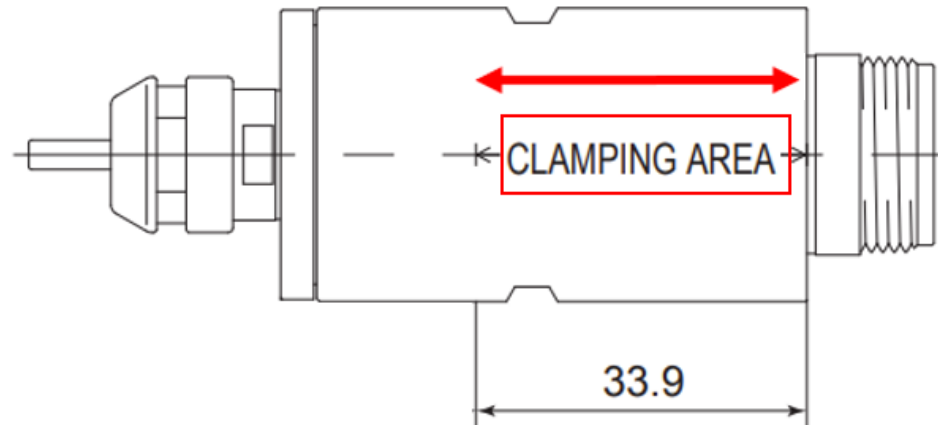


# How to Install the Grip Ring to the Spindle



# Recommended Clamping Area

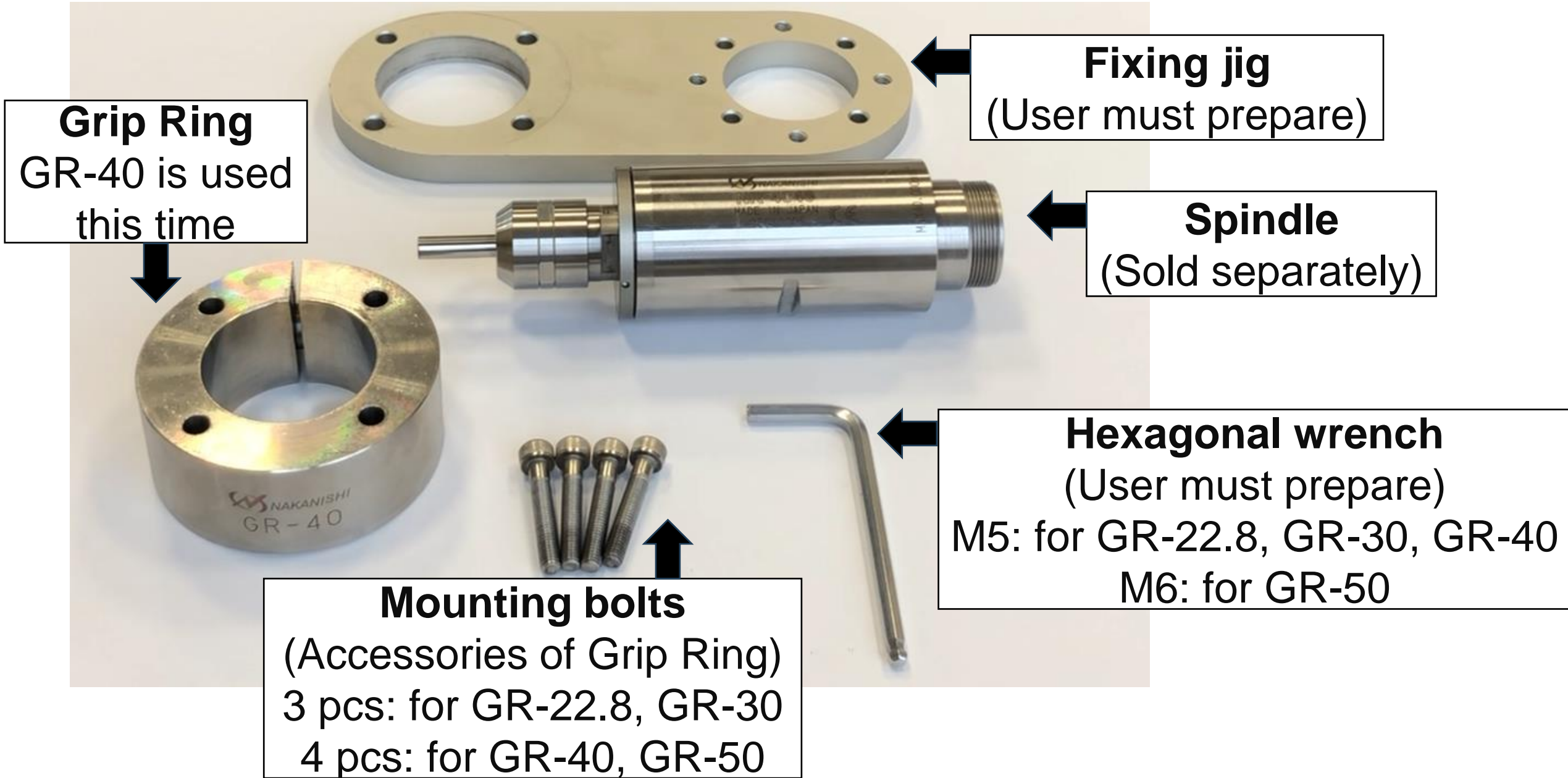
The position where the grip ring can be installed is determined for each spindle.

