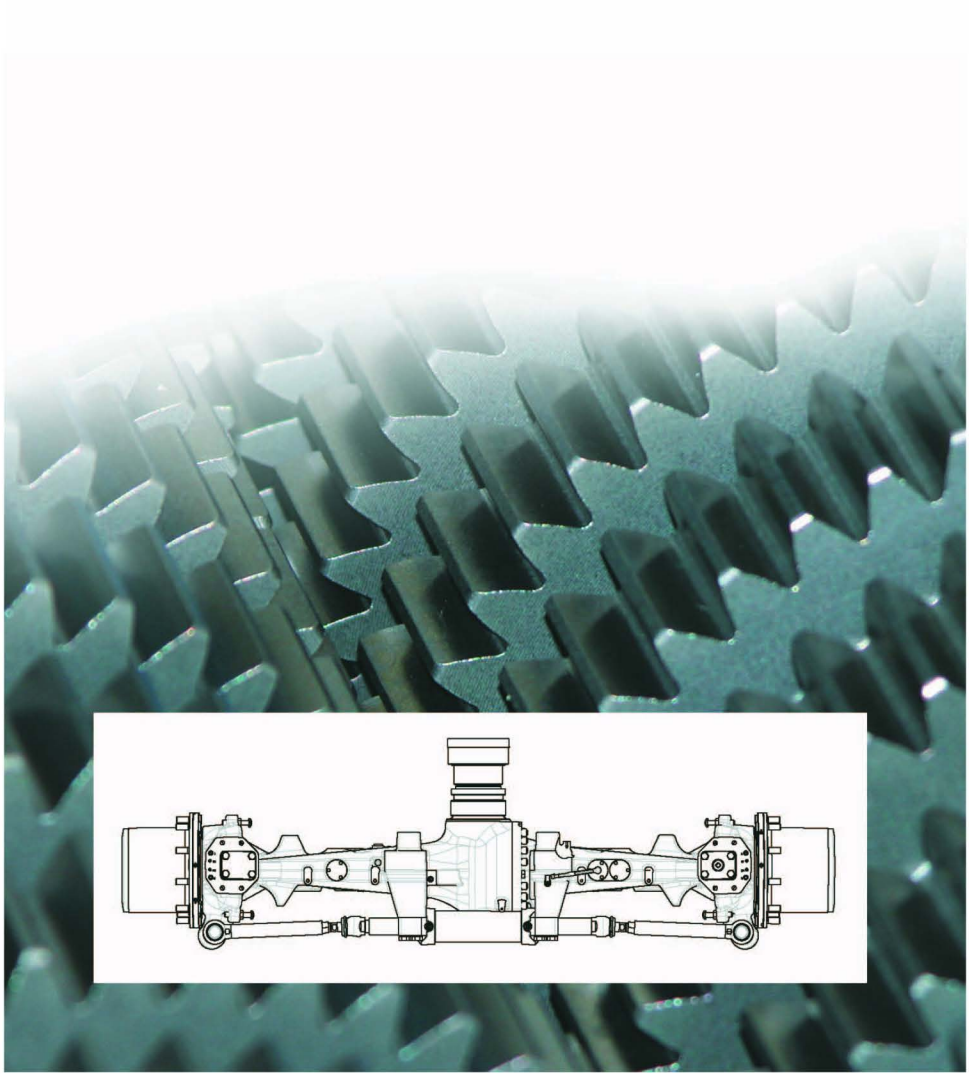
Planetenlenktriebachse
Tractor steering axle
Pont avant moteur
Assale anteriore

DANA 755-133, 755-137 and 755-140

FENDT 800 Vario SCR (St3b)
FENDT 800 Vario S4



AGCO GmbH - Johann-Georg-Fendt-Str. 4 D-87616 Marktoberdorf
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SAFETY PRECAUTIONS

