

Ink roll

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Workpiece information

Industry	General Machinery
Part name	Ink roll
Material type	Iron-based
Cutting process	Turning

Processing conditions

Tool	XEBEC Brush Surface (A21-CB40M)
Processing detail	Deburring of cylinder surface after grinding process
Spindle Speed (min ⁻¹)	1,080
Table Feed (mm/min)	3,600
Depth of cut (mm)	0.5

Before

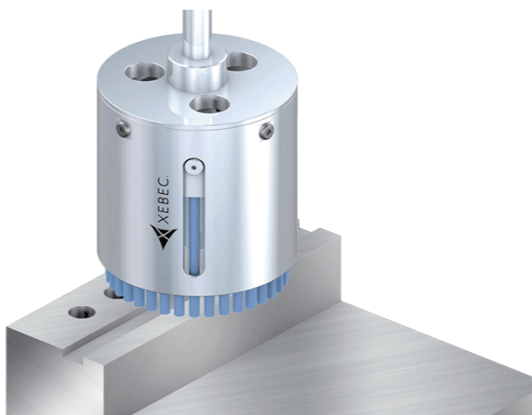
Tool File

Problem Approximately 1mm-deep burrs are generated on the entire surface of a shaft over 800 mm. It took time for deburring.

After

Tool XEBEC Brush Surface (A21-CB40M)

Result By introduction of fully automated deburring, process time decreased from several hours to 15 min.



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

