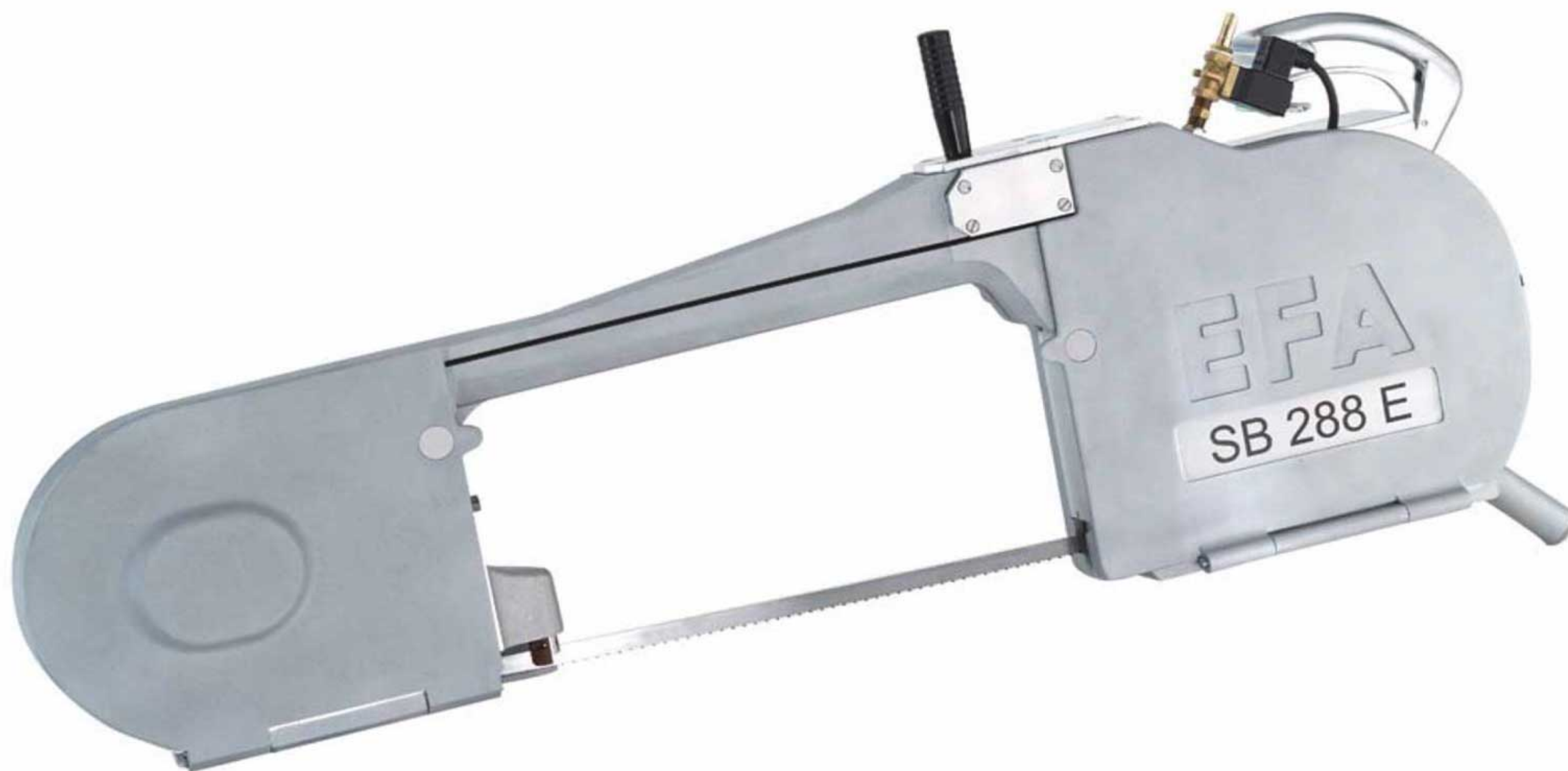


Operating instructions / Betriebsanleitung
Maintenance instructions / Wartungsanleitung
Sparepart list / Ersatzteilliste



EFA SB 288 E

Splitting Saw
Halbierungssäge



Important Information:

Please forward these operating instructions to your operating personell!