1. During all operations described in this manual, the axle should be fastened onto a trestle, while the other parts mentioned should rest on supporting benches.
2. When removing one of the arms, an anti-tilting safety trestle should be placed under the other arm.
3. When working on an arm that is fitted on the machine, make sure that the supporting trestles are correctly positioned and that the machine is locked lengthways.
4. Do not admit any other person inside the work area; mark off the area, hang warning signs and remove the ignition key from the machine.
5. Use only clean, quality tools; discard all worn, damaged, lowquality or improvised wrenches and tools. Ensure that all torque wrenches have been checked and calibrated.
6. Always wear gloves and non-slip rubber shoes when performing repair work.
7. Should you stain a surface with oil, remove marks straight away.
8. Dispose of all lubricants, seals, rags and solvents once work has been completed. Treat them as special waste and dispose of them according to the relative law provisions obtaining in the country where the axles are being overhauled.
9. Make sure that only weak solvents are used for cleaning purposes; avoid using turpentine, dilutants and toluol, xylolbased or similar solvents; use light solvents such as Kerosene, mineral spirits or water-based, environment friendly solvents.
10. For the sake of clarity, the parts that do not normally need to be removed have not been reproduced in some of the diagrams.
11. For agricultural axles, the terms RIGHT and LEFT refer to the position from the operator's seat. For construction axles, the terms RIGHT and LEFT refer to the position outside facing the machine (with the input drive facing forward)
12. After repair work has been completed, accurately touch up any coated part that may have been damaged.
13. Follow all safety instructions in the Original Equipment Manufacturer (OEM) manual that came with the vehicle.

⚠DANGER	Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
⚠WARNING	Indicates an imminently hazardous situation which, if not avoided, could result in death or serious injury.
⚠CAUTION	Indicates a situation which, if not avoided, may result in damage to components.
NOTICE	Indicates information which may make product service easier to perform.

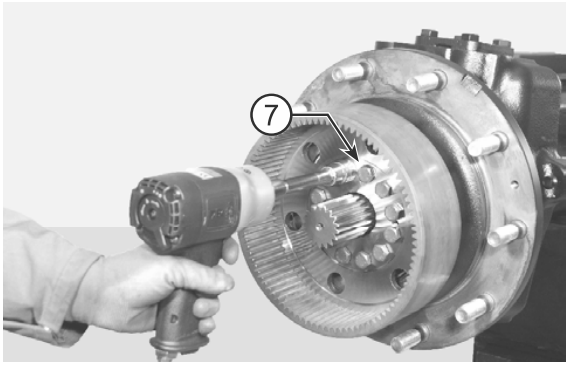


FIGURE 7: Loosen and remove the crown flange nuts (7).

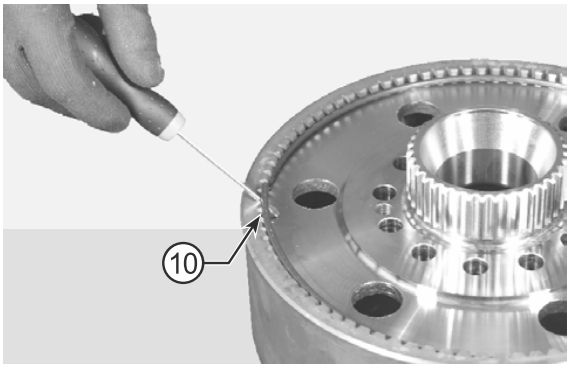


FIGURE 10: Remove the snap ring (10) from the crown (9).

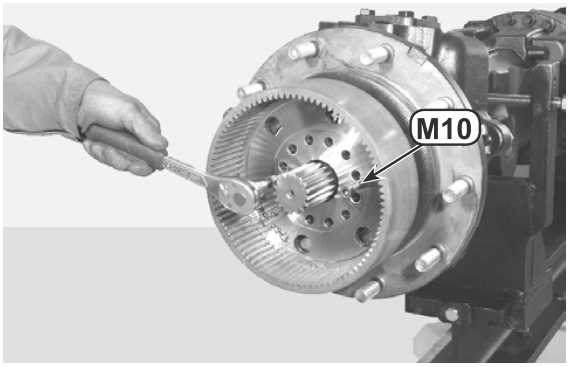


FIGURE 8: Tighten two M10 screws in the special threads. Tighten by one turn alternately. Leave one screw in to secure.

