

Operation Manual

Grease-Hydraulic Spindle No. 110





Application

NEXUS Grease-hydraulic spindle no. 110 has been designed for a maximum load of 12 t or 15 t.

This powerful spindle guarantees a controlled and safe operation during the pulling procedure.

Mode of operation

- Clean the pressure spindle (S) carefully before use and cover it with graphite grease (f.e.: Molykote)
- After that place the puller in correct position and preload the hydraulic body with wrench size 41 properly.
- Now screw in the pressure spindle (S) into the hydraulic body and pay attention to the max. torque.
- If the stroke is not sufficient, keep on pulling mechanically with wrench size 41 or repeat the procedure from step no. 1
- After use screw back the pressure spindle (S) into starting position and press back the piston (A) into the hydraulic body

Attention

Uncontrolled operation of the pressure spindle is a high risk of accidents!

The use of impact wrenches is prohibited!

For safety reasons we recommend to cover all loaded parts into a safety cover. For this procedure we recommend our NEXUS No. 750.

Disposal

For disposal / recycling of this article please respect the legislation of the respective country.

Damaged parts have to be cleaned and removed under consideration of the valid occupational safety and environmental protection regulations.

The reduction of ecological damages and the preservation of the environment should be in the focus of all activities!

Repair and assembly instructions

Remove the pressure spindle (S) and the fitting (V) from the hydraulic body (H).
Pull the piston (A) out of the body and remove the collar (big) (Mg) with a screw driver.

Afterwards insert a rod into the hydraulic body and press out the piston (B) and the collar (small) (Mk) on the opposite side.

All parts must be cleaned carefully.

After that the inner walls of the hydraulic body have to be greased.

Insert the piston (B) and the collar (small) (Mk) into the bore. The sharp edge of the piston must be positioned in direction of the collar and then pressed to the end stop.

