

Jig plate

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Workpiece information

Industry	General Machinery
Part name	Jig plate
Material type	Aluminium
Cutting process	Drilling

Processing conditions

Tool	XEBEC Brush for Surface (A11-CB40M)
Processing detail	Deburring after drilling with $\phi 1.2$ mm tool
Spindle Speed (min ⁻¹)	2,000
Table Feed (mm/min)	4,000
Depth of cut (mm)	0.5
Machining time (sec)	—

Before

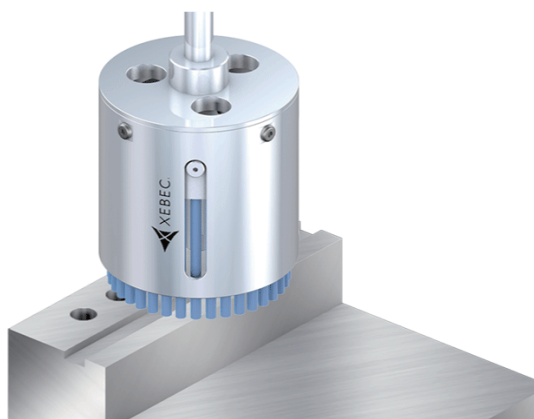
Tool Sandpaper

Problem It took time for deburring. Secondary burrs occurred in the $\phi 1.2$ holes sometimes.

After

Tool XEBEC Brush for Surface (A11-CB40M)

Result Shorter deburring cycle time and stable quality 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

