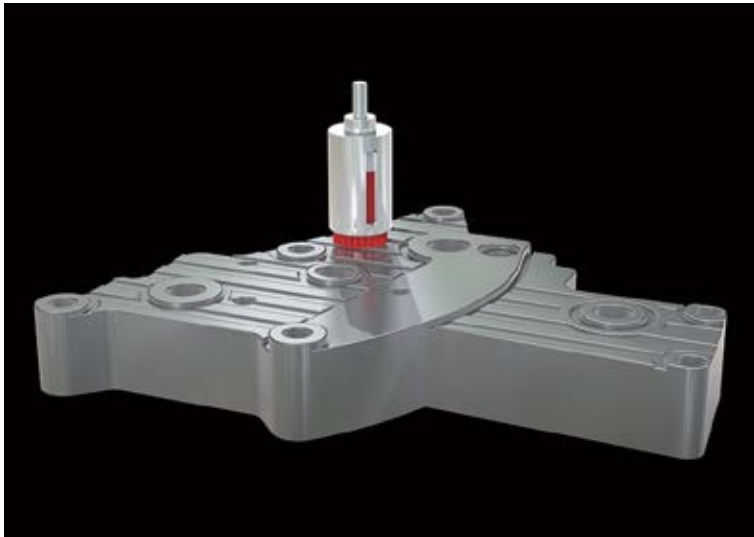


Landing gear parts



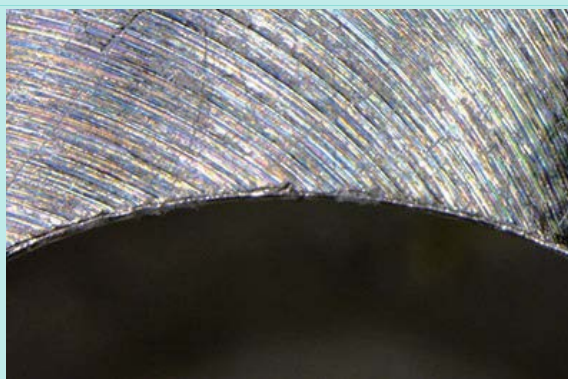
Workpiece information

| | |
|-----------------|-------------------------|
| Industry | Aerospace |
| Part name | Landing gear parts |
| Material type | Aluminum |
| Cutting process | Front cutter processing |

Processing conditions

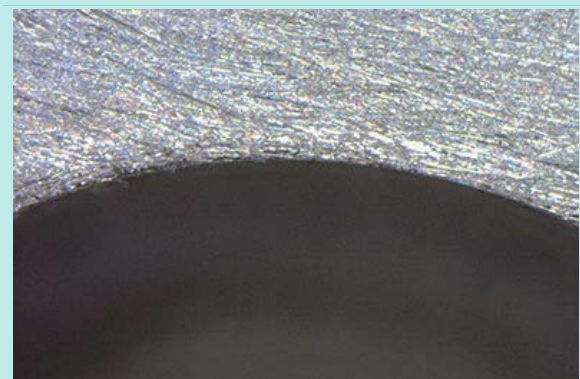
| | |
|------------------------------------|---|
| Tool | XEBEC Brush Surface (A11-CB100M) |
| Processing detail | Deburring the edge face after milling process |
| Spindle Speed (min ⁻¹) | 3,000 |
| Table Feed (mm/min) | 2,000 |
| Depth of cut (mm) | 0.7 |
| Machining time (sec) | — |

Before

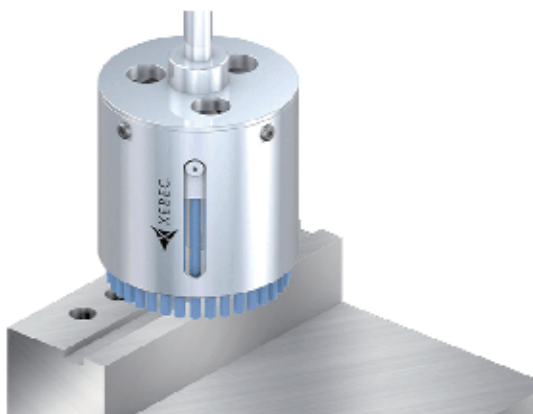


| | |
|---------|---|
| Tool | File |
| Problem | Manual deburring caused unstable quality and long processing time required. |

After



| | |
|--------|--|
| Tool | XEBEC Brush Surface (A11-CB40M) |
| Result | Deburring is fully automated and consistent finish achieved. |



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