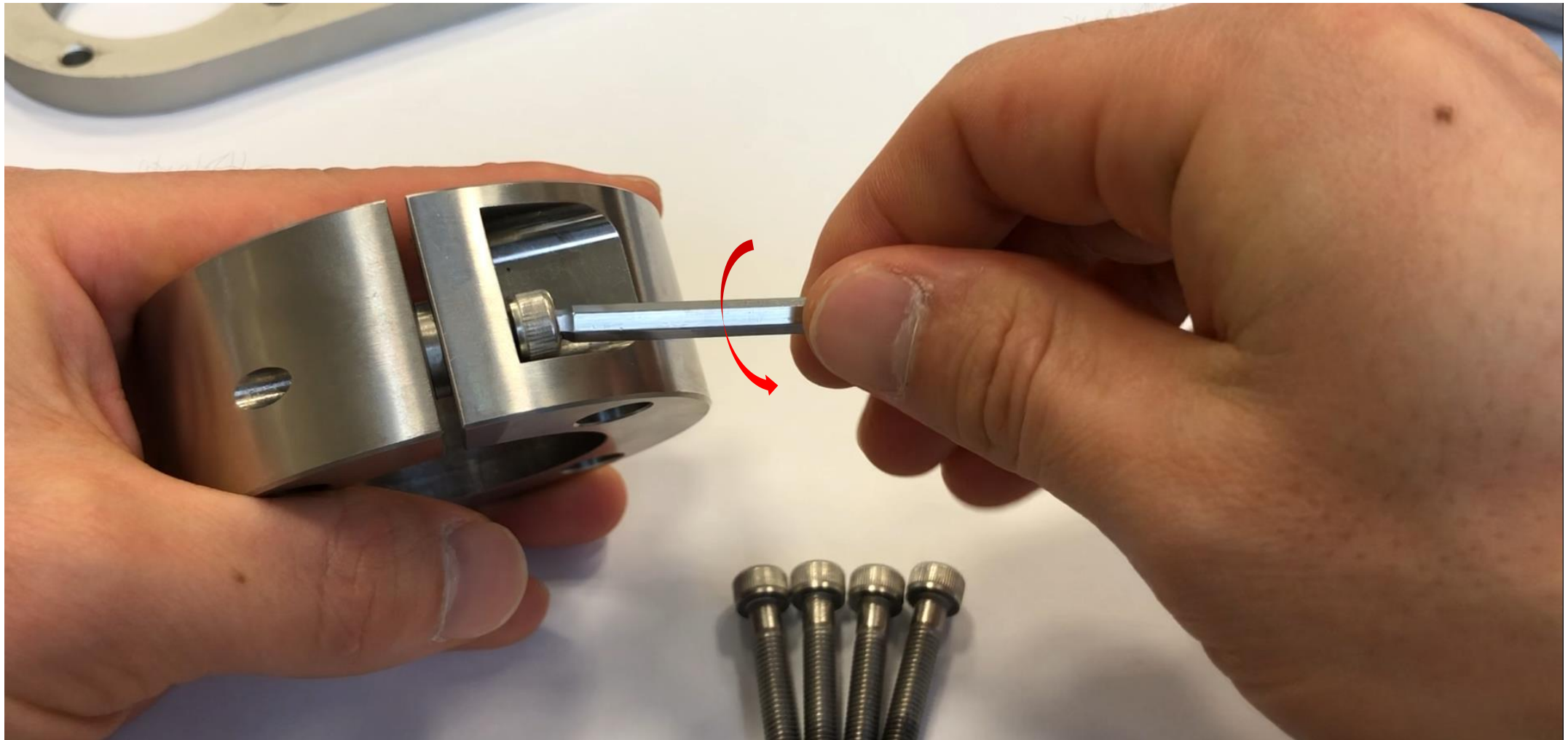


Installing the Grip Ring outside the clamping area may result in premature failure.