Wichtige Informationen:

Diese Anleitung unbedingt dem Bedienpersonal aushändigen!

removing the saw from the pulley.

When the splitting saw is not used, it must be stored in such a way that persons cannot inadvertently come into contact with its band, as it is extremely well honed.

3.1.2 Connection to electric power supply

The splitting saw is driven by an electric motor and must be connected to the mains by an approved electrician according to the applicable statutory regulations and the instructions of the local energy supply company.

- At a motor voltage of 200-480V, the saw must be protected with a residual current circuit breaker (to be provided by operator).
- Before connecting the safety transformer (only for motor voltage 42V), check the operating data of the power supply mains and the settings of the transformer.
- When connecting the contactor (only for motor voltage 42V) to the secondary transformer output, ensure that all cable cross-sections conform to the specifications in Anhang A.3.4 "Leitungsquerschnitte/ Cross-sections of lines" (S. 16).
- The connecting cables of the machine must be connected according to the circuit diagram.
- The machine conforms to VDE standards and the European Machinery Directive 98/37/EC. For safety reasons, the unauthorised modification and extension of the machine in general and its safety devices (safety cover) in particular are prohibited. The manufacturer shall not be liable for damages caused by modified equipment. Modifications to the machine void all warranty.
- Check the motor's direction of rotation.



Figure 1: Direction of movement of band

3.1.3 Connection to water supply

The water spraying system of the EFA SB 288 E is controlled by means of a solenoid valve that is connected directly to the motor switching system. The machine is only equipped with one connection

for cold water.

3.2 Operation of switch

- Before switching on the saw, ensure that the saw band is properly positioned on the drive and guide wheels and in the two guides!**



Before switching on the saw, the following checks must be carried out, as this helps prevent damage to the saw band and interruption in the processing workflow.

Before switching on the machine, check whether

- the band saw is in proper working order
- the saw band is properly inserted
- the water supply has been switched on and is connected correctly
- the suspension mechanism is correctly mounted and in proper working order
- the guides are flexibly mounted and not rigid.
- Mount a share saw band only immediately before starting working with the tool (see chapter 4.1.2 "Changing saw band" (page 6)).
- All general safety instructions chapter 2 "Safety instructions" (page 3) must be strictly adhered to.

Before switching on the machine, ensure that both covers (B) are closed (switch-on protection).

The EFA SB 288 E is equipped with a switching lever and a fixed handle.

The EFA SB 288 E is equipped with one switching handle and one guide handle. See also Abb. 2.



Figure 2: Switching ON

- Open the lids (B), see chapter 4.1.1 "Dismantling saw band" (page 6).
- Tighten the saw band, see chapter 4.1.2 "Changing saw band" (page 6).

