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Dear Customers

We would like to appreciate for purchasing DAEWOO AIR TOOLS' products, which are widely used in the shipbuilding, automobile, electronics industries, etc.

Our products have been a top brand in Korea since 1982. We have a good reputation worldwide due to your continuous attention and support to our products.

For our customers' profit, we will devote our energies to develop new technologies and high quality products.

Therefore, we will do our best to contribute our products for constructing better society for next generation.

Sincerely Yours,

2007.6.1

DAEWOO AIR TOOLS

Air tools

Air tools are operated by the energy produced in the isentropic expansion process from the highly compressed air. They are usually classified as three different types as follows

ROTARY TYPE

- The shaft is assembled with eccentricity from the center of cylinder. The highly compressed air pushes the sliding vanes in order to make a rotating force at the tool shaft

PISTON TYPE

- The highly compressed air pushes the pistons within the cylinder to obtain a reciprocating force.

TURBINE TYPE

- The impulse force obtained by injecting the highly compressed air in order to rotate a turbine rotor.

Features

1.STRONG POWER

- High capacity power machines
- Automatically stop at the overload state and re-operated as soon as the overload removed
- Show the strong power with continuous RPM

2.DURABILITY

- Operating well without over-heated problem even in continuous work
- Instant re-use after simply replacing the broken or abrasive components.
- 3 times longer use than tools operated by an electric motor.

3.LIGHTNESS

- Even though its weight light and compact, showing a high torque and work efficiency.
- Easy handling and comfortable controllability.
- 1/2~1/3 of weight and volume compared to tools operated by an electric motor.

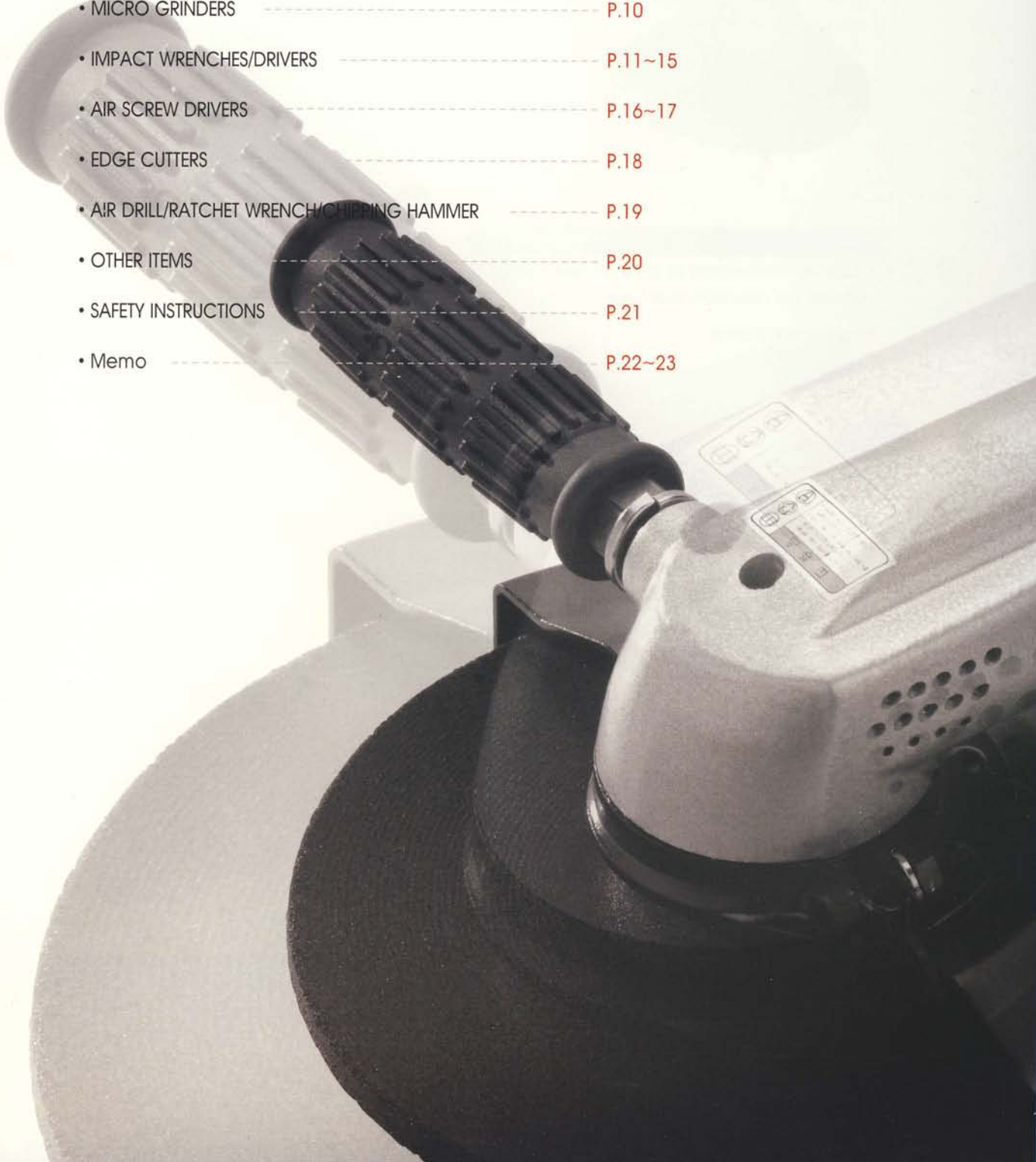
4.SAFETY

- Low ignition, explosion, electric shock compared to electric tools.



