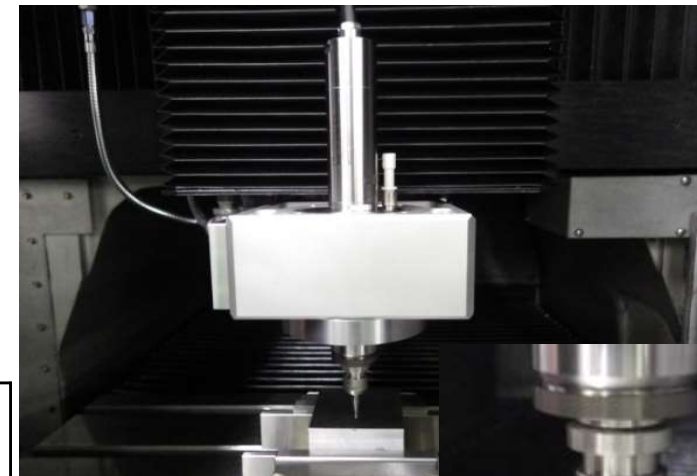


NR3060-AQC/EM-3060J R1 Ball End mill Application (A7075P)

Motor Spindle NR3060-AQC/EM-3060J/E3000
 Machine Sodick MC (MC430L)
 Tools Mitsubishi Hitachi Tool CS-coated Carbide
 End mill Ball R1 YB2020-CS
 Work Aluminum alloy 7075P □60 × 60 × 20
 Cutting Side milling, Up cut
 Coolant Non-water-soluble cutting oil
 Cutting Condition

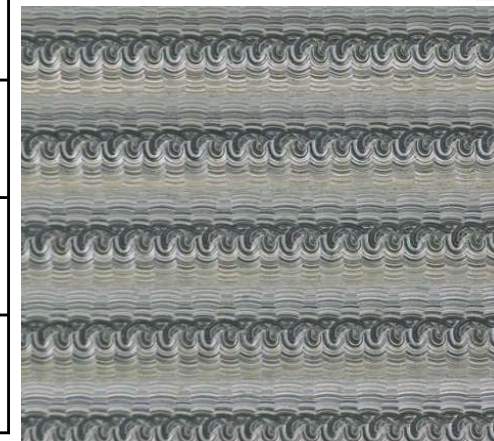
	Mitsubishi Hitachi Tool	NAKANISHI
Cutting Speed [m/min]	150-250	377
Spindle Speed [min ⁻¹]	35,000	60,000
Feed [mm/min]	3,350 <u>3.6times</u>	12,000
Feed Rate [mm/tooth]	0.05	0.1
Depth of cut Ap × Ae[mm]	0.05 × 0.2	0.3 × 0.5
E3000 Controller load meter	-	1 load meter lighting (continuous duty operation)



Processing
Efficiency
53times



Overhang: 20mm



Photographing
magnification
× 100