

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



**Video 13: DISASSEMBLING of ADAPTER SLEEVE under self-aligning BEARING (BALL or ROLLER) with HYDRAULIC NUT**

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 13**

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**INITIAL PREPARATION BEFORE DISASSEMBLING**

**01**

Organize the workplace.



**02**

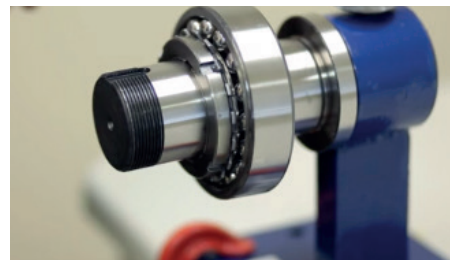
Select the tools that will be used for the disassembling procedure.



**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.



**⚠ ATTENTION**

For the disassembling method using Hydraulic Nut, the bearing must lean against a Leaning Ring and the Adapter Sleeve must have enough space to slide on the shaft.

▶ **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.



**06**

Remove the Nut and the MB Lock Washer.



**07**

Screw the Hydraulic Nut with the plunger against the bearing, leaving a space between the bearing and the Hydraulic Nut, which must be larger than the axial displacement of the Sleeve.



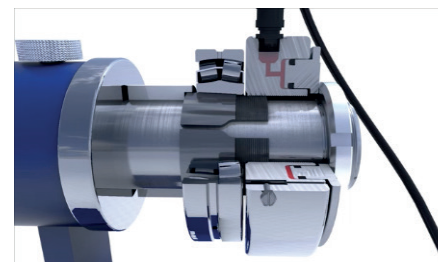
**08**

Screw the KM Nut in the shaft to support the Hydraulic Nut plunger.



**09**

Connect the Pump hose to the quick coupling of the Hydraulic Pump and pump oil until the bearing gets out of the Sleeve.



10

With an HN Hook Spanner, tighten the KM Nut to move backwards the Hydraulic Nut plunger.



11

Next, disconnect the Pump and remove the KM Nut.



12

Remove the Hydraulic Nut.



13

Remove the bearing.



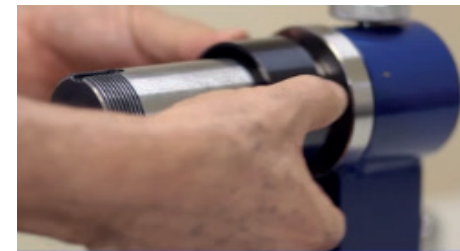
14

Finally, remove the Adapter Sleeve.



15

And, last, remove the Leaning Ring.



To assemble, see **Videos 02** and **04** at em [www.bgl.com.br/treinamento.htm](http://www.bgl.com.br/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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