

# Turbine disk



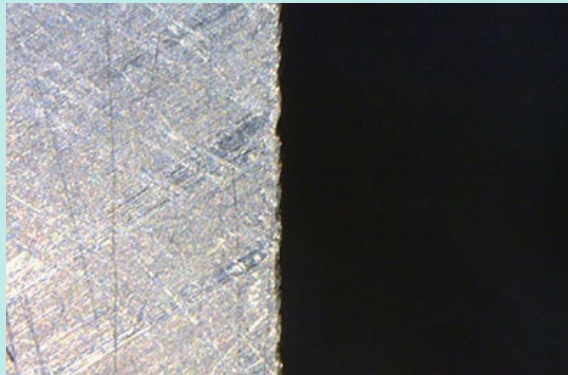
## Workpiece information

Industry	Aerospace
Part name	Turbine disk
Material type	Inconel
Cutting process	Others

## Processing conditions

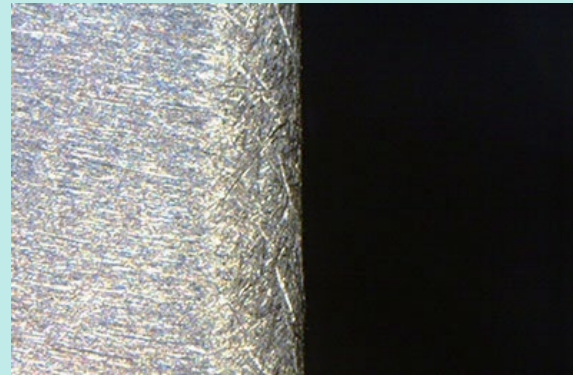
Tool	XEBEC Brush Surface (A11-CB40M)
Processing detail	Deburring after grinding process
Spindle Speed (min <sup>-1</sup> )	1,500
Table Feed (mm/min)	2,400
Depth of cut (mm)	0.5
Machining time (sec)	—

### Before

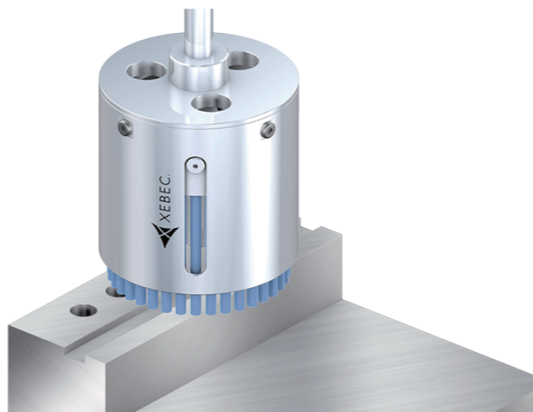


Tool	Grindstone
Problem	Burrs remained and edge quality was inconsistent.

### After



Tool	XEBEC Brush Surface (A11-CB40M)
Result	Achieved full automation with machining center. No burrs left and quality stabilized.



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