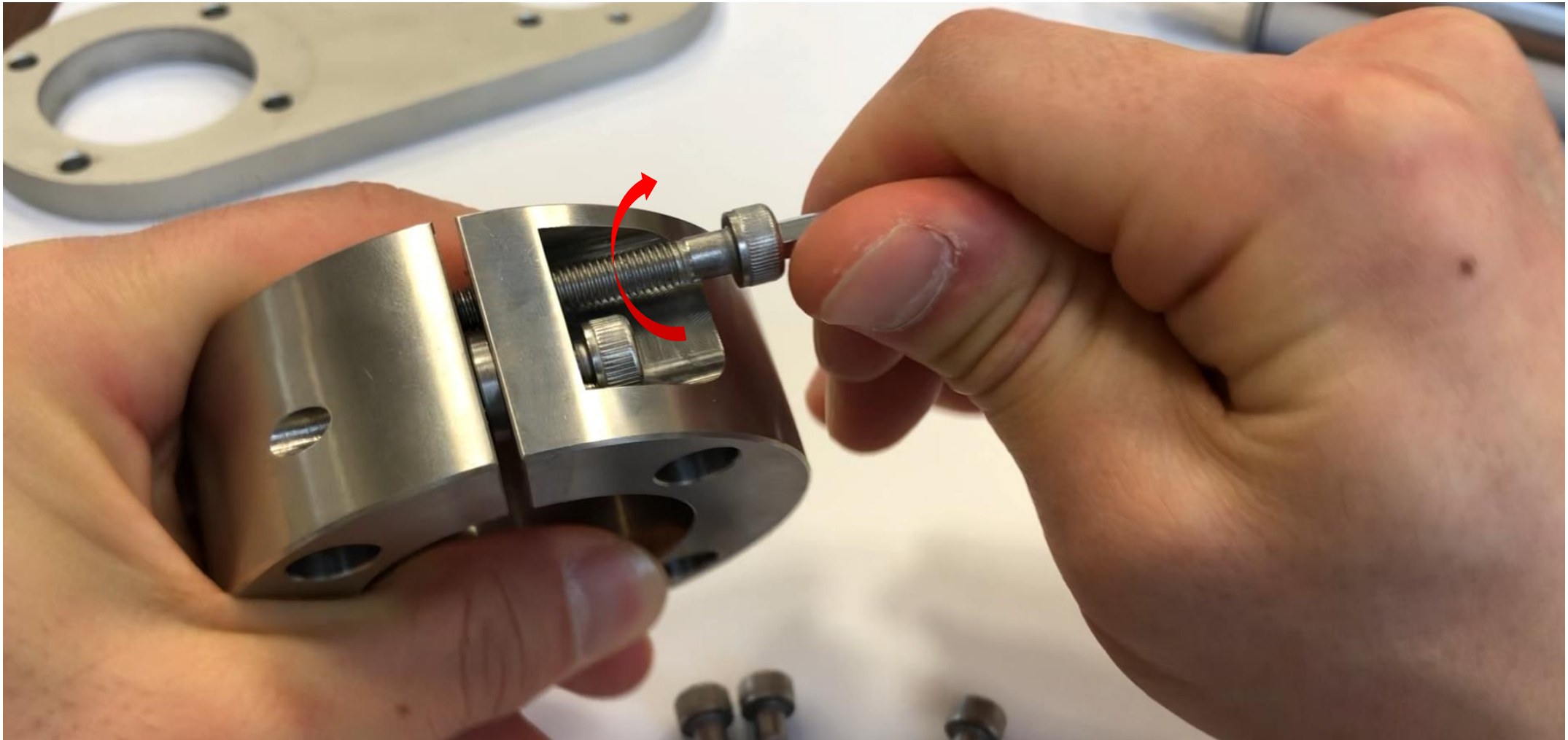
Please check and pay attention to this before installation.

