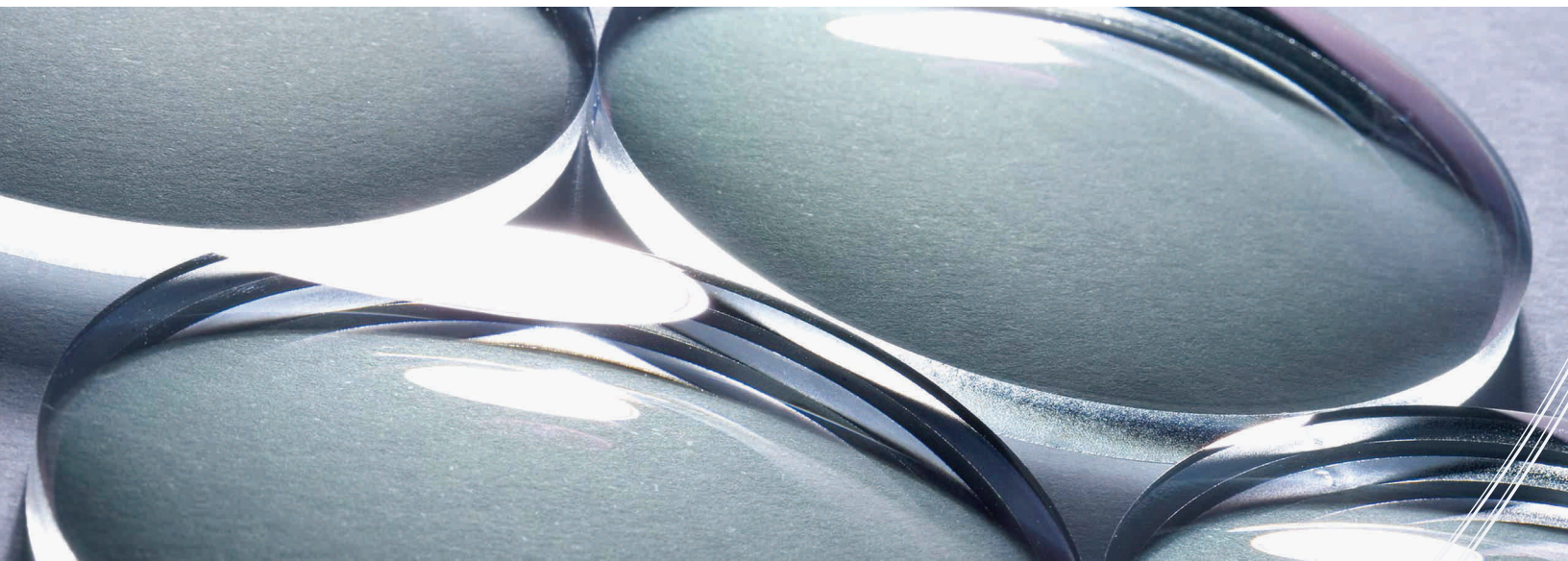


# Augen Optics

# PRODUCT CATALOG



You've known us for over 20 years - the small technology-driven manufacturing company that produces precision glass molds for lens manufacturers worldwide.

Today we're an international lens manufacturing company applying our expertise in invention to an expanded offering including High Definition lens design technology.



HIGH DEFINITION LENSES

# DELIVERING TRUE HIGH DEFINITION PERFORMANCE

## Wide, Clear, Natural Vision for Progressive and Single Vision Wearers

What does “high definition” mean to the consumer? Improved clarity, better resolution, widescreen vision, higher quality. And these characteristics are not determined by back-surface free form processing. They’re determined by the quality of the lens design itself - in combination with the material.

## Combining Advanced Optical Designs and Materials

That’s why Augen High Definition Lenses® are among the only products available that meet the “high definition” expectations at the consumer. Our patented aspheric front surface optical designs are applied to advanced material substrates like Trivex® that ensure maximum clarity and light transmittance.

