditions.

## Air Impact Wrenches, Lightweight Series

(Well Balanced for Power Wrenching)

### Machine Bolt Dia. 20mm (25/32")

#### GT-2000PF

Square drive size  
**19mm**  
(Retainer ring)  
Rear exhaust/Noise reducer

#### Accessories



### Machine Bolt Dia. 25mm (31/32")

#### GT-2500PF

Square drive size  
**19mm**  
(Retainer ring)  
Rear exhaust/Noise reducer

#### Accessories



#### GT-2500LF

178

Square drive size  
**19mm**  
(Retainer ring)

#### Accessories



### Machine Bolt Dia. 39mm (1 9/16")

#### GT-3800PF

Square drive size  
**25.4mm**  
(Pin-lock)

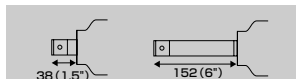
#### Accessories



#### GT-3800LX

203 (8")

Square drive size  
**25.4mm**  
(Retainer ring)  
Noise reducer  
Accessories



Tilt-Angled Throttled Grip Handle

### Machine Bolt Dia. 39mm (1 9/16")

#### GT-3800PX

Square drive size  
**25.4mm**  
(Retainer ring)  
Rear exhaust  
Noise reducer

#### Accessories



### Machine Bolt Dia. 42mm (1 21/32")

#### GT-4200PF

Square drive size  
**25.4mm**  
(Pin-lock)

#### Accessories

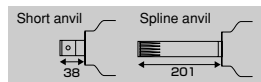


#### GT-4200LF

201

Square drive size  
**25.4mm**  
(Pin-lock)

#### Accessories



### Machine Bolt Dia. 45mm (1 21/32")

#### GT-S45R

228

Square drive size  
**25.4mm**  
(Pin-lock)

#### Accessories



### Machine Bolt Dia. 52mm (2 3/64")

#### GT-S55R

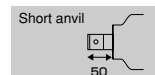
225

Square drive size  
**25.4mm**  
(Pin-lock)  
Noise reducer

#### Accessories



Most Powerful.  
Ideal for Construction.



EDP No.	Model No.	Capacity mm Standard bolt diameter	Torque Range (Reference) N·m	Max. Torque N·m	Speed No Load rpm	Air Consumption m³/min	Hose Coupling	Air Hose Inner Dia. mm	Overall length mm	Weight kg
331298	GT-2000PF	20	147~ 460.9	568	5,500	0.43	Rc 1/4	9.5	210	3.5
335326	GT-2500PF	25	245~ 961	1157	3,200	0.6	Rc 3/8	9.5	242	6.2
335321	GT-2500LF	25	245~ 961	1157	4,400	0.7	Rc 3/8	9.5	478	7.3
335372	GT-3800LX	39	353~ 1607	1895	4,100	0.7	Rc 1/2	12.7	520	9.8
335389	GT-3800PX	39	1607	1895	4,100	0.7	NPT 1/2	12.7	269.5	8.9
335388	GT-4200PF	42	490~ 1765	2157	2,500	1.0	Rc 3/8	12.7	297	11.5
335385	GT-4200LF	42	490~ 1765	2157	3,200	1.0	Rc 1/2	12.7	547	13.3
338502	GT-S45R	27~42	490~ 1765	2157	3,200	1.0	Rc 1/2	12.7	593	15.9
335391	GT-S55R	52	490~ 2450	3000	2,800	1.2	Rc 1/2	12.7	610	17.0

• Air pressure...0.6 MPa / 90 psi • Overall length...Accessories not included. • Weight...Accessories not included.

Each manufacturer of air tools lists his own different value of torques according to his own designed torque tester, thus the comparison of such torque value with other manufacture's may not validate on same tested value.



# Air Impact Wrenches, Single Hammers

Capacity and working torque are listed as instant reference and depends on operation conditions.

## Air Impact Wrenches/Impact Type:Single Hammer

Traditional High Quality

### Machine Bolt Dia. 6~8mm (15/64"~5/16")

#### GT-S650



Square drive size  
**9.5mm**  
(Retainer ring)

#### Accessories



#### GT-P6 II / GT-P6 II Z (with noise reducer) GT-S600C



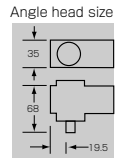
Square drive size  
**9.5mm**  
(Retainer ring)

#### Accessories



Square drive size  
**9.5mm**  
(Pin-lock)

#### Accessories



### Machine Bolt Dia. 8~10mm (5/16"~3/8")

#### GT-P8 II / GT-P8 II Z (with noise reducer)



Square drive size  
**12.7mm**  
(Retainer ring)

#### Accessories



### Machine Bolt Dia. 14mm (9/16")

#### GT-P12 / GT-P12Z (with noise reducer)



Square drive size  
**12.7mm**  
(Retainer ring)

#### Accessories



### Machine Bolt Dia. 16mm (5/8")

#### GT-P14J / GT-P14JZ (with noise reducer)



Square drive size  
**12.7mm**  
(Retainer ring)

#### Accessories



#### GT-P14JL



Square drive size  
**12.7mm**  
(Retainer ring)

#### Accessories



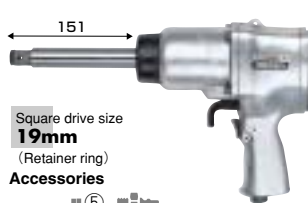
### Machine Bolt Dia. 20mm (25/32")

#### GT-P18J/GT-P18JZ (with noise reducer) GT-P18JL



Square drive size  
**19mm**  
(Retainer ring)

#### Accessories



Square drive size  
**19mm**  
(Retainer ring)

#### Accessories



### Machine Bolt Dia. 32mm (1 1/4")

#### GT-P32J



Square drive size  
**25.4mm**  
(Pin-lock)

