

Drills can generally be categorized as :

- Mountingholes (for fixing of PCB)
- Via (produce electrical contact between component and solderside or different layers of PCB)
- Component hole (Fixing of components).

Our smallest Drillediameter in PCB-Pool® is 0,2mm (8mil), the largest Drillediameter 6,0mm.

All Drillediameters > 6,0mm (248mil) count as routcontour!

Pips (Used to hold PCBs in a panel) Can be generated with a diameter < 1 mm (40mil)

Important: Non plated holes have to be exposed 0,5mm from the copper (Copperplanes or Tracks)

Tolerances

Diameter/mm	Diameter/mil	Tolerance/mm	Tolerance/mil	Pth/Npth
0,2mm - 0,6mm	8mil - 24mil	± 0,10mm	4mil	Plated
0,6mm - 2,0mm	24mil - 79mil	± 0,10mm	4mil	Plated
2,0mm - 6,0mm	79mil - 236mil	± 0,15mm	6mil	Plated
> 6,0mm	> 236mil	± 0,20mm	8mil	Plated
0,6mm -6,3mm	8mil - 248mil	± 0,10mm	4mil	NonPlated
> 6,3mm	> 248mil	± 0,20mm	8mil	NonPlated