

**Soft Contact Lens Identification Guide**

**2003**

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Abstract:

In practice, optometrists occasionally see new patients looking to renew their soft contact lens prescriptions. Frequently these patients are happy with their existing lenses and are seeking to order a year's supply of the same brand. However, the patient often is unsure of the type of lenses they are wearing. This creates a problem, as many practitioners have no way of identifying the lens based on its appearance. Most soft contact lens manufacturers use a system of ink or laser markings to identify the brand and parameters of the lens. Unfortunately, this information has not been made available in the literature. The purpose of this project is to create an identification guide based on the unique markings used by the many companies who produce soft contact lenses. Such a guide would enable practitioners to quickly determine the parameters and type of soft contact lens their patient is wearing.

## **Introduction:**

The purpose of the project is to create a clinically useful guide for the identification of an unknown soft contact lens.

## **Methods:**

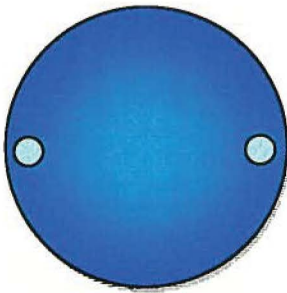
Data was gathered by speaking directly with contact lens fitting consultants. These consultants are employed by each contact lens manufacturer and are available primarily to answer questions and assist practitioners. The purpose of the call was stated: “gathering information for the creation of a comprehensive identification guide”. Questions were asked to determine if the contact lenses used any markings to identify axis, company, or any other lens parameters.

## **Results:**

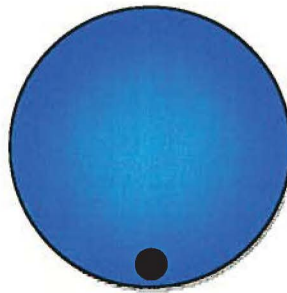
Presented in picture format as follows.

### **Discussion:**

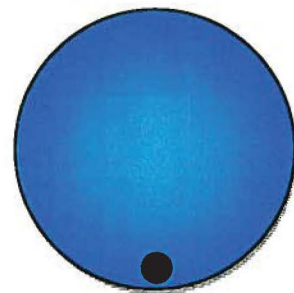
The pictures presented should provide assistance and aid in the identification of some unknown lenses. As the pictures demonstrate, few lenses have markings to identify some specific parameters such as base curve. Another road block to successful identification is that many companies use the same markings. The most common being a single laser line used to identify the base of 6'oclock position of a toric lens. Many companies use this design. Ideally, different lenses would use different markings. However, the dynamic soft contact lens market is constantly changing and any future standardization is unlikely.



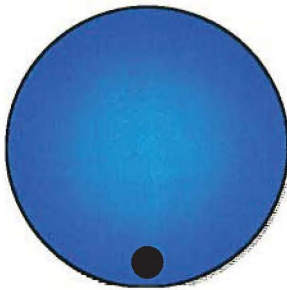
Acuity One: Ultragel  
Toric



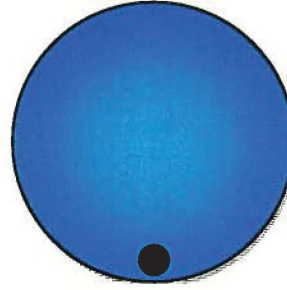
Alden Optical: Alden Classic  
Toric



Alden Optical: Alden  
Classic Toric (Tinted)



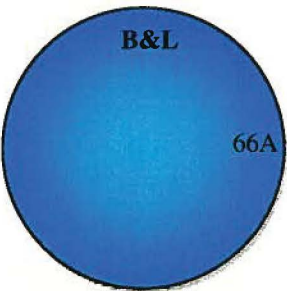
Alden Optical: Alden  
HP Toric



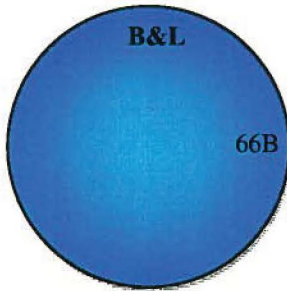
Alden Optical: Alden  
HP Toric (tinted)



Bausch & Lomb:  
Purevision



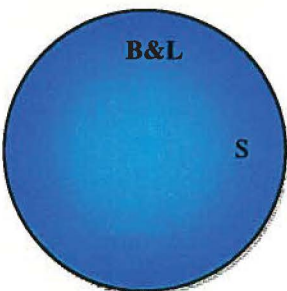
Bausch & Lomb: SOFLENS66  
(Flat/Medium BC)



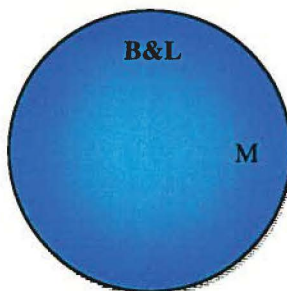
Bausch & Lomb: SOFLENS66  
(Steep/Medium BC)



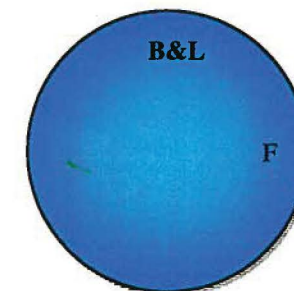
Bausch and Lomb:  
B&L Two Week Lens



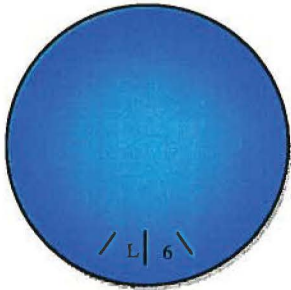
Bausch & Lomb: Optima  
38, Optima SP, and  
Optima FW (8.4 BC)