#### Accessories



EDP No.	Model No.	Capacity mm Standard bolt diameter	Torque Range (Reference) N·m	Max. Torque N·m	Speed No Load rpm	Air Consumption m³/min	Hose Coupling	Air Hose Inner Dia. mm	Overall length mm	Weight kg
331221	GT-S650	6~8	4.9~68.6	98	7,500	0.35	Rc 1/4	6.35	210	1.3
331234	GT-P6 II	6~8	4.9~68.6	98	8,500	0.38	Rc 1/4	6.35	146	1.43
335334	GT-P6 II Z	6~8	2.94~39.2	58.8	(Z) 7,300	0.35	Rc 1/4	6.35	255	1.87
331226	GT-S600C	8~10	14.7~137.3	196	7,300	0.4	Rc 1/4	6.35	166	1.89
331244	GT-P8 II	12~14	39.2~225.6	264.8	(Z) 7,200	0.4	Rc 1/4	6.35	185	2.3
335244	GT-P8 II Z	14~16	49~274.6	343	(Z) 6,300	0.42	Rc 1/4	6.35	197	2.95
331262	GT-P12	14~16	49~274.6	343	7,500	0.42	Rc 1/4	6.35	226	3.0
335262	GT-P12Z	16~20	147~460.9	568	(Z) 7,300	0.52	Rc 1/4	9.5	240	4.2
331272	GT-P14J	16~20	147~441.3	568	8,500	0.52	Rc 1/4	9.5	353	4.7
335272	GT-P14JZ	39	343~1569	1863	(Z) 4,800	0.8	Rc 3/8	12.7	264	11.2
331276	GT-P14JL				6,500					
331292	GT-P18J				5,000					
335292	GT-P18JZ				(Z) 4,800					
331296	GT-P18JL				4,700					
335181	GT-P32J				3,700					

• Air pressure: 0.6 MPa / 90 psi • Overall length: Accessories not included. • Weight: Accessories not included.

Each manufacturer of air tools lists his own different value of torques according to his own designed torque tester, thus the comparison of such torque value with other manufacture's may not validate on same tested value.

# Air Impact Wrenches, Economy Single Hammers

Capacity and working torque are listed as instant reference and depends on operation conditions.

## Air Impact Wrenches, Single Hammer (Economy Series)

Compact Designed for Garage Works

Machine Bolt Dia. **14mm** (9/16")

**GT-1400P**

Square drive size  
**12.7mm**  
(Retainer ring)

Accessories



Machine Bolt Dia. **16mm** (5/8")

**GT-1600P**

Square drive size  
**12.7mm**  
(Retainer ring)

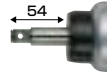
Accessories



**GT-1600PL**

Square drive size  
**12.7mm**  
(Retainer ring)

Accessories

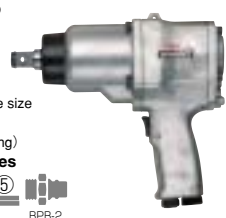


Machine Bolt Dia. **20mm** (25/32")

**GT-2000P**

Square drive size  
**19mm**  
(Retainer ring)

Accessories



**GT-2000PL**

Square drive size  
**19mm**  
(Retainer ring)

Accessories

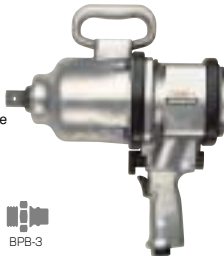


Machine Bolt Dia. **42mm** (1 21/32")

**GT-4200P**

Square drive size  
**25.4mm**  
(Pin-lock)

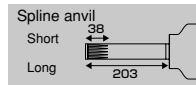
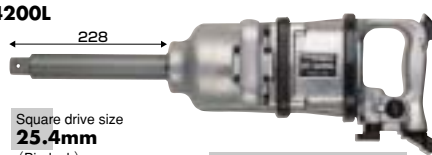
Accessories



**GT-4200L**

Square drive size  
**25.4mm**  
(Pin-lock)

Accessories



**GT-4200**

Square drive size  
**25.4mm**  
(Pin-lock)

Accessories



## Air Impact Wrenche/Pin Clutch Hammer

Machine Bolt Dia. **16mm** (5/8")

**GT-1600EP II**

Square drive size  
**12.7mm**  
(Retainer ring)  
Rear exhaust

Accessories



## Air Impact Wrenche/Twin Hammer

Machine Bolt Dia. **16mm** (5/8")

**GT-1700BX**

Square drive size  
**12.7mm**  
(Retainer ring)  
Rear exhaust  
Noise reducer

Accessories



EDP No.	Model No.	Capacity mm Standard bolt diameter	Torque Range (Reference) N·m	Max. Torque N·m	Speed No Load rpm	Air Consumption m³/min	Hose Coupling	Air Hose Inner Dia. mm	Overall length mm	Weight kg
331265	<b>GT-1400P</b>	12~14	39.2~225.6	264.8	7,000	0.35	Rc 1/4	6.35	182	2.25
331275	<b>GT-1600P</b>	14~16	49~264.8	313.8	6,700	0.36	Rc 1/4	6.35	196	2.7
331277	<b>GT-1600PL</b>	14~16	49~264.8	313.8	6,700	0.36	Rc 1/4	6.35	224	2.8
331295	<b>GT-2000P</b>	16~20	147~460.9	568	5,000	0.45	Rc 1/4	9.5	241	4.3
331297	<b>GT-2000PL</b>	16~20	147~441.3	568	5,000	0.45	Rc 1/4	9.5	354	4.7
331335	<b>GT-4200P</b>	27~42	490~1765	2157	2,500	1.0	Rc 3/8	12.7	315	14.2
335378	<b>GT-4200L</b>	27~42	490~1765	2157	3,200	1.0	Rc 1/2	12.7	593	15.9
335377	<b>GT-4200</b>	27~42	490~1765	2157	3,200	1.0	Rc 1/2	12.7	403	14.9
331281	<b>GT-1600EP II</b>	16	40~245.2	304	5,800	0.45	Rc 1/4	6.35	197	2.7
331284	<b>GT-1700BX</b>	16	Forward 480 Reverse 540	Forward 800 Reverse 950	Forward 7,000 Reverse 8,000	0.9	Rc 1/4	6.4	192	2.2

• Air pressure...0.6 MPa / 90 psi • Overall length...Accessories not included. • Weight...Accessories not included.

