

Flaring, Bending & Cutting Tool Set for 4.75 mm (3/16") Brake Pipes



COMPONENTS

- 1 Pipe bending tool
- 2 Open End / Ring Spanner 10 mm
- 3 Open End / Ring Spanner 17 mm
- 4 Stop screw
- 5 Flaring screw
- 6 Flaring device with clamp jaws
- 7 Brake pipe ratchet cutter
- 8 Flaring grease

ATTENTION

Read these operating instructions carefully and observe all safety instructions before using the product.

INTENDED USE

The tools included in this set are used for bending and flaring brake pipes according to DIN ISO F. The included ratchet brake pipe cutter (7) is self-adjusted and can be used to cut brake pipes. The ratchet function on pipe cutter makes particularly well-suited for easy operation in the smallest space, a turning of the complete tool around the brake pipe is not required. The included tools are suitable for 4.75 mm (3/16") brake pipes, made of copper, aluminum and steel.

SAFETY INFORMATION

- Always read the instructions carefully before using the tool.
- The repair of brake systems is best taken care of by professionals. Should you encounter any difficulties or problems, consult a qualified technician.
- Follow the manufacturer's specifications. This manual is supposed to inform you about the tool itself and does not replace specific servicing handbooks.
- Make sure that all brake pipes and their connections are free of leakage.
- Only use brake fluid from new and originally sealed containers to bleed the brake system and to top up the reservoir.
- Never fully depress the brake pedal, otherwise the piston in the master cylinder will move beyond the normal range of operation, this can damage rubber seals in the master cylinder!
- After the bleeding process and before start driving, check whether a good brake pressure is present and the brake pressure does not decrease when the brake pedal is pressed.
- Ensure the working area has adequate lighting.
- Keep children and unauthorized persons away from the working area.
- Do not let children play with this tool or its packaging.
- Keep working area clean and tidy, dry and free from unrelated materials.
- Only use the tool set for the purpose for which it is designed.
- When using the product, be sure to wear the correct safety clothing and take protective measures.
- The use of protective gloves, safety glasses and safety shoes is recommended.
- Check the condition of the tool regularly and replace damaged parts.
- Always keep the thread clean and well oiled. Careful maintenance guarantees the operational readiness and longevity of the tool.
- Before use, familiarise yourself with the correct use of the tool to be used, taking into account the necessary safety measures.

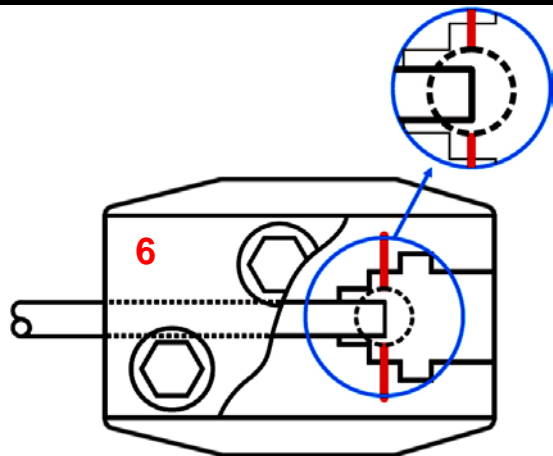
USE

Use with inspection hole (option 1)

Insert the brake pipe into the flaring tool (6) to the center line of the inspection hole.
Tighten the two clamping screws by using the spanner (2) to fix the brake pipe.

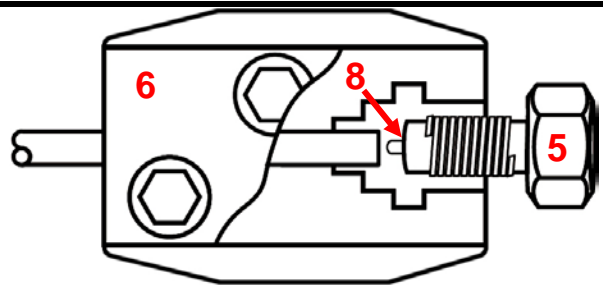
Caution

If the two clamping screws are not sufficiently tightened enough, the brake pipe may slip during the flaring process, a clean flaring is then no longer possible.



Lubricate the stamp of the flaring screw (5) with a little flaring grease (8). Insert the flaring screw with the stamp end first into the flaring device (6).
Tighten the flaring screw completely to the hexagon by using the spanner (3).

Remove flaring screw, loosening the clamping screws and remove the ready flared brake pipe.

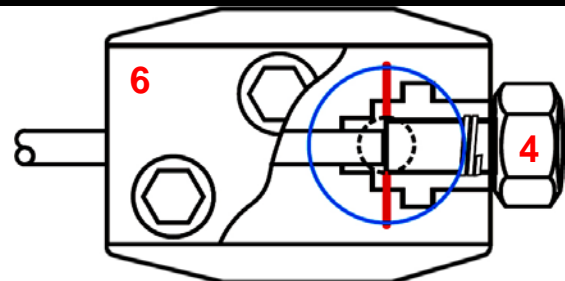


Use with inspection hole (option 2)

Insert the brake pipe over the center line of the flaring device inspection hole.
Tighten the two clamping screws slightly.
Insert the stop screw (4) by using the spanner (3) into the flaring tool up to the hexagon.
Tighten the two clamping screws by using the spanner (2) to fix the brake pipe.

Caution

If the two clamping screws are not sufficiently tightened enough, the brake pipe may slip during the flaring process, a clean flaring is then no longer possible.



Remove the stop screw (4).
Lubricate the stamp of the flaring screw (5) with a little flaring grease (8). Insert the flaring screw with the stamp end first into the flaring device (6). Tighten the flaring screw completely to the hexagon by using the spanner (3).

Remove flaring screw, loosening the clamping screws and remove the ready flared brake pipe.