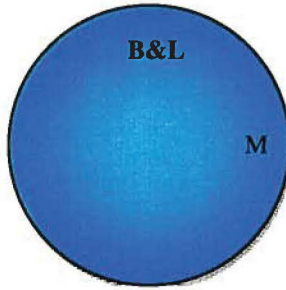
Bausch & Lomb: Optima  
38, Optima SP, and  
Optima FW (8.7 BC)



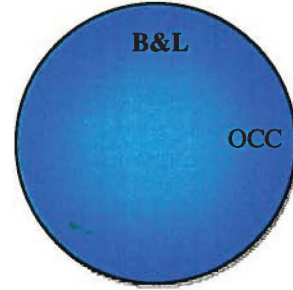
Bausch & Lomb: Optima  
38, Optima SP, and  
Optima FW (9.0 BC)



Bausch and Lomb:  
SOFLENS 66 Toric



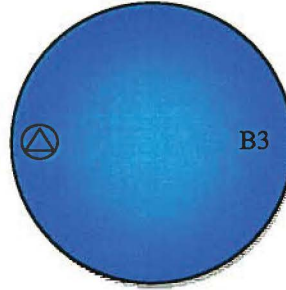
Bausch and Lomb:  
Optima Colors



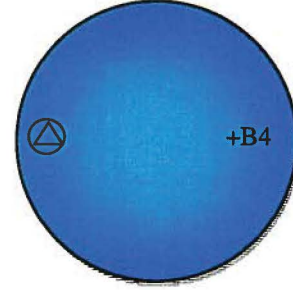
Bausch and Lomb:  
Occasions Multifocal



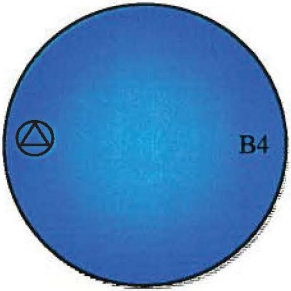
Bausch and Lomb:  
B3 (low plus)



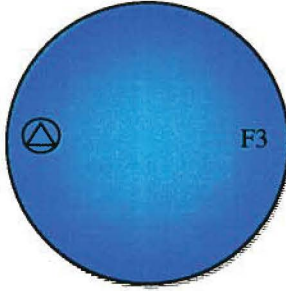
Bausch and Lomb:  
B3 (minus)



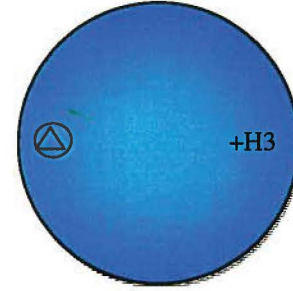
Bausch and Lomb:  
B4 (low plus)



Bausch and Lomb:  
B4 (minus)



Bausch and Lomb:  
F3



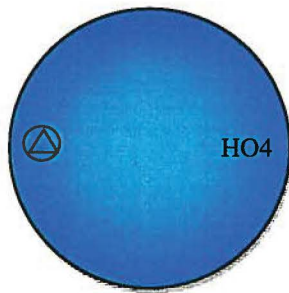
Bausch and Lomb:  
H3



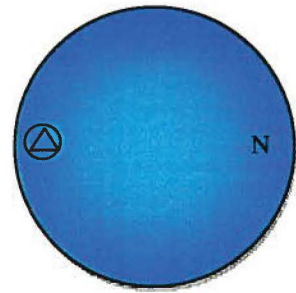
Bausch and Lomb:  
H4



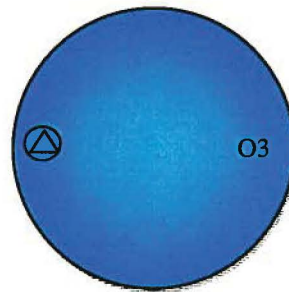
Bausch and Lomb:  
HO3



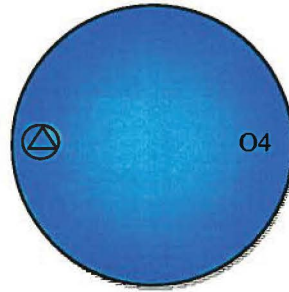
Bausch and Lomb:  
HO4



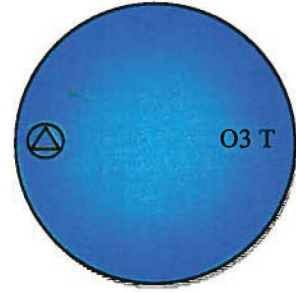
Bausch and Lomb:  
N (high plus)



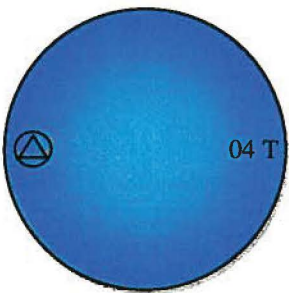
Bausch and Lomb:  
O3 (minus)



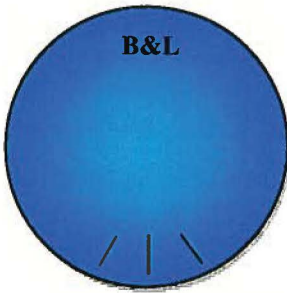
Bausch and Lomb:  
O4 (minus)



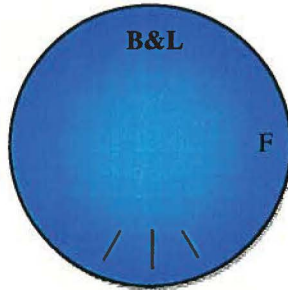
Bausch and Lomb:  
O3 (tint)



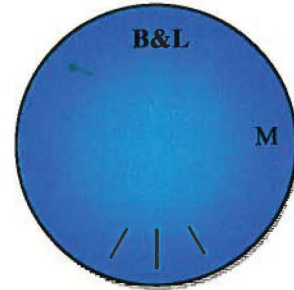
Bausch and Lomb:  
O4 (tint)