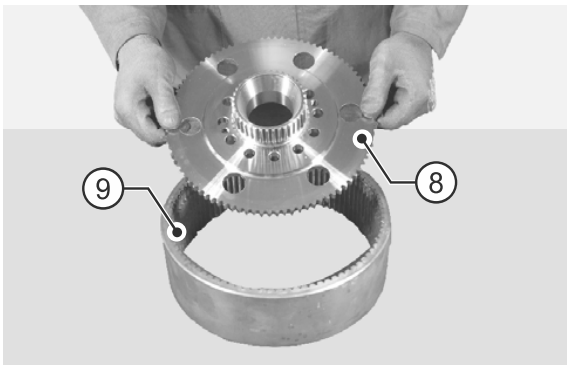


FIGURE 11: Remove the crown flange (8).

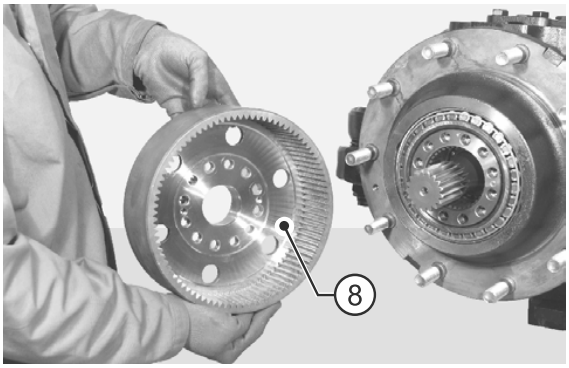


FIGURE 9: Remove the crown (9).
Mark the assembly position of the crown gear carrier flange (8).

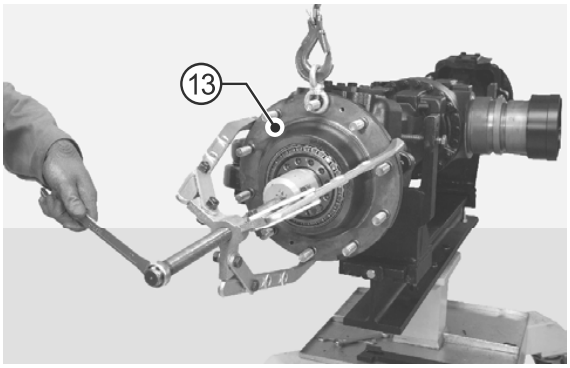


FIGURE 12: Harness the wheel hub (13).
Partially extract the hub (13) using an extractor.

ASSEMBLY

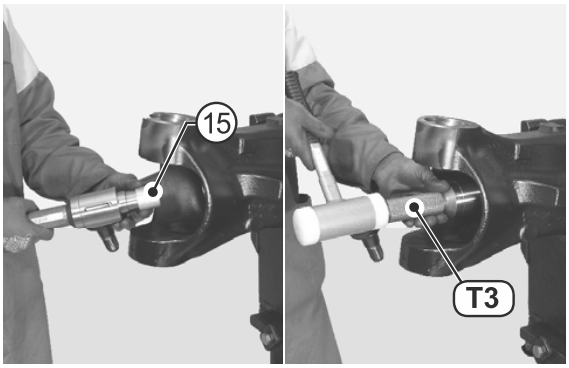


FIGURE 19: Lubricate the bushing (15) and the seat. Install the bushing (15), using tool T3 (see drawing T3 p. 76) making sure to align the connection notch.

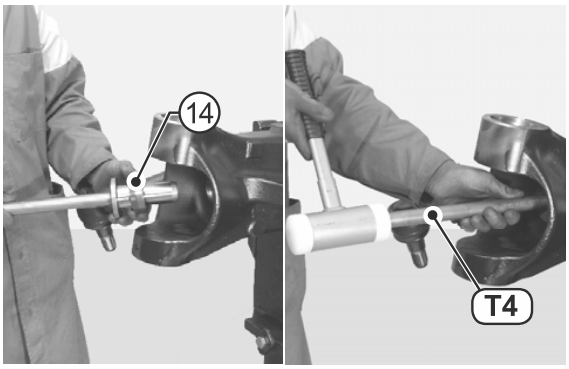


FIGURE 20: Lubricate and fit the sealing ring (14) onto tool T4 (see drawing T4 p. 77); install the rings into the arm.

⚠ CAUTION

Pay particular attention to the direction of assembly of the rings.