Each manufacturer of air tools lists his own different value of torques according to his own designed torque tester, thus the comparison of such torque value with other manufacture's may not validate on same tested value.

# Air Impact Wrenches, Double Hammer

Capacity and working torque are listed as instant reference and depends on operation conditions.

## Air Impact Wrenches / Impact Type : Double Hammer

For Stable Industrial Fastening

Machine Bolt Dia. 4~5mm (5/32"—3/16")

GT-PLRB



Square drive size  
**8mm**  
(Pin-lock)

Accessories  
⑧  
BPN-2F

Machine Bolt Dia. 5~6mm (3/16"—15/64")

GT-S6MLRB



Square drive size  
**9.5mm**  
(Pin-lock)

Accessories  
⑩  
BPN-2F

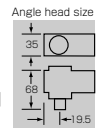
Machine Bolt Dia. 6~8mm (15/64"—5/16")

GT-S60CW



Square drive size  
**9.5mm**  
(Pin-lock)

Accessories  
⑩ ④  
BPN-2



Machine Bolt Dia. 6~8mm (15/64"—5/16")

GT-S65W

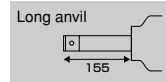


Square drive size  
**9.5mm**  
(Pin-lock)

Accessories

⑩ ④  
BPN-2

Available for both GT-S65W and GT-P65W



GT-P65W



Square drive size  
**9.5mm**  
(Pin-lock)

Accessories

⑩ ④  
BPN-2

GT-S70WK



Square drive size  
**9.5mm**  
(Pin-lock)

Accessories

④  
BPN-2

Rear exhaust/Noise reducer

Machine Bolt Dia. 8~10mm (5/16"—3/8")

GT-P80W



Square drive size  
**12.7mm**  
(Pin-lock)

Accessories

⑭ ④  
BPN-2

Machine Bolt Dia. 10~12mm (3/8"—15/32")

GT-W100P II



Square drive size  
**12.7mm**  
(Pin-lock)

Accessories

⑰ ④  
BPN-2

Machine Bolt Dia. 12~16mm (15/32"—5/8")

GT-P14W



Square drive size  
**12.7mm**  
(Pin-lock)

Accessories

②② ⑤  
BPN-2

"Orange Boy Series"  
Exclusively for  
Concrete moulding



Machine Bolt Dia. 20mm (25/32")

GT-S20RW



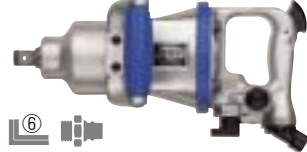
Square drive size  
**19mm**  
(Pin-lock)

Accessories

⑤  
BPN-3

Machine Bolt Dia. 22mm (7/8")

GT-S220W



Square drive size  
**19mm**  
(Retainer ring)

Accessories

⑤ ⑥  
BPN-3

Machine Bolt Dia. 32mm (1 1/4")

GT-S32RW



Square drive size  
**25.4mm**  
(Pin-lock)

Accessories

⑤ ⑥  
BPN-4

\*Inside throttle lever available for GS-S20RW/S32RW.

EDP No.	Model No.	Capacity mm Standard bolt diameter	Torque Range Reference N·m	Max. Torque N·m	Speed No Load rpm	Air Consumption m³/min	Hose Coupling	Air Hose Inner Dia. mm	Overall length mm	Weight kg
311093	GT-PLRB	4~5	5~14	17.5	9,000	0.2	G 1/4	6.35	180	0.83
311103	GT-S6MLRB	5~6	10~39	45	8,500	0.25	G 1/4	6.35	200	1.1
324201	GT-S65W	6~8	4.9~68.6	98	7,500	0.35	Rc 1/4	6.35	210	1.3
324017	GT-S70WK	6~8	9.8~98	147	7,000	0.39	Rc 1/4	6.35	231	1.3
324202	GT-P65W	6~8	4.9~68.6	98	8,500	0.38	Rc 1/4	6.35	146	1.43
324203	GT-S60CW	6~8	2.94~39.2	58.8	7,300	0.35	Rc 1/4	6.35	255	1.87
324204	GT-P80W	8~10	14.7~137.3	198	7,500	0.4	Rc 1/4	6.35	164	1.89
324062	GT-W100P II	10~12	29.4~166.7	255	6,200	0.39	Rc 1/4	6.35	196	2.42
324073	GT-P14W	12~16	98~382.5	539	6,400	0.47	Rc 1/4	9.5	200	3.2
324080	GT-S20RW	20	230~610	854	4,800	0.9	Rc 3/8	9.5	300	5.4
324081	GT-S220W	22	196~843.4	1108	4,400	0.7	Rc 3/8	9.5	334	6.85
324088	GT-S32RW	33	500~1300	1755	3,600	1.0	Rc 1/2	12.7	380	12.2

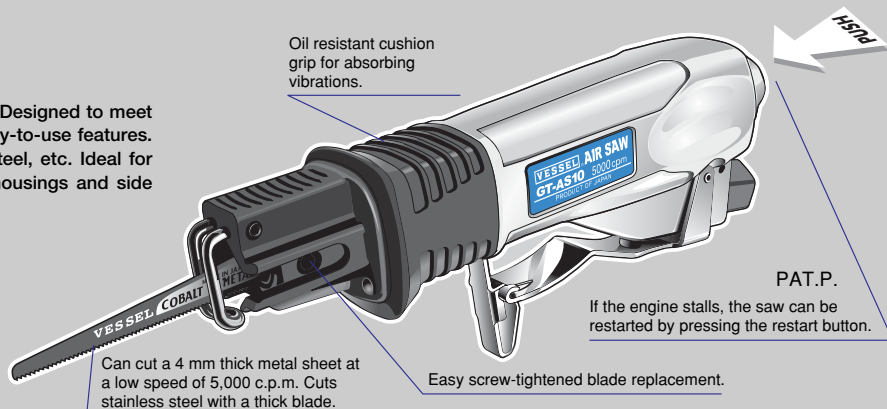
\* Air pressure: ~0.6 MPa / 90 psi \* Overall length: ~Accessories not included. \* Weight: ~Accessories not included.