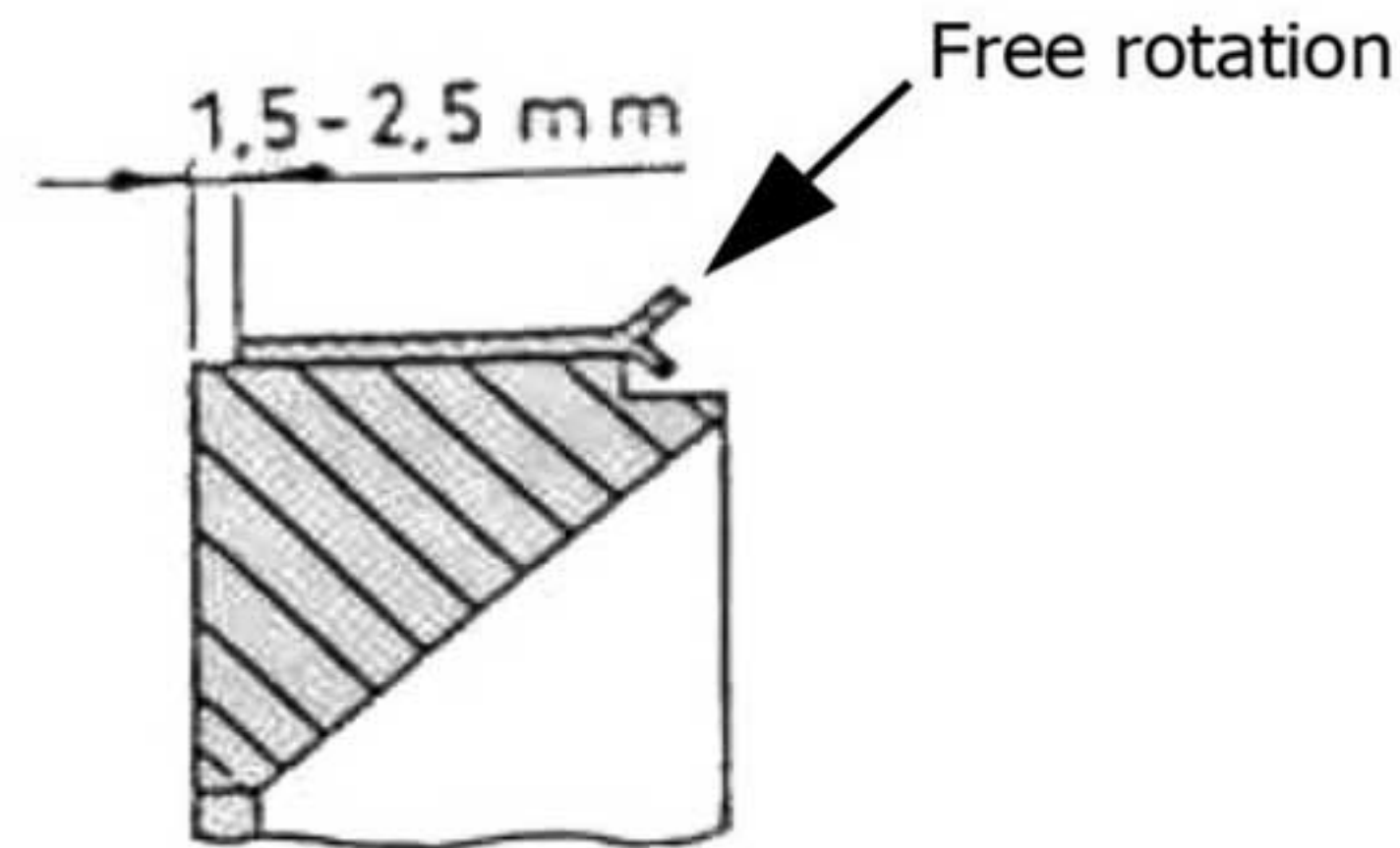


Figure 6: Distance between drive/guide wheel to saw band

Changing guide

The figure shows the bar of model SB295; the procedure for changing the guide mechanism is the same for models SB287, SB288 and SB295

If the gap is wider than 2. mm, change the fibre guide (see figure 7).

