

DRILL PRESS

Alduro BM-14 Max 30kg workpiece weight Up Ø 16 mm drilling in steel (S235JR) 490 - 2510 min⁻¹



SAFETY

Behaviour

- Make sure your workpiece is secured
- Do not change tools when spindle is moving
- Never touch moving spindle
- Always keep your hands away from the moving spindle
- No towels near moving parts
- No measuring or marking when machine is running
- Only clean the machine when turned off
- Never change the safety systems

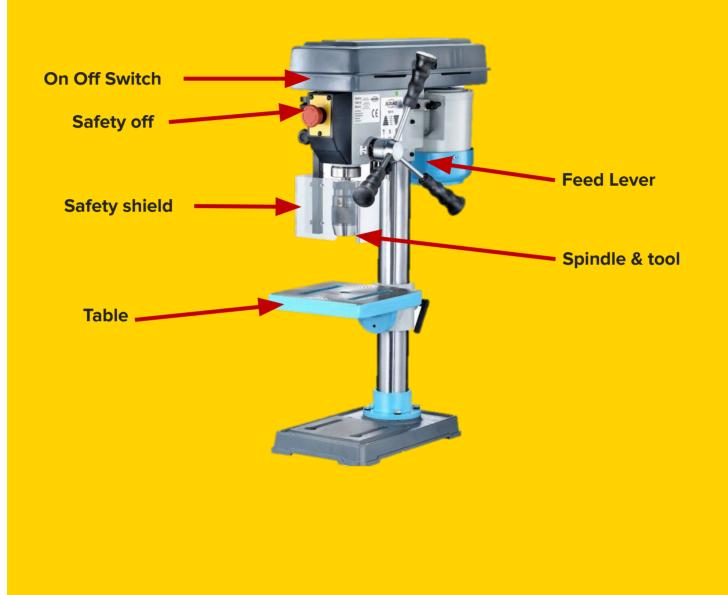
Equipment

- Safety goggles
- No baggy clothing
- No open hair
- No jewelry (Including watches and rings)
- No gloves





TERMS





ADDONS

Schield adjustment

The shield can be moved by untightening this screw. Make sure do have the shield in place when drilling.



Holding the workpiece

For to hold a workpiece a vise must be used. It is not allowed to use the machine without the vise. Be careful not to cut into the vise or the table.





TOOLS

Changing tools

Place a towel underneath the tool, then place the tool in the collet and tighten it while holding it with one hand. Afterwards tighten the tool holder with both hands. Make sure the tool is inserted as far as possible.



Tools

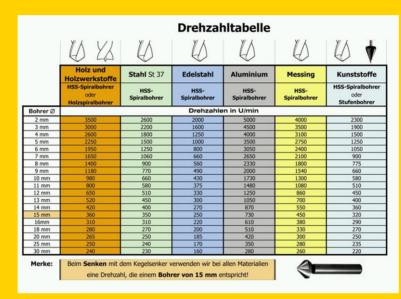
Depending on your material you will need a special drill bit. All metal drill bits can also be used on plastics.





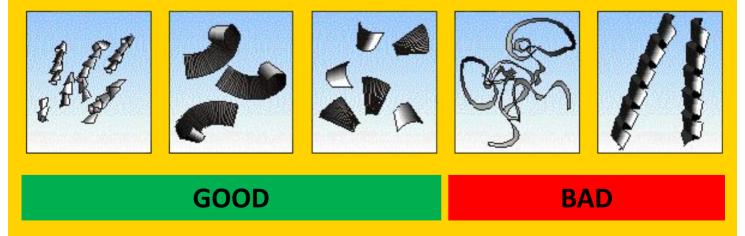
CUTTING VALUES

Different materials and tool diameters require different cutting speed. Please use the following table to get the right settings.



CHIP FORMATION

There are different kinds of chip. Illustrated below you can see which we want an which not. The right combination of speed and feed creates the correct kind of chip.





WORKFLOW

- Select material and tool
- Secure your material on the table
- Insert and secure your tool
- Check cuttings speed
- Make sure all the safety measures are taken
- Clothing
- Jewellery
- Safety equipment
- No Gloves
- Safety goggles

COMMON PROBLEMS

- Machine does not turn on
 - Legi System
 - On button (left side under the drip tray)
 - Safety off
- Tool wobbles around
 - Tool not inserted properly

