

A MUST FOR MOUNTING / DISMOUNTING BEARINGS

# HYDRAULIC NUT

HMV SERIES



[www.ntn-snr.com](http://www.ntn-snr.com)



With You

Experts  
& Tools



**WITH THE NTN-SNR HYDRAULIC NUT,**  
THE PERFECT TOOL FOR ASSEMBLING OR  
DISASSEMBLING TAPERED BORE BEARINGS

#### ADVANTAGES:

- Simple and secured assembly
- Precise and reliable adjustment of radial bearing clearance
- Reduced assembly times

# TECHNICAL FEATURES OF THE NTN-SNR HYDRAULIC NUT

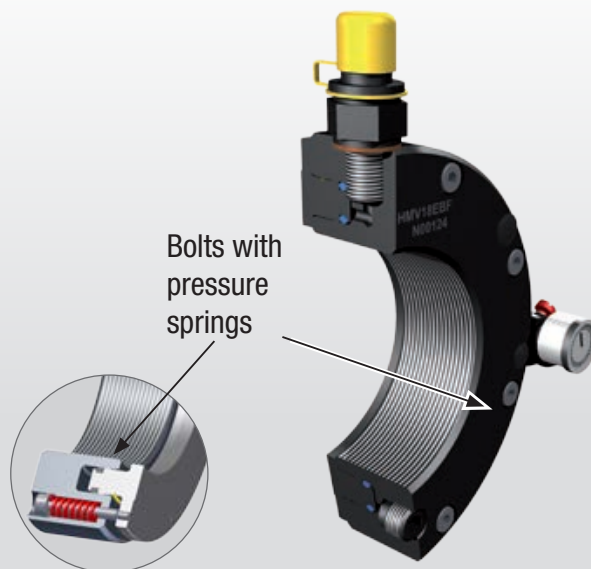
## Special features:

- Automatic piston return function given to springs inside the nut
- Hydraulic oil returns easily into the pump
- No need for laborious pushing of piston back into its initial position
- Safe handling due to knurled housing surface
- Two hydraulic connections for comfortable access (axial or radial) depending on access in the mounting position

**SAFE:** Built in "emergency-stop" to avoid the piston coming out of the ring-body.

- The NTN-SNR hydraulic nuts are available either with metric threads, HMV...EBF (M50x1.5 → Tr1000x8) or inch threads HMVC...EBF (1.967 → 37.410 in)

If you need special sizes or customized configurations for your specific requirements, please contact us.



Bolts with pressure springs

## ACCESSORIES to be used with your hydraulic nut



- TOOL DIAL GAUGE 050
- TOOL DIAL GAUGE 100  
Gauge 5 mm / 10 mm
- TOOL DIAL EXTENSION SET  
Extension adapter for gauge

## TOOLS TO BE USED WITH YOUR HYDRAULIC NUT

### TOOL PUMP SET

Advantages:

- Light and compact design
- Robust packaging
- Ergonomics: lever locking for easy transport
- Robustness: pump with lifetime guarantee (under normal working conditions)
- Efficiency: time saving and reduced pump force due to the twin-stage system (80% fewer pump strokes than with mono-stage pumps)
- Safety for the user: electrically insulated lever and safety valve
- 3 sizes of pump available
  - 0.3 litres for nuts ≤ HMV 54 EBF
  - 0.9 litres for nuts ≤ HMV 92 EBF
  - 2.55 litres for nuts > HMV 92 EBF



### AVAILABLE PUMP SIZES

- TOOL PUMP SET 700B-0.3L  
0.3 l oil capacity / Max. working pressure 700 bar
- TOOL PUMP SET 700B-0.9L  
0.9 l oil capacity / Max. working pressure 700 bar
- TOOL PUMP SET 1500B-2.55L  
2.55 l oil capacity / Max. working pressure 1 500 bar
- TOOL PUMP GAUGE 700  
Gauge indicates max. 700 bar (analogue)
- TOOL HYDRAULIC OIL 1L  
Hydraulic fluid 1.0 l

All hydraulic pumps are supplied with hydraulic hose, connector nipple and a pressure gauge and are ready-filled to max. capacity with oil.



### TO CHECK BEARING CLEARANCE

- TOOL FEELER GAUGES 100
- TOOL FEELER GAUGES 150
- TOOL FEELER GAUGES 300  
Feeler gauge aset (length 100, 150, 300 mm)



For more informations