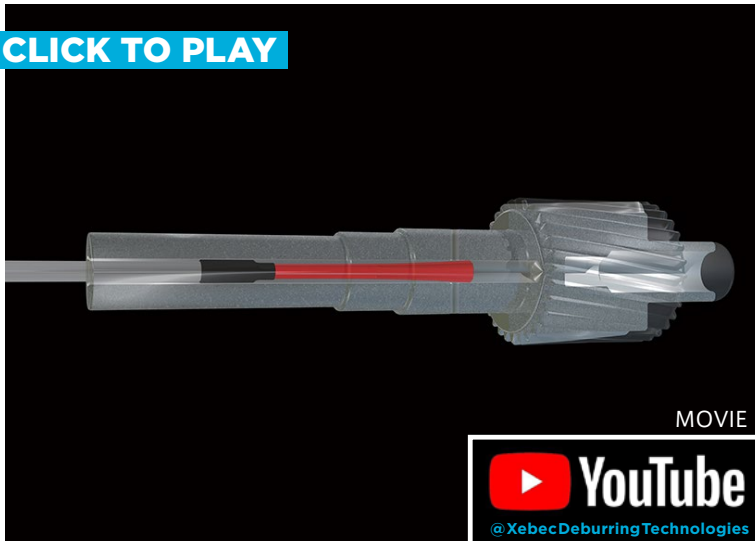


Reduction gear (Cross hole)

CLICK TO PLAY



Workpiece information

Industry	Automotive
Part name	Reduction gear (Cross hole)
Material type	Scr420
Cutting process	Drilling

Processing conditions

Tool	XEBEC Brush Crosshole (CH-A12-3L)
Processing detail	Crosshole deburring after drilling process
Spindle Speed (min ⁻¹)	10,800
Table Feed (mm/min)	300

Before

Tool Wire brush

Problem Burr remained by low grinding power. Quality unstable due to deformation of brush material.



After

Tool XEBEC Brush Crosshole (CH-A12-3L)

Result Burr eliminated and stable quality realized at mass-production line.



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

