

Ensure that your tools achieve their full potential

To ensure that you benefit from the full potential power of your tools, Atlas Copco has developed a full range of air line accessories for use with Atlas Copco tools and air motors. All accessories can be used for other applications and pneumatic equipment.

PRODUCTIVITY

By using Atlas Copco's air line accessories you ensure that you have a correct air line installation for your tool. This will provide the correct air flow to the tool, ensuring that you benefit from its full potential power, and that you reach the correct torque in torque-controlled tools. By using the recommended accessories you will also minimize the service requirements of the tool.

ENERGY EFFICIENCY

With a correct installation you will not only achieve the tool's full potential power, you will also reduce energy costs. All Atlas Copco accessories are designed for minimum pressure drop, which ensures that the compressor is not "working overtime".

SAFETY

All accessories are designed to meet the highest demands for a safe working environment. Atlas Copco has developed a wide range of safety couplings, balancers and hose reels to meet today's high standards in terms of workplace safety.

ERGONOMICS

Operator health and well-being are important factors. Atlas Copco accessories, such as torque arms, balancers, screw presenters and reaction bars, enable you to configure ergonomically correct workstations for your operators.

QUALITY

All Atlas Copco accessories are made of the highest quality materials for long production cycles and to withstand rough treatment. Choose Atlas Copco accessories and you will be sure of high quality products.



Product Safety

All local safety regulations with respect to installation, operation and overhaul must always be followed. Please read the separate instructions regarding safety which are supplied with all products in order to improve your own safety!

BALL VALVE

- Switch off the compressed air with the ball valve when you are not working (see fig. 1).
- Open all ball valves gently in order to discover improperly tightened devices (see fig. 5).

AIR PREPARATION UNITS

- Please check for solvents which change the structure of polycarbonate^a bowls.

These solvents make the polycarbonate brittle so it can break. Normally polycarbonate is not easy to break. If you need to use aggressive solvents, please contact us and we will help you choose the right equipment.

- Use bowl guard.

An easy way to eliminate this type of accident is to use a bowl guard on MINI and MIDI units. The MAXI unit has an aluminum bowl with a new, more chemical resistant plastic on the inside as standard.

Check that the bowls are properly tightened and that all units are fitted together before switching on the compressed air with the ball valve.

QUICK SAFETY COUPLINGS

To increase the safety and reduce the risk of operator injuries we recommend you to always buy couplings with a safety function. Couplings with a safety function are disconnected in two stages in order to vent the coupling and minimize the risk

FOLLOW THIS ORDER WHEN WORKING WITH CLAW COUPLINGS.

How to open a claw coupling:

- 1 Close the ball valve.



- 2 Run the tool so the air ventilates out.



- 3 Release the claw coupling.



of sudden component separation, which has the potential to cause operator injury.

Never open a quick coupling with a screwdriver in order to ventilate the air.

CLAW COUPLINGS

- Be very careful (see fig. 1+2+3).

They are always open and must be used very carefully. To increase safety when using claw couplings, we recommend the claw LNH claw coupling with a lock nut.

CLAMPS AND CONNECTIONS

- Avoid screwdrivers when tightening.

Check that they are properly tightened. Avoid screwdrivers when tightening, they can easily slip and damage your hand. Use a wrench. If you need to use a screwdriver, mount the clamp in a vice.

HOSES

When mounting hoses on hose connections, use water and soap in order to make the hose slip on to the connection. Do not use oil. Water and soap will dry up. Remove leaking hoses. A small leakage can quickly become a large hole.

BLOW GUNS

- Use the safety version. It eliminates the risk of air at high pressure coming into direct contact with skin.

^a Polycarbonate has good chemical resistance to all solvents except chemicals containing acetone, benzol, glycerine, some hydraulic and synthetic oils, chloroform, methyl alcohol, carbon tetrachloride (and similar solvents), carbon disulphide, perchloroethylene, toluene, trichloroethylene, xylene (nitrocellulose, thinner), acetic acid.

How to close a claw coupling:

- 4 Make sure that the two claw couplings are mounted together.

Use claw couplings with lock nut (LNH) or use a lock spring for safer locking.



- 5 Open the ball valve gently.

