

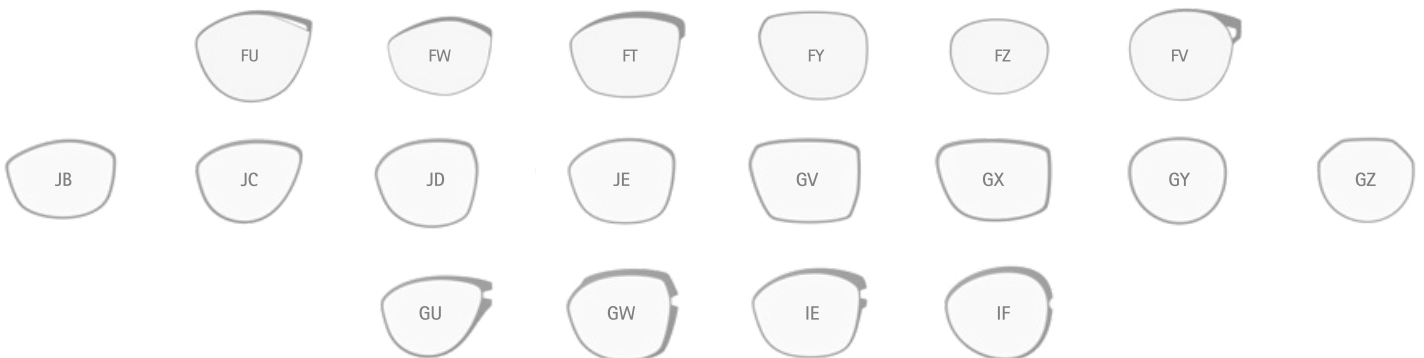
Silhouette®

ICONIC EYEWEAR MADE IN AUSTRIA. SINCE 1964.

SILHOUETTE ACCENT RINGS TECHNICAL INSTRUCTIONS



ACCENT RINGS MOD. 5097

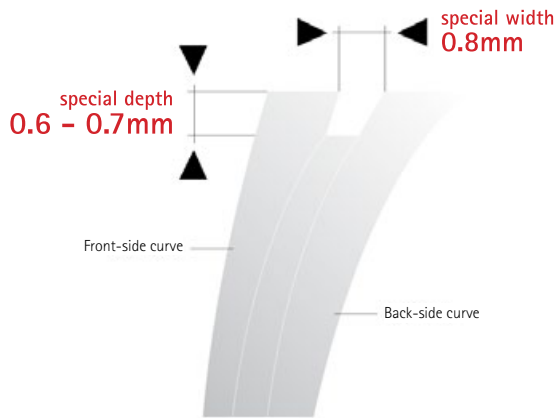




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Silhouette International is proud to introduce the latest revolutionary design, Accent Rings. This innovative concept combines a drilled rimless lens with a groove on the edge that holds a decorative ring around the lens – a hybrid of rimless and full-rim.

We would like to call special attention to this new collection as it requires drilling, plus the extra step of grooving the lens. The groove requires a **special width** and **depth** to accommodate the decorative Accent Ring, as detailed below. The Accent Ring is made of SPX® – The same Silhouette polymer that all Silhouette plastic frames are made of and labs are familiar with.



On high minus lenses, it is recommended to use a groove position that is just behind the front surface of the lens to maintain the visibility of the Accent Ring.

Thinner lenses will benefit from a 50/50 groove position.

If you desire a pattern set, please contact Silhouette Customer service at 800-223-0180.

Drill charts to use with the patterns can be accessed at portal.silhouette.com. If your lab utilizes OMA shape files, those are also available on portal.silhouette.com. A technical video is also available on this site. Alternatively, drill charts and OMA files can be accessed at www.silhouettelab.com.

To achieve the highest degree of accuracy, we do recommend using OMA shape files for Accent Rings as the OMA file also includes groove width and depth data to automate the grooving process.

Thank you for your continued support.

