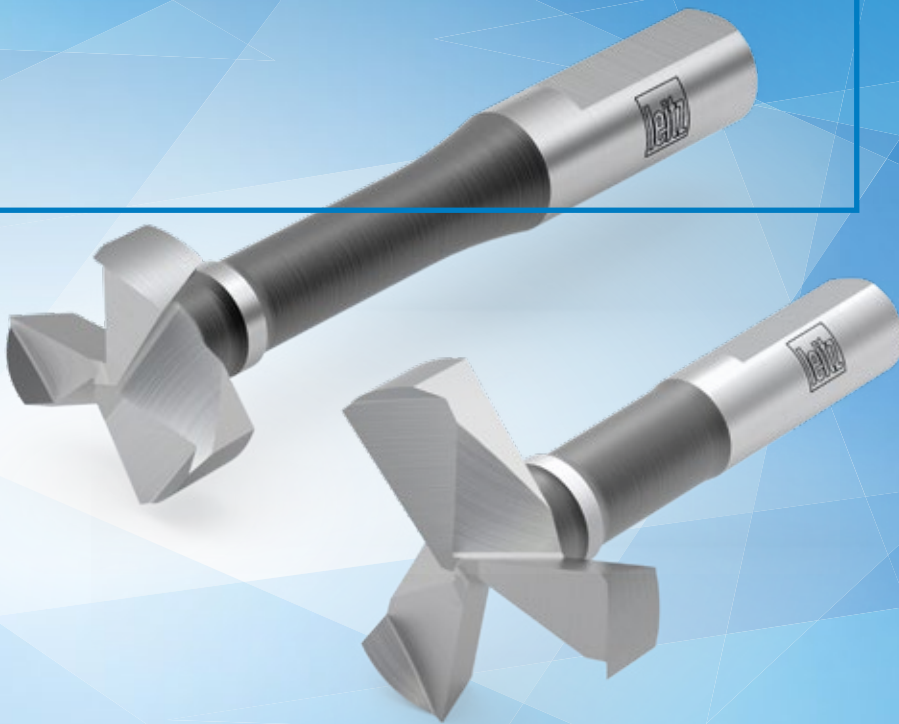




# Solid tungsten carbide hinge boring bit Z 3/V 3

For more quality and lifetime  
also in critical working material



A typical “bottleneck” in furniture or object construction is the drilling of panel materials. Above all, the drilling of hinge holes at the edge of the panel is a problem for many manufacturers when the quality of the drill hole deteriorates more and more after a short time due to tool wear.

The solution is offered by the Leitz solid tungsten carbide hinge boring bit with three cutting edges. This tool not only drills faster but also better. The consequences are fewer rejects and the reduction of manual reworking on the workpiece.

## YOUR BENEFITS

- High boring quality
- Long lifetime
- Less reworking
- Process security

## AT A GLANCE

- Design in righthand and lefthand direction
- Optimized spurs for better boring quality
- Multiple resharpenable
- Diameter 18–35 mm
- Suitable for all conventional boring systems and boring gears
- Suitable for all panel materials and conventional decors
- Available from stock
- Solid tungsten carbide cutting edges



Picture above: Holes for furniture hinges with conventional hinge boring bits.

Picture below: Tear-free hole edges with the new Leitz hinge boring bit Z 3/V 3.

-100 %

REWORKING OF  
THE HOLE EDGES

2 TO 3 TIMES

LONGER LIFETIME

+50 %

HIGHER  
BORING SPEED

## Your benefits due to ...



### QUALITY

#### Fewer tear-outs even with demanding decors and finishes

- Tear-free hole edges due to newly developed spur geometry
- Better edge quality for edge bores by increasing the number of teeth from Z 2 to Z 3
- Reduced tendency to recut during return stroke, even on machines with low spindle stiffness



### PRODUCTIVITY

#### Significant increase of boring speed and increase of lifetime

- Increased productive time through fewer change of boring bits
- Higher speeds by improved tungsten carbide grade (optimized for boring)
- Faster boring possible by increasing the number of cutting edges from Z 2 to Z 3



### EFFICIENCY

#### Minimized reworking and significantly less reject

- No reworking thanks to improved quality of the borings
- Reduced stillstand and changing times
- Wider range of application in different materials and decor types without exchanging the boring bit

Significantly fewer quality problems and faster machining due to more cutting edges.

