

# ULF coated routers



ULFコートルーター加工事例

## Aluminum routing

Work material: ① Aluminum (**A5052**) t1.0 , 1 panel / stack  
② **Aluminum base PCB** (Aluminum t1.0 + Insulating layer t0.08) t1.08

① N:28,000 min<sup>-1</sup> F:0.4 m/min f:14 μ m/rev

② N:30,000 min<sup>-1</sup> F:0.5 m/min f:17 μ m/rev



# Aluminum routing - Performance of ULF coated router -

アルミ加工 ULFコートルーター 加工事例



## Routing condition [加工条件]

Work material : Aluminum (A5052) t1.0, 1 panel / stack  
N : 28,000 min<sup>-1</sup> F : 0.4 m/min f : 14 μm/rev

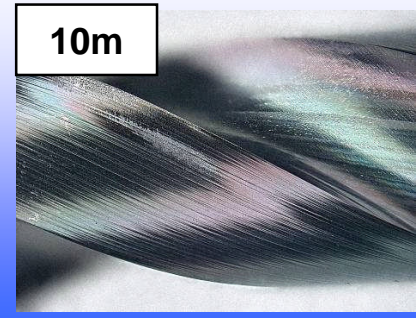
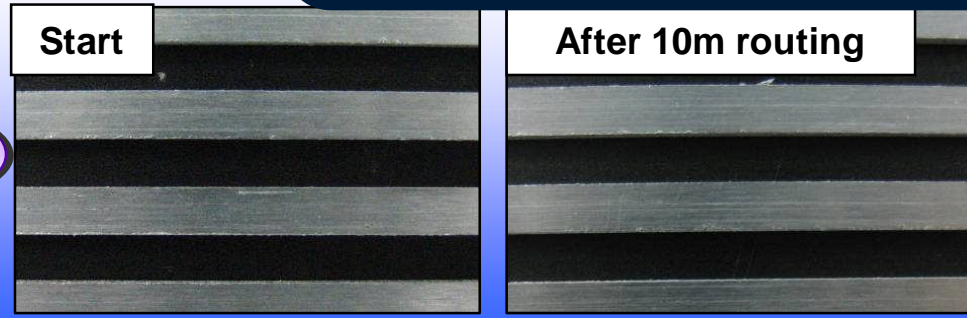
評価ルーター: RAUφ2.0×8

## Routing performance on Aluminum [アルミ板(A5052)加工事例]

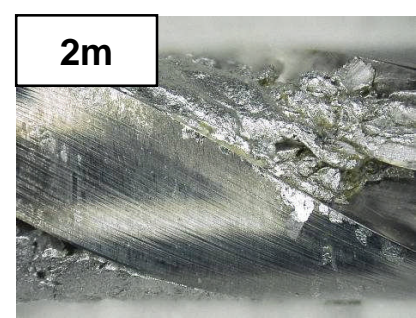
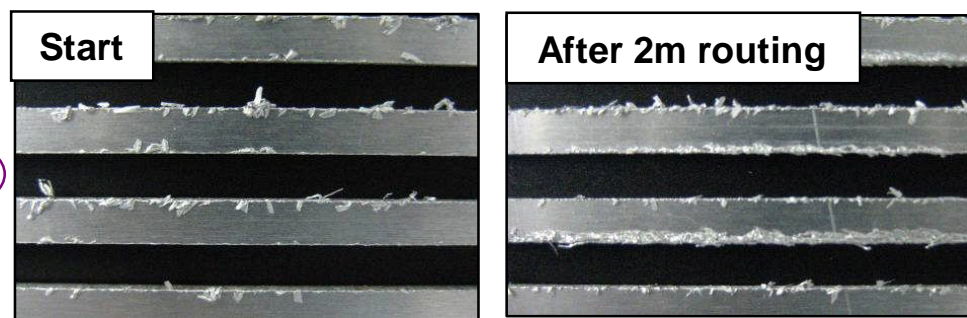
■ Slit burr [スリットのバリ] **Less burr, high speed machining**  
バリ低減、高速加工を実現

■ Cutting edge [切れ刃状態]

ULF model



Conventional non-coat





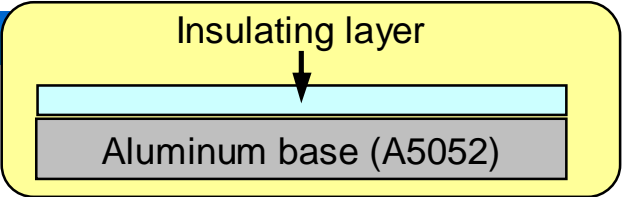
# Aluminum routing - Performance of ULF coated router -

アルミ加工 ULFコートルーター 加工事例



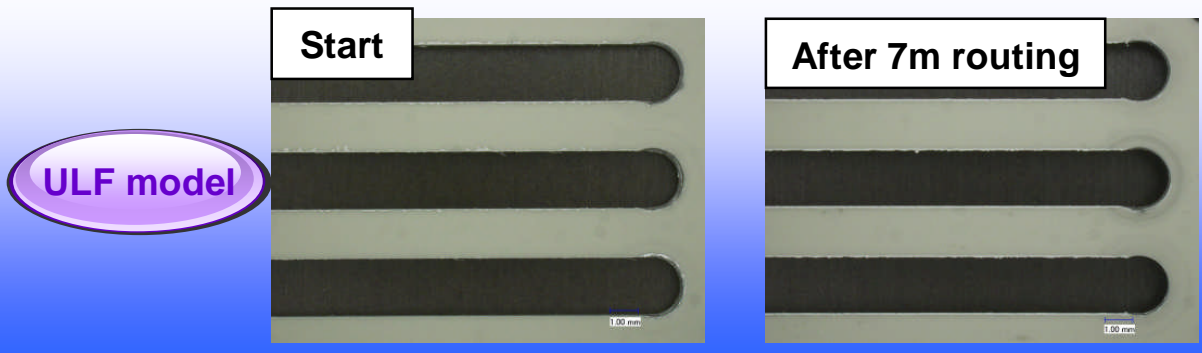
## Routing condition [ 加工条件 ]

Work material : Aluminum base PCB (Al t1.0 + Insulating layer t0.08) t1.08, 1 panel / stack  
N : 30,000 min<sup>-1</sup> F : 0.5 m/min f : 17 μm/rev



## Routing performance on Aluminum base PCB [ アルミベース基板加工事例 ]

### ■ Slit burr - Insulating layer side - [ スリットのバリ - 絶縁樹脂層側 - ]



### ■ Cutting edge [ 切れ刃状態 ]

