

Category	Capability	Details
Drilling Size	0.2--6.5mm	For vias larger than 6.5mm, multiple drilling or milling is recommended
PTH Deviation	±3mil	
NPTH Deviation	±2mil	
Hole Position Deviation	±3mil	
Hole Wall Roughness (Max)	1.5mil	
Min Slot Width	0.6mm	For HASL, the min. finished slot width is 0.45mm, for other surface finish, it is 0.5mm.
Board Thickness/Via Diameter	≤6: 1	7:1 ≤ values ≤ 8:1, add one more day for fabrication
PTH Deviation (Width)	±4mil	
PTH Deviation (Length)	±5mil	
NPTH Deviation (Width)	±3mil	
NPTH Deviation (Length)	±4mil	
Hole Wall Copper Thickness (Thinnest)	≥0.71 mil	
Hole Wall Copper Thickness (Average)	≥0.8mil	
Via Space (Same Net)	≥8mil	
Via Space (Different Net)	≥17mil	
Min Space for Component Vias in Different Net	≥24mil	
Max. PTH (Round Hole)	8mm	
Max. PTH (Round Slot Holes)	6*10mm	
Annular Ring	≥0.153mm (6mil)	It doesn't limit the size of the single side of the annular ring if there is enough space. Or annular ring surrounded by traces should be equal to or larger than 6mil.
Finished Hole Diameter (CNC)	0.2--6.5mm	Due to the copper attached to the inner wall of the hole, the diameter of the finished hole is generally smaller than designed.
Hole Size Tolerance (CNC)	±0.075mm	E.g. For the 0.6mm hole, the finished hole size between 0.525mm to 0.675mm is acceptable.