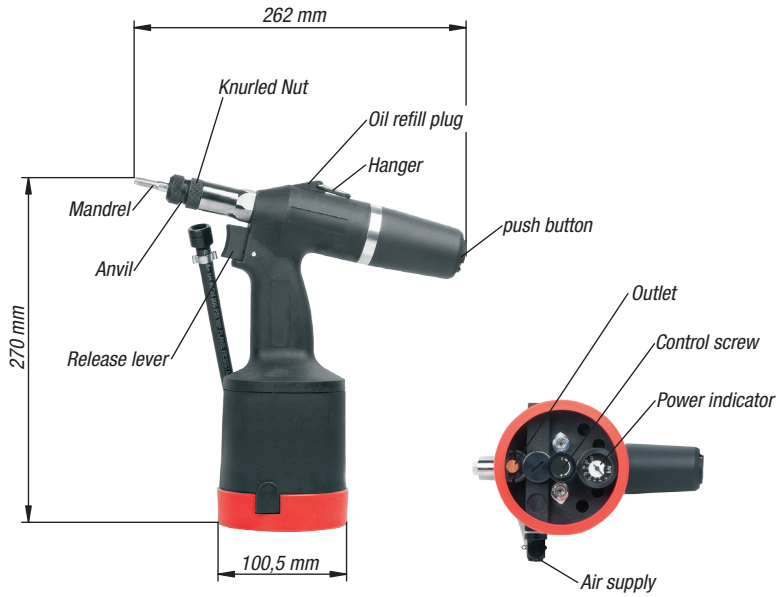
Technical information for pneumatic assembly tools for threaded inserts



These pneumatic assembly tools have been specially developed for rapid, precise and reliable installation of threaded inserts. They are ideal for industrial large batch assembly and are characterised by an ergonomic design, simple handling and high repeat accuracy.

Technical data:

Features	Specification
Operating pressure	5 - 7 bar
Air consumption	1.5 l / stroke
Press force at 6 bar	23 kN
travel	8 mm
Drive	pneumatic, rotating
Weight	2 kg
Recommended air quality	compressed atmospheric air, free of solid particles and water, lubricated with anti-corrosion oil

Applications

- Automotive industry
- Machine and plant construction
- Electronics and plastic processing
- Repair and maintenance

Suitable for:
- Threaded inserts K0398
- Reinforced threaded inserts K0399

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Operating Instructions

1. Select installation insert:

- Screw in the mandrel for the matching threaded attachment as far as it will go. If necessary, unscrew slightly so that the flats on the tool and the mandrel are aligned.
- Place the anvil over the spanner flats and screw it on. Lock with the knurled locknut.

2. Prepare the connection:

- Connect the tool to a regulated compressed air port (max. 7 bar).
- Press and hold the trigger to read the press force on the force indicator (under side). The press force is increased or decreased by turning the control screw. Repeat until the recommended press force is achieved.

3. Installation process:

- Screw the threaded insert a few turns into the base material to ensure a secure guide.
- Place the assembly tool in line onto the threaded insert and press down lightly. This starts the spindle and the threaded insert is screwed fully into the base material.
- When the spindle stops, the locking wedges should rest against the anvil. Press the trigger to activate the pneumatic drive and press in the locking wedges.
- Release the trigger to automatically unscrew the mandrel from the threaded insert. If the mandrel does come completely out of the threaded insert, a correction can be made using the push button.
- If the locking wedges are not fully pressed in, either the press force must be increased or the anvil position must be adjusted.

4. Changing the threaded attachment:

- Loosen the knurled locknut, unscrew the anvil and mandrel and fit the new attachment according to the operating instructions.