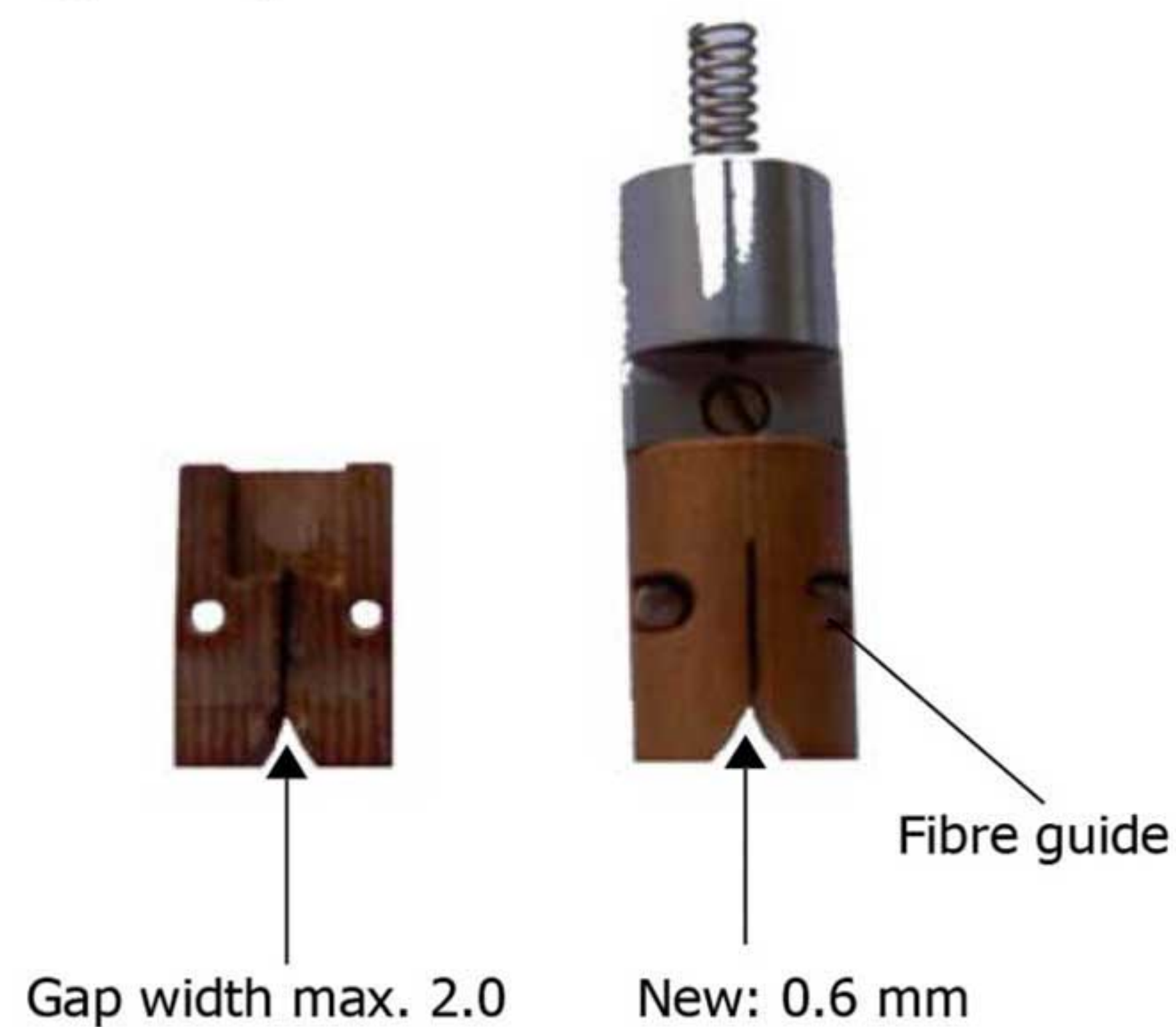


Figure 7: Changing guide

Removing guide from strip

To remove the guide from the strip, proceed as follows:

