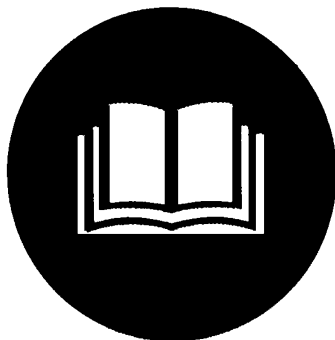


Ratchet spanner 1/2" ST with case



English



1/2" adaptor







Item no.: 201354

Please read these operating instructions carefully
before using the device.





EN	Complaints and orders for replacement parts are processed quickly and efficiently. Please contact us using the information below.		
	Tel.: +49 6182 / 99387-0	Fax: +49 6182 / 99387-20	Email: info@aerotec.info

Labelling:




Product safety – prohibition signs:

			
Complies with EU standards	Prohibition sign	No loose clothing!	No jewellery, etc.

Warning – mandatory action signs:

			
CAUTION/WARNING	Observe operating instructions	Wear hearing protection	Wear eye protection

Environmental protection:

		
Dispose of properly	Cardboard packaging material can be recycled at designated collection points.	Electrical or electronic devices that are faulty or are ready for disposal must be recycled at designated collection points.

EC declaration of conformity

We the supplier,
pro)SALES GmbH
Ferdinand-Porsche-Straße 16
63500 Seligenstadt
Germany

hereby declare that the following designated devices, based on their design and type as well as the versions placed on the market by us, meet the relevant fundamental health and safety requirements set out in the EU Directives.

Any modification to the devices not approved by us invalidates this declaration of conformity.

Device designation:

1/2" ratchet spanner set with case ST, item no.: 201354

Date/Signature of manufacturer: 22/10/2012



Information on the signatory: Mr Markert, Managing Director

Relevant EU Directives:

2006/42/EC

Applicable harmonised standards:

EN 792; EN 50144

Device:

Technical data:

Aero 1/2" ratchet spanner PRO	
Operating pressure:	6.3 bar
Air consumption:	110 l/min
Threaded connection	1/4" internal
Drive:	1/2" square
Max. torque:	60 Nm
Rec. hose cross-section:	6 mm
Sound power level:	98 dB (A)
Weight	1.1 kg
Item no. 201354	

Included in delivery:

- 1 x 1/2" ratchet spanner ST
- 1 x socket set with extension
- 1 x SK nipple 1/4" external
- 1 x operating instructions

General safety instructions:



Safety note! Failure to comply with the following instructions may lead to injuries.

Read all instructions very carefully before using the pneumatic tool. All users must be fully aware and sufficiently informed of the safety requirements when using pneumatic tools. Any servicing or repair work must only be performed by trained specialists. Only impact sockets should be used with ratchet spanners. Never use impact sockets with a worn square drive. Ensure before every use that the square drive on the impact sockets and extension or spindle of the ratchet spanner are not worn. Always ensure that the work surface and working position of the tool are stable and secure before using the tool. Ensure before every use that the torque setting is correct. An incorrect setting may cause the screws to break off and cause the tool to move uncontrollably. Ensure before use that the direction reversal pin is in the correct position for clockwise or anticlockwise rotation. Regularly inspect the pneumatic hose and all connections for wear or damage. Always carry the tool by its handle and not by the hose. **Never exceed the recommended maximum operating pressure (6.3 bar).**

The tool is not earthed or electrically insulated. Never use the tool where there is a risk of contact with electricity. We recommend disconnecting the air supply when changing the impact sockets. The trigger switch must not be operated during this process.

Ensure that there is sufficient room behind the tool when loosening screws, so that your hand does not get stuck.

If the tool exhibits signs of irregular function and performance during use, stop using it immediately and have the device serviced or repaired.

Do not use unnecessarily long pressure hoses in order to prevent tripping hazards.

Read the operating instructions for the compressor and follow the safety instructions for using the compressor.

ALWAYS wear certified eye protection and hearing protection.

Take off watches, rings and other items that may interfere with safe operation. Loose clothing or jewellery may get caught in the air compressor or in the air tool and lead to injuries.

The trigger switch must not be operated when the device is connected to the air supply.

Disconnect the device from the air supply when it is not in use. NEVER change accessories or carry out ANY maintenance work as long as the device is connected to the air supply.

Carry out proper maintenance on the device and follow all instructions for lubrication and tool maintenance.

Do not carry the device by the hose or rip the hose from the air supply, as this may damage the hose and connection parts. Do not allow the hose to come into contact with heat or sharp edges. The hose should be replaced if it is damaged or worn.

NEVER operate the device with an air pressure exceeding 6.3 bar. Use a pressure controller that reduces the air pressure to 6.3 bar.

ALWAYS operate the device a safe distance away from other people or animals.

Before starting:

Air supply

Lubricate the device before using it (see final page of this document). We recommend using an oil-fog lubricator.

Assembly

Always disconnect the air supply hose before inserting or removing impact sockets or attachments.