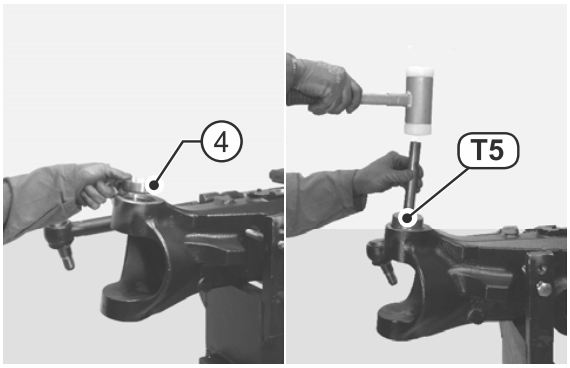


FIGURE 21: Lubricate the top and bottom thrust blocks (4) and using tool T5 (see drawing T5 p. 78) fit them into the fulcrum holes of the arm.

NOTE:

Verify at end of stroke.

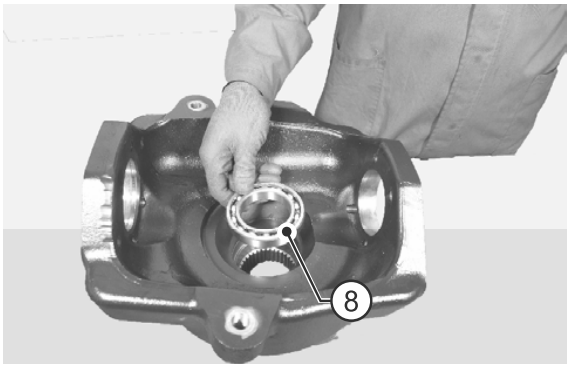


FIGURE 22: Insert the bearing (8) in the steering case.

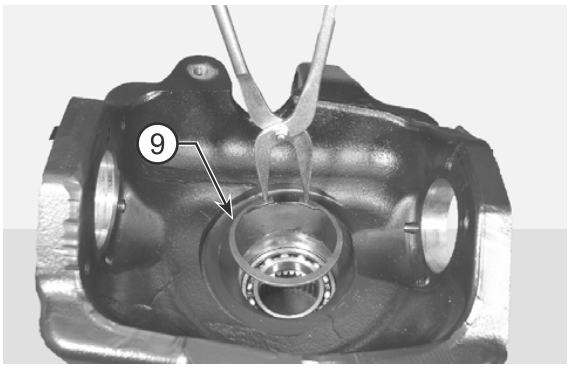


FIGURE 23: Install the bearing (8) snap ring (9). Carefully check the snap ring (9) is completely inserted.

ASSEMBLY

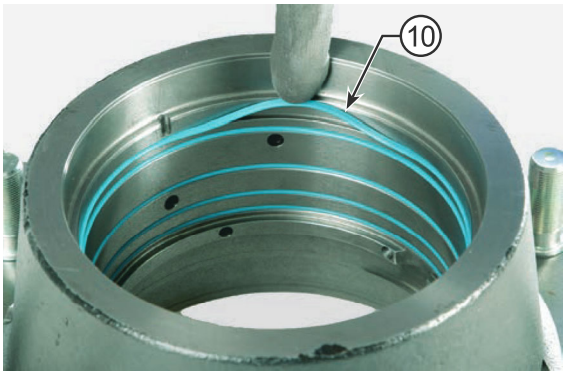


FIGURE 17: Install the sealing rings (10) into the wheel hub (11).

NOTE:

Check that there are not any burrs or any residues in the seatings.

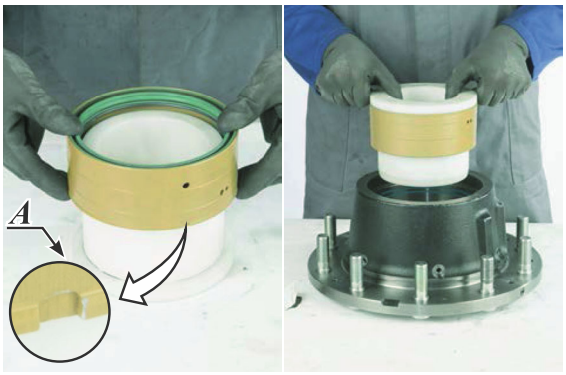


FIGURE 18: Position the sealing ring (9) in the special tool T13D (See drawing T13 p. 85).
Position tool T13D (See drawing T13 p. 85) and press the sealing ring (9) into its seat.