Complete guide mechanism



Figure 8: Guide

1. Push guide up.

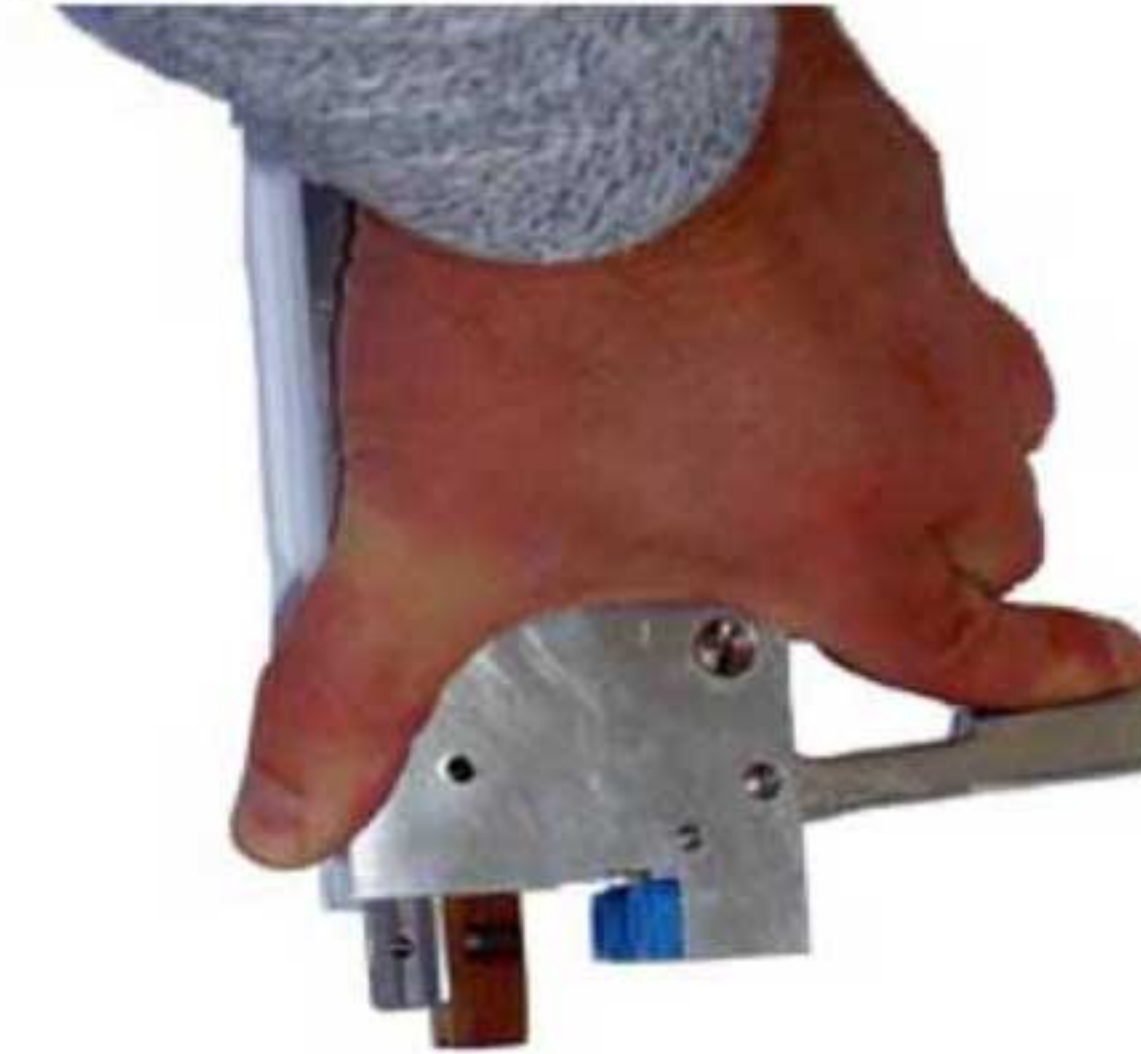


Figure 9: Guide pushed up

2. Hold guide in top position.

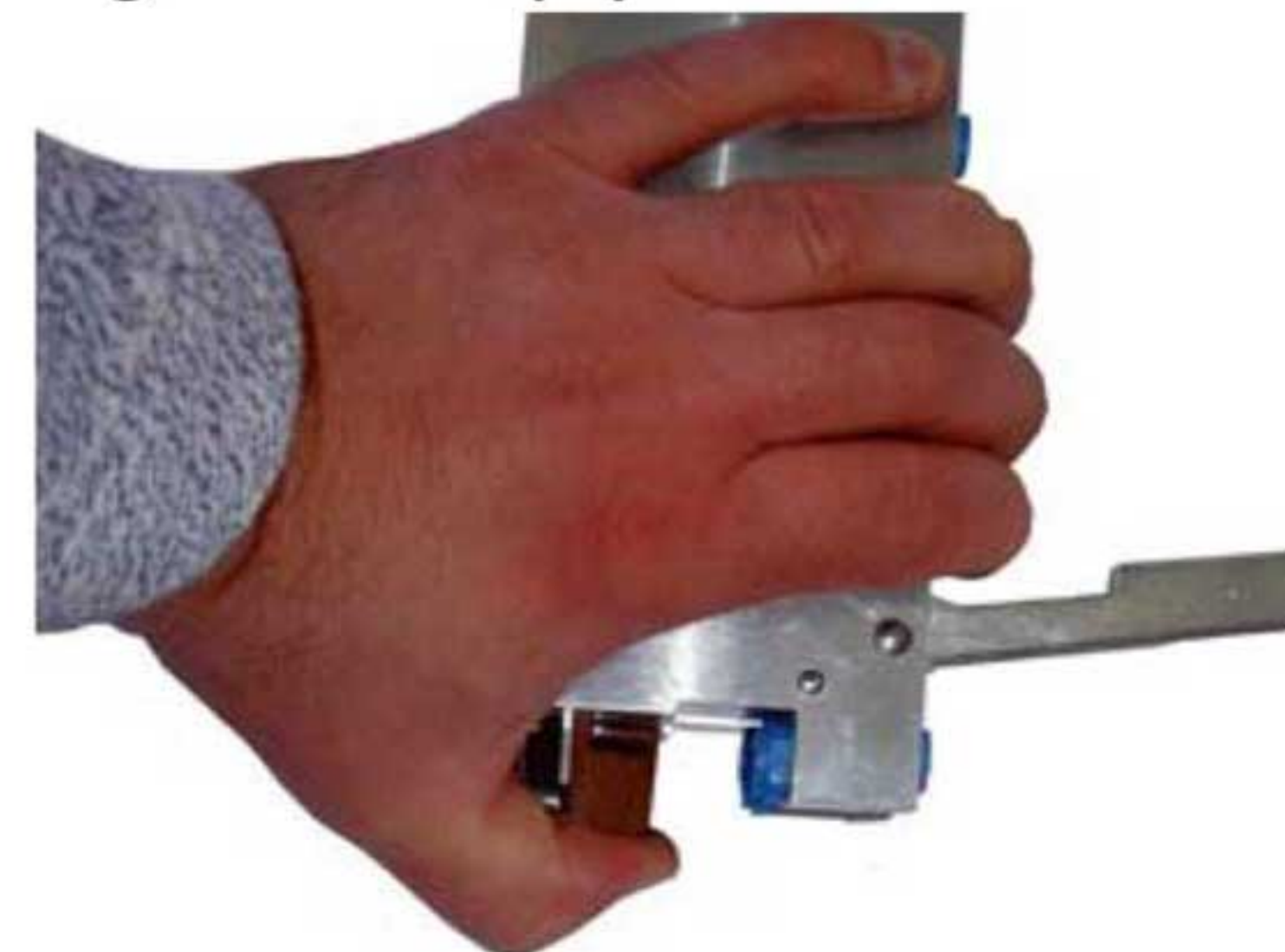


Figure 10: Guide in top position

3. Remove the lever (64) from the holder.

