

# Wing rib



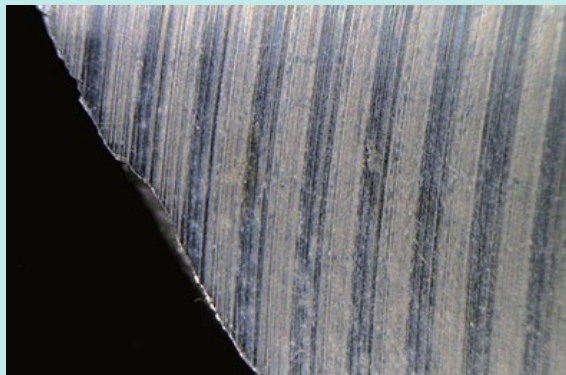
## Workpiece information

Industry	Aerospace
Part name	Wing rib
Material type	Aluminum
Cutting process	End mill processing

## Processing conditions

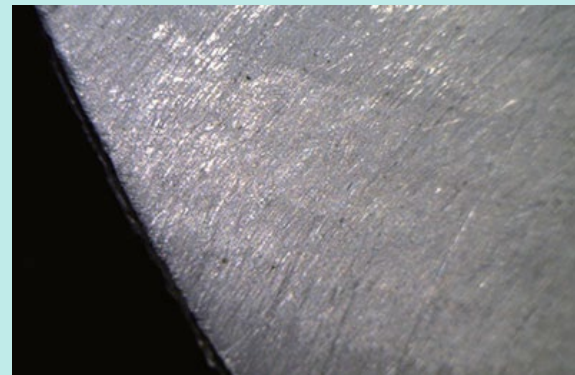
Tool	XEBEC Brush Surface (A11-CB25M)
Processing detail	Deburring after end milling process
Spindle Speed (min <sup>-1</sup> )	4,000
Table Feed (mm/min)	800
Depth of cut (mm)	0.7
Machining time (sec)	—

### Before

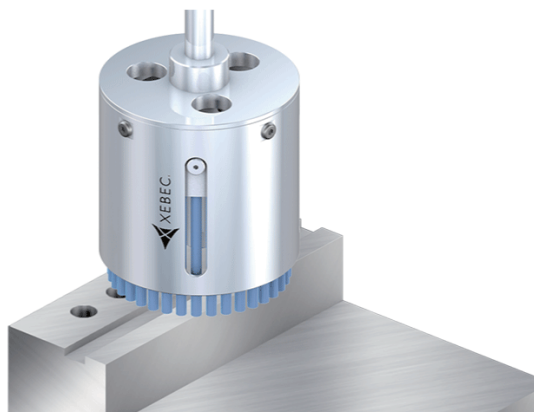


Tool	Belt sander
Problem	It took time for deburring due to large workpiece.

### After



Tool	XEBEC Brush Surface (A11-CB25M)
Result	By the introduction of automated deburring, stable quality realized in a shorter cycle time.



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

