

Convex surface



Workpiece information

Industry	Medical
Part name	Convex surface
Material type	Cobalt-chromium alloy
Cutting process	Cutting

Processing conditions

Tool	XEBEC Brush Surface (A13-CB06M)
Processing detail	Removal of cutter marks and polishing after end milling process
Work piece rotational speed (min ⁻¹)	450
Spindle Speed (min ⁻¹)	3,440 (Pre-finishing process) 8,100 (Finishing process)
Table Feed (mm/min)	0.1

Before

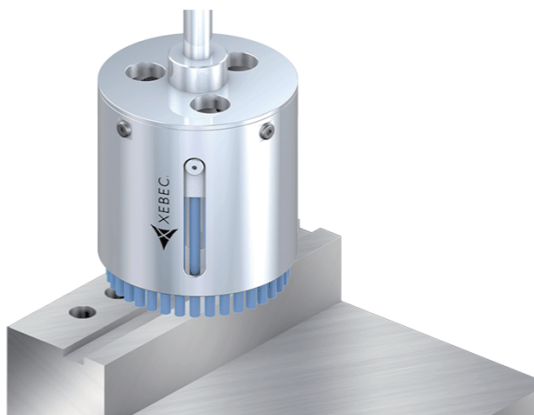
Tool Grindstone, sandpaper

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

After

Tool XEBEC Brush Surface (A13-CB06M)

Result Automated deburring with stable quality in a shorter cycle time realized.



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