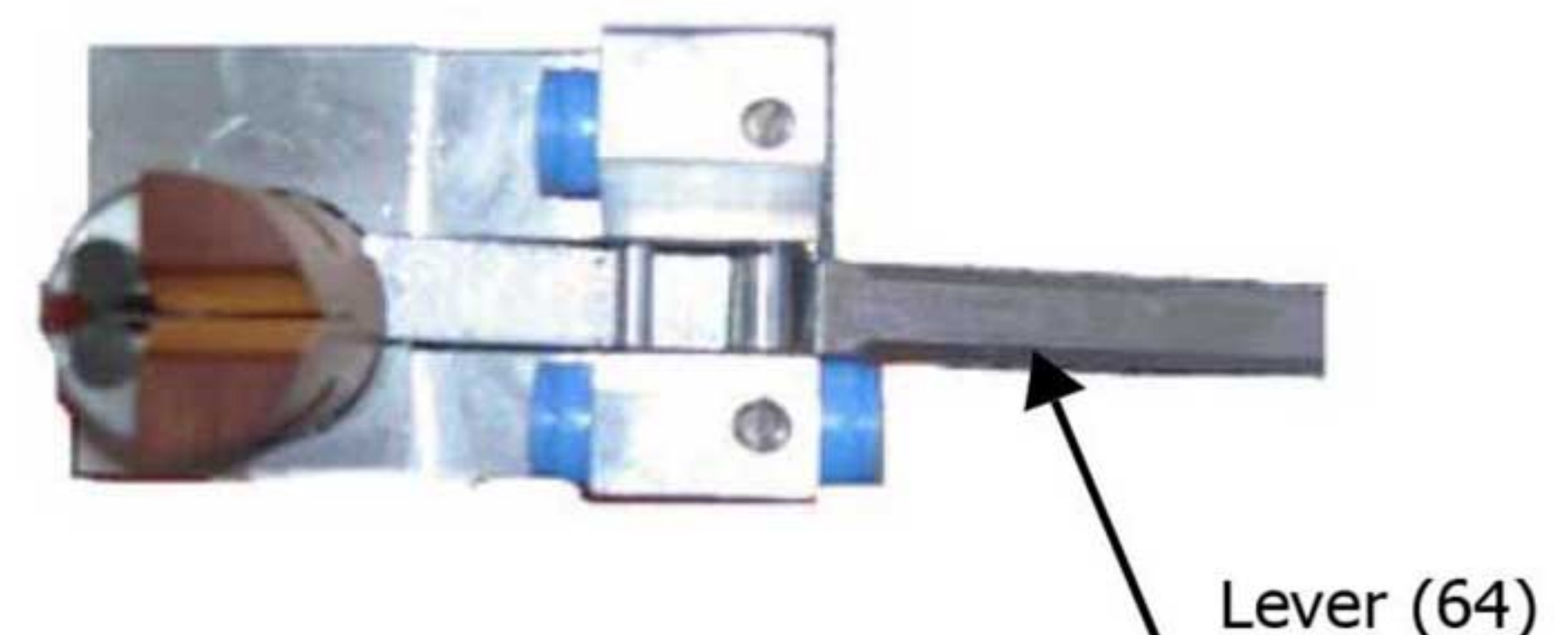
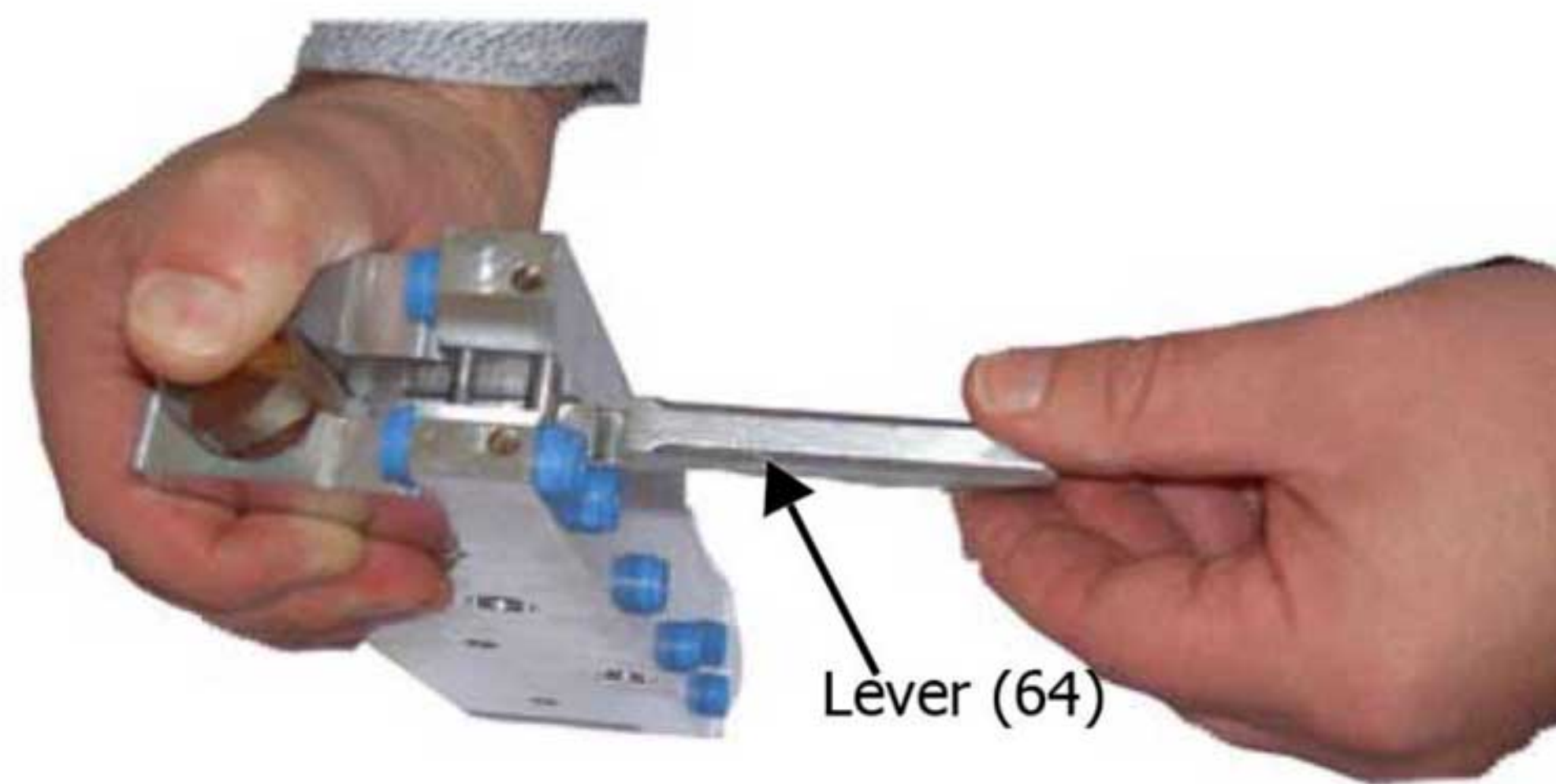


Figure 11: Lever (64)

Figure 12: Removing lever from holder

4. Dismantle the guide and lever.


Figure 13: Dismantling guide and lever

4.3 Adjusting spring-loaded pulley

The spring-loaded pulley can be adjusted by turning the PLUS/MINUS screw at the housing (see figure 14).


Figure 14: Spring-loaded pulley

- Turn the screw in MINUS direction until the tool is balanced and suspended at the correct height.

If it is not possible to pull more cable from the pulley, it is jammed and must be readjusted.

- Turn the screw in PLUS direction until cable can be pulled from the pulley and repeat the fine adjustment (see above).

5. Maintenance

Malfunctions that might occur during operation can generally be eliminated very simply. Table 1: "Troubleshooting" lists possible faults, their causes and remedies.