# Preparation





Loosen the lock bolt of the Grip Ring.

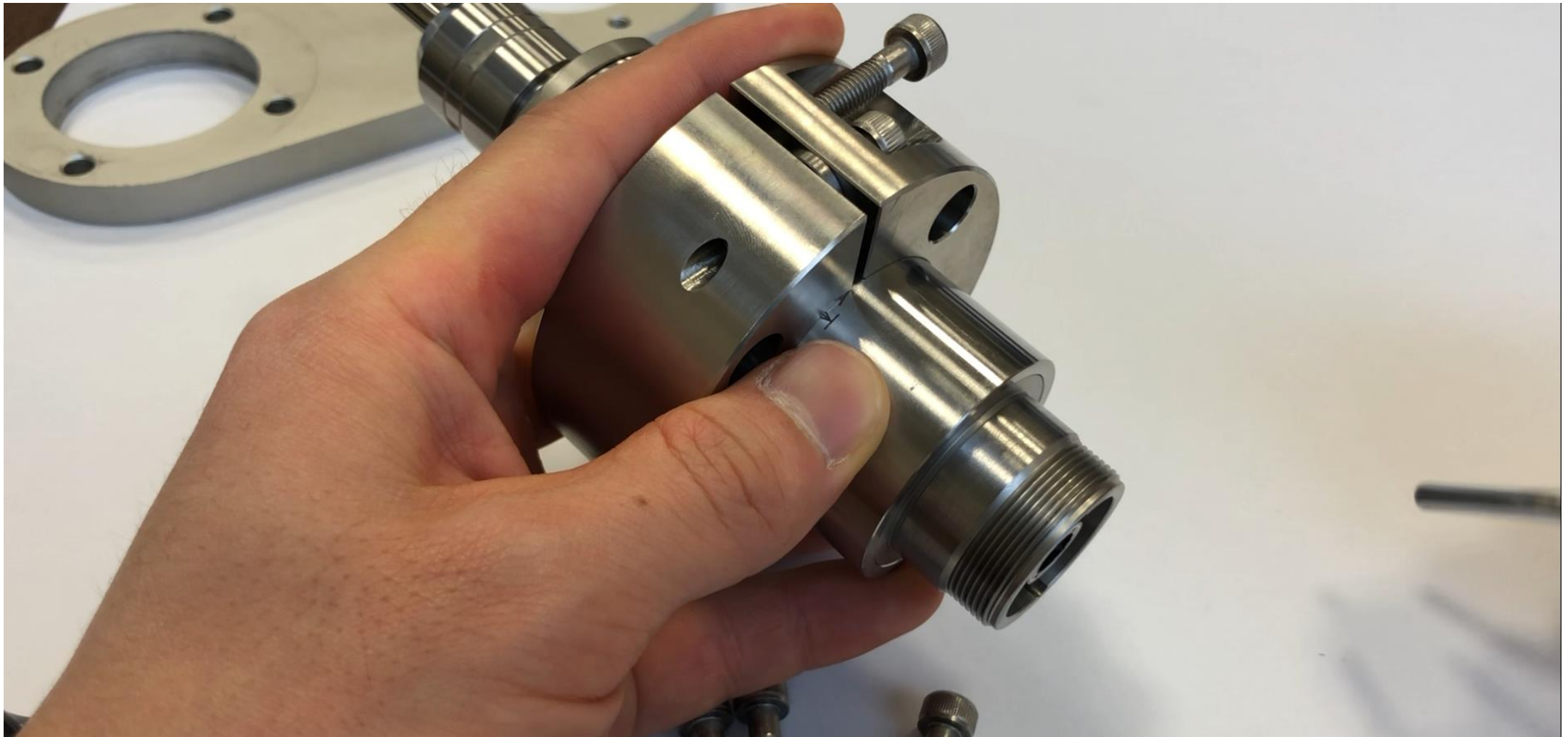


Tighten the provided mounting bolt into the removal screw hole to widen the inside diameter of the Grip Ring.

