

Ring plate



Workpiece information

Industry	Automotive
Part name	Ring plate
Material type	SPH
Cutting process	Others

Processing conditions

Tool	XEBEC Brush for Surface (A32-CB25M)
Processing detail	Deburring outer edge after pressing
Spindle Speed (min ⁻¹)	4,000
Table Feed (mm/min)	—
Depth of cut (mm)	0.5
Machining time (sec)	—

Before

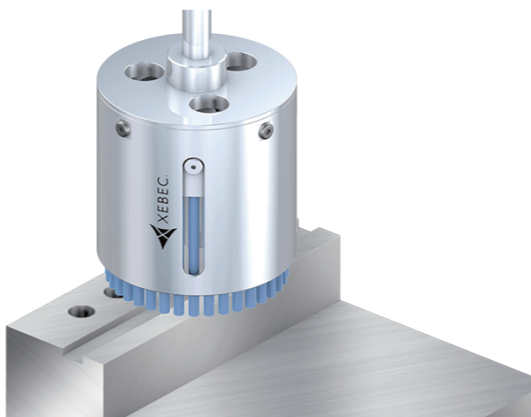
Tool Abrasives-impregnated nylon brush

Problem Nylon brushes did not have enough grinding power. On the other hand, grindstones did not fit well to workpieces and burr remained. Therefore, deburring could not be automated.

After

Tool XEBEC Brush Surface (A32-CB25M)

Result No burrs left. Full automation process 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