NOTE:

Position the anti-rotation pin (8) slot "A" marked, as shown in picture.

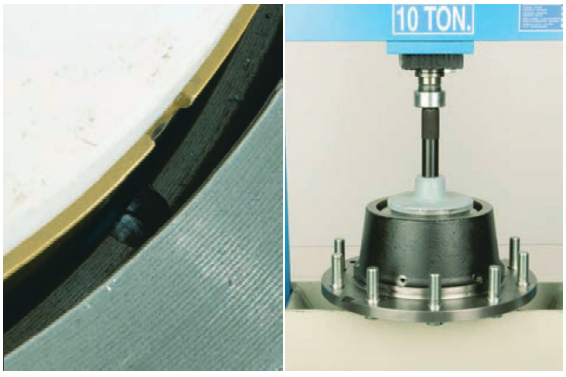


FIGURE 19: Install the sealing ring (9) into the wheel hub (11), aligning the anti-rotation pin (8) slots.



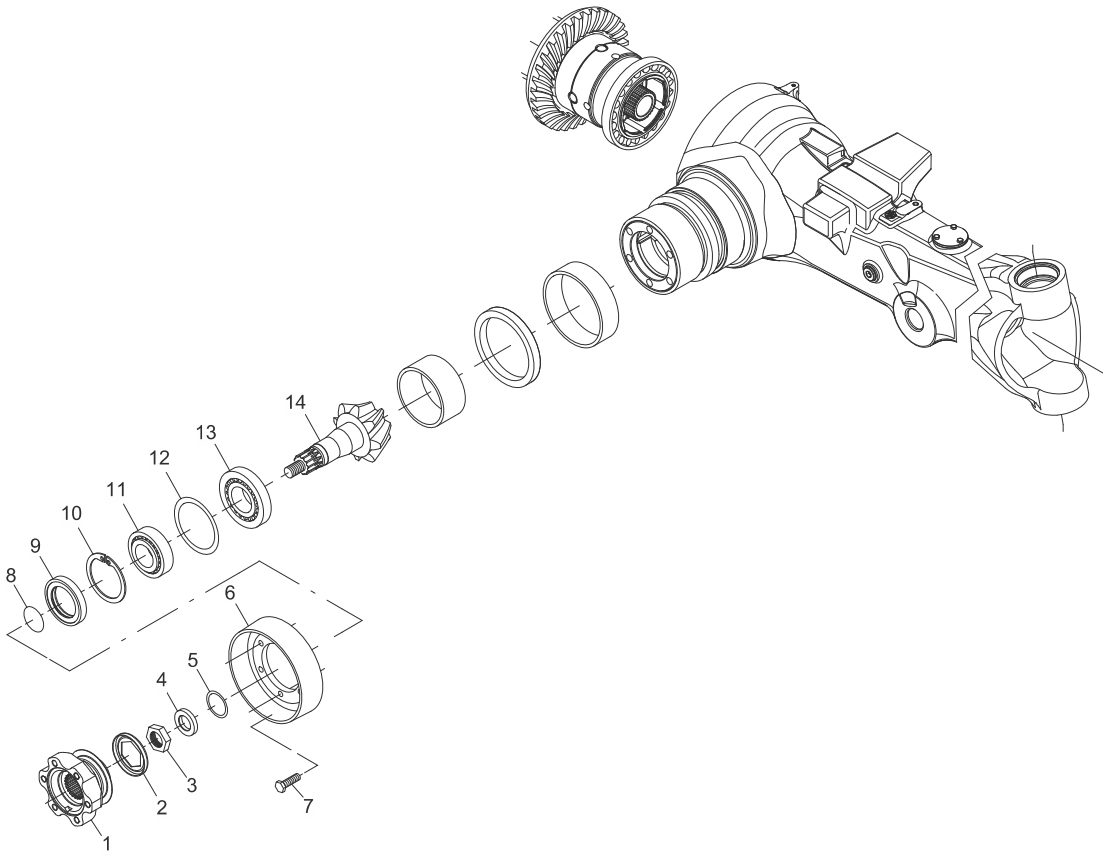
FIGURE 20: Check the sealing ring (9) correct installation measurement.



