

AIRLOCK®

DUAL COMPRESSION  
MOUNT SYSTEM  
INSTRUCTIONS



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CONTENTS  
OF MOUNTING KIT  
(Material #24790)

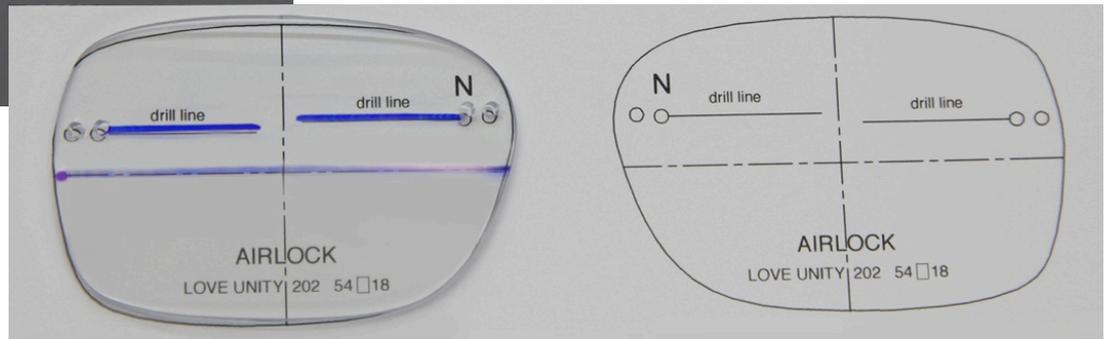
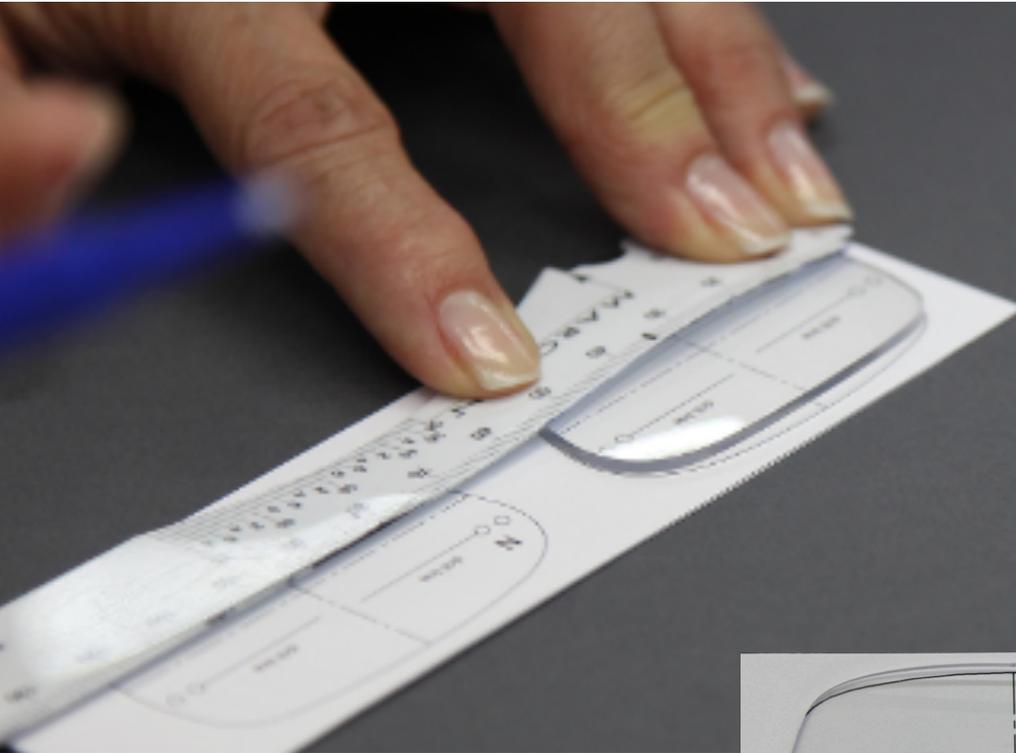


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## MARKING and DRILLING

Edge the prescription lenses  
accurately to size.

Lay the lens on the drill chart  
template and mark the 180 degree  
line to maintain the axis.



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## MARKING and DRILLING



After marking the 180 degree line, Mark the drill lines on the lens which will accurately line up the position of the drill holes.