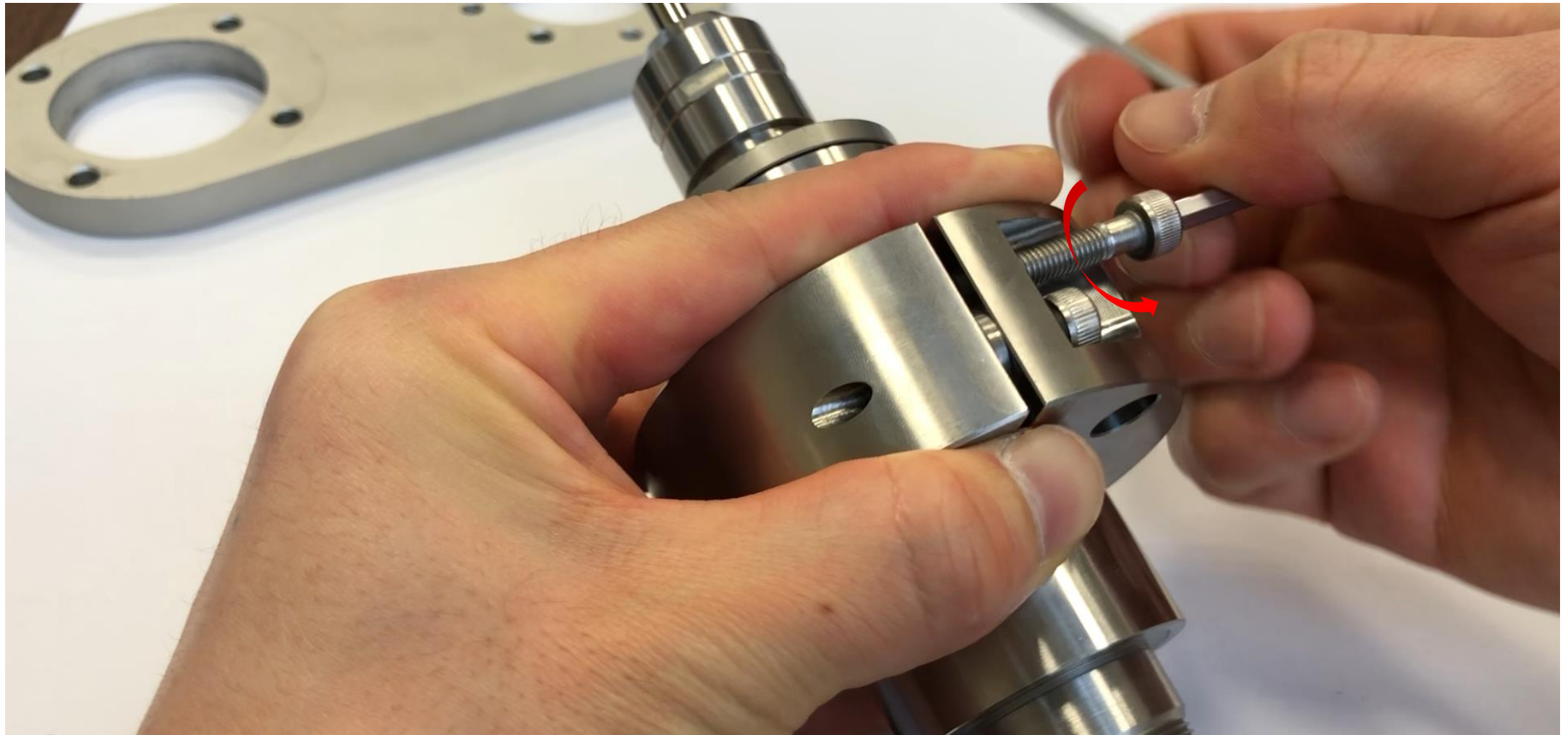




Insert the spindle into the Grip Ring.  
Confirm the position of the clamping area.