CONTENTS

• ANGLE GRINDERS	P.4~7
• DIE GRINDERS	P.8~9
• MICRO GRINDERS	P.10
• IMPACT WRENCHES/DRIVERS	P.11~15
• AIR SCREW DRIVERS	P.16~17
• EDGE CUTTERS	P.18
• AIR DRILL/RATCHET WRENCH/CHIPPING HAMMER	P.19
• OTHER ITEMS	P.20
• SAFETY INSTRUCTIONS	P.21
• Memo	P.22~23





7" ANGLE GRINDERS

- Durability of gear is much improved by adapting the air cooling system to remove the heat produced by the friction at the high RPM
- High productivity with the highest power among the same class models
- High efficiency and safe operation by the over-speed controller(Governor)
- Low operator's fatigue by using a grip covered with the anti-vibration rubber



DAG-7SG

- Safety roll type on the operation and stop valve
- Highest power among the same class models
- Safety by the over-speed controller(Governor)

DAG-7LG

- Protection from hazard by the safety lever, which controls the operation of air tools
- For overseas Exports



DAG-70G-1 (Super Light Type)

- Super light as a 7 inch grinder
- Easy workable with one hand
- Safel roll type on the throttle valve
- Over-speed controller(Governor) equipped

DAG-407NP (Super Light Type)

- Safety Roll type on the Throttle Valve
- Over-speed Controller equipped
- Easy workable with one hand
- Sand paper or 4~5 inch Flap Disk Only



Model	Capacity (wheel size)		Max free speed	Max. power	Length		Weight (without wheel)		Thread air inlet	Average air consumption		Recommended air pressure	
	in	mm	r.p.m	ps	in	mm	lb	kg	in	ft ³ /min	m ³ /min	PSI	kg/cm ²
DAG-7SG	7	180	7,600	1.5	10.35	263	7.21	3.27	PT3/8	38.9	1.1	85	6
DAG-7LG	7	180	7,600	1.5	12.83	326	7.7	3.5	PT1/4,3/8	38.9	1.1	85	6
DAG-70G-1	7	180	7,600	1.3	9.48	241	4.5	1.8	PT3/8	33.0	0.9	85	6
DAG-407NP	4	100	7,600	1.3	9.48	241	4.5	1.8	PT3/8	33.0	0.9	85	6



7" ANGLE GRINDERS (Light Type)

- More reduced operators' fatigue due to the light type
- Attachable 6" or 7" size grinder wheel
- High efficiency and safe operation by the over-speed controller(Governor)
- Low operator's fatigue by using a grip covered with the anti-vibration rubber
- Better operation condition by the silencer



DAG-6SX

- Silencer (changeable the exhaust air direction)
- Safety roll type on the operation and stop valve
- Safety by the over-speed controller(Governor)

DAG-6SX-1

- Safety roll type on the operation and stop valve
- Safety by the over-speed controller(Governor)



DAG-6LX

- Silencer (changeable the exhaust air direction)
- Protection from hazard by the safety lever, which controls the operation of air tools
- For overseas Exports

Model	Capacity (wheel size)		Max free speed	Max power	Length		Weight (without wheel)		Thread air inlet	Average air consumption		Recommended air pressure	
	in	mm			in	mm	lb	kg		ft ³ /min	m ³ /min	PSI	kg/cm ²
DAG-6SX	7	180	7,600	1.4	9.92	252	6.4	2.83	PT3/8	33.0	0.9	85	6
DAG-6SX-1	7	180	7,600	1.4	9.92	252	6.4	2.83	PT3/8	33.0	0.9	85	6
DAG-6LX	7	180	7,600	1.4	12.2	315	6.4	2.83	PT1/4, 3/8	33.0	0.9	85	6



4" ANGLE GRINDERS

- Heavy or light duty tool
- Widely using for its capacity at the general operating conditions
- Protection from the vibration by using a grip covered with the anti-vibration rubber
- Easy handling, dis- and re-assembly



DAG-100SP

- Exhaust air direction 90° (right side)
- On and Off valve by roll type

DAG-100S

- Exhaust air direction 45° (front)
- On and Off valve by safety roll type



DAG-100LP

- Exhaust air direction 90° (right side)
- Available exhaust air direction 45° (front)
- Protection from hazard by the safety lever
- For overseas Exports

SAFETY LEVER TYPE	SAFETY ROLL TYPE

Grinding Wheel Size for Wheel Flange		
Grinder	Wheel Nut Flange O/D	Grinding Wheel Size
4 inch	15.8mm	100X3X15.88mm
6~7 inch	22.0mm	180X6(3)X22.23mm

Model	Capacity (wheel size)		Max free speed r.p.m	Max power ps	Length		Weight (without wheel)		Thread air inlet in	Average air consumption		Recommended air pressure	
	in	mm			in	mm	lb	kg		ft ³ /min	m ³ /min	PSI	kg/cm ²
DAG-100SP	4	100	11,000	0.7	8 1/4	210	3.4	1.55	PT1/4	22.0	0.6	85	6
DAG-100S	4	100	11,000	0.7	8 1/4	210	3.4	1.55	PT1/4	22.0	0.6	85	6
DAG-100LP	4	100	11,000	0.7	8 1/4	225	3.4	1.55	PT1/4	22.0	0.6	85	6



4" ANGLE GRINDERS (light type)

- More reduced operators' fatigue due to compact type
- Multi functions such as removing the steel plate edge, welding sludge, rust etc.
- Easy operation at the corner due to a not deep protector
- Available a safety grip by the customers' order and high productivity by the options (exhaust air direction, wheel size, lever type, adaptor etc.)