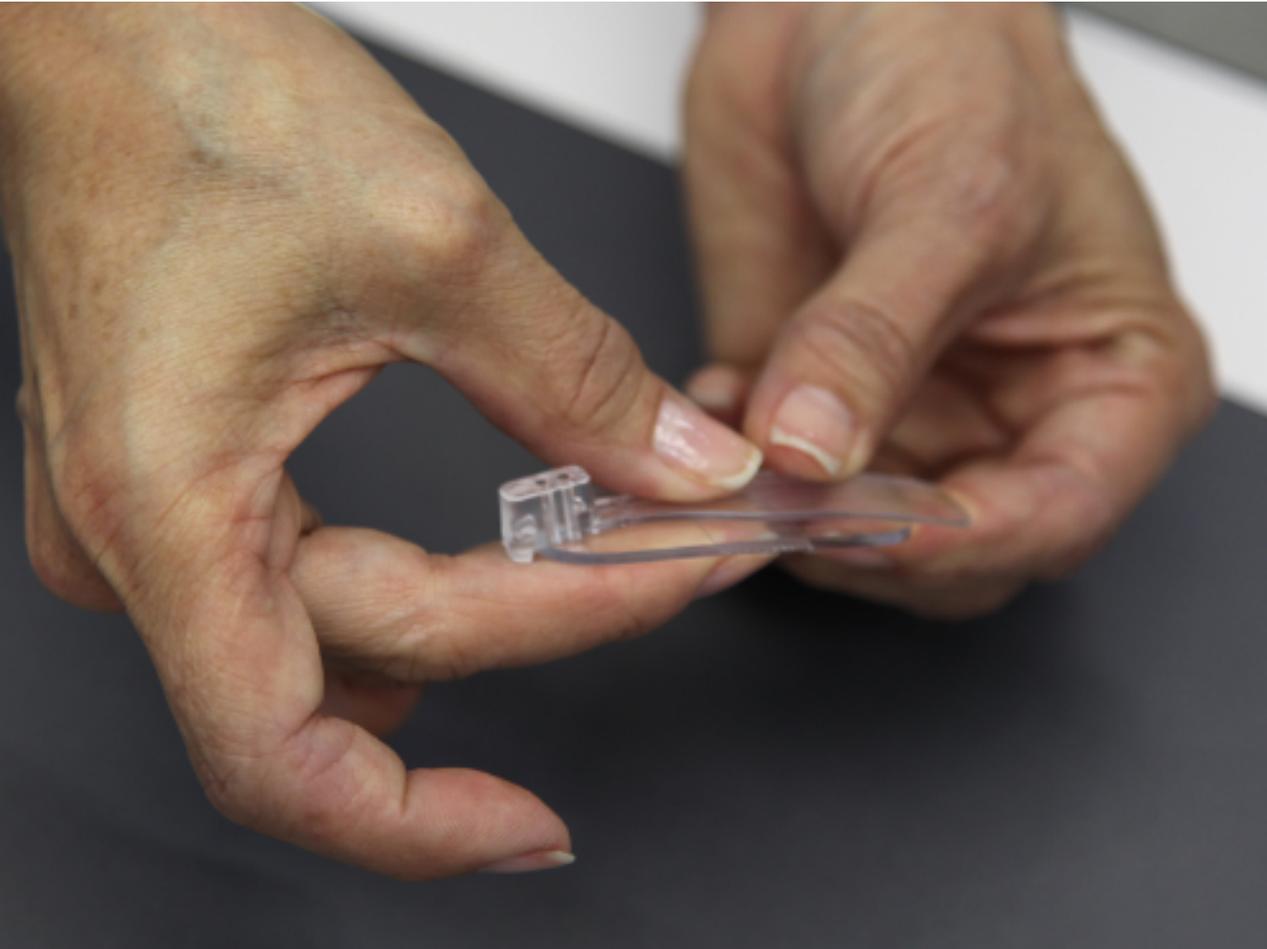
Apply double sided tape directly on the lens, vertically. This is used to secure the drill guide onto the lens while drilling.

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## MARKING and DRILLING

Press the drill guide firmly onto the lens, making sure that the drill hole position marked on the lens is lined up with the drill hole position on the drill guide. Hold the drill guide against the edge of the lens.

