

# Camshaft



## Workpiece information

Industry	Automotive
Part name	Camshaft
Material type	FCD
Cutting process	Drilling

## Processing conditions

Tool	XEBEC Back Burr Cutter and Path (XC-38-A)
Processing detail	Back deburring after drilling
Spindle Speed (min <sup>-1</sup> )	9,000
Table Feed (mm/min)	1,000
Depth of cut (mm)	0.25
Machining time (sec)	—

### Before

**Tool** Spring-type back deburring tools

**Problem** Uneven edge resulted in over-deburring or incomplete deburring.



### After

**Tool** XEBEC Back Burr Cutter and Path (XC-38-A)

**Result** Uniform edge quality in shorter operating time realized.



Deburring after drilling

## Tool > XEBEC Back Burr Cutter and Path™

Deburr and chamfer the front and back of multiple elliptical or off-center holes in a single pass.

