

Artificial bone



Workpiece information

Industry	Medical
Part name	Artificial bone
Material type	Stainless
Cutting process	End mill processing

Processing conditions

Tool	XEBEC Brush Surface (A31-CB06M)
Processing detail	Removal of cutter marks and polishing after end milling process
Spindle Speed (min ⁻¹)	6,500
Table Feed (mm/min)	1,200
Depth of cut (mm)	0.5

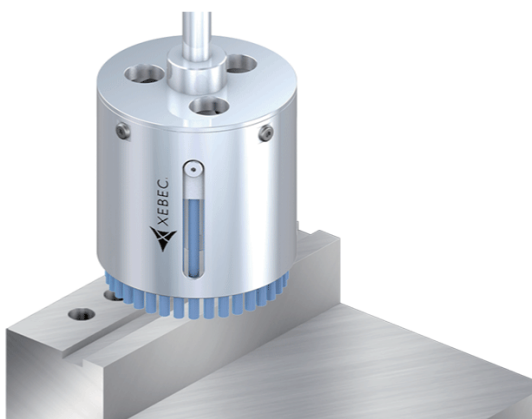
Before

- Tool** Grindstone, sandpaper
- Problem** It took time for deburring by manual work. Resulted in unstable quality.



After

- Tool** XEBEC Brush Surface (A31-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