DAG-4SX

- Able to one hand operation
- Attachable 4" or 5" size grinder wheel
- Safety roll type on the operation and stop valve
- Exhaust air direction 45° (front)
- Available Exhaust air direction 90° (right side)
- Available a Safety grip and slim protector

DAG-4SX-1

- Long hand grip with adaptor
- Safety roll type on the operation and stop valve
- Exhaust air direction 45° (front)
- Available Exhaust air direction 90° (right side)
- Available a Safety grip and slim protector



DAG-5PH

- High torque by reduced gear ratio
- 5" size grinder wheel attachable
- For a painting pre-process with sand paper
- Exhaust air direction 45° (front)
- Easy operation at the corner with a slim protector

DAG-5LX / DAG-4LX

- Attachable 4" or 5" grinding wheel
- Protection from hazard by the safety lever
- Easy operation at the corner with a slim protector
- Exhaust air direction 45° (right side)
- For overseas Exports



Model	Capacity (wheel size)		Max free speed	Max power	Length	Height	Weight (without wheel)		Thread air inlet	Average air consumption		Recommended air pressure		Adaptor	Method ON/OFF	Exhaust
	in	mm	r.p.m	ps	mm	mm	lb	kg	in	ft ³ /min	m ³ /min	PSI*	kg/cm ²	O/X		
DAG-4SX	4	100	12,000	0.85	184	87.5	3.1	1.44	PT1/4	23.8	0.65	85	6	X	safety roll	45° Front
DAG-4SX-1	4	100	12,000	0.85	210	87.5	3.1	1.50	PT1/4	23.8	0.65	85	6	O	safety roll	45° Front
DAG-5PH	5	125	8,400	0.85	184	87.5	3.1	1.44	PT1/4	23.8	0.65	85	6	X	safety roll	45° Front
DAG-5LX	5	125	12,000	0.85	225	83.5	3.1	1.42	PT1/4	23.8	0.65	85	6	X	safety lever	90° Side
DAG-4LX	4	100	12,000	0.85	225	83.5	3.1	1.42	PT1/4	23.8	0.65	85	6	X	safety lever	90° Side



DIE GRINDERS

- High durability and widely used because of easy dis- and re-assembly
- Easy operation due to small and light weight and low operation fatigue due to the comfortable grip structure
- Covered with an anti-vibration and anti-coldness



Ø3mm Bushing

DG-38L / DG-38S

- Light duty operations such as polishing of a die or removing burr etc.
- Available 3.0mm shaft assembled with various carbonated tools by a special bushing

DGL-38L / DGL-38S

- Easy operation at the corner or deep place because of long length
- Available 3.0mm shaft assembled with various carbonated tools by a special bushing



Ø3mm Bushing



Ø3mm Bushing

DG-38LS / DGL-38LS

- Protection from hazard by the safety lever
- Available 3.0mm shaft assembled with various carbonated tools by a special bushing

LOW NOISE DIE GRINDER

DGS-38L / DGS-38S

- Low noise operation by the silencer
- Less than 90dB
- 20% noise-reduced



silencer

Model	Capacity (wheel size)		Max free speed	Length		Weight (without wheel)		Thread air inlet	Average air consumption		Recommended air pressure	
	in	mm		in	mm	lb	kg		ft ³ /min	m ³ /min	PSI	kg/cm ²
DG-38L	-	6	25,000	6 ¹⁵ / ₃₂	164	1.32	0.57	PT1/4	10.7	0.3	85	6
DG-38S	-	6	25,000	6 ¹⁵ / ₃₂	164	1.32	0.57	PT1/4	10.7	0.3	85	6
DGL-38L	-	6	25,000	13	330	2.09	0.92	PT1/4	10.7	0.3	85	6
DGL-38S	-	6	25,000	13	330	2.09	0.92	PT1/4	10.7	0.3	85	6
DG-38LS	-	6	25,000	6 ¹⁵ / ₃₂	164	1.32	0.57	PT1/4	10.7	0.3	85	6
DGL-38LS	-	6	25,000	13	330	2.29	0.92	PT1/4	10.7	0.3	85	6
DGS-38L	-	6	22,000	6 ¹⁵ / ₃₂	164	1.32	0.57	PT1/4	10.7	0.3	85	6
DGS-38S	-	6	22,000	6 ¹⁵ / ₃₂	164	1.32	0.57	PT1/4	10.7	0.3	85	6



DIE GRINDERS (HIGH POWER, ROTARY BURR)

- Heavy duty operation due to the high power
- High precision part processing due to the low vibration and carbinated tools
- Covered with an anti-vibration and anti-coldness