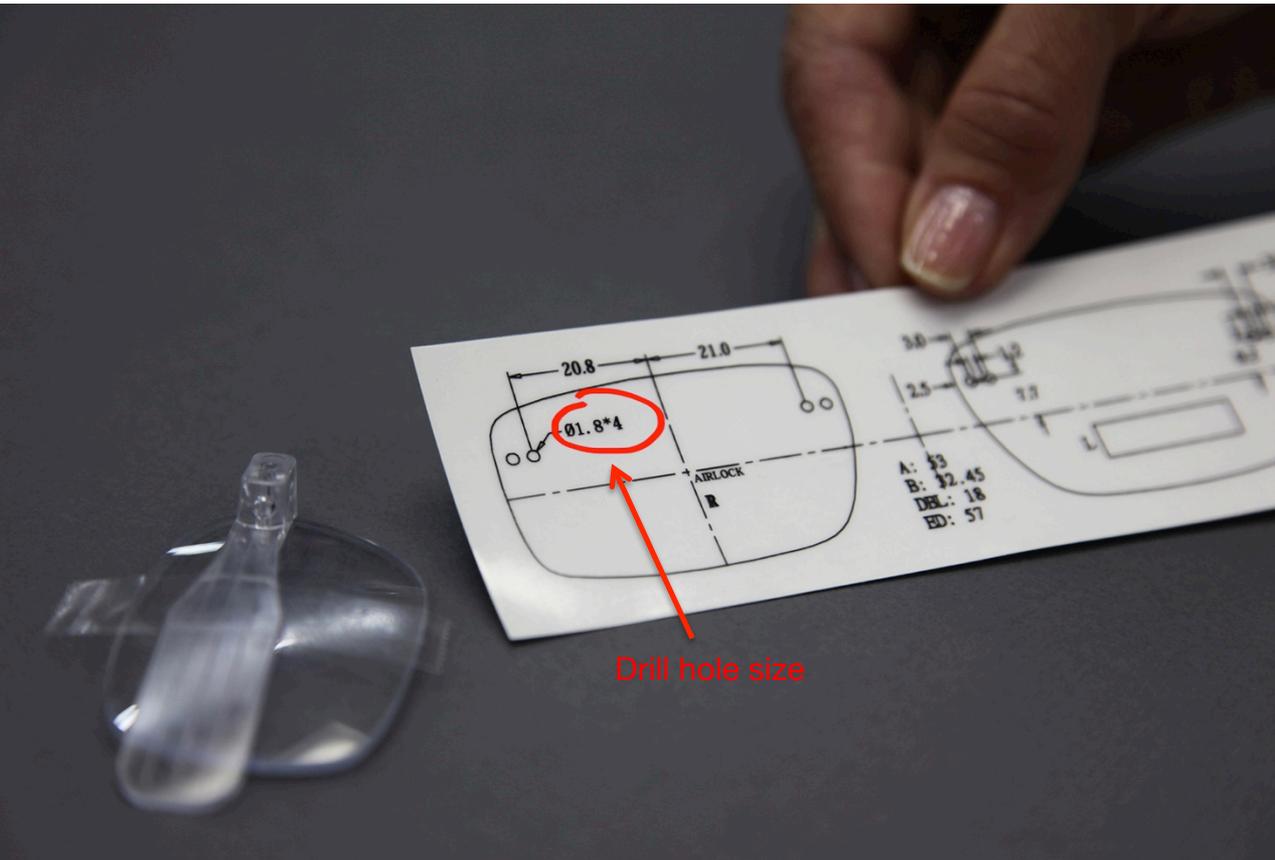


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## MARKING and DRILLING

Note that there are two different drill guide sizes, **1.7mm and 1.8mm.** Ensure you are using the correct drill guide size. Please check the drill hole size on the drill chart.



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## MARKING and DRILLING

Using the proper sized bit,  
drill the bushing holes using a  
slow in and out motion.

