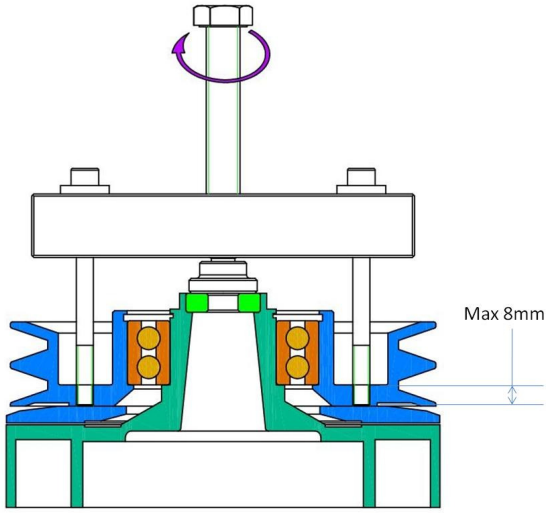
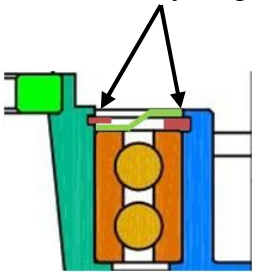
Exchange of bearing

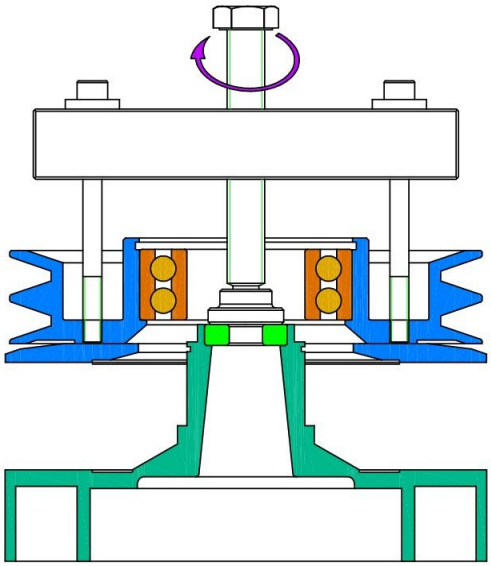
LANG Clutch KK73.1.



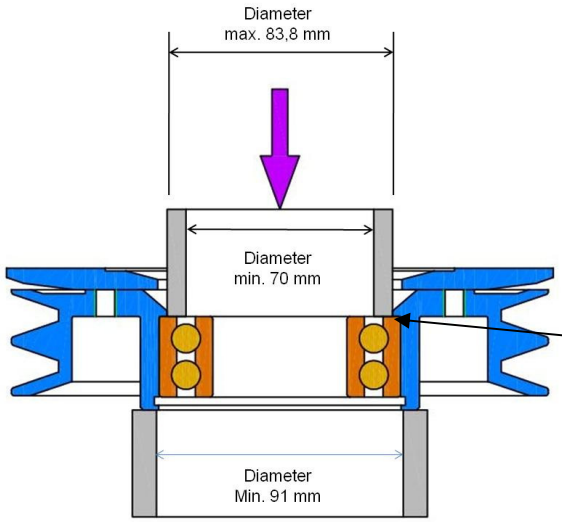
- As soon as the clutch is dismounted from the compressor, the dismounting tool is to be fixed on the clutch as shown. (Drawing of the tool can be required by mail: info@ealang.com)
- Remove both safety rings and the protection plate.



- Screw the M8 (or M6) Screws in the threads (max. 8mm into) – screw until contact and rotate one revolution back.

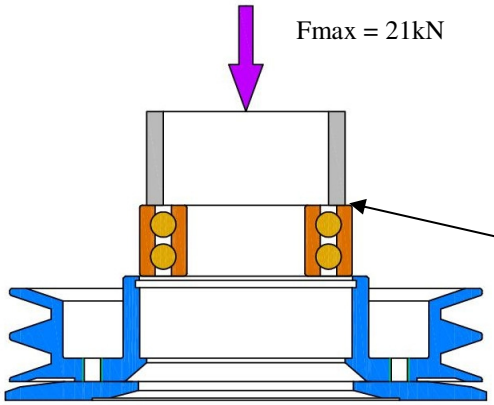


- Screw in the M16 screw until the pulley can be removed from the rotor.



