

Spool

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Workpiece information

Industry	General Machinery
Part name	Spool
Material type	Iron-based
Cutting process	Drilling

Processing conditions

Tool	XEBEC Stone Flexible Shaft Type (CH-PM-6B)
Processing detail	Deburring the edge after end milling process
Spindle Speed (min ⁻¹)	5,000
Depth of cut (mm)	0.5

Before

Tool File

Problem There were problems such as unstable edge shapes and secondary burrs.



After

Tool XEBEC Stone Flexible Shaft Type (CH-PM-6B)

Result Simplified deburring realized by moving the tool across the groove. No secondary burrs were reported and quality stabilized.



Hole deburring

Tool > XEBEC Stone™ Flexible Shaft

Flexible shaft allows soft contact with a workpiece and suppresses subtle vibration when being processed.

Ideal for deburring the front and back of drilled holes both.