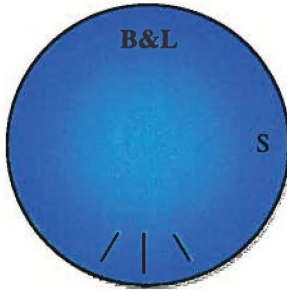
Bausch and Lomb:  
Gold Medalist Toric  
(DW)



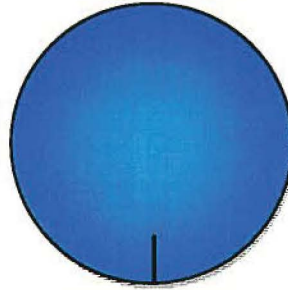
Bausch & Lomb:  
Optima Toric (Flat BC)



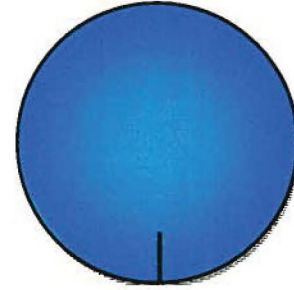
Bausch & Lomb:  
Optima Toric  
(medium BC)



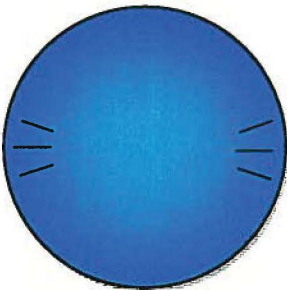
Bausch & Lomb:  
Optima Toric (steep BC)



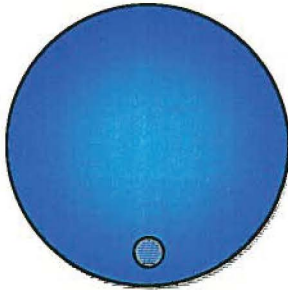
Biocurve Soft Lenses:  
Biocurve Elite Toric



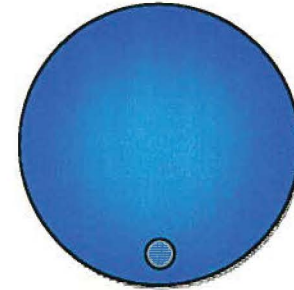
Biocurve Soft Lenses:  
Biocurve Toric



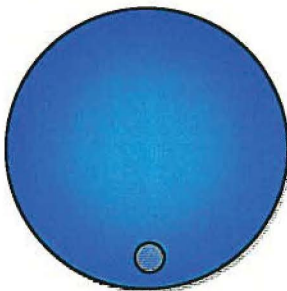
Blanchard Contact Lens Co:  
Essential Soft Toric  
(multifocal)



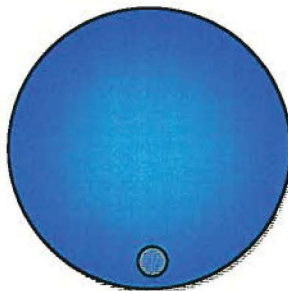
California Optics: CO Soft  
Custom Bifocal Toric



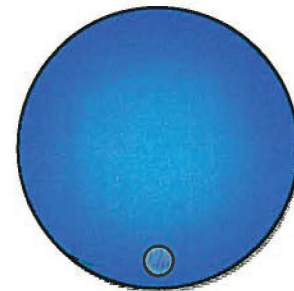
California Optics:  
CO Soft 55 Toric



California Optics:  
CO Soft 38 Toric  
Custom FT

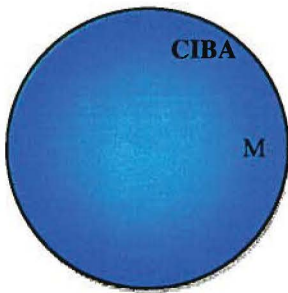


California Optics:  
Custom 55 Toric FT  
(lathed front)

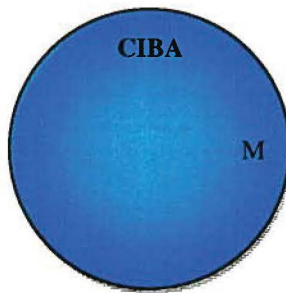


California Optics:  
Custom 55 Toric BT  
(lathed back)

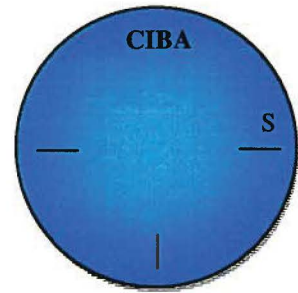




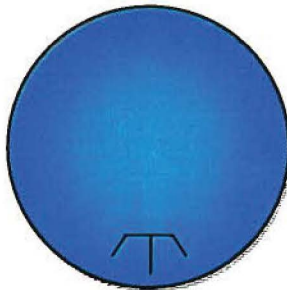
Ciba Vision: Focus Visitint Monthly



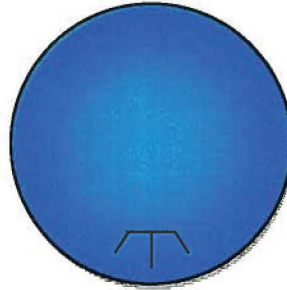
Ciba Vision: Focus Softcolors Monthly (tinted)



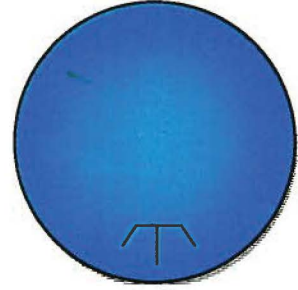
Ciba Vision: Focus Toric Visitint Monthly