Each manufacturer of air tools lists his own different value of torques according to his own designed torque tester, thus the comparison of such torque value with other manufacture's may not validate on same tested value.

⚠ CAUTION! Please be sure to read through "For the safety use of the tools" on page 1-2 of this catalog.

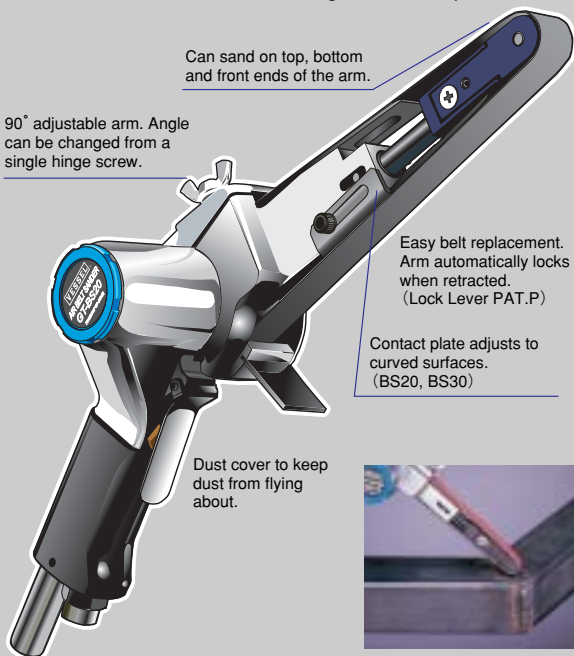
## Air Saw

High powered for strong cutting. Designed to meet site demands. Equipped with easy-to-use features. Cuts FRP, aluminum, stainless steel, etc. Ideal for automobile repairs, cutting tire housings and side steps, trimming burrs, etc.



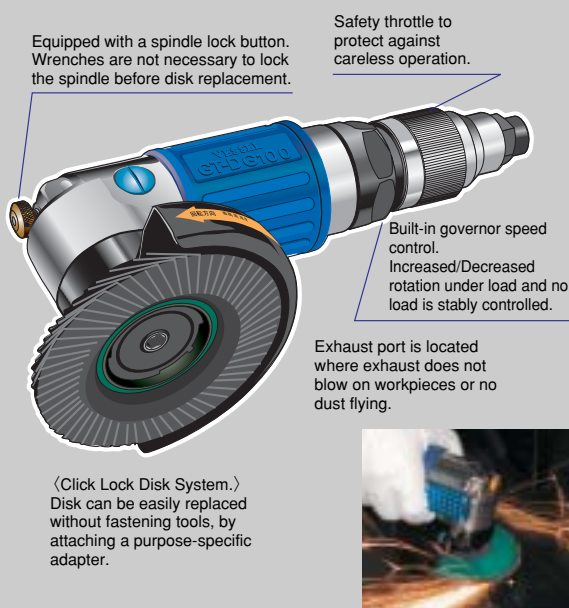
## Air Belt Sander

Designed for fieldwork: easy-to-manage, simple belt replacement, etc. User workload is reduced to improve workability. Ideal for deburring aluminum die-cast and forged parts, sanding down automobile sheets and removing rust, solder splatter, etc.



## Air Disk Grinder

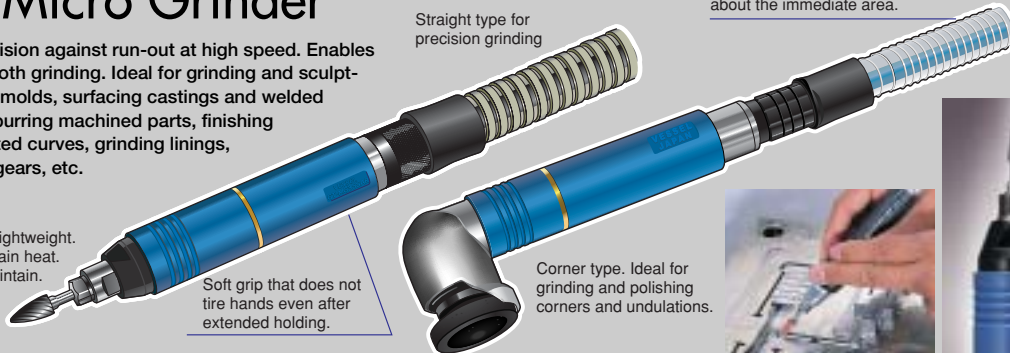
Handy, powerful grinder designed for safety and ease of use. Spindle lock for facilitating disk replacement. Ideal for grinding/polishing metal, base finishing, removing beads, burrs, rust and paint, cutting metal rods and thin panels, finish-polishing, etc.



## Air Micro Grinder

High precision against run-out at high speed. Enables easy smooth grinding. Ideal for grinding and sculpting metal molds, surfacing castings and welded parts, deburring machined parts, finishing complicated curves, grinding linings, beveling gears, etc.

Small and lightweight. Does not retain heat. Easy to maintain.

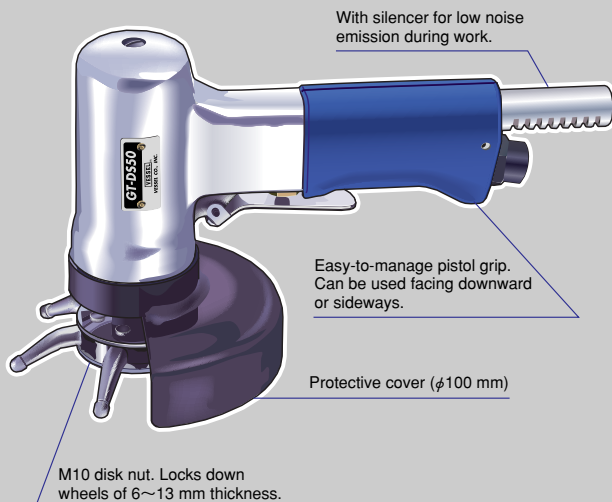




# Air Disk Sander

Low 5,000 rpm speed ideal for sanding and polishing. High torque prevents stopping and heating even under load. Choose tool mounting between 6 mm collet and M10 disk nut. Both can be used with separately sold attachments.

