

Operating instruction for the wood hole saw LB



Application

The LB wood hole saw was specially developed to drill wood and wooden composites. The special insert design and choice of materials for the carbide tips permit extremely short drilling times and exceptional endurance.

Avoid drilling in other materials

Technical data

Drilling range	dia. 42- 322 mm
Recommended speed:	
• dia. 40 - 112 mm	1250 rpm
• dia.113 - 202 mm	650 rpm
• dia. 203 - 322 mm	350 rpm
Connecting thread	G 1/2"
Centring rod ZST	dia. 13 mm
Recommended DUSS diamond core drills	DIA 200 DIA 300 DIA 303 DIA 100W DIA 150W DIA 300W DIA 303W

Operating instructions

Adapters

LSA 1

quick release core adapter together with the drill adapter SVM



LSA 2

screw connection 1/2"



LSA 3

chuck for dia.13mm



LSA4

for SDS-max



LSA5

for SDS-max



LB wood hole saw:



Quick centring bit SZ



Quick centring rod ZST



Hand held drilling with the quick centring bit SZ (recommended up to dia. 132 mm)

Insert centring bit into the wood hole saw.



Place centring bit on the desired position.



Turn on the machine and start drilling under soft pressure.

If the thickness of the wood is more than 50 mm, the centring bit has to be taken off.



Put on the wood hole saw again and complete the drilling.



Attention:

After completion of the drilling process turn off the machine. Remove the wood hole saw with caution.

If necessary remove the sawn out piece



Attention:

Risk of injury caused by the carbide inserts.

Hand held drilling with the centring rod ZST (recommended beginning from dia. 132 mm and for horizontal application)

A pilot hole dia.14 mm is necessary (centring rod needs play).



Insert the centring rod, clamp with the threaded pin of the adapter LSA1.....LSA5 and complete the drilling.



Drilling deeper than 100 mm drilling depths

During the process of drilling through wood thicker than 100 mm the wood hole saw should be moved up and down in short intervals in order to remove the chips. Thereby the wood hole saw remains in the wood for at least 30mm.

Notes

For right angled drilling we recommend the DUSS drill stand BST 4 (up to dia. 182 mm).



Safety precautions

In order to avoid injuries and material damages please note below:

- Only work with drills that do have a safety clutch. Recommended drills see technical data on the front page.
- Always keep proper footing and balance and operate the core cutter only when standing on fixed, secured and level surface.
- Hold on to the machine with both hands.
- Wear appropriate protective equipment e.g. ear protection, goggles, safety shoes, protective gloves.
- Be careful handling the wood hole saw. There is a risk of injury caused by the carbide inserts.
- The carbide tips may be damaged by hitting against hard material.
- Use dust extraction in connection with a vacuum cleaner when the drilling causes harmful dust.

Maintenance

- Clean the wood hole saw LB after end of operation.
- Keep the wood hole saw LB dry.

Service

Repairs may only be carried out by a qualified person. Failing this, the operator may be exposed to the risk of accidents.

If a fault occurs, you are accordingly strongly recommended to return the wood hole saw LB to the following address:

Their experienced specialists and special equipment allow them to rectify faults properly and economically. In urgent cases, the repairs will be carried out within a day.

The wood hole saw LB is to be returned complete, at the sender's risk and expense.