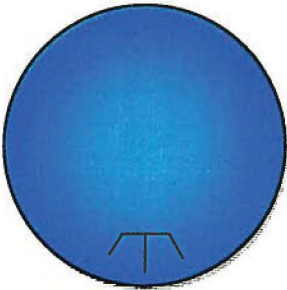
Ciba Vision: DuraSoft 3 Optifit Toric Colorblends (tinted)



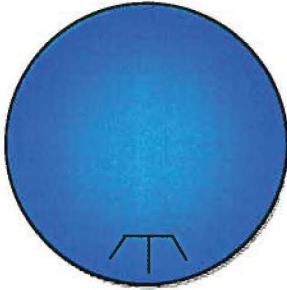
Ciba Vision: DuraSoft 3 Optifit Toric UV



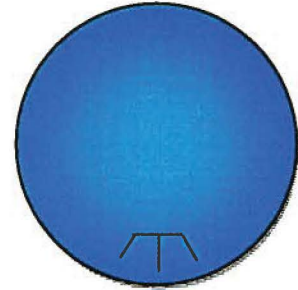
Ciba Vision: DuraSoft 3 Optifit Toric Colors (tinted)



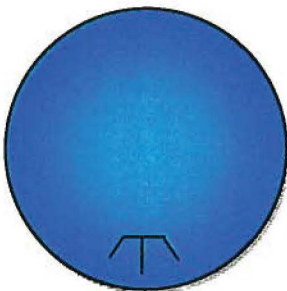
Ciba Vision: DuraSoft 3 Optifit (FW)



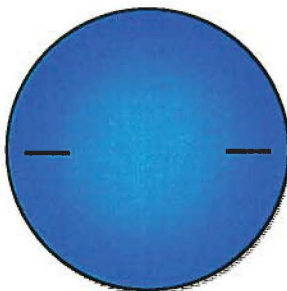
Ciba Vision: DuraSoft 2 Optifit (DW)



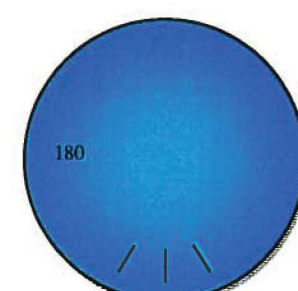
Ciba Vision: DuraSoft 2 Optifit Colors (Tinted)



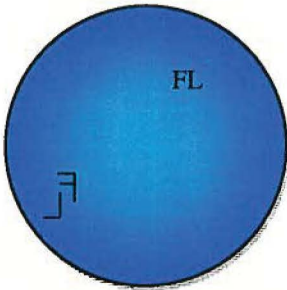
Ciba Vision: CSI Toric (FW)



Ciba Vision: ToriSoft



Ciba Vision: Hydrocurve 3 Toric



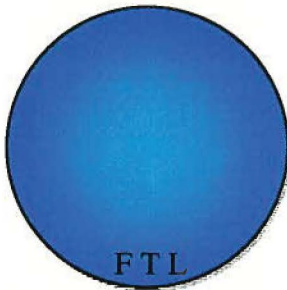
Ciba Vision: Fresh Look Colors, Color Blends, and Color Enhancers (Tinted)



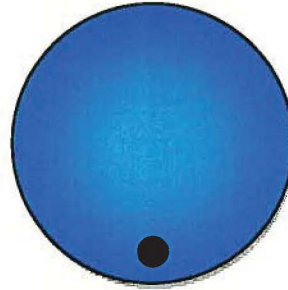
Ciba Vision: Fresh Look Colors, Color Blends, and Color Enhancers (Tinted) [Demo/Trial Lens]



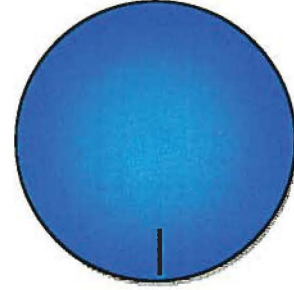
Ciba Vision: Fresh Look Toric



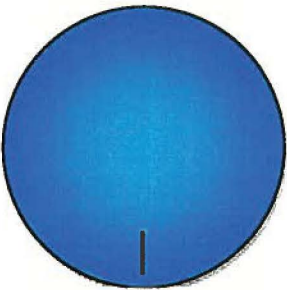
Ciba Vision: Fresh Look Color Blends Toric (Tinted)



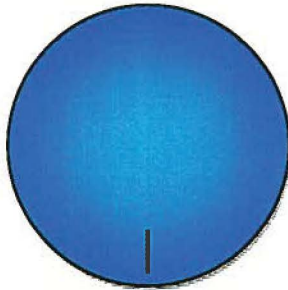
Contact Lens Laboratorie: CLL Custom Toric



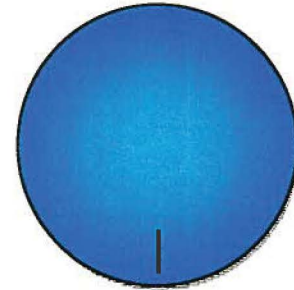
Continental Soft Lens: Continental Toric



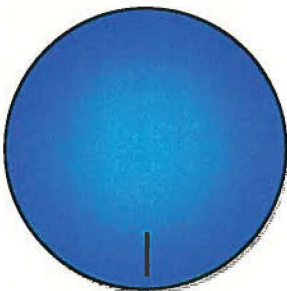
Coopervision: Hydrosoft Toric (DW or FW)