Safety note!
Wear eye protection! Wear hearing protection!

Ensure that only compressed air that is condensate-free is used for operation. It is sufficient to connect a filter water separator between the tool and compressor.

Next, start the air compressor. The maximum operating air pressure for the tool is 6.3 bar. The operating pressure can be set on your compressor using a pressure controller.

The output (torque) of ratchet spanners under prime working conditions is mainly determined by two factors:

- a) the operating pressure used
- b) the duration of the work carried out on the screw connection. The normal duration of work on a screw connection is 3–5 seconds on average.

Maintenance and care

Lubrication

1. Disconnect the ratchet spanner from the air supply.
2. Place 4–6 drops of air tool oil or another suitable oil in the air inlet while the trigger switch is pressed.
3. Then reconnect the tool to the air supply and let it run for approximately 30 seconds in order to eliminate any superfluous oil.

This lubrication process helps reduce moisture, dust and dirt that accumulates over time in any air tool and affects its performance. Using an integrated oil tank is the best protection against this.

Every 4 months, or if the ratchet spanner is not used very often, the air hose should be removed and a larger amount of air tool oil should be poured into the air inlet. Then reconnect the air hose and let the ratchet spanner run for approximately 20 seconds in order to clean the air tool's motor. After cleaning, follow the instructions for lubrication.

Problem	Possible cause	Solution
The ratchet spanner is not working or is only running slowly	Insufficient air pressure, hose diameter is too small	Check the air pressure at the inlet. It must be at least 6.3 bar.
	Air pressure is set too low	Increase the pressure to 6.3 bar.
	Ratchet spanner needs to be lubricated	See maintenance instructions.
	Ratchet spanner needs to be cleaned	See maintenance instructions.
	Air hose is not leak-tight	Check all hose fittings.

Troubleshooting

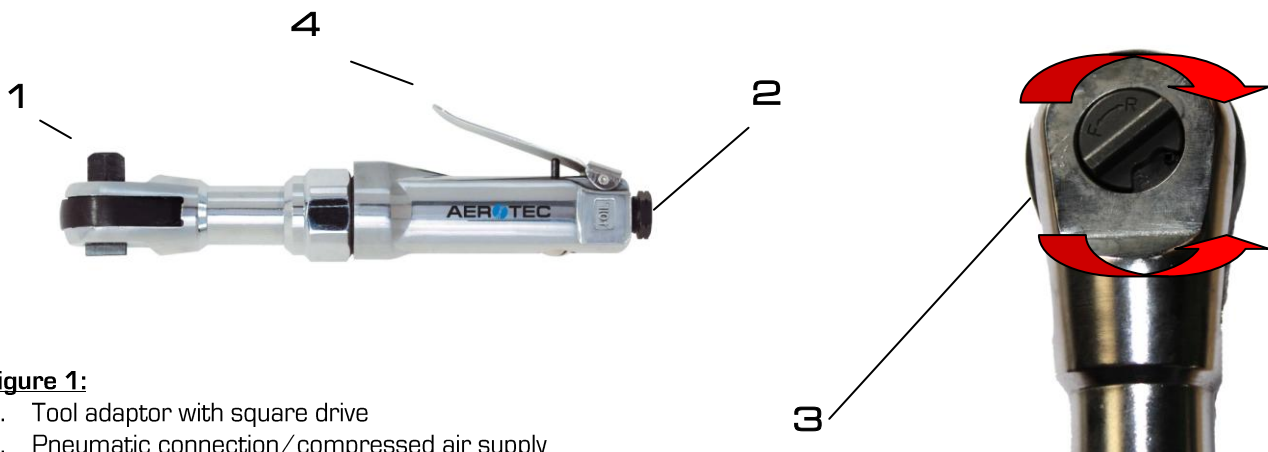
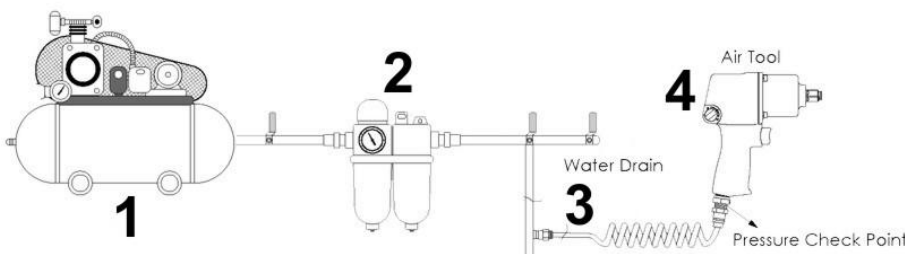


Figure 1:

1. Tool adaptor with square drive
2. Pneumatic connection/compressed air supply
3. Direction reversal pin for clockwise or anticlockwise rotation
4. Trigger switch

Switching the direction reversal pin [3] changes the rotational direction.



Recommended for use:

1. Compressor
2. Filter unit with fog-oil lubricator
3. Stop cock
4. Air tool