

Precise, effortless mounting of your large bearings with a tool that is always ready for use.

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### APPLICATIONS

Beyond a certain shaft diameter, the mounting or dismounting of a bearing on tapered seatings requires hydraulic assistance.

A hydraulic nut ensures perfect control of the adjustment of the assembly while limiting the use of manual force and reducing the time taken for the operation.

### ADVANTAGES

Besides the hydraulic principle, the **“back and forth”** design provides unique ease of operation with the automatic return of the thrust plate to its initial position (**design patented by NTN-SNR**)

*“No need to retract the piston manually. This operation is often tedious and subject to oil leaks: the NTN-SNR nut is automatically ready for a new use.”*

- Wide range of sizes: for shafts from 50 mm to 1000 mm in diameter.
- Range also available in standard inch dimensions HMVC from 1,967 to 37,410 inches.
- Special sizes on request.
- Set of spare piston seals supplied as standard.
- The hydraulic nut is equipped with:
  - Two hydraulic connection points, with spot facing for perfect sealing,
  - One quick coupling connection (male) which can be positioned on the front face or on the outside diameter, depending on the ease of access.  
(The 1500 bar high pressure provides maximum safety with a locking stop),
  - One 1500 bar ball valve,
  - 3 holes in the front face are provided for mounting the dial gauge (not included).
- The surface treatment of the nuts provides excellent protection against corrosion and ensures a long working life.
- Easier handling and nut screwing due to:
  - The knurling of the outer surface,
  - A bar being supplied and the provision of 4 holes on the outer diameter. (For sizes  $\geq$  HMV 50 EBF).
- Easy handling with eye bolts for nut sizes HMV 60 EBF and upwards supplied.

### COMMERCIAL REFERENCE

TOOL HMV (size) EBF / Hydraulic nut (metric)

TOOL HMVC (size) EBF / Hydraulic nut (inches)

### OPTIONAL ACCESSORIES

- Dial gauge for the measurement of the displacement of the piston from 5 to 10mm

#### COMMERCIAL REFERENCE

- TOOL DIAL GAUGE 50
- TOOL DIAL GAUGE 100

- Adaptor kit for the dial gauge

#### COMMERCIAL REFERENCE

- TOOL DIAL EXTENSION SET



Tool Dial gauge 50



Tool Dial extension set