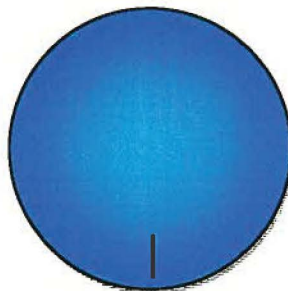
Coopervision: CV Encore



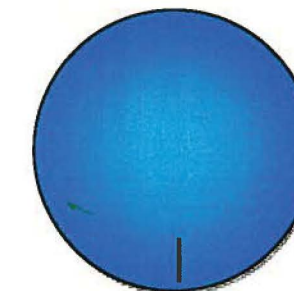
Coopervision: Frequency 55 Toric



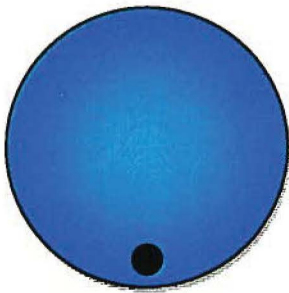
Coopervision: Preference Toric



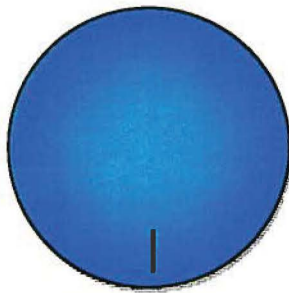
Coopervision: Preference Toric XR



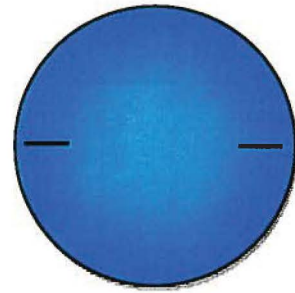
Coopervision: Cooper Toric



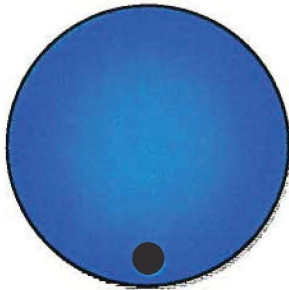
Eyecon: Multi-flex Custom Astigmatic



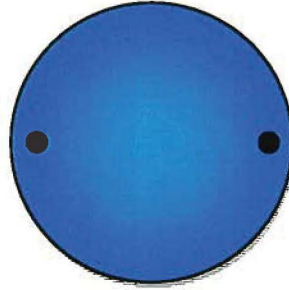
Flexlens: Flexlens Toric



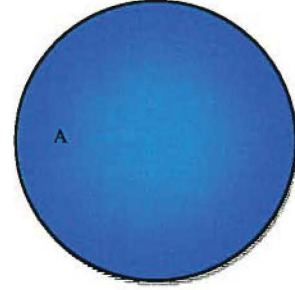
Innovations in Sight: Super Nova Toric



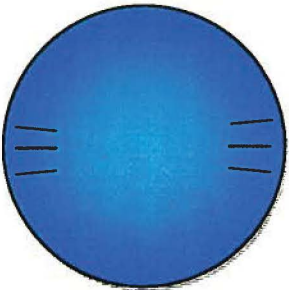
Kontur Contacts: Kontur 55 Toric



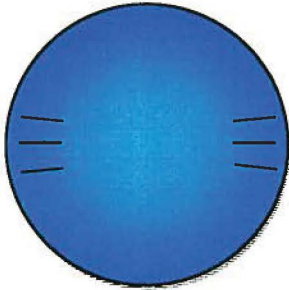
Lifestyle Co: Lifestyle Toric Bifocal



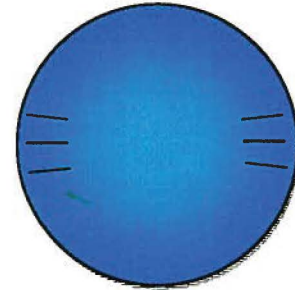
Lombart Lenses: C-VUE



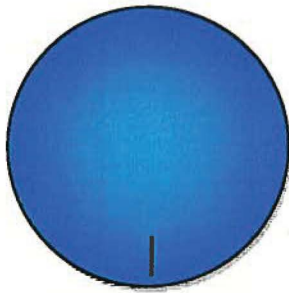
Metro Optics: Metrosoft Toric



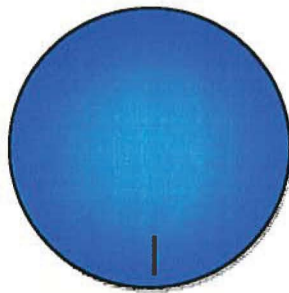
Metro Optics: Satureyes Clear Toric



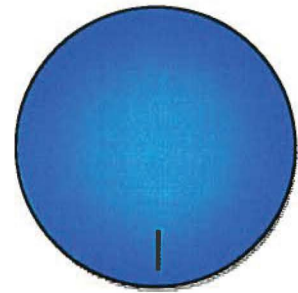
Metro Optics: Satureyes Lite Toric



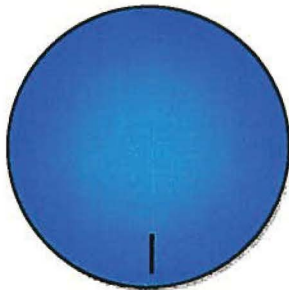
Ocu-Ease Optical:  
Ocu-flex 53 Toric



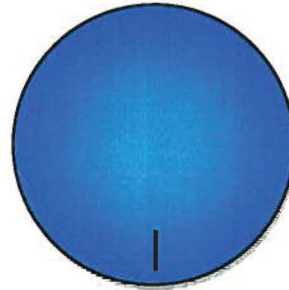
Ocu-Ease Optical:  
Ocu-flex 65 Toric



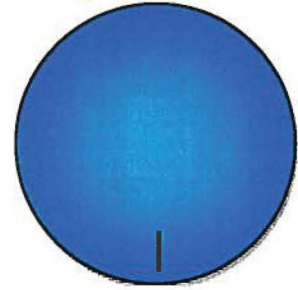
Ocu-Ease Optical:  
Ocu-flex Plus Toric



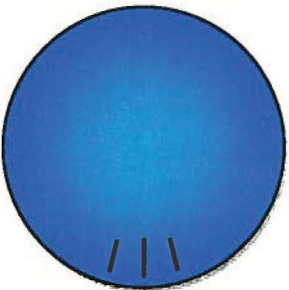
Ocu-Ease Optical:  
Ocu-flex 53 Toric  
Special Azure