FIGURE 21: Install the anti-rotation pin (8).

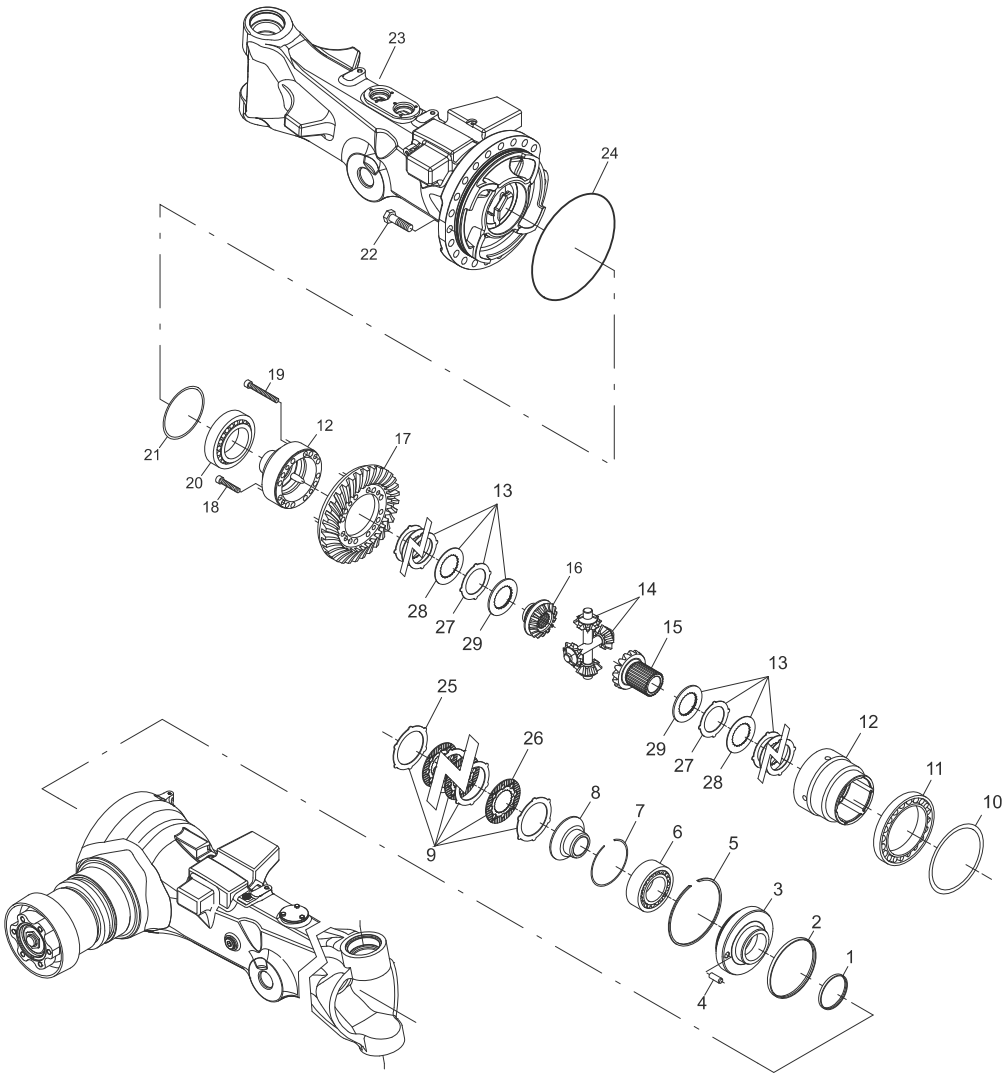
BEVEL PINION

ASSEMBLY DIAGRAM



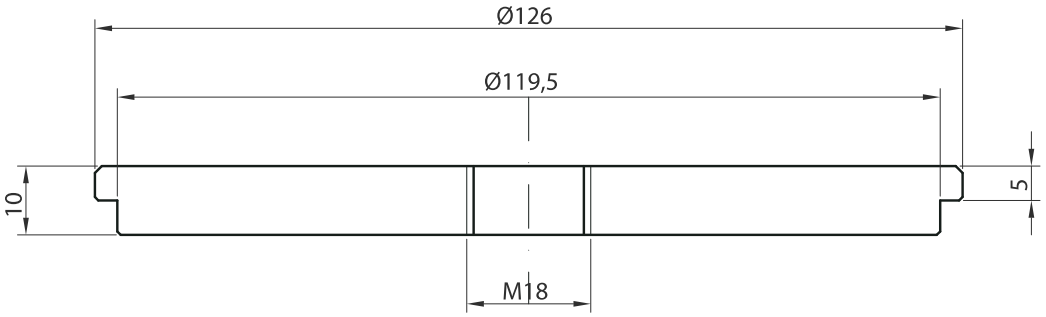
