

## Instructions for Assembling and Disassembling Sleeves under Self-aligning Bearings with Tapered Bore



**Video 12: DISASSEMBLING of HYDRAULIC ADAPTER SLEEVE under self-aligning ROLLER BEARING with OIL INJECTION**

See the step-by-step procedure at [www.bgl.com.br/en/treinamento.htm](http://www.bgl.com.br/en/treinamento.htm)  
Technical Videos - **Video 12**

**Contents:**

Initial preparation before disassembling.....	03
Disassembling Procedures.....	04

**INITIAL PREPARATION BEFORE DISASSEMBLING**

**01**

Organize the workplace.



**02**

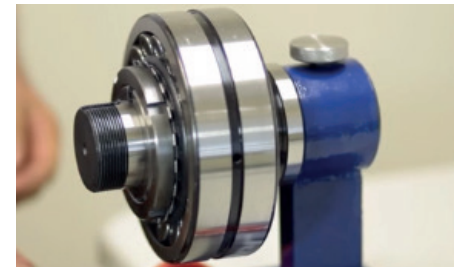
Select the tools that will be used for the disassembling procedure.



**03**

Mark the position of the Adapter Sleeve on the shaft so that a new Sleeve may be set again on that approximate position.

**Note:** Used sleeves should not be reused.



▶ **Disassembling Procedures**

**04**

Raise the jut of the MB Lockwasher with the help of Screwdriver, pricker and impact hammer.



**05**

Next, loosen the Nut using an HN Hook Spanner, and remove the Nut and the MB Lockwasher.



**06**

Replace the Nut and screw it some turns.

**Note:** Please note that the Locknut must be screwed in the Sleeve, to act as a limiter, so preventing the bearing from going out completely.



07

Screw the Extension Tube to the Hydraulic Sleeve duct.

**Note:** Preferably, before doing that, screw the quick coupling to the Extension Tube.



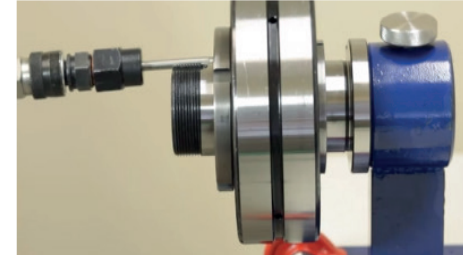
08

Put the hose connection into the Hydraulic Pump. This way, you will direct the oil to the area between Washer and bearing.



09

Pump oil until the bearing moves from the Sleeve.



10

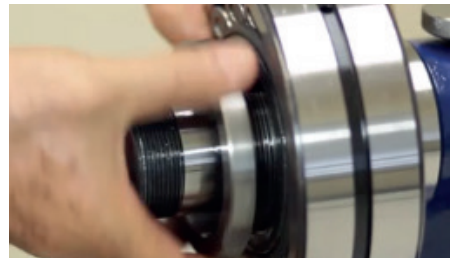
Take the hose out of the quick coupling.



11

Next, remove the Extension Tube.

Remove the Nut.



12

At last, remove the bearing.



13

Finally, the Hydraulic Adapter Sleeve.



To assemble, see **Video 05** at [www.bgl.com.br/en/treinamento.htm](http://www.bgl.com.br/en/treinamento.htm)

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**Reference Technical Standards:**  
ABNT NBR 16535-1: SLEEVES FOR BEARINGS  
ABNT NBR 16535-2: LOCKNUTS AND LOCKWASHERS

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BGL - Bertoloto & Grotta Ltda  
Av. Major José Levy Sobrinho, 1296  
CEP 13486-190 | Limeira – SP | Brasil  
Phone +55 19 3451-8510  
[info@bgl.com.br](mailto:info@bgl.com.br)  
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