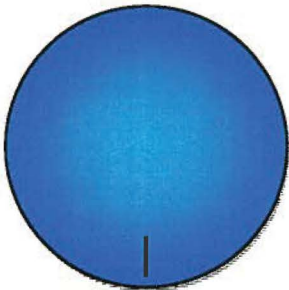
Ocu-Ease Optical:  
Ocu-flex 53  
Multifocal



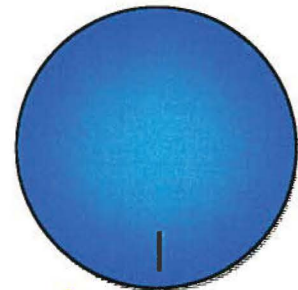
Ocu-Ease Optical:  
Ocu-flex 53  
Multifocal



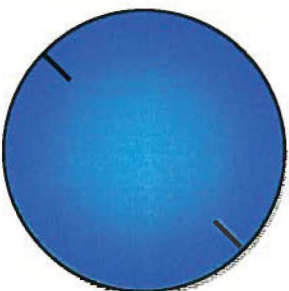
Ocular Sciences:  
Hydron Ultra T



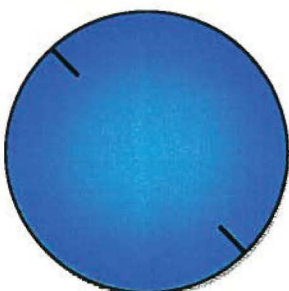
Ocular Sciences:  
BioMedics Toric



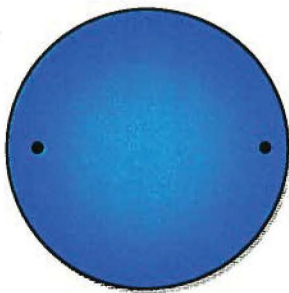
Optech: Fre-Flex  
Toric



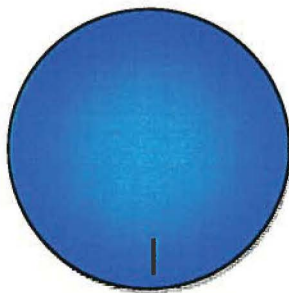
Optech:  
Polyplus Toric  
(lines bisect  
axis)



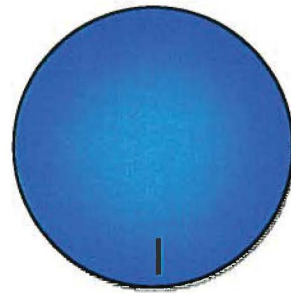
Optech: Polyvue Plus  
Toric Multifocal  
(lines bisect axis)



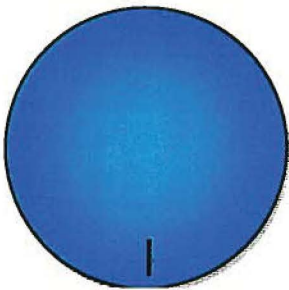
Opti-Centre Labs:  
Ultragel 45 Toric



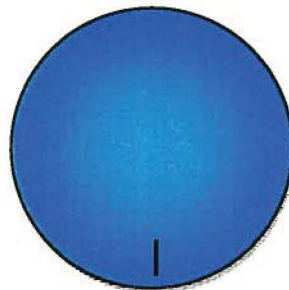
Unilens: Sof-Form  
55 Toric



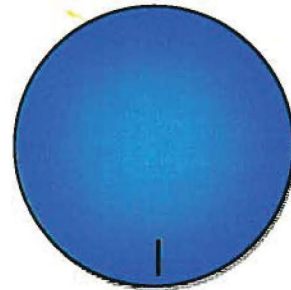
Sunsoft:  
Sunsoft Toric  
15.0



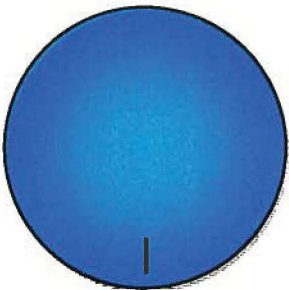
Sunsoft: Sunsoft  
Eclipse



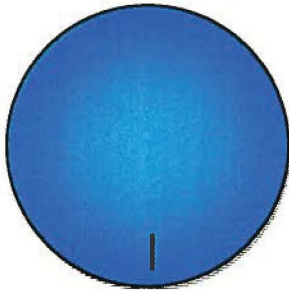
Sunsoft: Multiples  
Toric



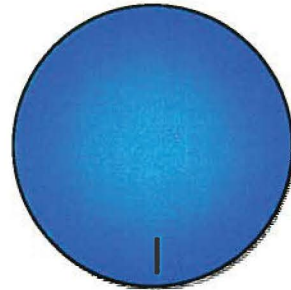
United Contact Lens:  
UCL Toric



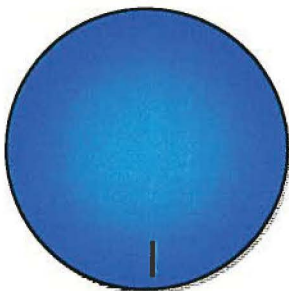
United Contact Lens:  
Tresoft Toric



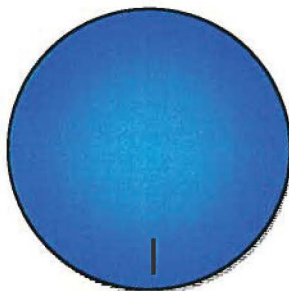
United Contact Lens:  
Tresoft Toric (Colors)