DIFFERENTIAL UNIT

ASSEMBLY DIAGRAM

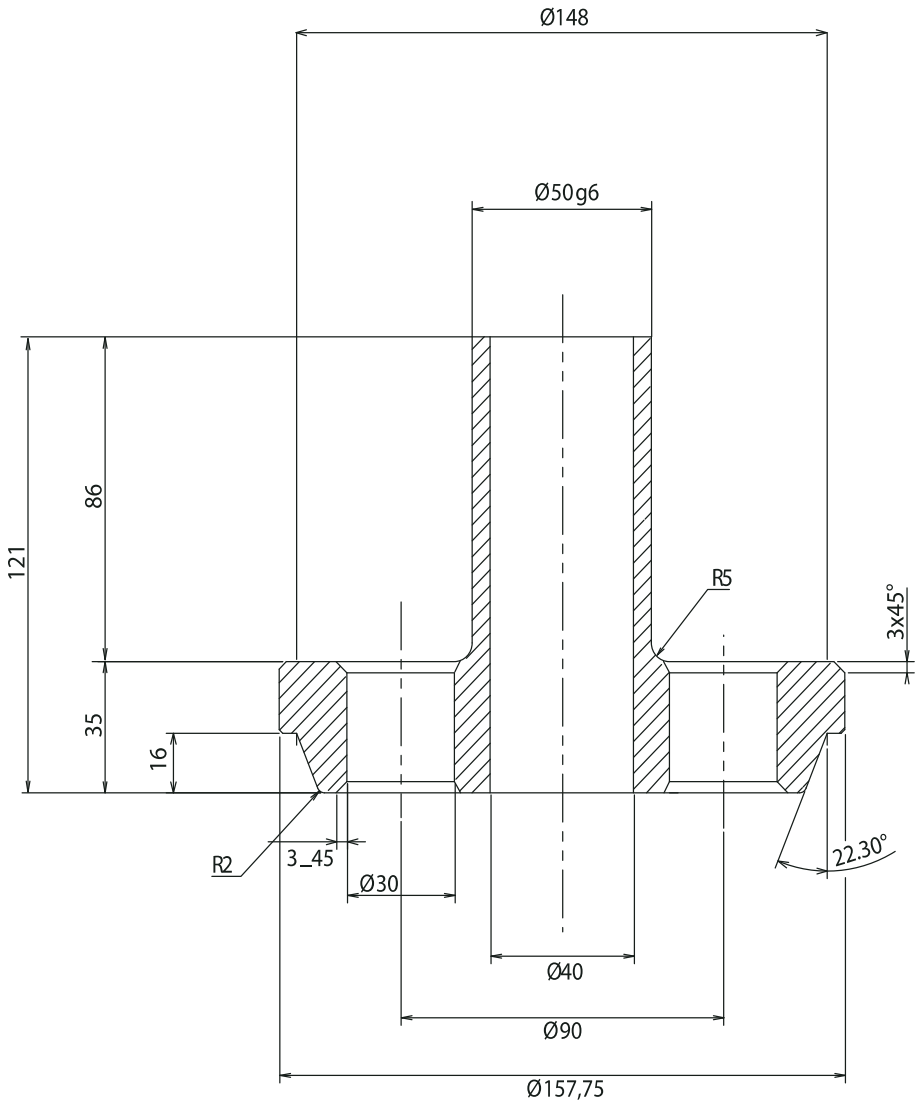


SPECIAL TOOLS

T1



T2



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