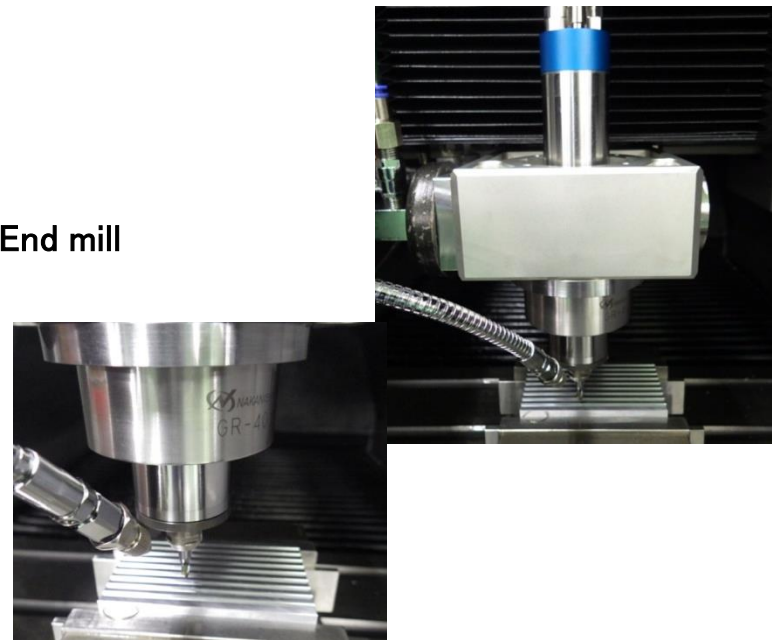
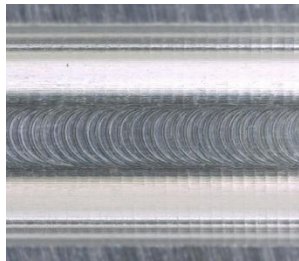
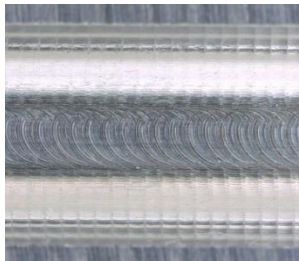
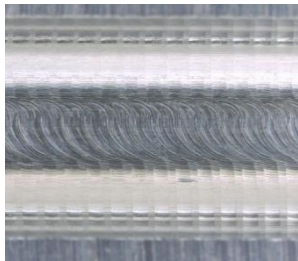


BMS-4040 ϕ 3.0mm End mill Application (A5052P)

Motor Spindle BMS-4040
Machine Sodick MC (MC430L)
Tools NS TOOL ϕ 3 2-Flute MUGEN-COATING
 Radius End mill MSRS230 ϕ 3 $\times$ R1
Work Aluminum Alloy (A5052P) 100 $\times$ 60 $\times$ 15
Cutting Pre-processing: Cutting a groove with Φ 2mm End mill
 Slotting both side each 0.5mm
 overhang 18mm (From End face of Collet Nut)
Coolant Non-water-soluble cutting oil
Cutting Condition Cutting Speed : 377m/min
 Spindle Speed : 40,000min⁻¹
 Feed : 8,000 ~ 16,000mm/min
 Feed per Tooth : 0.066~0.133mm/tooth
 Depth of cut : Ap0.5mm $\times$ Ae0.5mm



Feed (mm/min)		
8,000	12,000	16,000
		
2 load meter lighting Rz0.634 μ m	3 load meter lighting Rz0.713 μ m	3 load meter lighting Rz0.783 μ m