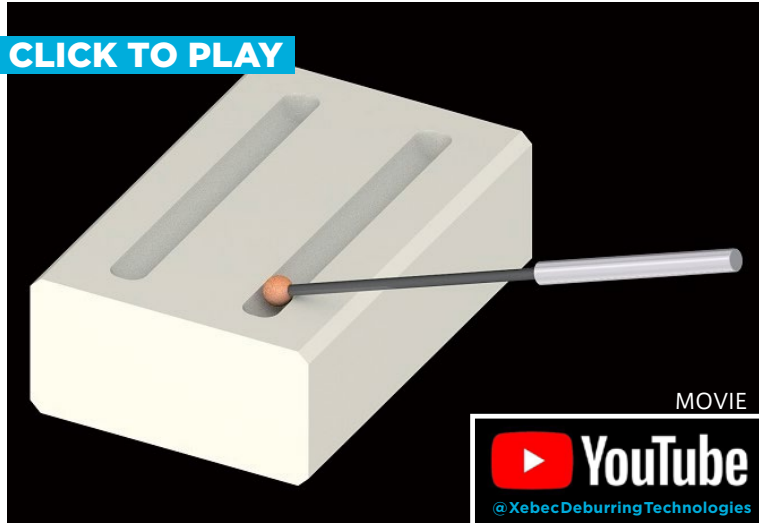


# Ceramic parts



## Workpiece information

Industry	General Machinery
Part name	Ceramic parts
Material type	Brittle material
Cutting process	Others

## Processing conditions

Tool	XEBEC Stone Flexible Shaft Type (CH-PO-4B)
Processing detail	Polishing the bottom part after grooving process
Spindle Speed (min <sup>-1</sup> )	4,000
Depth of cut (mm)	0.5

### Before

**Tool** Sandpaper

**Problem** Polishing was done by sandpaper. It damaged the edge shape. Besides, sandpapers wore out easily and replacement required frequently.

### After

**Tool** XEBEC Stone Flexible Shaft Type (CH-PO-4B)

**Result** Simplified deburring realized by moving tools across the groove. Edge quality stabilized.



Hole deburring

## Tool XEBEC Stone™ Flexible Shaft

Flexible shaft allows soft contact with a workpiece and suppresses subtle vibration when being processed.

Ideal for deburring the front and back of a drilled hole both.