CARBONATED ROTARY BURR TOOL



DG-38RS / DG-38RS-1

- Low vibration killed by bigger rotor shaft(Ø9)
- Rotary burr tool use



DG-50L / DG-50S

- High durability for carbonated rotary burr tool
- Good operation due to the high power
- Low vibration by precision concentricity



2.5" GRINDER

DSG-25HC

- Collet type (8mm Adaptable)
- Easy operation at the corner or deep place because of long length
- Strong power die grinder



DSG-25HW

- Wheel type
- High speed and performance for an inclined surface processing Adapt 2.5" grinder wheel

DSG-25C

- 6mm Collet type (8mm adaptable)
- Easy operation at the corner or deep place
- Light and powerful die grinder



DSG-25W

- 2.5 inch Wheel type
- Light and powerful die grinder
- Safty Cover adopted
- Over-speed controller(Governor) equipped

Model	Capacity (collet size)		Max free speed	Length		Weight (Without Wheel)		Thread air inlet	Average air consumption		Recommended air pressure	
	in	mm		in	mm	lb	kg		ft ³ /min	m ³ /min	PSI	kg/cm ²
DG-38RS	-	6	25,000	6 ¹⁵ / ₃₂	164	1.54	0.67	PT1/4	10.7	0.3	85	6
DG-38RS-1	-	6	25,000	7 ³ / ₈	187.5	1.6	0.73	PT1/4	10.7	0.3	85	6
DG-50L	-	6 or 8	20,000	8	200	1.71	0.74	PT1/4	17.8	0.5	85	6
DG-50S	-	6 or 8	20,000	8	200	1.75	0.76	PT1/4	17.8	0.5	85	6
DSG-25HC	-	6 or 8	18,000	11 ³ / ₄	302	3.1	1.44	PT1/4	22.0	0.6	85	6
DSG-25HW	2.5(wheel)	63.5(wheel)	9,500	10 ³ / ₄	276	3.1	1.44	PT1/4	22.0	0.6	85	6
DSG-25C	-	6or8	18,000	13	330	2.2	1.00	PT1/4	22.0	0.6	85	6
DSG-25W	2.5(wheel)	63.5(wheel)	9,500	12	305	2.4	1.10	PT1/4	22.0	0.6	85	6



MICRO GRINDERS

- High precision processing due to the low vibration at high RPM with compact and light weight
- Applied to the grinding process of various die, removing burr and processing of complex surface etc.

TURBINE TYPE MICRO GRINDER



DT-1000

- Small size and multi-stage axial turbine system
- High speed (100,000 r.p.m)
- High durability because of no friction between each part
- Good operation with high power
- Low trouble due to easy operation to open or close the valve

PENCIL GRINDER

DMG-3BSA

- Long lifetime and pleasant operation condition with a silencer
- Good operation with the strong power
- Low operators' fatigue



Model	Capacity (collet size)		Max free speed	Length		Weight (Without Wheel)		Thread air inlet	Average air consumption		Recommended air pressure	
	in	mm	r.p.m	in	mm	lb	kg	in	ft ³ /min	m ³ /min	PSI	kg/cm ²
DT-1000	-	3	100,000	5 ⁴⁵ / ₆₄	145	0.55	0.25	PT1/8	7.1	0.2	85	6
DMG-3BSA	-	3	65,000	7 ¹ / ₈	182	0.25	0.112	PT1/8	7.1	0.2	85	6



IMPACT WRENCHES

- Easy operation and short rising time to the rate RPM with light weight
- High productivity due to the easy handling grip for operator
- Widely used in the field of automobile or motorcycle assembly line and electric home appliances assembly line etc.

3/4" IMPACT WRENCH



DIW-19P

- Good performance on the maintenance of commercial vehicles or heavy duty machines
- Attached a flowrate control valve
- Highest power among the same class models even the lightest
- Easy maintenance due to the easy dis- and re-assembly
- Single hammer type

1/2" IMPACT WRENCH

DIW-14N

- High durability with double hammer type
- Good performance on the maintenance of vehicles
- One touch operation type on the reverse rotation valve and flowrate controller
- Highest output power among the same class vehicle maintenance models even the smallest and lightest
- Multi-stage trigger type
- Upgrade to DIW-14P
- Powered unfasten function compare to fasten



model	Hex size		Bolt size	Max torque	Free speed	Length		Weight		Thread air inlet	Average air consumption		Recommended air pressure	
	mm	in				mm	in	kg	lb		ft ³ /min	m ³ /min	PSI	kg/cm ²
DIW-19P	19	3/4	M18~M22	70	5,500	230	9 1/4	4.0	8.8	1/4	31.7	0.9	85	6
DIW-14N	12.7	1/2	M12~M16	54	7,200	184	7	2.6	5.7	1/4	24.7	0.7	85	6

1/2" IMPACT WRENCHES



DIW-13P (1/2 inch)

- Specially used in the field of automobile assembly line or maintenance
- Double hammer type

DIW-8PA (1/2inch)

- Specially used in the field of automobile & motorcycle assembly line or maintenance
- Double hammer type



DIW-8P (3/8 inch)

- Specially used in the field of automobile & motorcycle assembly line or maintenance
- Short rising time with double hammer type



