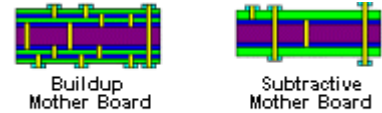
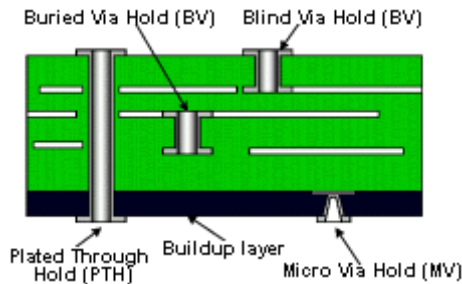


Precision Engineering

PCB Drill



Source: EIAJ roadmap

Mechanical drill bits is used to create through hole and buried via hole

Drilling is implemented in different PCB technologies

- Diameter of plated through hole is getting smaller
- The number of through holes is getting higher per square meter
- Manufacturer continuously looking for cost reduction

Tool

Base material

WC, HSS and Fired Ceramic parts

Specification

System: Batch Coating System - CS2121

Cycle time: 2 hours

Advantage

To prolong the lifespan

To improve the performance and quality of coated part

Mold

Base material

MiCC (Cr & CrN₂) or ta-C

Specification

System: Large Batch Coating System

Cycle time: 3hours

Advantage

- Compatible with H-Cr handling and processing conditions
- Significantly reduce sticking issue with the green epoxy molding compounds
- Significantly prolong the interval of the maintenance cycle