For additional technical information please visit portal.silhouette.com

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SILHOUETTE ACCENT RINGS OVERVIEW

- Silhouette Accent Rings combine drilled rimless and a groove edge to hold the Accent Ring
- Two sizes per lens shape
- Sizing cannot be changed from standard as Accent Ring will not fit properly

ACCENT RINGS SHAPES | EACH AVAILABLE IN 2 SIZES (MOD. 5097)
GROOVE WIDTH 0.8MM AND DEPTH 0.6MM



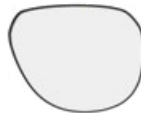
FU
52/00, 54/00



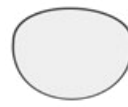
FW
53/00, 55/00



FT
54/00, 56/00



FY
53/00, 55/00



FZ
50/00, 52/00



FV
50/00, 52/00

ACCENT RINGS SHAPES | EACH AVAILABLE IN 2 SIZES (MOD. 5097)
GROOVE WIDTH 0.8MM AND DEPTH 0.7MM



JB
52/00, 54/00



JC
52/00, 54/00



JD
52/00, 54/00



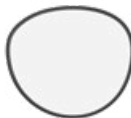
JE
53/00, 55/00



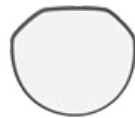
GV
52/00, 54/00



GX
52/00, 54/00



GY
49/00, 51/00



GZ
48/00, 50/00



GU
52/00, 54/00



GW
52/00, 54/00



IE
53/00, 55/00



IF
53/00, 55/00

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SILHOUETTE ACCENT RINGS NEED TO KNOW ITEMS BY LAB DEPARTMENT

CUSTOMER SERVICE:

- If they see the shapes referenced on the previous page, they will need to know that they require drilling and grooving and conveying this to the ECP if it is a phone order
- Should be asking the ECP to include all parts if lab is doing a complete job

DATA ENTRY:

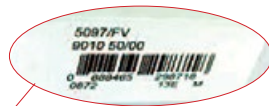
- If they see the shapes referenced on the previous page, they will need to know that the job requires drilling and grooving. LMS may require a special note
- Will need to choose proper options to ensure that drilling and grooving is completed
- Will need to know that the shapes require a groove width of 0.8 mm wide and 0.6 mm or 0.7 mm deep depending on the shape and require a special note
- Groove position should be set to follow the front curve of the lens just behind the front surface on high minus lenses

FRAME MANAGER / FRAME RECEIVING:

- Will need to recognize that the chassis and Accent Rings for the same job may come in separate boxes from ECP
- If an Accent Rings job is drop shipped from Silhouette., the rings will be in a separate box from the frame with the customer name on the packing slip (fig. A)



Fig. A



- Additionally, the chassis and rings will be separate line items on the invoice (fig. B)

EDGING:

- The shapes for Accent rings will have to go to edgers that can drill and groove in same cycle. (unless drilling is done separately)
- The edging staff will have to know of special groove width and depth if that data does not transfer to machine by LMS

DRILL STATION / ASSEMBLY:

- Will need to know what to look for on Accent Rings jobs and verify lens edge was grooved before deblocking

FINAL INSPECTION:

- Will need to know what to look for to identify the job as a Silhouette Accent Rings job or a regular Silhouette drilled rimless.

LAB MANAGER:

- What will the lab charge for drilling and grooving on one lens
- OMA data files are available and include the groove width and depth data to automate the grooving process on those edgers and LMS systems that can manage OMA data

1	0-5518/70 7010 17/45 Jill Uranium, #25492217	Bob	Chassis	5/31/2018	Fig. B
1	0-5518/70 7010 17/45 Jazz Thomas, #2319542	Bob		5/31/2018	
1	0-5519/70 7110 19/45 Jessie Apple, #2909041	Bob		5/31/2018	
1	0-5518/70 7110 19/45 Kitty McGraves, #2459091	Bob		5/31/2018	
1	0-5518/70 7110 19/45 Chris Poppler, #2559068	Bob		5/31/2018	
1	0-5518/70 7200 19/40 Susie Chang, #2659163	Bob		5/31/2018	
1	0-5518/70 7530 17/45 Keri Raines, #2889138	Bob		5/31/2018	
1	0-5518/70 7530 17/45 Victor Garcia, #2459111	Bob		5/31/2018	
1	0-5518/70 7530 19/45 Wendy Shy, #2549124	Bob		5/31/2018	
1	0-5097/FU 3510 52/00 Jill Uranium, #25492217	Bob	Accent Ring	5/31/2018	
1	0-5097/FU 1010 54/00 Kitty McGraves, #2459091	Bob		5/31/2018	

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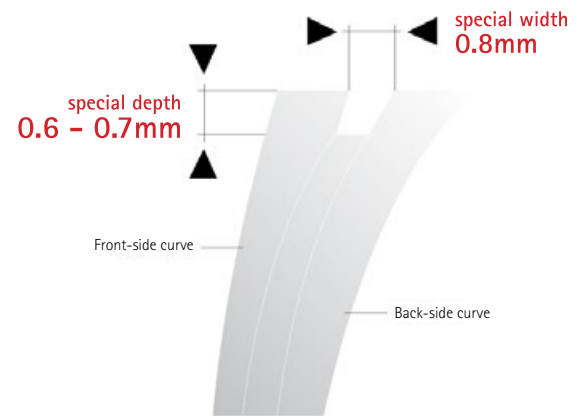
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SILHOUETTE ACCENT RINGS TECHNICAL INSTRUCTIONS