Model	Hex size		Bolt size	Max torque	Free speed	Length		Weight		Thread air inlet	Average air consumption		Recommended air pressure	
	mm	in	size	kg•m	r.p.m	mm	in	kg	lb	PT orNTP	ft ³ /min	m ³ /min	PSI	kg/cm ²
DIW-13P	12.7	1/2	M12~M16	68	4,800	202	8	2.8	6.1	1/4	0.4		85	6
DIW-8PA	12.7	1/2	M8~M10	38	7,500	160	6 1/4	1.6	3.5	1/4	0.4		85	6
DIW-8P	9.5	3/8	M8~M10	38	7,500	160	6 1/4	1.6	3.5	1/4	0.4		85	6

3/8" IMPACT WRENCHES



DIW-6SA2

- High productivity due to the light and compact
- Easy handling grip type for operator
- Specially used in the field of automobile & motorcycle assembly line or maintenance
- Double hammer type

DIW-6C2

- Specially used in the field of automobile & motorcycle assembly line or maintenance
- Easy operating at the corner or edge inside
- Double hammer type



DIW-6P2

- Specially used in the field of automobile assembly line
- Short rising time with double hammer type
- High productivity due to the light, compact and easy handling grip for operator



DIW-5P

- High productivity due to the light and compact
- Controllable the rotation direction by one hand
- RPM is controlled by the two stage trigger structure
- Silent operation with a silencer
- Double hammer type



Model	Hex size		Bolt size	Max torque	Free speed	Length		Weight		Thread air inlet	Average air consumption		Recommended air pressure	
	mm	in				mm	in	kg	lb		ft ³ /min	m ³ /min	PSI	kg/cm ²
DIW-6SA2	9.5	3/8	M5~M8	13	7,000	165	6 ¹ / ₂	1.0	2.2	1/4	0.3		85	6
DIW-6C2	9.5	3/8	M5~M8	6	7,500	216	6 ¹ / ₂	1.0	2.2	1/4	0.3		85	6
DIW-6P2	9.5	3/8	M5~M8	21	8,000	168	6 ³ / ₄	1.1	2.4	1/4	0.3		85	6
DIW-5P	9.5	3/8	M5~M8	17	9,000	175	6 ³ / ₄	0.9	2.0	1/4	0.3		85	6

IMPACT DRIVERS



DID-6SA2

- Easy handling grip type for operator
- Specially used in the field of automobile & motorcycle assembly line or maintenance
- Short rising time with double hammer type
- Quick changeable driver anvil

DID-6P2

- Specially used in the field of automobile assembly line
- Short rising time with double hammer type
- Quick changeable driver anvil
- Double hammer type

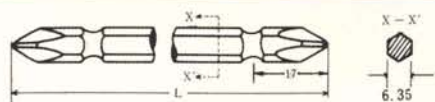


DID-5P

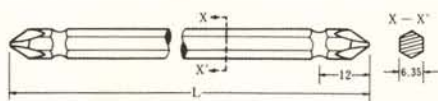
- High productivity due to the light and compact
- Controllable the rotation direction by one hand
- RPM is controlled by the two stage trigger structure
- Silent operation with a silencer
- Quick changeable driver anvil
- Double hammer type

BIT

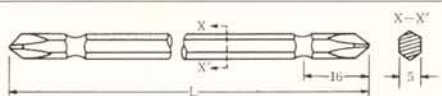
APPLICATION



DID-4S, DID-4H



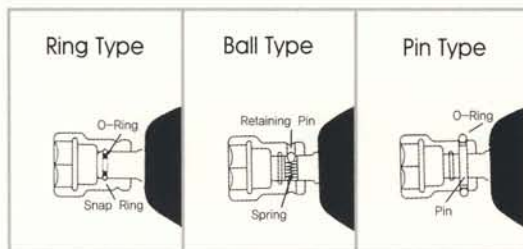
DID-5P, DID-6P2, DID-6SA2
DS-4.5L, DS-5L, DS-5LH



DS-4L, DS-4TS-10, DS-4TL-10

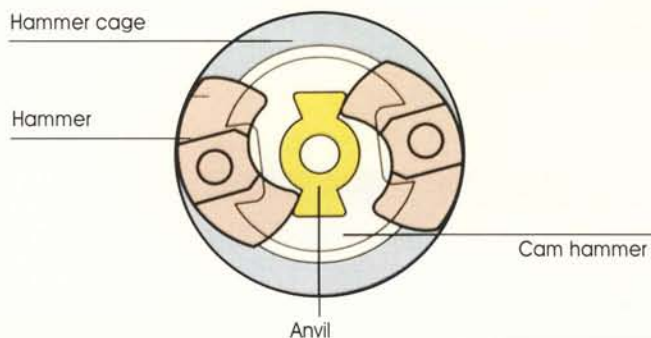
Model	Bit size		Bolt size	Max torque	Free speed	Length		Weight		Thread air inlet	Average air consumption		Recommended air pressure	
	mm	in				mm	in	kg	lb		ft ³ /min	m ³ /min	PSI	kg/cm ²
DID-6SA2	6.35	1/4	M5~M8	13	7,000	175	7	1.0	2.2	PT 1/4	0.30		85	6
DID-6P2	6.35	1/4	M6~M8	21	8,000	178	7	1.1	2.42	PT 1/4	0.30		85	6
DID-5P	6.35	1/4	M5~M8	17	9,500	175	7	0.94	2.0	PT 1/4	0.30		85	6

