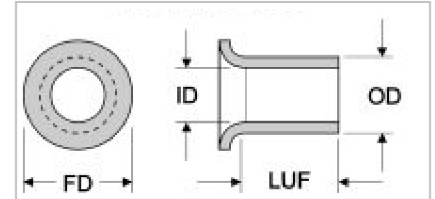


Eyelets

Instruction: INS1064

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Eyelets are used to repair plated holes in circuit boards, and also to create a conductive path through circuit boards for various applications. All eyelets are manufactured from copper or brass, and have a bright tin plating.



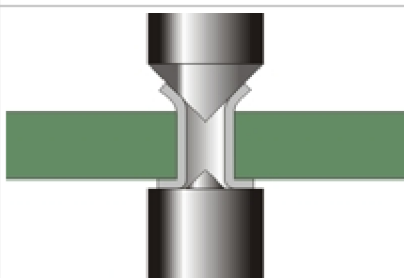
See guides covering a variety of plated hole repair and rework procedures at www.circuitrework.com/guides/guides.html.

See the full list of available eyelets at www.circuitmedic.com/parts/eyelets.html.

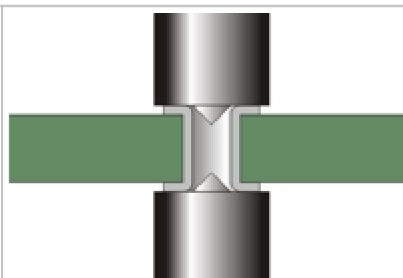
Eyelet Selection Criteria

ID - Inside Diameter	.003" - .020" greater than the component lead diameter.
OD - Outside Diameter	The clearance hole in the circuit board should be .001" - .005" greater than the outside diameter.
LUF - Length Under Flange	The length of the flange should be .020" - .035" greater than the thickness of the circuit board.
FD - Flange Diameter	The flange diameter should be small enough to prevent interference with adjacent pads or circuits.

Eyelet Forming Process



First, apply firm even pressure using the flare end of the setting tool to flare the eyelet barrel.



Next, apply firm even pressure using the opposite flat end of the setting tool to flatten the eyelet barrel.

To set eyelets by hand use the following:
 (2) 115-3120 Setting Tool, Hand
 (1) 115-3122 Tool Base
 (1) 115-3139 Tool Grip

* To set eyelets using #110-5202 Eyelet Press use the following tooling:
 (2) 115-3123 Setting Tool, Small or
 (2) 115-3126 Setting Tool, Large