A MUST FOR MOUNTING / DISMOUNTING BEARINGS

HYDRAULIC NUT
HMV SERIES

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.

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 1500 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)