SOCKET RETAINING METHOD



- Pin type : DIW-6C2
 - Ring type : DIW-14N
 - Ball type : DIW-5P, DIW-6P2, DIW-6SA2, DIW-8P, DIW-13P, DIW-19P, DIW-8PA
- Note) All 3 types of ANVIL are available by customer's order

DOUBLE HAMMER MECHANISM



- High productivity is obtained due to twice hammering a shaft rotation, which makes short operation time and widely uses on the fastening process

STRAIGHT IMPACT DRIVER



DID-4S

- High productivity due to the light and compact
- Easy handling grip type for operator
- Short rising time with double hammer type
- Specially used in the field of home electric appliances assembly line etc.
- Mounted a flowrate control valve

DID-4H

- Short rising time with double hammer type
- Easy handling grip type for operator
- Specially used in the field of home electric appliances assembly line
- Quick and easy changeable driver anvil

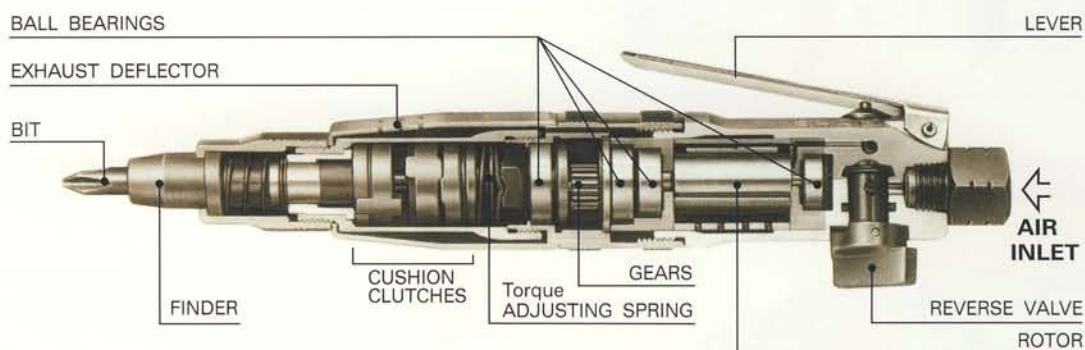


model	Hex size		Bolt size size	Max torque kg•m	Free speed r.p.m	Length		Weight		Thread air inlet PT or NTP	Average air consumption		Recommended air pressure	
	mm	in				mm	in	kg	lb		ft ³ /min	m ³ /min	PSI	kg/cm ²
DID-4S	6.35	1/4	M4~M6	3	9,500	187	7.5	0.83	1.8	PT1/4	0.30		85	6
DID-4H	6.35	1/4	M4~M6	3	9,500	184	7.2	0.77	1.3	PT1/4	0.30		85	6



AIR SCREW DRIVERS (normal type)

- Low operator's fatigue due to compact, easy handling and comfortable grip
- Easy torque control depending on the operation condition
- Easy replacement of bit



DS-4L

- Safety due to the cushion clutch even the overload state
- Widely used in fastening or removing the screw

DS-4.5L

- Quiet operation due to the cushion clutch with steel balls
- Good operation and long durability



DS-5L

- Safety due to the cushion clutch even the overload state
- High torque operation because of adjustable the torque by an air regulator

DS-5LH

- Cushion clutch prevent over load
- Torque adjustable by spring regulator
- Quick and easy changeable driver anvil



Model	Bit size	Free Speed	Torque	Length		Weight (without bit)		Thread air inlet	Hose size		Average air consumption	Recommended air pressure
	mm	r.p.m	kg~cm	in	mm	lb	kg	PT or N.P.T	in	mm	m ³ /min	kg/cm ²
DS-4L	5	2,000	10~25	7 ²³ / ₃₂	196	1.32	0.60	1/4	1/4	6.35	0.20	5
DS-4.5L	6.35	1,400	15~35	10 ⁵ / ₃₂	258	2.4	1.10	1/4	1/4	6.35	0.20	5
DS-5L	6.35	1,400	20~40	10 ⁵ / ₃₂	258	2.42	1.10	1/4	1/4	6.35	0.20	5
DS-5LH	6.35	1,400	20~40	10 ⁵ / ₃₂	258	2.30	1.07	1/4	1/4	6.35	0.20	5



AIR SCREW DRIVERS (special type)

- Low operator's fatigue due to compact, easy handling and comfortable grip
- Easy torque control depending on the operation condition
- Easy replacement of bit(Quick-change DRIVER ANVIL)



DS-4TS-10

- Easy and quick control of rotation direction, constant torque type because the auto shut-off clutch shuts down the air supply when the setting torque is achieved
- Specially used in the precision fastening process
- Quick changeable driver anvil
- Available 6.35mm bit by the customer's order

DS-4TL-10

- Easy and quick control of rotation direction
- Easy setting the reverse rotation after 1/3 rotation under push down
- More comfortable operation because the cushion clutch consist of cams and balls sliding on the on the inclined surface of cams
- Quick changeable driver anvil
- Available 6.35mm bit by the customer's order



• Torque control by the nut adjust



Nut adjust

Spring adjust

• Torque control

Torque is increased by turning the cross type driver clockwise



• Valve of rotation direction

Reversely rotated when pushes down as the arrow direction, and then fixed after about 1/3 rotation



