

The Effect of Interior and Exterior Radii on the Nature of Gold Electroplating of Hohlräum Mandrels[□]

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Many hohlraum designs have interior radii and all have exterior radii. By definition, an interior radius is one where the radius center lies outside of the hohlraum and an exterior radius is one where the radius center lies inside of the hohlraum.

Because of the effect of the radii on the electric field around the hohlraum, gold thicknesses vary depending on the nature of the radius and the size of the radius. This effect is quantitatively described in this paper.

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