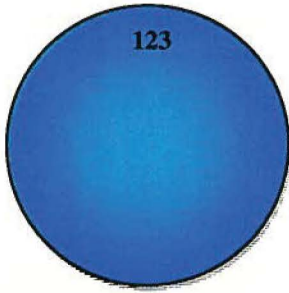
United Contact Lens:  
PR-46 Toric



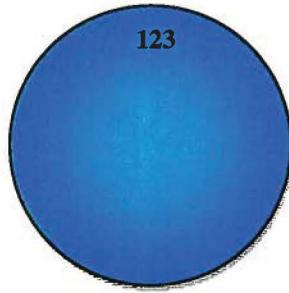
United Contact Lens:  
UCL Multifocal Toric



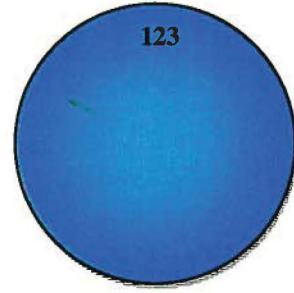
United Contact Lens:  
UCL Bifocal Toric



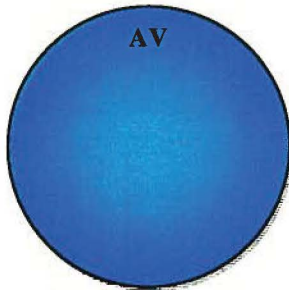
Vistakon: Acuvue 2



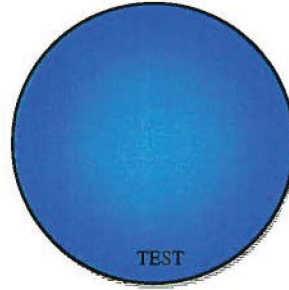
Vistakon: 1-Day Acuvue



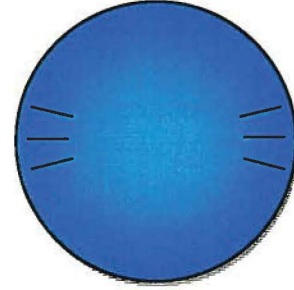
Vistakon: Acuvue Bifocal



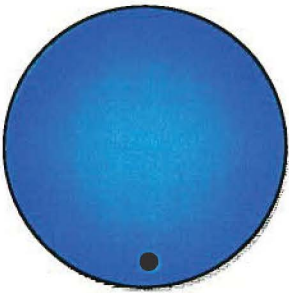
Vistakon: Acuvue



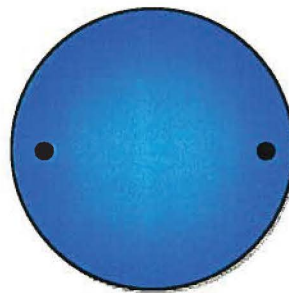
Vistakon: Acuvue 2 Colors (trial lens)



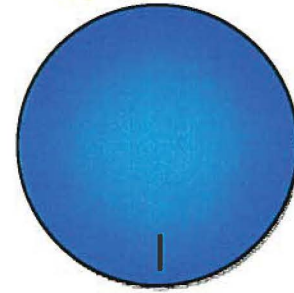
Vistakon: Acuvue Toric



Westcon Contact Lens: Horizon 55 Toric



Westcon Contact Lens: Westhin Toric



World Optics, Inc: ActiTorc

Sources:

### **Acuity One, LLC**

1-877-228-4891

Circular laser markings at 3 and 9 o'clock on the Ultrigel Toric.

### **Alden Optical**

1-800-253-3669

One small 1mm dot at 6 o'clock on all toric lenses. Note both toric types, Alden Classic and Alden HP Toric, may be tinted. All Alden lenses also have a manufacturer's number in the periphery.

### **Bausch & Lomb**

1-800-828-9030

All modern Bausch and Lomb lenses (except Soflens 66 Toric) use a B&L logo in the periphery of the lens. The older style spin cast lenses all use a "prism" logo which is a triangle inside of a circle. Purevision and B&L Two Week have the B&L logo with no other markings. Optima FW, Optima SP, and Optima 38 lenses have either an "S", "M", or "F" to indicate steep medium or flat base curve. Soflens 66 has either a 66B or 66A for steep/medium and medium/flat base curves. Soflens 66 Toric uses three laser lines at 5, 6, and 7 o'clock. Between the lines are a letter and number to identify batches of lenses. The number and letter do not correspond with lens parameters. This lens does not have a B&L logo. Optima Colors feature an "M" in the periphery. Occasions Multifocal features an "OCC" in the periphery.

The B3 lens features either a "B3" or "+B3" to indicate either minus power or low plus power opposite a prism logo. The B4 lens features either a "B4" or "+B4" to indicate either minus power or low plus power opposite to a prism logo. The F3, H3, H4, HO3, and HOH feature an "F3", "+H3", "+H4", "HO3", or "HO4" in the periphery opposite a prism logo. The N high plus, O3 minus, O4 minus, O3 tint, and O4 tint feature an "N", "O3", "O4", "O3 T", or "O4 T" opposite a prism logo respectively. \*note: B3, B4, N, and O series lenses are now discontinued.

The Gold Medalist Toric has three laser lines at 5, 6, and 7 o'clock. The Optima Toric has an "F", "M", or "S" to indicate flat, medium, and steep base curves as well as three laser lines at 5, 6, and 7 o'clock.

### **Biocurve Soft Lenses**

1-800-959-2020

One Laser Line at 6 o'clock on both toric lenses, Biocurve Toric and Biocurve Elite Toric.