• Quick changeable driver anvil 1/4" (6.35mm) Hex



Retainer sleeve



Bit is changeable by pulling forward the retainer sleeve

Model	Bit size	Free speed	Torque	Length		Weight (Without bit)		Thread air inlet	Hose size		Average air consumption	Recommended air pressure
	mm	r.p.m	kg-cm	in	mm	lb	kg	PT or N.P.T	in	mm	m ³ /min	kg/cm ²
DS-4TS-10	5	1,200	5~20	9.4	240	1.40	0.60	1/8	1/4	6.35	0.32	6
DS-4TL-10	5	1,200	5~30	9.4	240	1.40	0.60	1/8	1/4	6.35	0.32	6



EDGE CUTTERS

- Reduced operators' fatigue due to easy handling and light weight
- Easy moving along the surface of material and applied to materials bigger than $\varnothing 34\text{mm}$ to trim the edge
- High productivity and efficient operation



DAC-3TQ

- Easy changeable insert tip
- Multi purpose process because of various insert tips(linear or curve)
- Specially used in the field of ship building heavy industries for trimming process of steel plate edge
- Light weight & Easy Handling
- Easy to use because of the same body with Grinder

- Easy tip changeable type by separate tool holder
- No gear type, high quality trimming process because of low vibration, light weight and long durability
- Safety by applying the mechanism holding tool holder

DVC-3TS

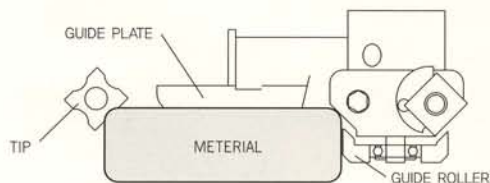


DAC-3T

- Easy changeable insert tip
- Multi purpose process because of various insert tips(linear or curve)
- Specially used in the field of ship building heavy industries for trimming process of steel plate edge

DC-3T

- One touch operation type without using a gear
- High torque without vibration
- Short rising time, easy handling and light weight



Model	Capacity		Max power	Cutting speed	TIP	Free speed	Length	Weight	Thread air inlet	Average air consumption	Recommended air pressure
	Fillet (R&C)	Minimum radius(R)	PS	m/min	EA	r.p.m	mm	kg	m ³ /min	kg/cm ³	inch
DAC-3TQ	1~4.5mm	17mm	1.4	2~3	1~3	8,000	270	2.8	0.32	6	PT1/4
DVC-3TS	1~4.5mm	17mm	0.7	2~3	1~3	7,500	138	3.4	0.32	6	PT1/4
DAC-3T	1~4.5mm	17mm	0.7	2~3	1~3	7,000	214	3.4	0.32	6	PT1/4
DC-3T	1~4.5mm	17mm	0.7	2~3	1~3	7,000	172	3.6	0.32	6	PT1/4



AIR DRILL, RATCHET WRENCH AND CHIPPING HAMMER



DR-8R

- Attachable the 3/8" drill chuck used in the industries
- Easy control of rotation direction using a rotation control lever

DRS-4R

- Straight type drill
- Easy control of rotation direction using a rotation control button
- Attachable the 3/8" drill chuck used in the industries



Model	Capacity (drill size)		Free speed	Spindle thread	Length		Weight		Thread air inlet	Hose size		Average air consumption		Recommended air pressure	
	mm	inch	r.p.m	inch	mm	inch	kg	lb	PT or NTP	mm	inch	ft ³ /min	m ³ /min	PSI	kg/cm ²
DR-8R	10	3/8	1,800	3/8	200	7 ⁷ / ₈	1.1	2.4	1/4	9.5	3/8	10.7	0.3	85	6
DRS-4R	6	1/4	2,500	3/8	225	8 ⁷ / ₈	0.6	1.3	1/8	6.35	1/4	10.7	0.3	85	6

RATCHET WRENCH



DRW-13A / DRW-10

- Easy control of rotation direction
- Easy control of Torque by an air regulator
- Durability at the head parts

Model	Hex size		Bolt size	Max torque	Free speed	Length		Weight		Thread air inlet	Average air consumption	Recommended air pressure	
	mm	in	size	kg.m	r.p.m	mm	inch	kg	lb	PT or NTP	m ³ /min	PSI	kg/cm ²
DRW-13A	12.7	1/2	M10~M14	5	150	254	10	1.15	2.5	PT1/4	0.50	85	6
DRW-10	9.5	3/8	M8~M12	3	250	165	6.5	0.5	1.1	PT1/4	0.35	85	6

CHIPPING HAMMER

DCH-24

- Widely used for removing the scales after welding, sand after casting and cutting process
- Short rising time and high power even light weight



Model	Chisel shank	Blow	Weight	Length	Average air consumption	Recommended air pressure
DCH-24	10.0mm	4000b/min	0.80kg	164mm	6kg/cm ²	0.2m ³ /min



OTHER • Maintenance parts of air tools or others



DIW-14N ANVIL AND HAMMER

- Long durability hammer and anvil for DIW-14N
- Long lifetime with strong power

VARIOUS ANVIL AND HAMMER

- Strong power with long durability

OIL FOR AIRTOOLS

- Lubricants for long lifetime, anti-rust and easy operation
- Removing the sludge caused of the speed down and power reduction
- Keep the maximum power and extend air tools lifetime

