

Drill sharpener – instruction manual

This tool is suitable for electric drilling machines with the neck diameter 43mm.

Assembly of the sharpening machine on the drilling machine:

1. Unplug from the socket
2. Close the drilling head but do not draw up too heavily.
3. Loosen the wing nut of the sharpening machine, string the linking piece to the end on the flange of the drilling machine.
4. Put the sharpening machine on the linking piece.
5. Press the sharpening machine to the linking piece and tighten properly the wing nut so that the linking piece and sharpening machine are tightly linked with the drilling machine.
6. Plug in the socket.

Usage:

1. Check if the sharpening machine is fixed well.
2. Put the drill which you want to sharpen into the given slot. Lightly press it into the correct position. If needed, put the grinding machine into the chuck.
3. Switch on the drilling machine, lightly press the drill and turn it left about 12times, then right. It is recommended to keep the rotation speed on the same level.
4. Turn the drill by 180° and repeat the activity from 3.
5. Variegate the grinding surface till the drill is sharp.
6. Warning: the drills should not be extremely hot or gain blue coat.
Do not sharp them too long, do not press too much. The best results are when pressing lightly and repeatedly.

Adjustment of the grinding machine:

We set the height of the grinding machine by the screw in the top plate. For most drills the ideal distance between top plate and grinding machine is about 0,3mm.

Exchange of the grinding machine:

1. Screw out 2 screws from the top plate of the linking piece and remove the top plate.
2. Take out the shaft with the grinding machine from the tool.
3. Screw out the shaft (left scroll) and change the grinding machine.
4. Fasten the shaft and top plate.