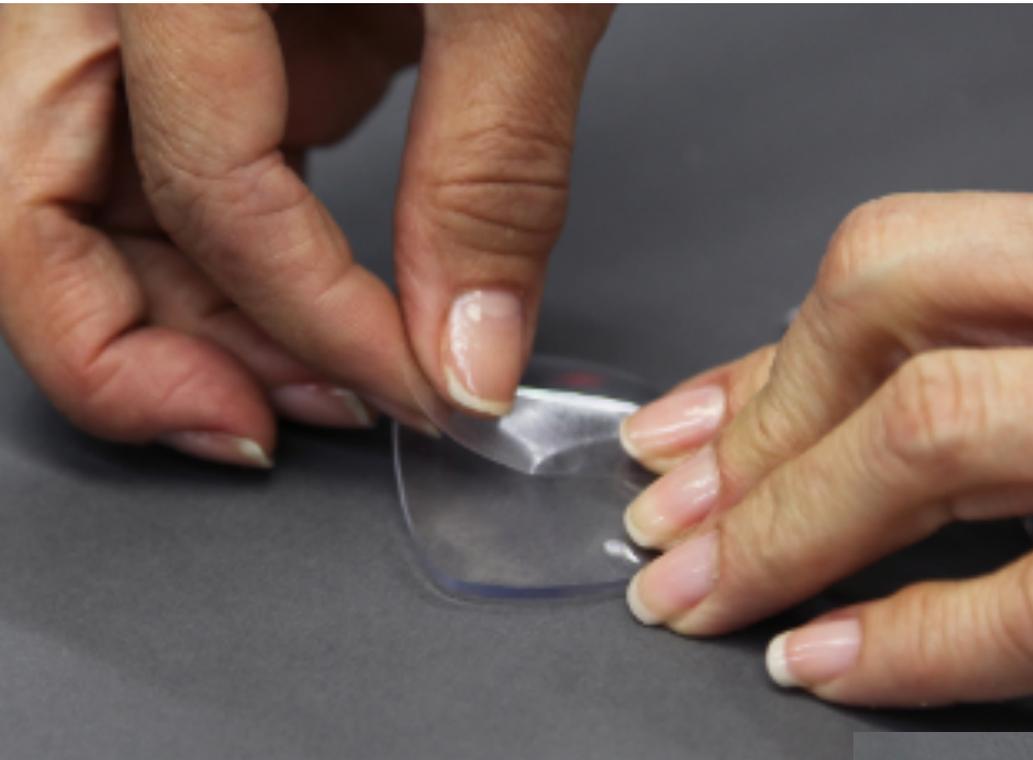


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## MARKING and DRILLING

Remove the double stick tape and apply a fresh piece. Position the drill guide to the opposite side of the lens and repeat the drilling process.

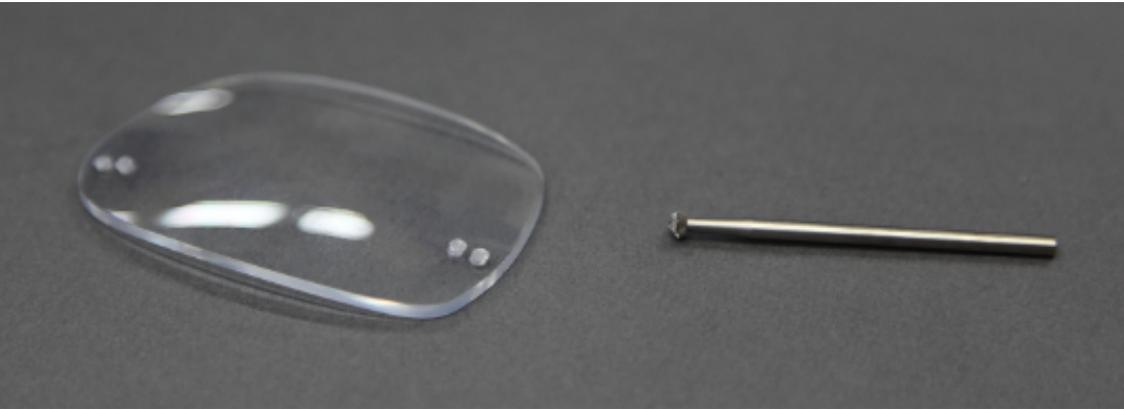


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## CHAMFERING

After drilling the holes,  
it's recommended to use  
the Airlock Chamfering tool



Smooth the edges of the  
drill holes to prevent  
chipping or peeling of  
any lens coatings.

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## MOUNTING

Apply scotch tape to the front of the lens, covering both drill holes. This ensures that the front surface is protected while cutting the twin tube bushing to size.



Using the bushing insertion pin, pierce the tape covering the holes to allow the bushing to be inserted.

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## MOUNTING

Insert the twin tube bushing through the back of the lens. Firmly hold the back of the bushing into the drill holes and trim the bushing with the Airlock cutters. The cut edge of the bushing should be flush to the front surface of the lens.



