

Cup



Workpiece information

Industry	Medical
Part name	Cup
Material type	Cobalt-chromium alloy
Cutting process	Turning

Processing conditions

Tool	XEBEC Brush for Surface (A13-CB06M)
Processing detail	Removal of cutter marks and polishing after end milling process
Work piece rotational speed (min ⁻¹)	2,250
Spindle Speed (min ⁻¹)	1,800
Table Feed (mm/min)	0.1
Depth of cut (mm)	0.2

Before

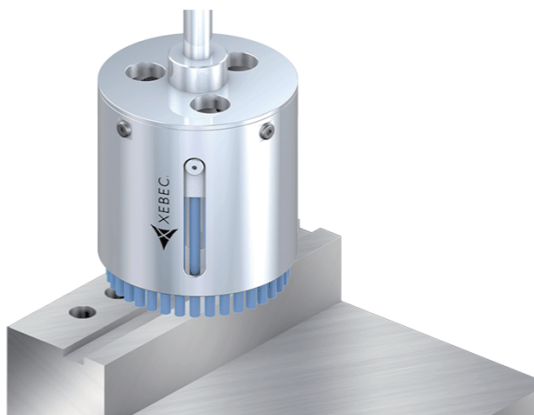
Tool Grindstone, sandpaper

Problem It took time for deburring by manual work. Resulted in unstable quality.

After

Tool XEBEC Brush for Surface (A13-CB06M)

Result By CNC machine polishing, stable quality realized in a short cycle time.



Deburring after face-milling, end-milling and drilling
Cutter mark removal and polishing on surface

Tool > XEBEC Brush™ Surface

Ideal for deburring, cutter mark removal and polishing on surface