Welding pre/after-processing...M10 disk nut system GT-DS50B



●Rotary Hammer Wheel PAT.P.  
Hammers away slag and spatter after welding. Special rubber for absorbing impact and kick. Does not stress the hand.



●Brush Wheel  
Rust-removing wheel made with 3 mm-thick abrasive grain nylon wire. Does not damage workpiece or lose wires.



For deburring and polishing...φ6 mm collet chuck system GT-DS50A

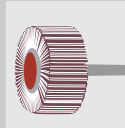


With silencer for low noise emission during work.

Easy-to-manage pistol grip. Can be used facing downward or sideways.



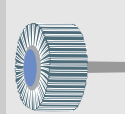
●Mount Holder  
Made of rubber. Can be used to polish curved surfaces. For Pittato disks.



●Flap Wheel  
Polishes curved and flat surfaces. Follows workpiece closely to deliver even finish without clogging.



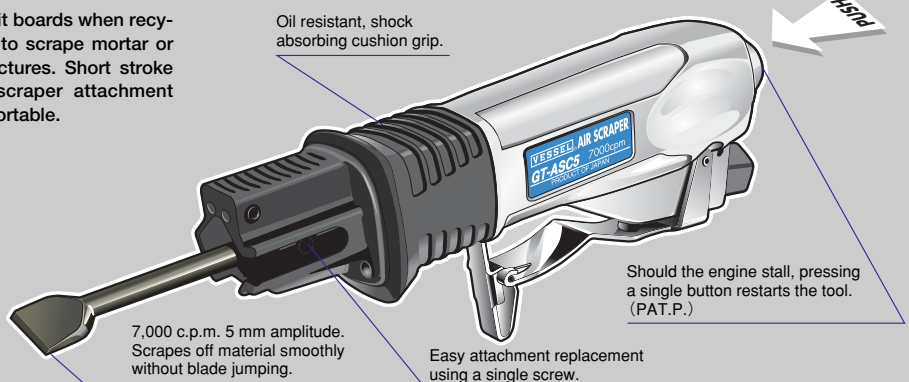
●Quick Disk Paper  
Paper is easily changed by bending.



●Fiber Wheel  
Flexible for fitting into curved surfaces. Ideal for polishing work when over-polishing is a concern.

# Air Scraper

Use to detach IC chips from circuit boards when recycling PCs, faxes and copiers, or to scrape mortar or paint from external walls of structures. Short stroke pitch reduces jumping of the scraper attachment whereby making work more comfortable.



# Air Micro Die Grinders

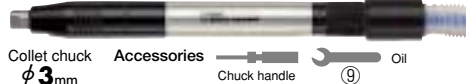
Capacity is listed as instant reference and depends on operation conditions.

## Air Micro Die Grinders

Lightweight and Compact. Pen Holding Touch

### For Precision Grinding

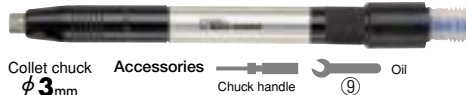
#### GT-MG75S



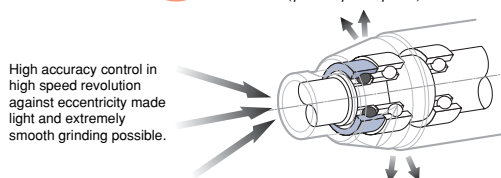
#### GT-MG55SR (Ergonomic grip)



#### GT-MG55S/MG55SB (Reverse turning type)



#### GT-MG25S



#### GT-MG75SAR (Soft grip)



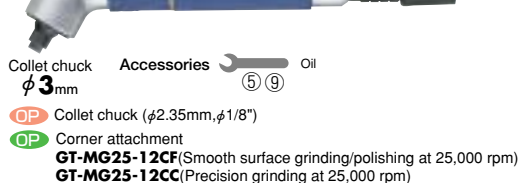
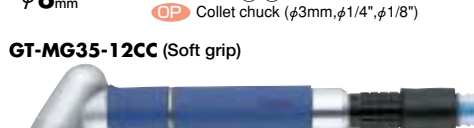
#### GT-MG55SAR (Soft grip)



#### GT-MG35SAR (Soft grip)



#### GT-MG35-12CC (Soft grip)



### Smooth Surface Grinding/Polishing

#### GT-MG25-12CF (Soft grip)



Accessories  
 • Lap ring #60 • Rubber holder  
 • Headcup #80 • PO-ring #60 #100 #150 #240...3 pcs. each  
 • Oil

#### OP Corner attachments

GT-MG35-12CC (Precision grinding at 35,000 rpm)

GT-MG25-12CC (Precision grinding at 25,000 rpm)

#### GT-MG25-9CF (Soft grip)



Accessories  
 • Lap ring #60 • Rubber holder  
 • Chuck handle • Headcup #80 • PO-ring #60 #100 #150 #240...3 pcs. each  
 • Oil

#### OP Corner attachments

GT-MG25-9CC (Precision grinding at 25,000 rpm)

GT-MG35-9CC (Precision grinding at 35,000 rpm)