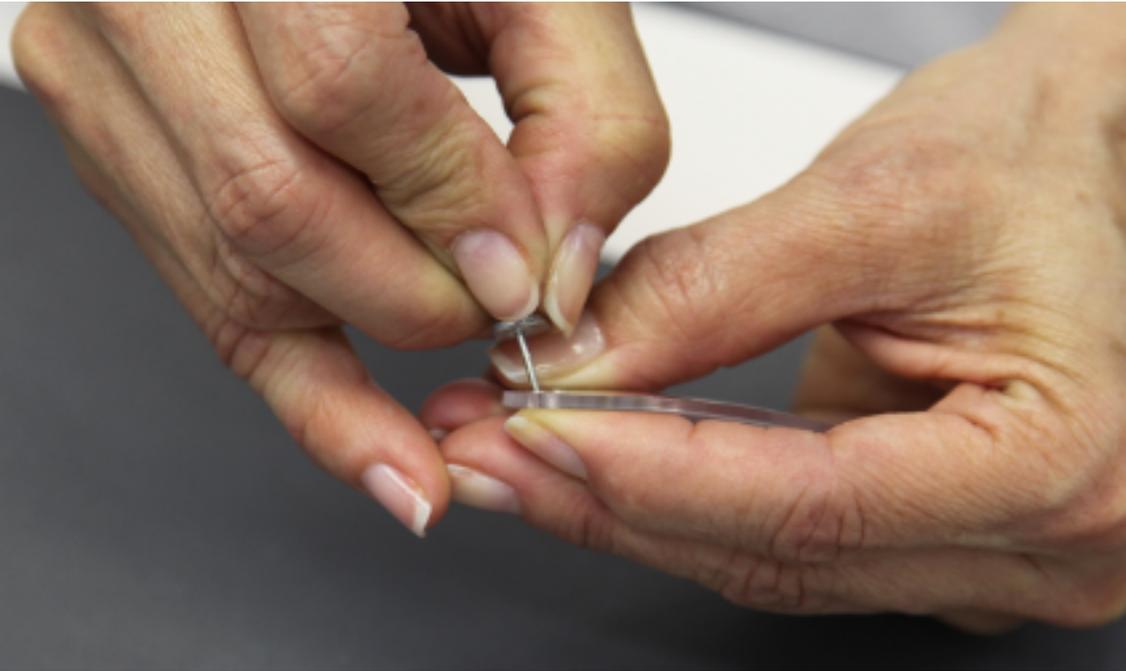
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## MOUNTING

After trimming the bushing, remove the tape from the lens.

Sometimes, the end of the bushing may be deformed from trimming. If necessary, use the insertion pin to open the bushing tubes for proper insertion of the tapers.



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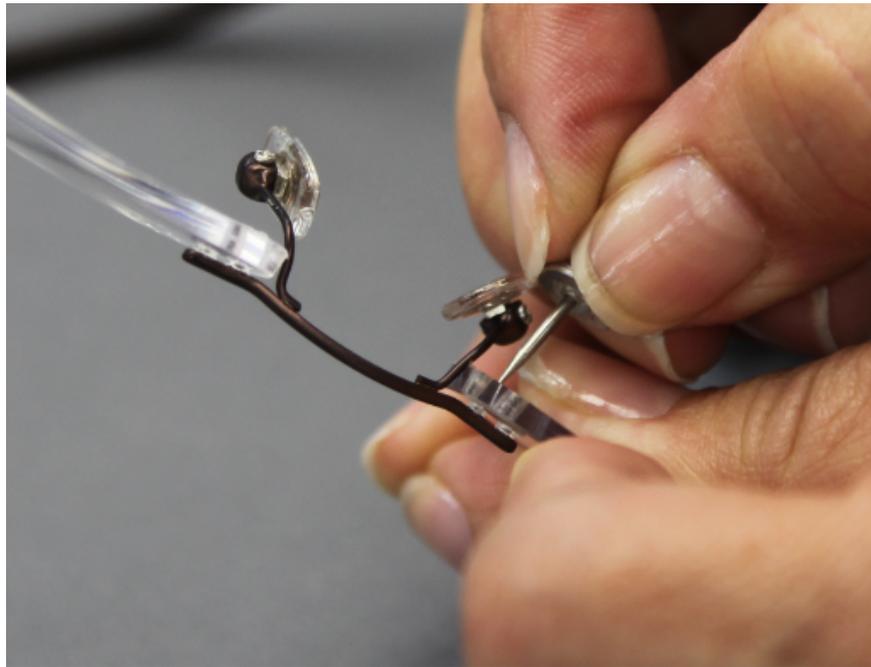
## MOUNTING

Firmly hold the back of the bushing in the drill holes on the backside of the lens and insert the tapers into the center of the bushing holes on the front.



Using the Airlock pliers, press the tapers into the bushing and make certain that they are secure.

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## DISASSEMBLING

To disassemble a frame, cut the head of the bushing using the Airlock cutting tool. Using the bushing insertion pin, gently push the tapers out of the bushing holes. Carefully, remove the excess bushing material from the frame tapers to use the frame for lens mounting.

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