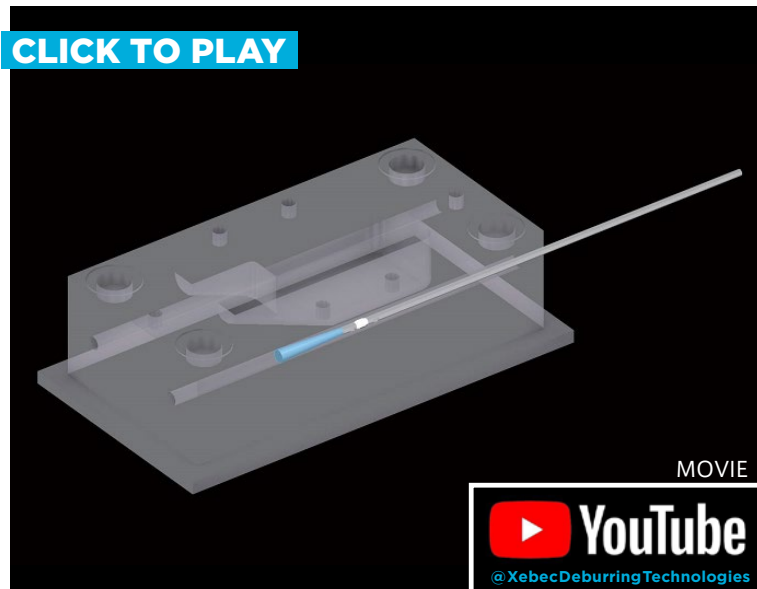


Mold (Cooling hole)



Workpiece information

Industry	Mold
Part name	Mold (Cooling hole)
Material type	SKD60
Cutting process	Reaming

Processing conditions

Tool	XEBEC Brush Crosshole (CH-A33-7F)
Processing detail	Cooling hole polishing after reaming
Spindle Speed (min ⁻¹)	12,000
Table Feed (mm/min)	2,000
Depth of cut (mm)	—

Before

Tool Round bar grindstone

Problem It took time for manual use of rod grindstone. There was no tool reaching a deep hole of 300mm or more. Manhour required to make a custom-build shank in order to hold a grindstone.



After

Tool XEBEC Brush Crosshole (CH-A33-7F)

Result Stable finish quality in a shorter time realized.



Tool XEBEC Brush™ Crosshole Extra-Long

Suitable for deburring, polishing and cutter mark removal of inner diameter and counterbored part exceeding 150 mm in depth

