Enamel Design Guide

Soft Enamel

0.2mm Metal Line

0.3+mm Enamel space*

2mm Hole*





22mm Hard Enamel 8mm hole



20mm Soft Enamel 8mm hole



14mm Soft/Hard Enamel 5.5mm hole



12mm Soft Enamel 3mm hole

When to 'cut out'

Cut out is where a clear hole is made or that the hole inside a badge is larger than the opening gap around the edge, see examples below



No cut out



Center cut out



Center cut out



No cut out

Clutch Position

The base of a pin needs 4mm space to fix to the reverse of the badge. The standard clutch diameter is approx 10mm.



12mm badge with 3mm hole leaves just enough space for clutch pin



22mm badge has space for double clutch if requested

^{*}This is the smallest and in some designs we advise leaving more space than this, each design is different.