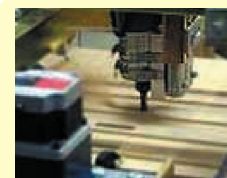
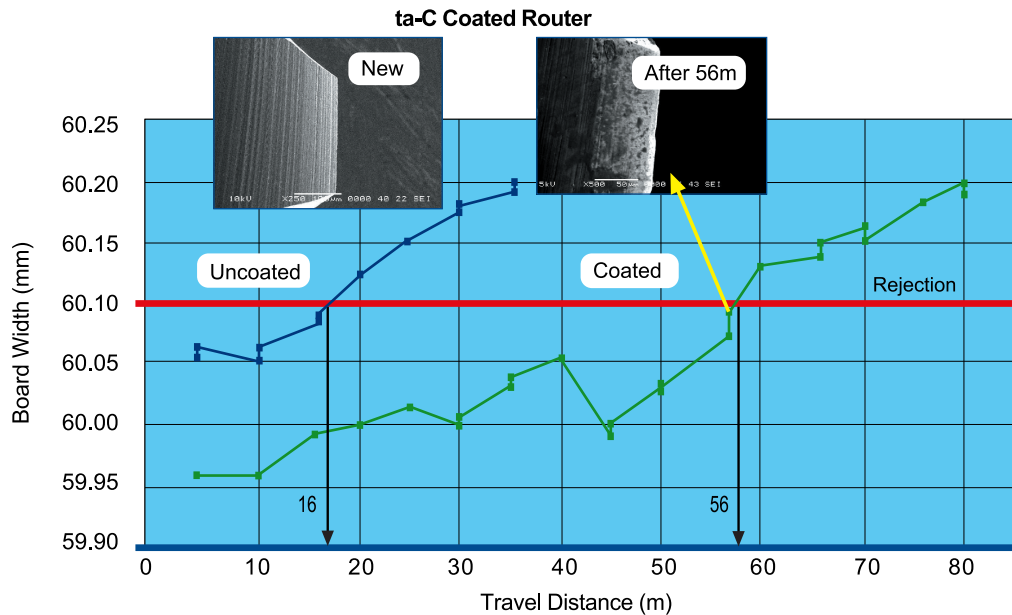


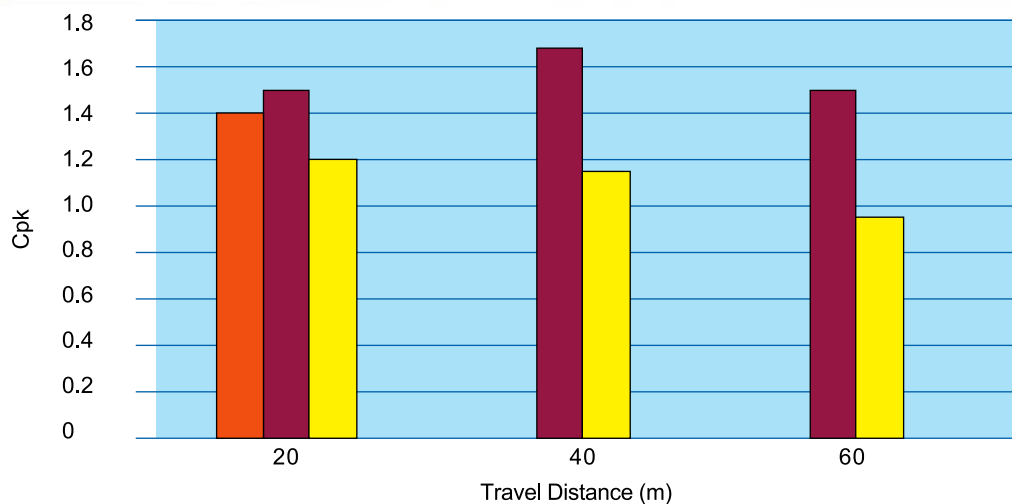
ta-C Coating Found To Prolong Lifespan of PCB Routers Significantly



Testing Conditions:

Workpiece : FR4 board with thickness of 0.6mm, 2 layers per stacks
 Spindle Speed : 35 Krpm
 Feeding Rate : 0.7m/mins
 Board Width : 60±0.1

- After **16m** routing with **uncoated router**, the PCB board is out of specification.
- After **56m** routing with **ta-C coated router**, the PCB board is out of specification.



■ Uncoated
■ ta-C Coating
■ Other Coating

Testing Conditions:

Spindle Speed : 25 krpm
 Table Feed Rate : 22 mm/s
 Tolerance : +/-130 um
 Travel Distance : 0 to 60m

- **ta-C coated routers** have **higher Cpk** compare with uncoated and other coated routers.
- The **board dimension** cut by **ta-C coated routers** is more **consistent**.



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