

INSTALLATION AND REMOVAL INSTRUCTIONS FOR MAV LOCKING ASSEMBLY SERIES 3505-3705

MAV 3505-3705 Locking Assemblies are supplied ready for installation. The torque capacity of these devices is based on a coefficient of friction of $\mu=0.12$ for lightly oiled nut, tapers, shaft and hub contact areas. **Therefore, it is important NOT to use Molybdenum Disulfide (e.g., Molykote, Never-Seeze or similar lubricants) in any Locking Assembly installation.**

Recommended shaft / hub bore tolerances: h8 / H8

Recommended shaft / hub bore surface roughness: $Ra \leq 3.2 \mu\text{m}$

INSTALLATION

1. Make sure that nut, rings, shaft and hub contact surfaces are clean and lightly oiled.
2. Loosen the nut by minimum 2 turns, install the locking assembly and confirm correct hub position.
3. Tighten the nut item [4] to the specified tightening torque (Ma).
4. Secure the washer item [3] to prevent loosening of the nut.

REMOVAL

Prior to initiating the following removal procedure, check to ensure that no torque or thrust loads are acting on the Locking Assembly, shaft or any mounted components.

1. Loosen the safety washer and the nut.
2. If the connection does not release, a few light taps with an hammer will be of help.

