

Smartphone (Body)



Workpiece information

Industry	Electronics
Part name	Smartphone (Body)
Material type	Aluminium and plastic based complex material
Cutting process	End milling

Processing conditions

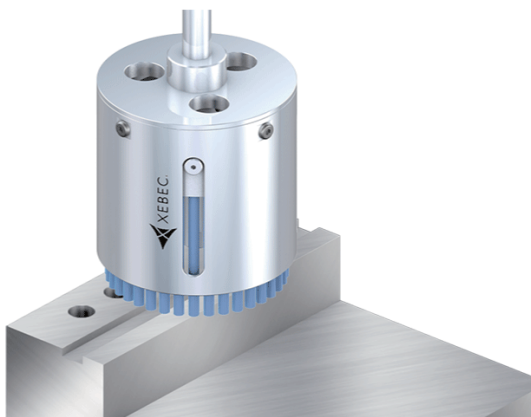
Tool	XEBEC Brush Surface (A13-CB15M)
Processing detail	Deburring after end milling process
Spindle Speed (min ⁻¹)	3,000
Table Feed (mm/min)	4,000
Depth of cut (mm)	0.5
Machining time (sec)	—

Before

Problem It was necessary to design machining line under the prerequisite that deburring is automated.

After

Tool XEBEC Brush Surface (A13-CB15M)
Result Fully automated deburring in a machining center enabled stable and efficient deburring.



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

