

I. Name the marked groups of tools and fixtures in the picture.



- 1
- 2
- 3
- 4

- 5
- 6
- 7

II. Name the types of clamping in the pictures.



Clamping the centering drill into the clamping head

Checking the knife tip setting

Clamping the centering drill

Clamping the knife into the knife head

III. What do you see in the pictures? Match the correct descriptions.



Clamping the reduction bushing
with a drill

Excavator, reamer, reduction bushings

Clamping the drill in the clamping head

IV. Assess the truth of statements.

- The knife head serves to clamp turning knives. _____
- Correct adjustment of the knife during clamping can be achieved using washers. _____
- We can clamp 6 knives in the knife head at once. _____
- The choice of washers when clamping is the same for different knives. _____
- We clamp rotary tools on the lathe using a knife head. _____
- Tools with a cylindrical shank are clamped using a clamping head. _____
- If the tool has a taper shank, we use a reduction bushing. _____
- After clamping, tighten the tools with wrenches. _____
- We can use the reduction bushing in combination with the clamping head. _____
- Lathe knives with a taper shank are clamped using a reduction bushing. _____

V. Make the correct pairs.

The knife head is to remove the tool from the reduction bushing.
When clamping the knife, we set it an incorrect setting.
Setting the knife below the axis is to the turning axis.
The reduction bushing is a device for clamping tools with a taper shank.
The punching wedge is used a fixture /preparation /for clamping knives.
We check the correct setting of the knife by comparing the position of the knife tip and the centering tip.

VI. Photo credits: STEP IN partnership

VII. Notes:

STEP IN to the online world/virtual learning, Facilitation of access to Vocational practice through online teaching at secondary technical schools

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OUTCOME TEST
MODULE 2 / TEST 2