EDP No.	Model No.	Speed No Load rpm	Air Consumption m³/min	Hose Coupling	Air Hose Inner Dia. mm	Overall Length mm	Frame Dia. mm	Weight g	Collet Chuck φ mm
310725	GT-MG75S	75,000	0.16	Rc 1/4	6.35	170	18.5	190	3
310726	GT-MG75SAR	75,000	0.16	Rc 1/4	6.35	156	20.9	180	3
310705	GT-MG55S	55,000	0.16	Rc 1/4	6.35	163	17.5	180	3
310771	GT-MG55SB	55,000	0.16	Rc 1/4	6.35	163	17.5	180	3
310750	GT-MG55SR	55,000	0.16	Rc 1/4	6.35	180	20.0	220	3
310773	GT-MG55SAR	55,000	0.245	Rc 1/4	6.35	178	24.5	260	3
310772	GT-MG35SAR	35,000	0.285	Rc 1/4	6.35	182	29.5	435	6
310765	GT-MG25S	25,000	0.175	Rc 1/4	6.35	198	30.0	600	6
310774	GT-MG35-12CC	35,000	0.25	Rc 1/4	6.35	183	24.5	305	3
310748	GT-MG35-12CR	35,000	0.16	Rc 1/4	6.35	151	20.0	160	3
310776	GT-MG25-12CF	25,000	0.25	Rc 1/4	6.35	181	24.5	315	Tip tool installation part: M7
310775	GT-MG25-9CF	25,000	0.25	Rc 1/4	6.35	173	24.5	310	Tip tool installation part: M7
310762	GT-MG25-12CR	25,000	0.16	Rc 1/4	6.35	160	20.0	200	Tip tool installation part: M7
310761	GT-MG25-9CR	25,000	0.16	Rc 1/4	6.35	143	20.0	200	Tip tool installation part: M7

•Working air pressure...0.6MPa •Overall length...Accessories and exhaust hose parts not included. •Weight...Accessories not included.

•With regard to GT-MG55S, MG55SR, MG75S a 2.35 mm collet chuck is also prepared.

•In the main body, a 1.5m air intake hose, exhaust hose and a hose joint are attached.

OP...Can be replaced by user. OP...Factory attached.

# Air Micro Grinders / Air Disk Grinders

## Air Micro Grinder Tip Tools for Smooth Surface Grinding and Polishing (For GT-MG25-12CF/9CF/12CR/9CR)

To meet work objectives from the removal of cutter marks in the manufacture of metal molding to the finishing of mirror surfaces.

### Headcup



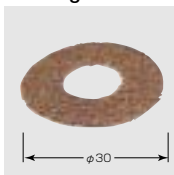
EDP#	Model No.	Grit #
622205	<b>HC-80</b>	80
Inner Ctn. 10 pcs per Ctn.		

### Rubber Holder



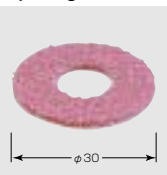
EDP#	Model No.
622305	<b>RH-30</b>
Inner Ctn. 10 pcs per Ctn.	

### PO-Ring



EDP#	Model No.	Grit #
622005	<b>PR-60</b>	60
622007	<b>PR-100</b>	100
622009	<b>PR-150</b>	150
622011	<b>PR-240</b>	240
622013	<b>PR-400</b>	400
622015	<b>PR-600</b>	600
Inner Ctn. 100 pcs per Ctn.		

### Lap Ring



EDP#	Model No.	Grit #
622105	<b>LP-320</b>	320
622106	<b>LP-400</b>	400
622107	<b>LP-600</b>	600
622108	<b>LP-800</b>	800
622109	<b>LP-1000</b>	1000
Inner Ctn. 30 pcs per Ctn.		

Color identification



## Air Disk Grinders

Handy and Powerful Grinding

Disk Dia. 100mm

### GT-DG100



OP Straight Bar grip  
(Auxiliary handle)



EDP No.	Model No.	Grindstone size Outer dia. X Thickness X Hole dia. mm	Max. Working Speed m/min	Speed No Load rpm	Air Consumption m³/min	Hose Coupling	Overall Length mm	Height mm	Weight g
310630	<b>GT-DG100</b>	100×6×15	4,300	13,500	0.7	Rc 1/4	205	92	1,390

•Air pressure...0.6MPa

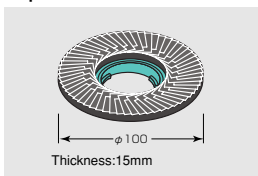
•Air hose bore diameter...6.35mm



## Air Disk Grinder Wheels (for GT-DG100)

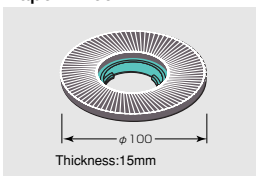
One Touch Click Lock Disk System...Disk can be easily replaced without fastening tools, by attaching a purpose-specific adapter. Ordinary grindstones (Hole diameter 15 X Thickness 4~6 mm) can be attached by detaching the adapter.

### Paper wheel



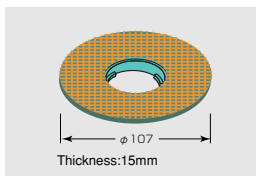
EDP#	Model No.	Grit #	Use
350086	<b>CL-P36</b>	36Z	Rough grinding
Inner Ctn. 5 pcs per Ctn.			

### Paper wheel



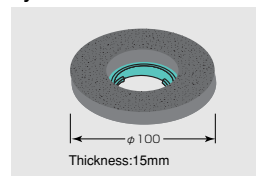
EDP#	Model No.	Grit #	Use
350087	<b>CL-P60</b>	60A	Grinding
350088	<b>CL-P80</b>	80A	Grinding
Inner Ctn. 5 pcs per Ctn.			

### Cutter wheel



EDP#	Model No.	Grit #	Use
350081	<b>CL-CW</b>	—	Cutting
Inner Ctn. 5 pcs per Ctn.			

### Nylon wheel



EDP#	Model No.	Grit #	Use
350080	<b>CL-NW</b>	—	Rust removal
Inner Ctn. 5 pcs per Ctn.			

1 click Lock Adapter per box



CAUTION...Please be sure to read through "For the safety use of the tools" on page 1·2 of this catalog.

