3 good reasons to use the hydraulic nuts from NTN SNR

• The most professional tool to provide the drive up force required
• Precise and reliable adjustment of radial bearing clearance
• Cost effective, easy to use and secure, it will reduce your down time
Assemble or disassemble your spherical roller bearings with HMV in only 3 steps.

1 WHAT IS YOUR NEED?

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Dismounting</th>
<th>Comments</th>
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<tr>
<td>Tapered shafts</td>
<td>For dismounting roller bearings on a tapered shaft, hydraulic pressure should be used through the shaft.</td>
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<td>Adapter sleeve</td>
<td>The same HMV can be used for mounting or dismounting the bearing.</td>
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<td>Withdrawal sleeve</td>
<td>2 solutions: The same HMV can be used for both mounting or dismounting the bearing (B = 1) or 2 solutions HMV can be used for mounting or dismounting (B = 0).</td>
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2 SELECT THE RIGHT HMV

Using the selection tables available on request (overview here below)

Example: 22313EK to be used with a withdrawal sleeve AND one HMV 15EBF

3 OPERATE THE HMV

- Screw the HMV on the thread until the bearing and the shaft are in contact.
- Warning: Do not forget to grease the thread!
- Release pressure on the pump in order for the HMV piston to return to its original position. Remove the HMV carefully.
- Check with feeler gauges if required clearance is ok.
- Mount the dial gauge (not included) onto the HMV using the dial gauge holder (supplied with the HMV). Set the gauge to “0”.
- Connect the pump to the HMV.

HMV HYDRAULIC NUTS WITH ADAPTER SLEEVE

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<th>Diametre (mm)</th>
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Technical data concerning the HMV

- Easy handling with grip bolt for nut sizes HMV 60 and upward.
- 3 kits designed to provide the best service to your HMV:
  - Tool pumps set 700 b 0.3 L for nuts <= HMV 54 EBF
  - Tool pumps set 700 b 0.9 L for nuts <= HMV 92 EBF
  - Tool pumps set 1500 b 2.5 L for nuts <= HMV 200 EBF
- All the kits include:
  - Socket wrench
  - High quality hose (1.5m for the pump 700 b 0.3 L & 3 m for the 700 b 0.9L and 1500 b 2.5L)
  - Pressure gauge
  - Tool felt feeler gauges 150 (length 100, 150, 300 mm)
  - Metric feeler gauges set (length 100, 150, 300 mm)

Pump used with HMV

3 kits designed to provide the best service to your HMV:

- Tool pumps set 700 b 0.3 L for HMV 60 EBF
- Tool pumps set 700 b 0.9 L for HMV 92 EBF
- Tool pumps set 1500 b 2.5 L for HMV 200 EBF

Accessories for HMV

- Dial gauge: 2 sizes available (63 & 100) in order to measure the displacement from zero to 10mm
- Adapter kit for dial gauge: 4 sizes included with the kit

To check bearing clearance

- Tool felt feeler gauges 150
- Tool felt feeler gauges 100
- Tool felt feeler gauges 50
- Faster gauge set (length 100, 150, 200 mm)