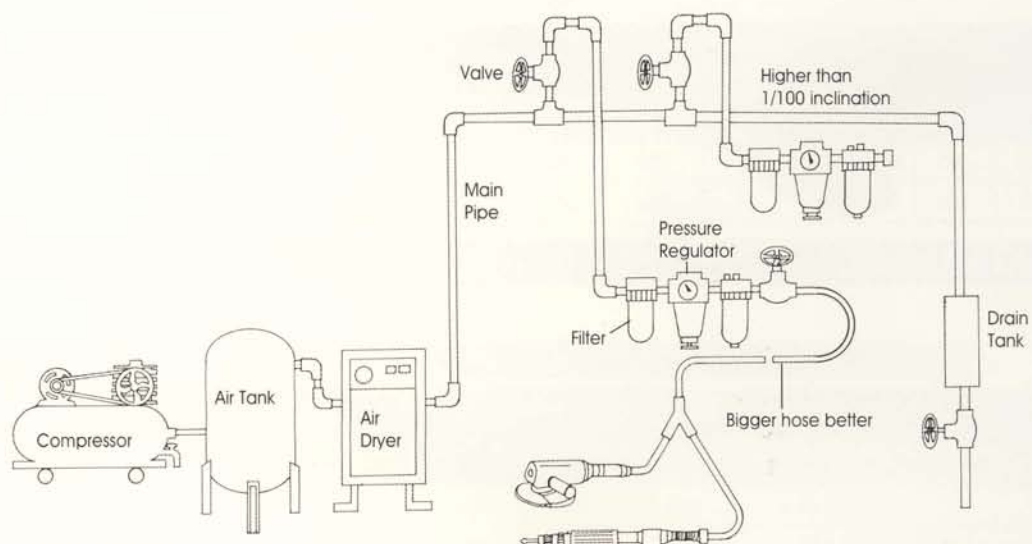
ALUMINIUM PAD

- Sustain the sand papers for painting pre-process
- Long lifetime and safety
- More strength compared to the plastic pad
- Usable 4" or 7"

AIR REGULATOR

- Control the air flowrate depending in the output
- Easy operation because of selecting the air flowrate according to the operation condition
- Control : 1-4stages

RECOMMENED ARRANGMENT OF AIR PIPING



SAFETY INSTRUCTIONS FOR USERS OF DAEWOO AIR TOOLS

Safety first!

In order to use air tools properly and safely, should read carefully and understand this instruction manual before operation. Keep this instruction manual at a best place near the working area for reading and referring before operation. Be careful not to remove the warning labels attached at air tools.

WEAR CLOTHING AND PROTECTORS

- Wear the proper clothing for safe operation(Fig.1)
- Not to wear loose clothing because the RPM of air tools is very high
- Wear a safety cap to cover all of the hairs
- Wear a safety eyeglasses, which should be consisted of an impact proof lens
- Wear a mask for protecting against the dust and particles which are generated during the operation and which are harmful for your health
- Wear an ear protector to reduce the noise and preserve your hearing ability
- Wear a safety shoes
- Take a time for relax when operators are tired
- Never touch to the rotating wheel



Fig.1

WORKING AREA AND ENVIRONMENT

- Keep working area clean and be careful not to slip by the oil or something like that
- Keep out flammable or explosive liquid or gaseous, they cause to fire by the spark generated during operation
- Do not operate in the explosive atmosphere, which is likely to blow up
- According to the operating condition, noise or vibration is generated. Be sure that it conforms all the local regulations
- When the working place is changed, move after stopping operation and disconnecting with the hose

PROPER OPERATION

- Be sure that the air pressure is supplied at the rated pressure
- Be sure that materials are tightened up before operation. If not, grinders would be broken by the vibration and it is very dangerous
- When attach the accessories at the tools, check the attached state. When handle air tools' parts, be careful not to touch the sharp edge
- Never use a grinder wheel which is too much abrasive, broken, twisted, defective etc. Broken parts of grinder during operation are very dangerous to machines as well as operator
- When replace the grinder wheel, be sure that the air hose is disconnected with the air tool
- Operate in a proper and comfortable posture, intable and improper posture would be caused of pain to operators' hand, foot or waist. Do not add strong shock to air tools and do not drop down or throw away them, which are assembled with precision parts. Strong shock causes of failure by the broken and twisted parts.
- Do not use air tools at the abnormal operation. Be sure that operation is under the air tools' capacity. Do not use air tools for other purposes except tools.

MAINTENANCE AND CHECK

- Keep air tools clean and safely after using them
- When air tools need repair, air tools should be checked by the manufacturer or the licensed agent. Repair by the operator causes of failure and serious damage to the operator
- When replace parts, should use the approved parts by the manufacturer. Other parts cause of failure and serious damage to the operator
- When need any special tools for dis- or re-assembly of air tools, inquire to the licensed agent or manufacturer
- Vent the pressurized air out for purification from the air tank everyday and mount air filter at the tank inlet
- Supply proper lubricants for air tools everyday to protect against the acidify process in inner parts and the abrasion by the high RPM
- Do not use improper or broken hoses or connectors

DISPOSAL

- Air tools consist of steel, iron, bronze, aluminium, rubber or some others. Be careful not to contaminate humans or environment when air tools are disposed