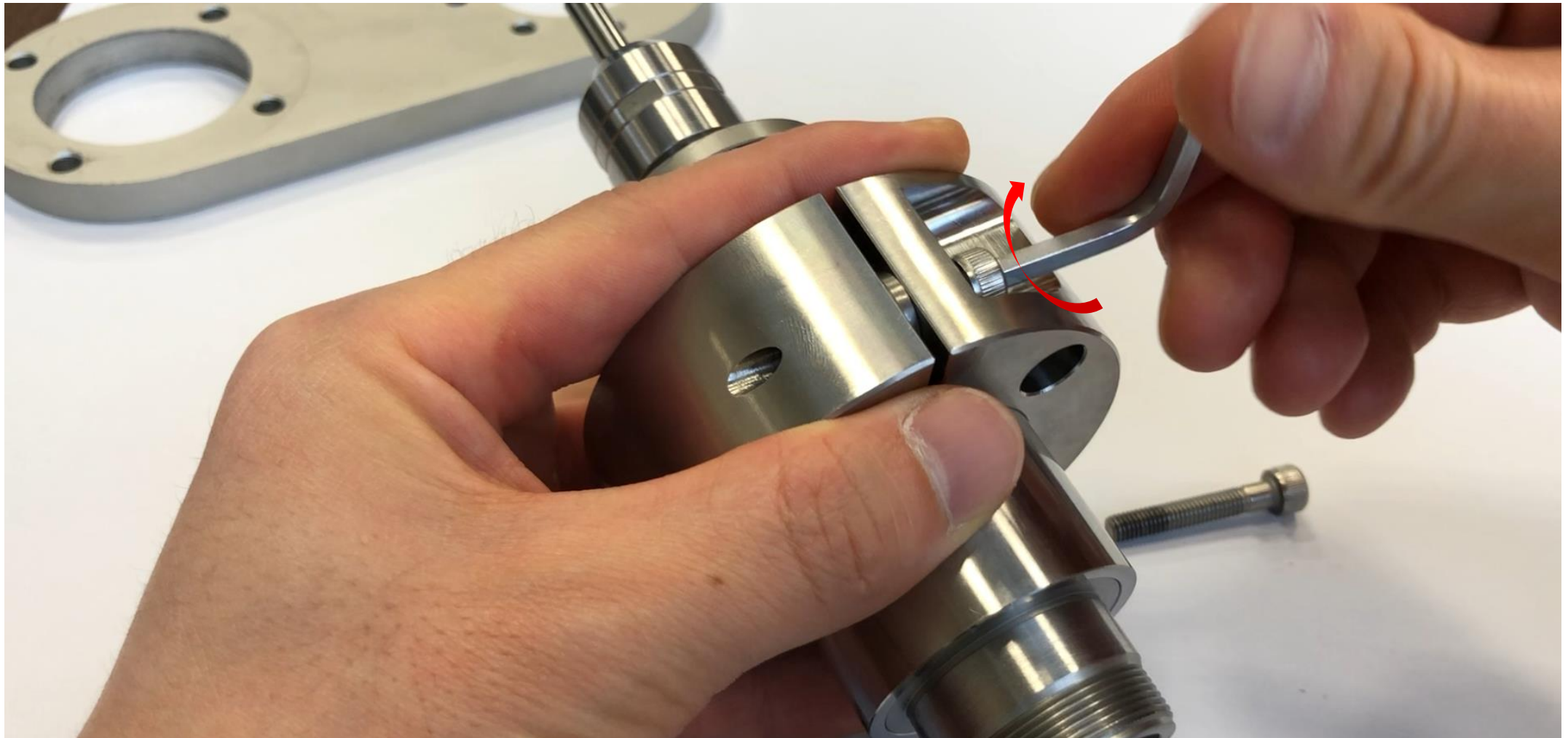


Position the Grip Ring within the clamping area.



Remove the mounting bolt.



