

Oil pan

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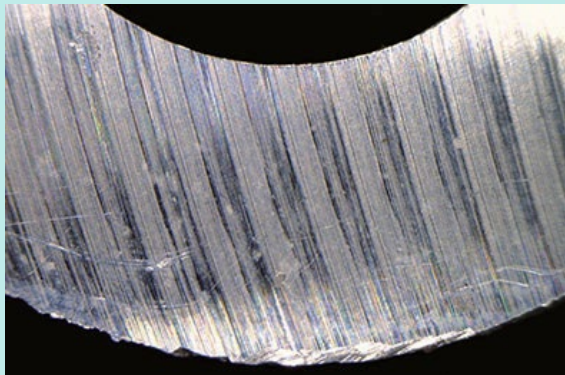
Workpiece information

Industry	Automotive
Part name	Oil pan
Material type	Aluminium alloy
Cutting process	Front cutter processing

Processing conditions

Tool	XEBEC Brush for Surface (A31-CB25M)
Processing detail	Deburring of the matching surface after face milling process.
Spindle Speed (min ⁻¹)	2,000
Table Feed (mm/min)	3,000
Depth of cut (mm)	0.5
Machining time (sec)	—

Before

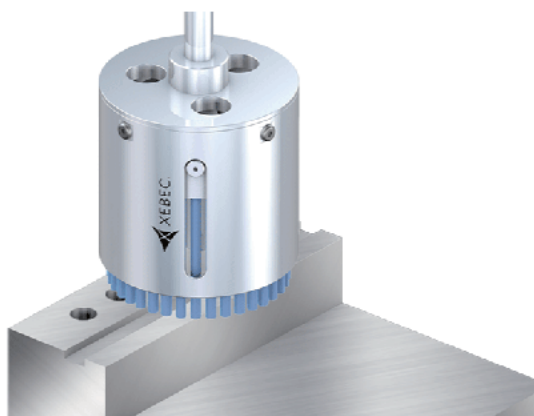


Tool	Wire brush
Problem	Scratches are left by deburring with wire brushes.

After



Tool	XEBEC Brush for Surface (A31-CB25M)
Result	Full automation deburring with machining center realized with improved surface quality.



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

