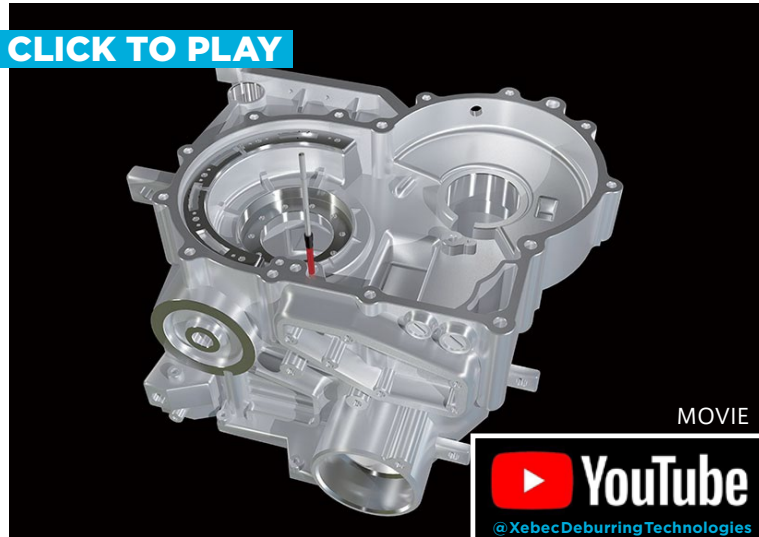


Transmission case (Cross hole)



Workpiece information

Industry	Automotive
Part name	Transmission case (Cross hole)
Material type	ADC12
Cutting process	Drilling

Processing conditions

Tool	XEBEC Brush Crosshole (CH-A12-7L)
Processing detail	Crosshole deburring after drilling process
Spindle Speed (min ⁻¹)	7,200
Table Feed (mm/min)	300

Before

Tool Twisted brushes and rotary tool

Problem Twisted brush was used with rotary tool. It took man-hour for deburring the inside diameter by manual work.



After

Tool XEBEC Brush Crosshole (CH-A12-7L)

Result By introduction of automated deburring, workability and quality of inside diameter improved.



Deburring after drilling
Cutter mark removal and polishing on inner diameter

Tool > XEBEC Brush™ Crosshole

Ideal for deburring, polishing and cutter mark removal of inner diameter and counterbored part