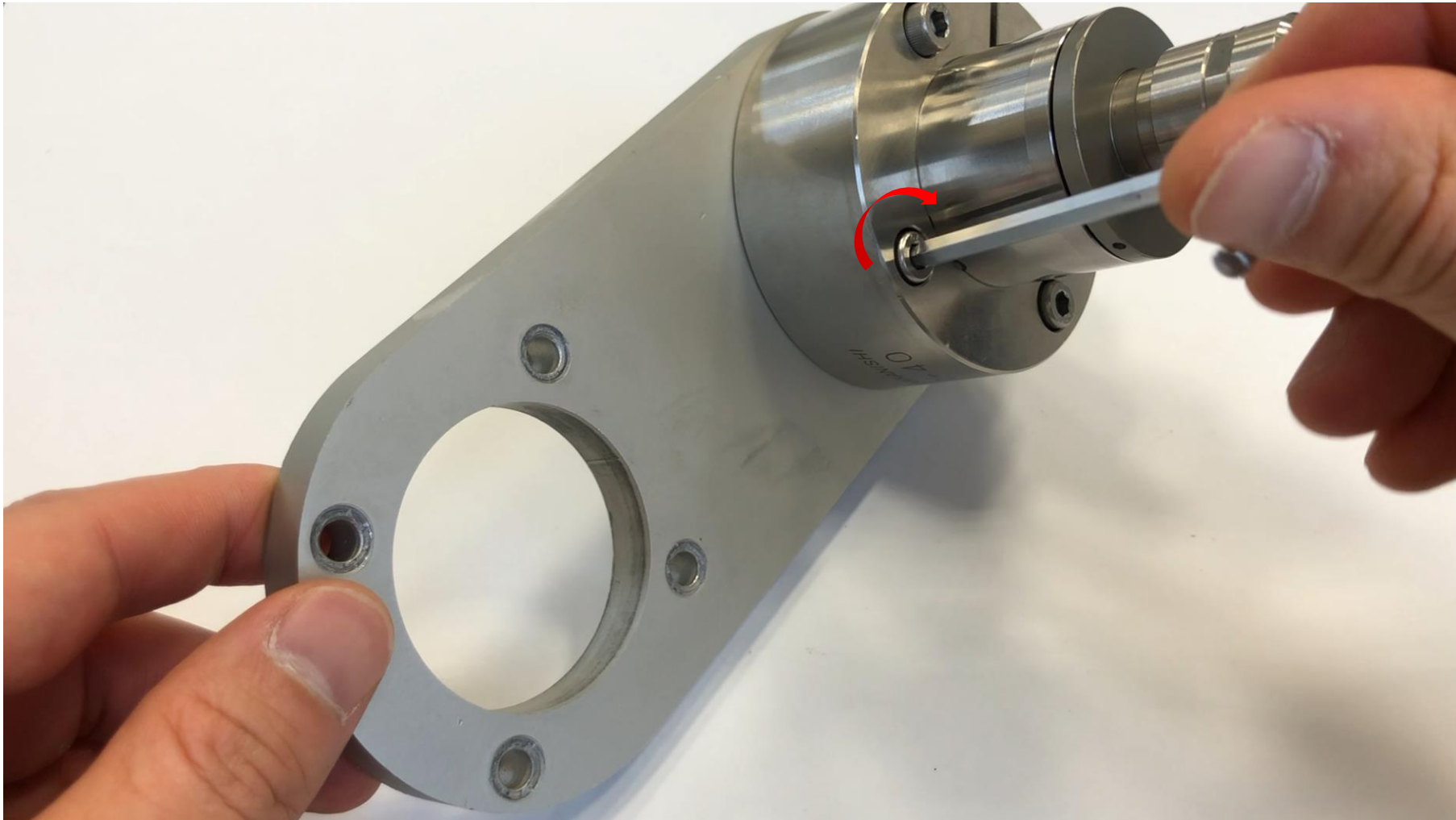


Tighten the lock bolt.

The recommended tightening torque for GR-22.8, GR-30, and GR-40 is 4 N·m, while for GR-50 it is 5 N·m.



Confirm that the Grip Ring cannot be removed when moved by hand.



Fix the Grip Ring to the fixing jig with the provided mounting bolts. The recommended tightening torque for GR-22.8, GR-30, and GR-40 is 4 N·m, while for GR-50 it is 5 N·m.



Complete.



