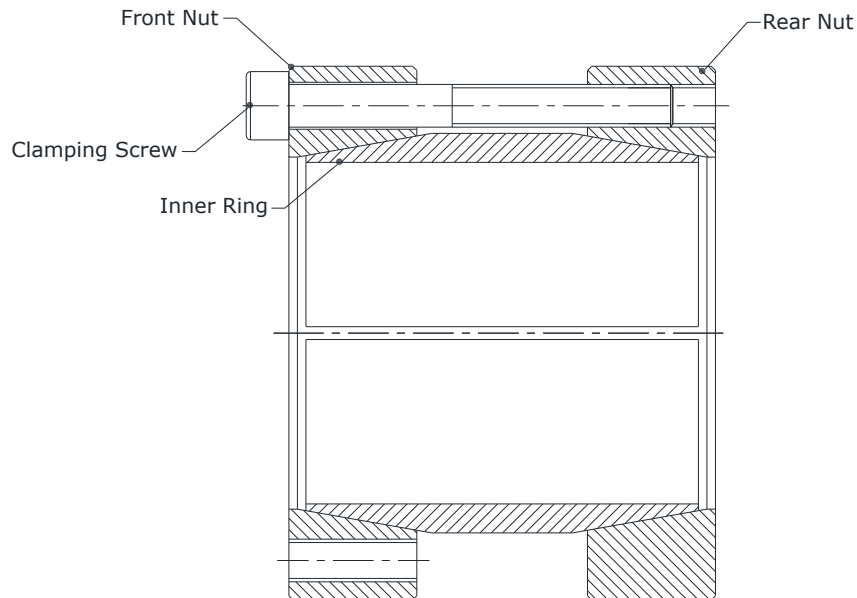


Doc. No.: N-DD-IM-125	Installation & Removal Instructions of Rigid coupling (N500 Model)			
Rev : -00	Rev Date : -	Prepared by : JPS	Checked by : ABV	Page 1

1.) About N500 & Function:

- N500 is rigid coupling used to connect two shaft end of same diameter or different diameter.

2.) Nomenclature:

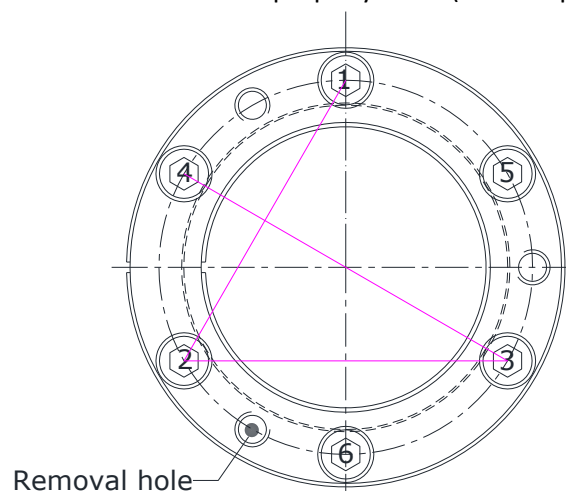


3.) Technical Requirement for safe operation:

- A good surface finish by machine tool is sufficient. Maximum allowable surface finish: Ra max 3.2µm. Maximum permissible tolerances for Shaft h8.
- Note : Don't use oil containing molybdenum sulphide or high-pressure additives or grease of any kind.**

4.) Installation:

- Before Installation be ensure that shafts are properly clean (No dust particles).



- Apply light coat oil onto shaft at where rigid coupling is to be located.
- Then tighten all screws gradually and regularly in diametrically opposed sequence to reach tightening torque value.

Doc. No.: N-DD-IM-125	Installation & Removal Instructions of Rigid coupling (N500 Model)			
Rev : -00	Rev Date : -	Prepared by : JPS	Checked by : ABV	Page 2

Tightening Torque:

Size	M6	M8	M10
Tighten Torque (Nm)	17	41	83

5.) Mounting Arrangement:

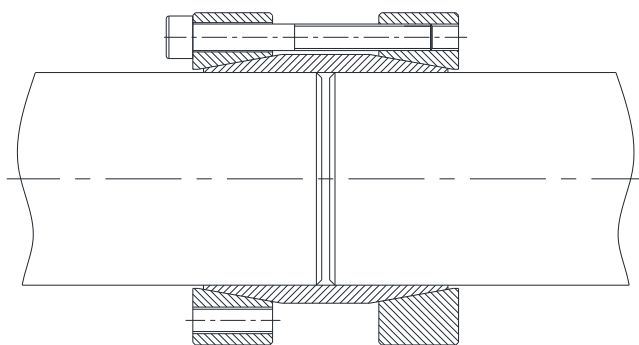


Fig. 1

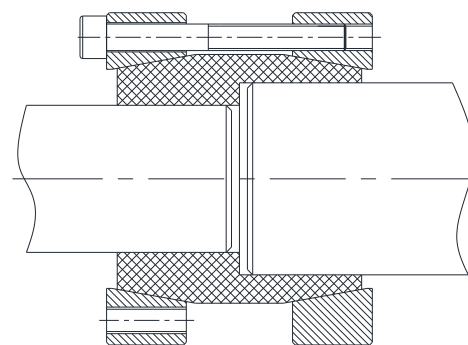


Fig. 2

- Rigid coupling is used for same diameter shaft (Fig. 01) and also used for different diameter shaft.(Fig. 02)

6.) Removal:

- By loosening clamping screws, clamping cones are normally released. If difficulty happen, then use removal hole for jacking of front nut.

7.) Reuse:

- For reuse of clamping sleeve, to re-lubricate inner ring, front nut, rear nut and clamping screws. If any damage found in parts of locking assembly, then replacement of whole assembly required. Before reuse of locking assembly's screws please check screws length because of during operating condition if they have been elongated so they cannot be used further so replace with same size and grade.

8.) Maintenance:

- Rigid coupling is maintenance free. We therefore recommend to check tightening torque of the clamping screws each time maintenance is performed on the machine.
(All Figures shown in instructions are for easy understanding of installation and removal processes.)

9.) Storage Preservation and Instruction:

- Don't store in corrosive environment.
- Once the rigid coupling has been used then clean the all parts of it with clean cloth.
- Lubricate all parts with rust preventive oil S-VCI 415 or equivalent and assemble as it was & packed in plastic bag.
- After wrapping in plastic bag, Material is packed by S-VCI 131 or equivalent rust preventive paper & store.