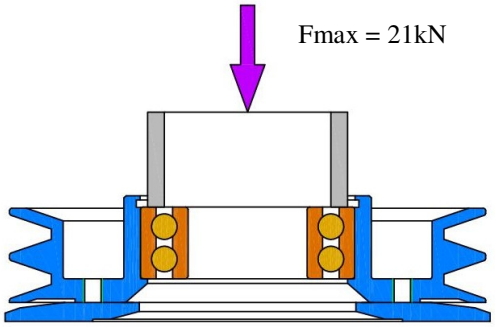
- Use two tubes (see dimensions in the draft) to press out the bearing from the pulley

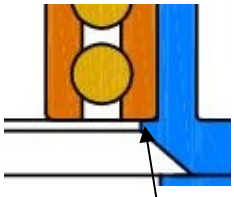
Press on the outer ring



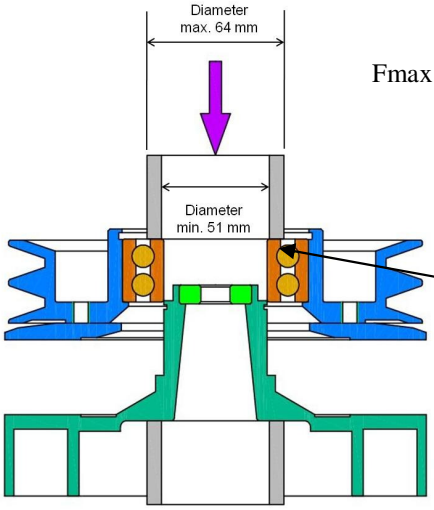
- Press the new bearing into the pulley

Press the new bearing on the OUTER RING





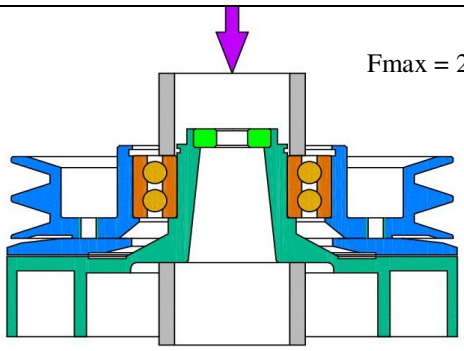
- Press the bearing until contact



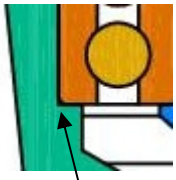
Fmax = 21kN

- Press the bearing – Pulley assembly on the rotor with a tube (see dimensions in the draft)

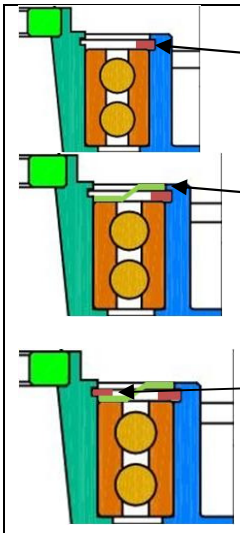
Press the bearing on the INNER RING



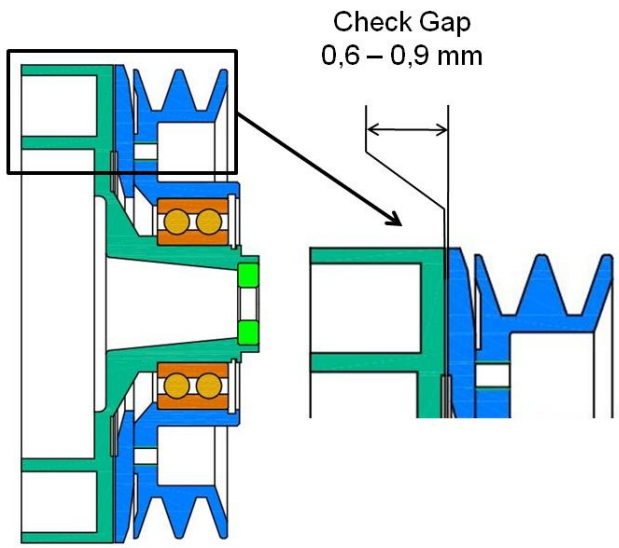
Fmax = 21kN



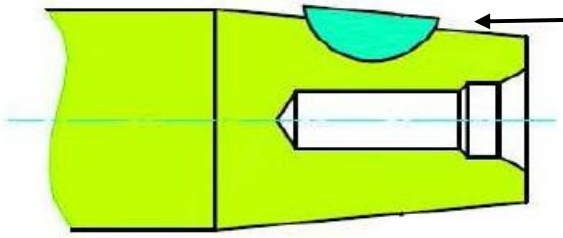
Press the bearing until contact



- Set the Safety ring the bearing outer ring
- Assemble the protection plate
- Set the Safety ring the bearing inner ring



- Check the air gap with a feeler gauge
- Turn the clutch by hand; check that no rubbing noise can be noticed.



- Lubricate the cone with fitting grease (Molycote P40 or OKS 250 – observe manufacturers' instructions!)
- Assemble the clutch on the compressor and fixe it