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## REQUIREMENTS FOR ENCASING *Irises Unlimited* IRIS BUTTON ASSEMBLIES INTO A FINISHED PROSTHESIS

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*Irises Unlimited* curved iris button assemblies are furnished with a nominal, usable iris diameter of 12.5 millimeters, which can produce up to 13.5 millimeter iris diameter after the final clear coating is molded over a finished prosthetic eye. The posterior radius of curvature is nominally 19 millimeters. They come with 2.5 millimeter tapered front stems to fit Baldor Lathe / Wells quick chucks. The base of the stems have a 0.5 millimeter chamfer to substantially strengthen the stem from breakage during all stages of processing.

For best color matching of iris buttons to the patient's natural eye, make sure to not let light enter from the backside of the encapsulated image by covering the backside with your finger, or other similar method.

1. The entire surface and outer circular edge of the iris button assembly must be 100% covered by finished sclera on posterior (concave) surface as well as finished clear acrylic over the anterior (convex) surface. Any polishing or adjustment nicks, voids, or porosities in contact with the iris button assembly must be corrected and reprocessed with appropriate, sound acrylic.
2. The iris button must be treated just like any other completed ASO iris assembly that is ready for final preparation and sizing prior to packing and molding into sclera.

The outer edge circumference can be turned down (shaved) with a sharp, pointed scalpel blade, or the equivalent. Care must be taken to shave-off any media/plastic "fray" from the back outer circumference of the iris button as a final preparation step after sizing the diameter of the outer edge.

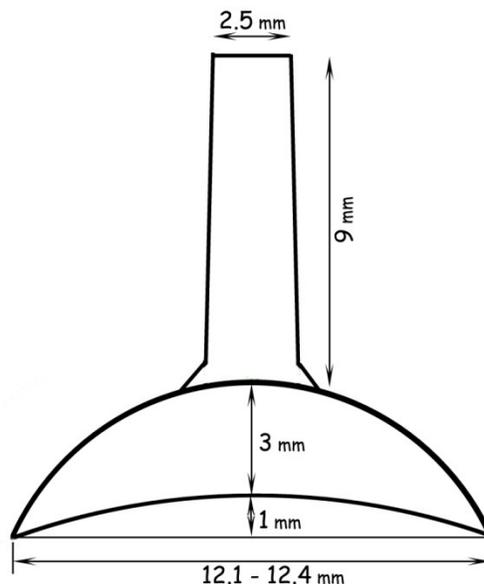
The front thickness of clear can be reduced no more than 2.5 millimeters from its delivered 3 millimeter thickness, for a total clear thickness of 0.5 millimeters.

3. Do not attempt to further core-out or re-radius the back of the iris button -- the traditional "black backing button" is already fully removed when it comes out of our process. If the digital iris becomes exposed or nicked on either the front or back it can be immediately re-sealed by completely encapsulating the digital iris with monopoly and curing it under temperature and pressure, but it does void our warranty. The success of repairing such exposure depends on the skill of the ocularist and such repair becomes his or her responsibility.

4. Prior to insertion in a prosthesis, you must check the digital iris button for any flaws or defects. If a flaw or imperfection is found in any Irises Unlimited button, please call us within 90 days of purchase and we will replace the iris.

We can supply iris buttons with larger usable diameters up to 14 millimeters, as well as smaller posterior radius of curvature (10 millimeters) iris buttons for all iris colors, including composite irises to your specifications, by special order.

5. Note the image number and lot number of the iris button in the patients chart.



Nominal dimensions of **Irises Unlimited** Digital Iris Buttons

I have read and understand the requirements of using an Irises Unlimited Iris Button. I understand that the integrity of the finished prosthesis is my responsibility.

Name \_\_\_\_\_

Date \_\_\_\_\_

Signature \_\_\_\_\_