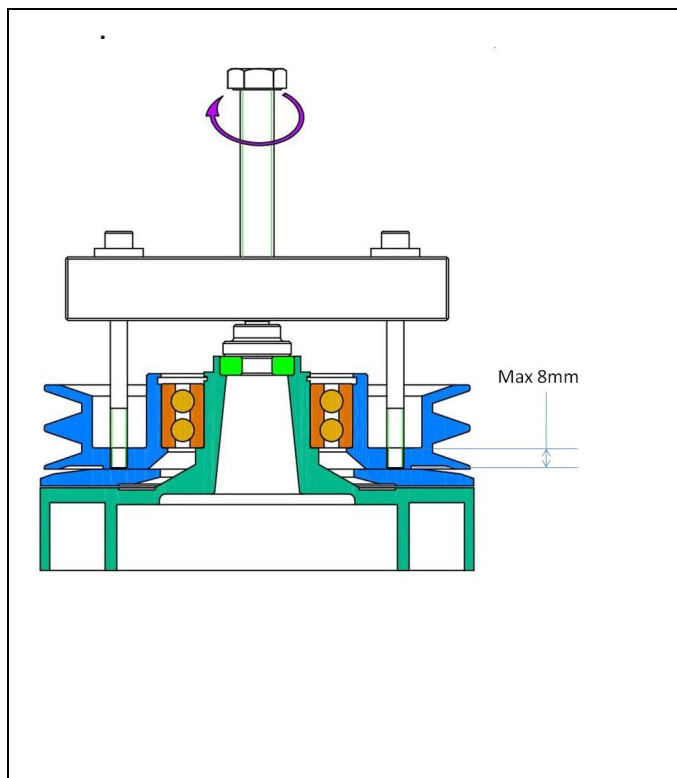


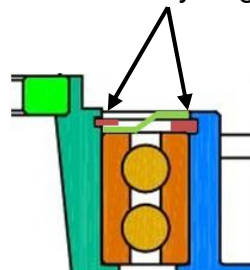
# Exchange of bearing

## LANG Clutch KK73.1.

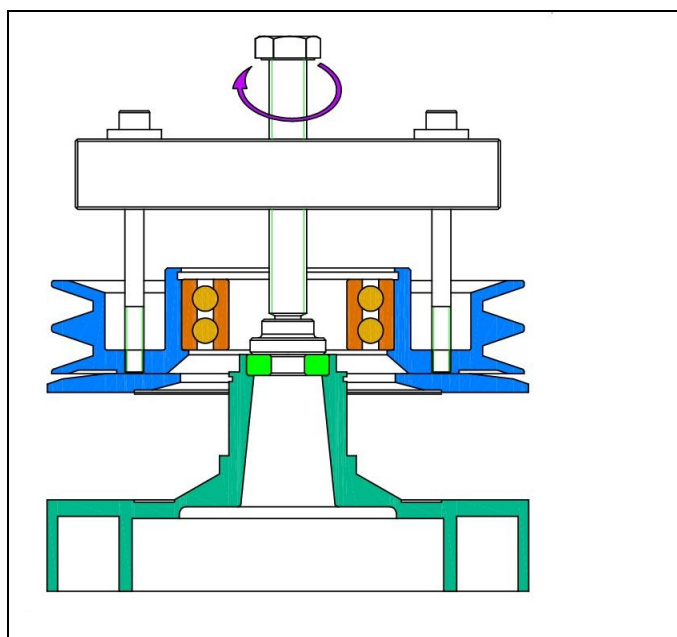


- As soon as the clutch is dismantled from the compressor, the dismantling tool is to be fixed on the clutch as shown. (Drawing of the tool can be required by mail: [info@ealang.com](mailto:info@ealang.com))

- 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.

<p>Diameter max. 83,8 mm</p> <p>Diameter min. 70 mm</p> <p>Diameter Min. 91 mm</p>	<ul style="list-style-type: none"> <li>• Use two tubes (see dimensions in the draft) to press out the bearing from the pulley</li> </ul> <p>Press on the outer ring</p>
--	---

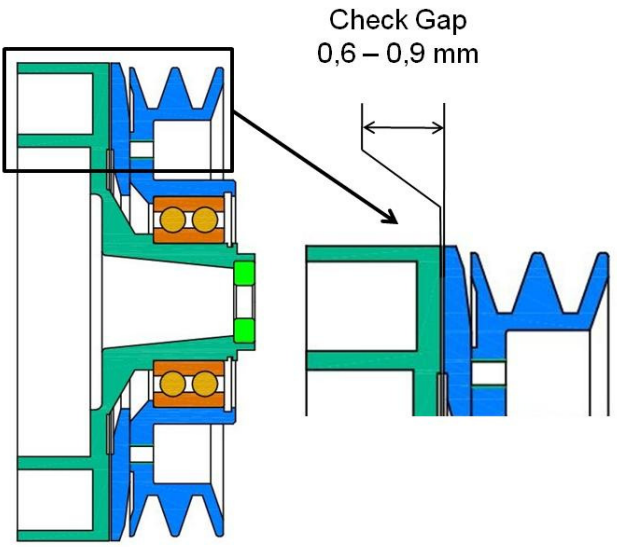
<p><math>F_{max} = 21kN</math></p>	<ul style="list-style-type: none"> <li>• Press the new bearing into the pulley</li> </ul> <p>Press the new bearing on the OUTER RING</p>
------------------------------------	--

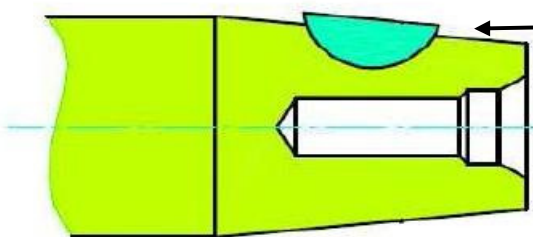
<p><math>F_{max} = 21kN</math></p>	<ul style="list-style-type: none"> <li>• Press the bearing until contact</li> </ul>
------------------------------------	---

<p>Diameter max. 64 mm</p> <p><math>F_{max} = 21kN</math></p> <p>Diameter min. 51 mm</p>	<ul style="list-style-type: none"> <li>• Press the bearing – Pulley assembly on the rotor with a tube (see dimensions in the draft)</li> </ul> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p><b>Press the bearing on the INNER RING</b></p> </div>
--	---

<p><math>F_{max} = 21kN</math></p>	<p>Press the bearing until contact</p>
------------------------------------	--

	<ul style="list-style-type: none"> <li>• Set the Safety ring the bearing outer ring</li> <li>• Assemble the protection plate</li> <li>• Set the Safety ring the bearing inner ring</li> </ul>
--	---

 <p>Check Gap 0,6 – 0,9 mm</p>	<ul style="list-style-type: none"> <li>• Check the air gap with a feeler gauge</li> <li>• Turn the clutch by hand; check that no rubbing noise can be noticed.</li> </ul>
---	---

	<ul style="list-style-type: none"> <li>• Lubricate the cone with fitting grease (Molycote P40 or OKS 250 – observe manufacturers' instructions!)</li> <li>• Assemble the clutch on the compressor and fix it</li> </ul>
--	---