# Air Disk Sanders

## Air Disk Sanders

Low speed of 5000 rpm & High torque

### Pad Dia. 50mm

#### GT-DS50A

Collet chuck  
φ6mm

With noise reducer

#### Accessories

Flap Wheel... #60... 1 pc.  
Fiber Wheel... #600... 1 pc.  
Mount Holder... 1 pc.  
Quick Disk Paper... #60... 3 pcs



• Collet chuck  
(φ3mm, φ1/4" and φ1/8")

### Disk Dia. 100mm

#### GT-DS50B

M10 disk nut

With noise reducer

#### Accessories

Protection Cover  
Nut, Protection Cover  
Pin Spanner

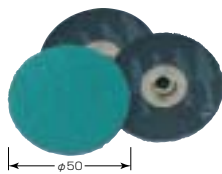
EDP No.	Model No.	Disk Dia. mm	Speed No Load rpm	Air Consumption N ℓ/min.	Hose Coupling	Air Hose Inner Dia. mm	Overall Length mm	Weight g	Tip Tool Installation Part
310635	<b>GT-DS50A</b>	Pad dia. 50	5,000	650	Rc 1/4	6.35	211	935	Collet chuck φ6 mm
310636	<b>GT-DS50B</b>	Disk dia. 100	5,000	650	Rc 1/4	6.35	211	1,150	Disk nut M10

• Working air pressure... 0.6 MPa

## Air Disk Sander Wheels

### For DS50A

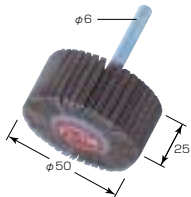
#### Quick Disk Paper (PD-P60)



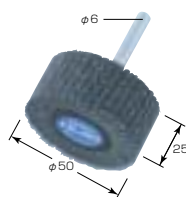
#### Mount Holder (PD-P6)



#### Flap Wheel (FL-60/120)



#### Fiber Wheel (FB-400/600/1000)



EDP No.	Model No.	Grit No.	Max. Working Speed rpm	Material	Applications	Quantity
350111	<b>PD-P60</b>	Z60	20,000	Zirconia	Thin pressed plate deburring, surfacing, etc.	50
350116	<b>PD-P6</b>	—	—	Rubber (Pad)	For Quick Disk Paper	1
350101	<b>FL-60</b>	A60	20,000	Alumina	Deburring, spatter removal	5
350102	<b>FL-120</b>	A120	20,000	Alumina	Cylinder lining polishing, surfacing, etc.	5
350106	<b>FB-400</b>	400	10,000	Unwoven cloth	Dirt removal, cleaning prior to welding	5
350107	<b>FB-600</b>	600	10,000	Unwoven cloth	or plating, burn removal after welding,	5
350108	<b>FB-1000</b>	1000	10,000	Unwoven cloth	etc.	5

## Wheels to Remove Rust/Stains

### For DS50B

#### Rotary Hammer Wheel (HMW10)

#### Brush Wheel (BHW10)

PAT.P.



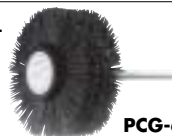
EDP No.	Model No.	Max. Working Speed rpm	Material	Applications	Quantity
350121	<b>HMW10</b>	5,000	Stainless steel	Slag and spatter removal after welding, etc.	1
350122	<b>BHW10</b>	5,000	Abrasive grain nylon	Steel plate rust removal, aluminum cast finishing, etc.	1

## Pre-Coat Grit to remove surface for painting.

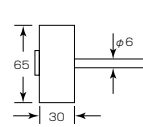
Tool for Precoat Sander

Attach to purpose-specific air sander or electric drill to use.

Mixed threadlike abrasive material inside of highly flexible nylon base, formed into a brush wheel. Beautifully sands surfaces in a short amount of time with only a little pressure applied.



**PCG-600**



EDP No.	Model No.	Shank Dia.	Working Rotational Speed rpm	Comparative Sandpaper Grain	Applications	Quantity
621416	<b>PCG-600</b>	φ6mm	1,000~6,000	#400~#500	Peeling lacquered topcoats, etc.	1



# Air Belt Sanders/Air Scraper/Glass Cut Air Saw

## Air Belt Sanders

For Deburring Automotive Sheet and Cans

### Belt Width 12/10mm

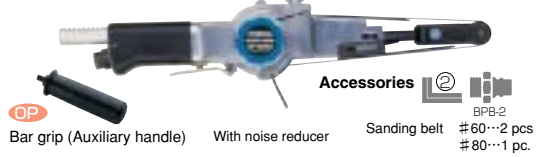
#### GT-BS12



### Belt Width 20mm

#### GT-BS20 (Aluminum roller head)

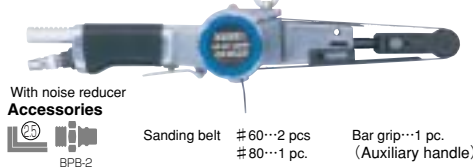
#### GT-BS20W (Urethane roller head)



### Belt Width 30mm

#### GT-BS30 (Aluminum roller head)

#### GT-BS30W (Urethane roller head)



### Roller Heads



**Aluminum**  
(GT-BS20/BS30)  
For heavy-duty  
sanding.



**Urethane.**  
(GT-BS20W/BS30W)  
For undulated and  
curved surfaces.

EDP No.	Model No.	Applicable Belt Size	Belt Speed m/min	Working Air Pressure MPa	Speed No Load rpm	Air Consumption m³/min	Hose Coupling	Overall Length mm	Weight g
310621	GT-BS12	12/10mm×330mm	1,100	0.6	17,000	0.52	Rc 1/4	311	840
310622 (310623)	GT-BS20 (W)	20mm×520mm	2,500	0.6	16,000	0.6	Rc 1/4	398	1,300
310624 (310625)	GT-BS30 (W)	30mm×540mm	2,040	0.6	13,000	0.72	Rc 1/4	374	1,930

Total length: When mounted with belt.

### Ceramic Endless Belt (For GT-BS12)

Attach to air belt sander to use.  
Made with ceramic grain.  
High grinding power  
and long lasting.



