

# φ0.3新形状ドリル加工事例

New Design Drilling Performance

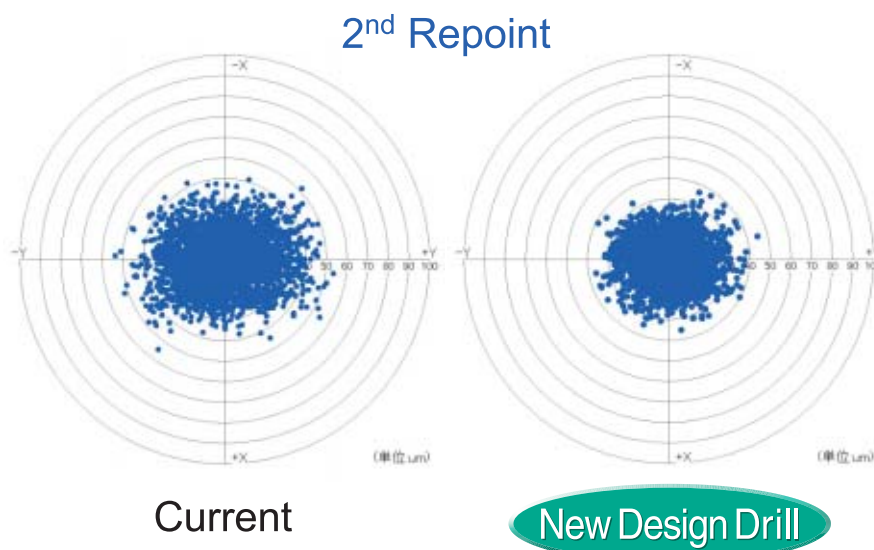
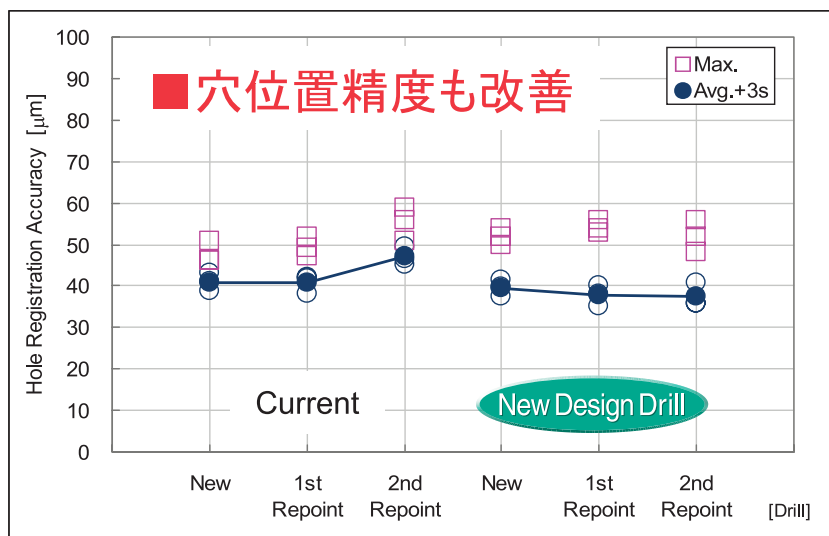
用途 車載機器用基材、民生機器用基材 等 Automotive PWB、Consumer Equipment PWB etc...

## 加工条件 [Drilling Condition]

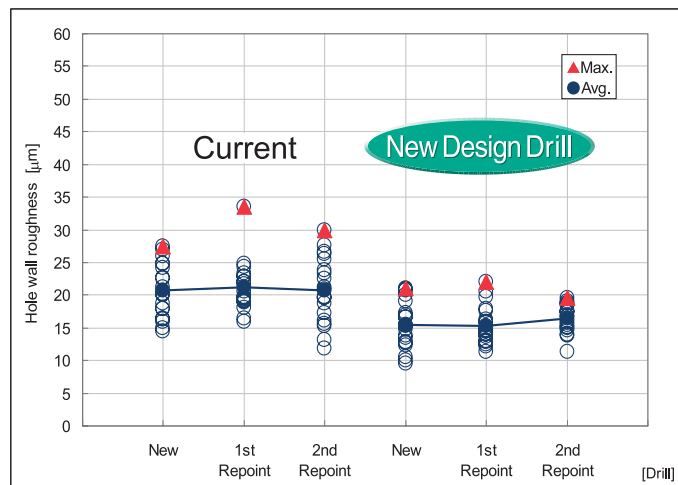
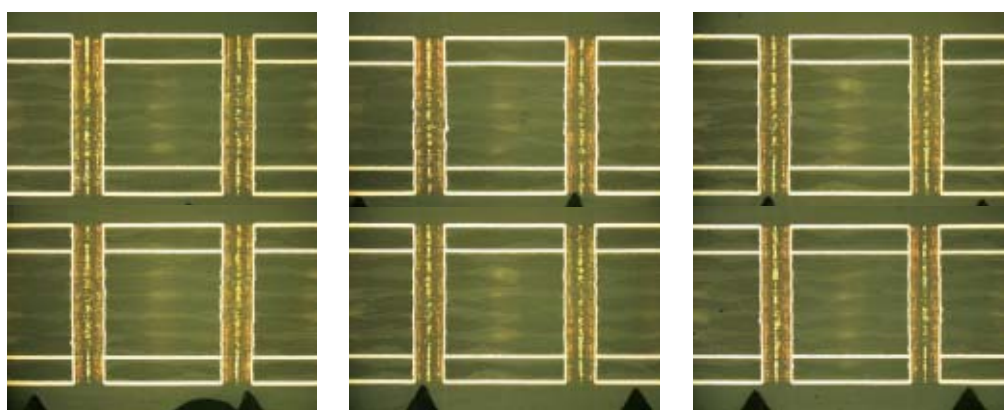
Work Material : FR-4 R1766 t1.6(4 Layers) x 2 stacks  
 S : 120,000 min<sup>-1</sup> F : 2.4 m/min f : 20μm/rev  
 Set Life : 3,000 hits x Repoint 2 times = Total 9,000 hits



## 穴位置精度 [Hole Registration Accuracy]



## 内壁粗さ [Hole Wall Quality at 3,000 hits]



Current Max < 35 μm

- 内壁粗さを大幅に改善!
- 内壁粗さのバラツキ低減

New Design Drill  
 Max < 25 μm