- Silhouette Accent Rings brings a fresh look to Silhouette rimless by surrounding the lens with a color Accent Ring made of SPX® – the ring is held in place by a groove on the lens edge
- Edge groove is achieved using "groove" setting on edger in combination with drilling coordinates
- Some modern edgers are not able to drill and groove lenses in the same production cycle – please consult your edger owner's manual for more information or contact Silhouette for a list of compatible edgers
- Groove width of 0.8 mm and depth of 0.6 or 0.7 mm (depending on the shape) must be used to ensure proper retention of the Accent Ring – please consult the owner's manual of your edger for instructions on changing groove width and depth ***NOTE** – this is not the typical "standard" groove depth and width
- Standard lens grooving wheel width is 0.55 mm, which will not create proper groove width – lens groovers that are separate from an edger will need to be fitted with 0.8 mm wide groove wheel
- Lens shape should be established using an OMA shape file or pattern – lenses that are too large must be resized to allow proper fit of the Accent Ring, failure to do so could cause breakage of the of Accent Ring due to increased stress from stretching
- Changes to lens sizing – beyond standard sizing – is not possible as this will cause incorrect fitting of the Accent Ring
- Positioning of drill holes should not be changed as this could cause interference between the frame part and the Accent Ring or will expose notches in Accent Ring normally hidden by temples
- The Accent Ring is made of SPX® and should never be heated
- The Accent Ring is flexible to fit different base curves
- Recommended lens materials are: polycarbonate, Trivex, high-index 1.6 and 1.67
- Recommended base curve is 5.0, although other base curves are possible



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Thinner lenses will benefit from a 50/50 groove position.

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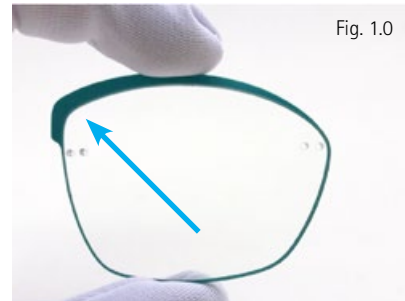
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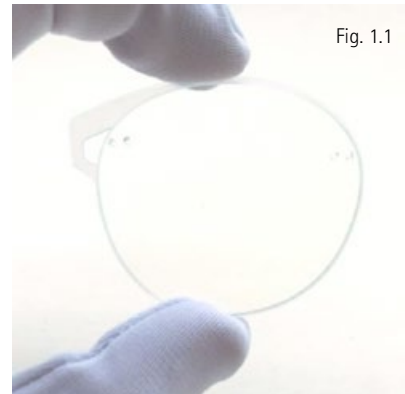
REMOVING ACCENT RING FROM GROOVE:

1. Starting at center top of lens, remove Accent Ring from groove toward the back of the lens
2. Remove balance of the Accent Ring around lens circumference
3. If removing Accent Ring from a thick minus lens, remove toward the front to prevent excessive stretching



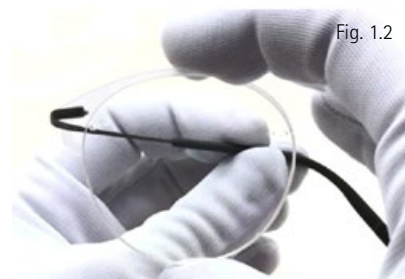
INSERTING ACCENT RING INTO GROOVE (Fig. 1.0):

1. The Accent Ring should be mounted to the lenses before mounting the frame parts
2. Accent Ring should be installed from the front of the Rx lens
3. Align notches on temporal edges of ring in line with temporal drill holes
4. The Accent Ring should be installed in the groove starting at the curve with the smallest radius, shown by blue arrow
5. The Accent Ring can then be placed into the groove around the circumference of the lens
6. The Accent Ring is flexible and will conform to different lens curves



MOUNTING ACCENT RING TO SHAPE FV AND GY (Fig 1.1, 1.2, 1.3):

1. Before mounting Accent Ring to shape FV and GY, place included rubber ring (MH 3) into lens groove – this will ensure that shape FV/GY's Accent Ring will not rotate on the lens ***NOTE** – under no circumstances should lenses be made larger to eliminate rotation of the Accent Ring
2. To mount temple to shape FV, the temple tip must be threaded through the loop of the Accent Ring



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