

DLC-AZS A5052 milling example

Tool : **DLC-AZS 3040-120**, AZS 3040-120 ($\phi 4 \times 12$)
Competitor's DLC coated tool (same size)

Work material : A5052

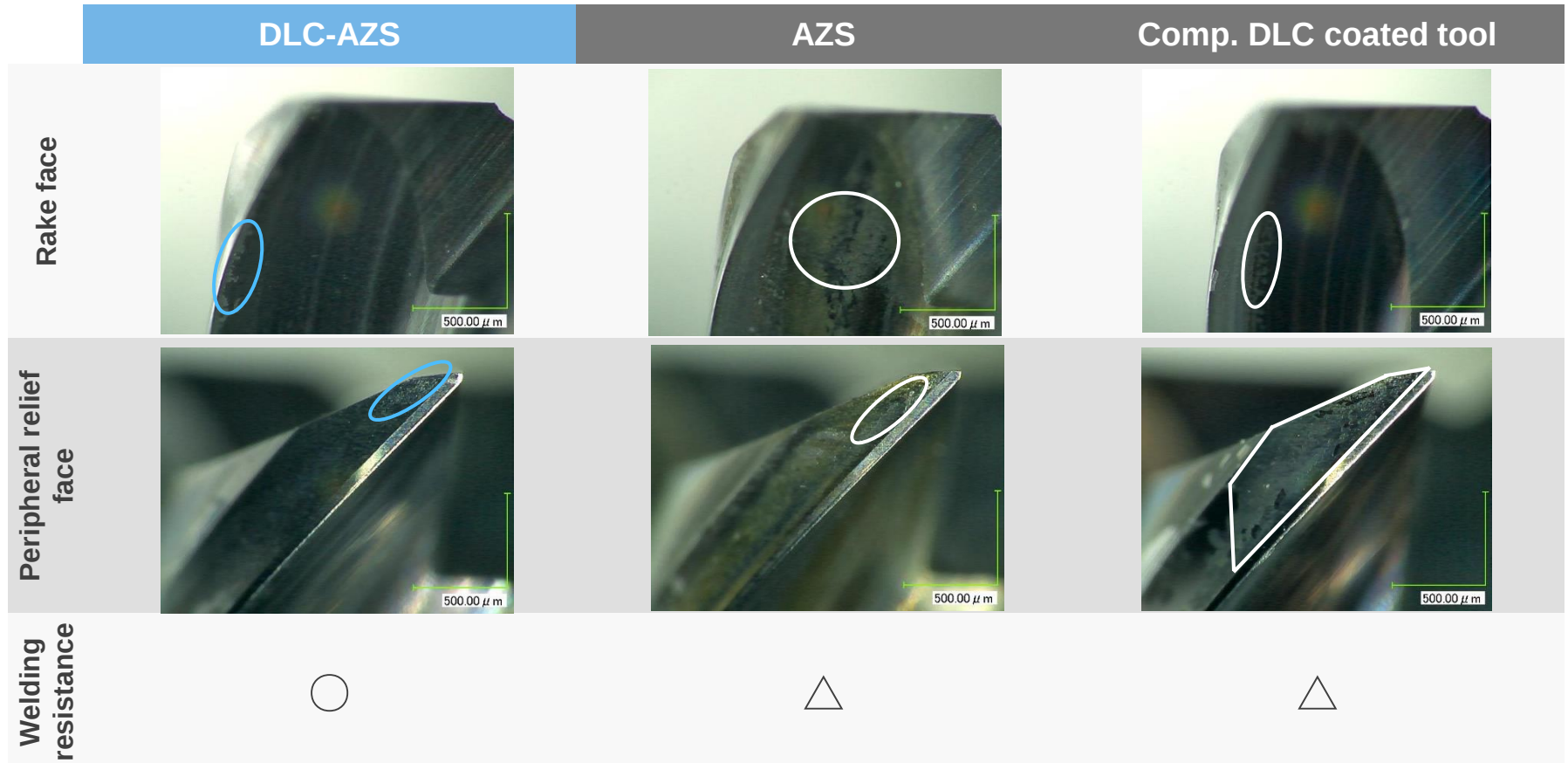
Milling method : Slotting (200 mm) 38 slots

Coolant : Water soluble

Milling condition

Spindle Speed (min^{-1})	Feed Rate (mm/min)	a_p (mm)
16,200	2,000	3

~ Welding on the tool ~



DLC-AZS A5052 milling example

Tool : **DLC-AZS 3040-120**, AZS 3040-120 ($\phi 4 \times 12$)
Competitor's DLC coated tool (same size)
Work material : A5052
Milling method : Slotting (200 mm) 38 slots
Coolant : Water soluble

Milling condition

Spindle Speed (min^{-1})	Feed Rate (mm/min)	a_p (mm)
16,200	2,000	3

~ Burr situation comparison ~