**Blanchard Contact Lens Co., LLC**

1-800-367-4009

Three Laser Lines at each end of axis. Note Essential Soft Toric is a multifocal.

**California Optics**

1-800-443-2460

One clear circle at 6'oclock on all toric lenses.

**Ciba Vision**

1-800-241-7468

Ciba Focus Monthly lenses have "Ciba M" inscribed in the periphery. These lenses are available with visitint, or in soft colors. Ciba Focus Torics have "Ciba S" inscribed in the periphery and 3 scribe marks at 3, 6, and 9'oclock. DuraSoft 3 Toric lenses use bi-directional markings in a tabletop design at 6'oclock. DuraSoft 3 varieties include regular, UV, color blends, and colors. Durasoft 2 toric lenses use the same tabletop design to denote axis orientation and come in regular, light color, and opaque colors. Additionally, Ciba CSI Toric lenses use the same tabletop bi-directional indicator. Ciba ToriSoft lenses have two scribe marks at 3 and 9'oclock. Ciba Hydrocurve 3 Toric lenses have the axis number etched into the lens and use 3 laser lines at 5, 6, and 7'oclock. Spherical Fresh Look lenses come in three varieties, Fresh Look Colors, Color Blends, and Color Enhancers. All feature an inversion indicator, the letters "F L". Spherical Fresh Look trial or demo lenses all have the word "DEMO" marked into the lens periphery. Toric Fresh Look lenses come in as regular or color blends. These lenses are marked with the letters F, T, and L inferiorly. The T is at 6'oclock, while the F and L are separated by 20 degrees.

**Contact Lens Laboratories**

1-800-354-9853

The CLL Custom Toric uses one black ink dot at 6'oclock.

**Continental Soft Lens**

1-800-637-3845

The Continental Toric uses one laser line at 6'oclock.

**Coopervision**

1-800-341-2020



One line at 6'oclock on all toric lenses: Hydrosoft Toric DW and FW, CV Encore, Frequency 55 Toric, Preference 55 Toric XR, Preference Toric, and Cooper Toric.

**Eyecon, Inc.** 1-800-322-2015

The Multi-flex Custom Astigmatic toric lens uses a single black dot at 6'oclock.

**Flexlens Products** 1-800-241-9312

The Flexlens Toric uses a laser line at 6'oclock.

**Innovations in Sight, Inc.** 1-877-533-1509

The Super Nova Toric uses two laser lines at 3 and 9'oclock.

**Kontur Kontakt Lens** 1-800-227-1320

The Kontur 55 Toric lens uses a small ink dot at 6'oclock.

**Lifestyle Co.** 1-800-622-0777

The LifeStyle Toric Bifocal features two black ink dots at 3 and 9'oclock.

**Lombart Lenses** 1-800-446-8301

The company's newest lens, C-Vue has a letter in the periphery to indicate mold number. This letter is not consistent with lens parameters.

**Metro Optics** 1-800-223-1858

The Satureyes Clear Toric, Satureyes Lite Toric, and the Metrosoft Toric all use 6 total laser lines: 3 and 9'oclock with additional lines 10 degrees above and below.

**Ocu-Ease Optical** 1-800-521-8954

All company lenses use a single laser line at 6'oclock; Ocu-flex 53 Toric, Ocu-flex Plus Toric, Ocu-flex 65 Toric, Ocu-flex 53 Toric Custom Azure. Note that all lenses above come in a Custom variety where parameters are custom made. Additionally, the Ocu-flex 53 multifocal and Ocu-flex plus multifocal are available as torics and use the same laser line at 6'oclock.

**Ocular Sciences** 1-800-628-5367

The Hydron Ultra T uses laser lines at 5:30, 6'oclock, and 6:30. The BioMedics Toric uses a single laser line at 6'oclock.

**Optech, Inc.**

1-800-525-7465

The Fre-Flex Toric uses a laser line at 6'oclock. This lens is available with custom parameters. The Polyplus Toric uses two laser lines that bisect the axis of the lens. The toric variety of Optech's multifocal, Polyvue, also uses lines that bisect the axis.

**Opti-Centre Labs, Inc.**

1-800-567-2746

The Ultrigel 45 Toric uses ink dots at 3 and 9'oclock.

**Unilens Corporation**

1-800-446-2020

The Sof-Form 55 Toric uses a single laser line at 6'oclock.

**Sunsoft**

1-800-526-2020

Sunsoft's Toric lenses have laser marking described as a fitting target at 6'oclock. In this case the fitting target is a single line at 6'oclock. The three toric lenses with this marking are the Sunsoft Toric 15.0, the Sunsoft Eclipse, and the Multiples Toric.

**United Contact Lens**

1-800-446-1666

All toric lenses use a single line at 6'oclock. Toric lenses include the UCL Toric, the Tresoft Toric, Tresoft Toric colors, the PR-46, the UCL Multifocal Toric, and the UCL Bifocal Toric.

**Vistakon**

Johnson &amp; Johnson 1-800-843-2020

Acuvue 2 lenses, Acuvue Bifocal, and 1-Day Acuvue lenses have the numbers "1 2 3" etched onto the front surface of the lens. These letters serve as an inversion indicator. Regular Acuvue lenses use the letters "AV" on the front surface as an inversion indicator. Acuvue 2 colors are unmarked; however, trial lenses will have the word test imprinted on the front surface. Acuvue Toric lenses have 6 total laser lines with three centered around 3'oclock and three centered around 9'oclock.

**Westcon Contact Lens**

1-800-346-4303

The Horizon 55 Toric uses 1 ink dot at 6'oclock. The Westhin Toric uses ink dots at 3 and 9'oclock.

**World Optics, Inc.**

1-800-421-4657

The ActiTorc lens uses a single laser line at 6'oclock.