Quantity: 50 PCS

EDP No.	Model No.	Size	Grit No.
350061	CB12-60	12mm×330mm	# 60
350062	CB12-80	12mm×330mm	# 80
350064	CB12-120	12mm×330mm	# 120

### Zirconia Endless Belt (For GT-BS20)

Attach to air belt sander to use.  
Tough abrasive grain  
produces a good  
sanding effect.  
Improves sanding  
performance.



Quantity: 20PCS

EDP No.	Model No.	Size	Grit No.
350067	ZB20-40	20mm×520mm	# 40
350068	ZB20-60	20mm×520mm	# 60
350069	ZB20-80	20mm×520mm	# 80

### Zirconia Endless Belt (For GT-BS30)

Attach to air belt sander to use.  
Tough abrasive grain  
produces a good  
sanding effect.  
Improves sanding  
performance.



Quantity: 10PCS

EDP No.	Model No.	Size	Grit No.
350070	ZB30-40	30mm×540mm	# 40
350071	ZB30-60	30mm×540mm	# 60
350072	ZB30-80	30mm×540mm	# 80

## Air Scraper

For Scraping Off Various Materials

#### GT-ASC5



### Accessories



For removing IC chips,  
stickers and insulation.

EDP No.	Model No.	Working Air Pressure MPa	Stroke Speed c.p.m.	Air Consumption m³/min	Stroke mm	Hose Coupling	Overall Length mm	Weight g
336132	GT-ASC5	0.6	7,000	0.28	5	Rc 1/4	195.5	810

## Glass Cut Air Saw

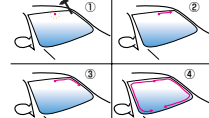
Innovative Glass Crusher !

#### GT-AS10G

### Accessories



Exclusive powerful  
windshield cutting.



Cutting time  
reduction  
30 seconds for  
1 windshield.

EDP No.	Model No.	Working Air Pressure MPa	Stroke Speed c.p.m.	Air Consumption m³/min	Stroke mm	Hose Coupling	Overall Length mm	Weight g
388006	GT-AS10G	0.6	5,000	0.28	10	Rc 1/4	195.5	810

## Scrapers (For GT-ASC5)

#### ASC-25-8

#### ASC-50-8



EDP No.	Model No.	Blade Width	Shank Dia.	Use
350141	ASC-25-8	25mm	φ8mm	for IC chip
350142	ASC-50-8	50mm	φ8mm	for IC chip, out wall

## Carbide Blade for Glass Cut (For GT-AS10G)



EDP No.	Model No.	Specification	Applicaion
	ASB-10G	Thickness 3mm 10pitch	for front glass windshield.

This blade is not applicable with Air Saw GT-AS10 & AS100.

# Air Saws

## Air Saws

PAT.P. For Metal working and Cutting

### Cutting Capacity 4mm Metal Plate

#### GT-AS10



With noise reducer

#### Accessories



Blade 32-Pitch thin blade ... ASB-32T  
32-Pitch Ultra thick blade ... ASB-32H  
24-Pitch Ultra thick blade ... ASB-24H  
(1pc. each)

### Cutting Capacity 1.6mm Metal Plate

#### GT-AS100



#### Accessories



Blade 32 pitch Standard Blade ... ASB-32 2 pcs

EDP No.	Model No.	Cutting Capacity	Working Air Pressure MPa	Stroke speed c.p.m.	Air Consumption m³/min	Stroke mm	Hose Coupling	Overall Length mm	Weight g
336131	GT-AS10	Steel...4mm	0.6	5,000	0.28	10	Rc 1/4	195.5	870
310640	GT-AS100	Steel...1.6/Wood...55mm	0.6	10,000	0.34	10	Rc 1/4	170	570

Cutting capacity GT-AS10: When used with a No. ASB-32H blade GT-AS100: When used with a No. ASB-32 blade Overall Length, Weight: Accessories not included.

## Air Saw Blades (For GT-AS10/AS100)

Attach to air saw tips for cutting.



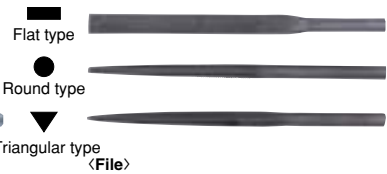
<For steel>



<For wood>



<Scraper>



Flat type

Round type

Triangular type  
<File>

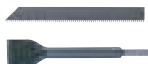
EDP No.	Model No.	Specifications	Applications	Quantity
350054	ASB-32	For steel Cobalt, standard blade, 32 pitch	Cutting steel	10
350051	ASB-32T	For steel Thin blade, 32 pitch	Cutting thin sheet metal, etc.	10
350052	ASB-32H	For steel Cobalt, super thick blade, 32 pitch	Cutting steel and stainless steel sheet	10
350053	ASB-24H	For steel Cobalt, super thick blade, 24 pitch	Cutting aluminum, soft iron and plastic	10
350056	ASB-17	For wood 17 pitch	Cutting plastic and wood	5
350143	ASB-25-5	Scraper 25 mm wide blade	Scraping, peeling, etc.	1
350144	ASF-F-5	<File> Flat	File	5
350145	ASF-R-5	<File> Round	File	5
350146	ASF-T-5	<File> Triangular	File	5

## Air Saw & Scraper House Reform Set

#### AS100KK EDP# 310641



Handy storage and carrying case



#### Set Content

- Air Saw ... GT-AS100 ... 1 pc.
- Steel blade ... ASB-32 ... 2 pcs
- Wood blade ... ASB-17 ... 3 pcs
- Scraper ... ASC-25-5 ... 1 pc.
- Air Coupling (Concent) ... BPB-2 ... 1 pc.
- Hex key wrench ... A/F 2, 4 mm ... 1 pc. each



#### Uses

Cutting mud wall, corner operation such as cutting copper edge, cutting wall, floor, vinyl chloride pipe and iron door, chipping cement mortar, etc.