This combination delivers wider, clearer, more natural vision - qualities that cannot be provided by a “high definition” lens with an average design, or in an optically impure material like polycarbonate.

Augen High Definition Lenses® give wearers the consistent quality and performance they expect in high definition products.

## The Advantage of FREE FORM

While free form technology does not deliver high definition performance in itself, it does enhance lens quality by overcoming traditional manufacturing limitations that could result in small, unintended alterations of the lens design.

All Augen High Definition Lenses® are created from molds produced with our proprietary free-form process, ensuring each lens product delivers the exact high definition characteristics intended by our design team.



**1.50 Hard Resin**

|                           |    |
|---------------------------|----|
| Technical Data Sheets     | 1  |
| Centering and Size Charts | 12 |
| Availability Charts       | 14 |
| Base Selection Charts     | 18 |

**AugenSol Photochromic Lens**

|                           |    |
|---------------------------|----|
| Technical Data Sheets     | 24 |
| Centering and Size Charts | 33 |
| Availability Charts       | 34 |
| Base Selection Charts     | 37 |

**Trivex® 1.53**

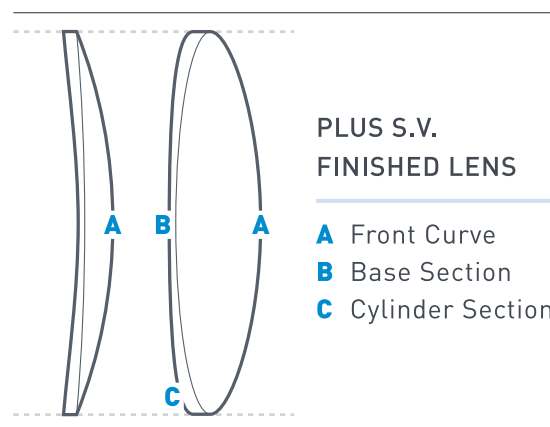
|                           |    |
|---------------------------|----|
| Technical Data Sheets     | 42 |
| Centering and Size Charts | 53 |
| Availability Charts       | 56 |
| Base Selection Charts     | 61 |

**Index 1.56**

|                           |    |
|---------------------------|----|
| Technical Data Sheets     | 68 |
| Centering and Size Charts | 71 |
| Availability Charts       | 72 |
| Base Selection Charts     | 73 |

# Single Vision Finished (+)

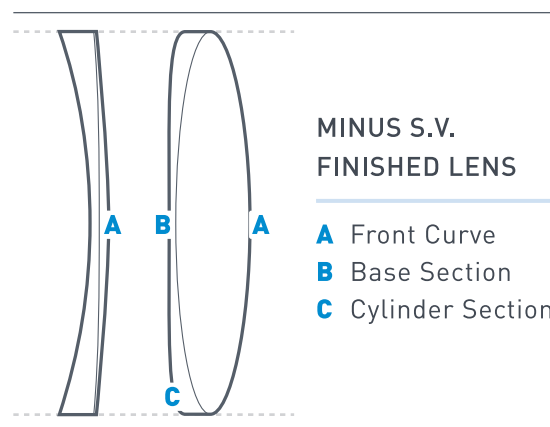
| CHARACTERISTICS   | HARD RESIN       |
|-------------------|------------------|
| REFRACTIVE INDEX  | 1.50             |
| DISPERSION ABBE   | 58               |
| DENSITY 25°gr/cm3 | 1.32             |
| UV FILTER         | UVA 98%/UVB 100% |



| SPHERE POWER<br>NOMINAL (D) | CYLINDER<br>(-) | FRONT CURVE<br>NOMINAL (D) | THICKNESS NOMINAL<br>CENTER ± 0.3mm | EDGE<br>(mm) | DIAMETER<br>(mm) |
|-----------------------------|-----------------|----------------------------|-------------------------------------|--------------|------------------|
| 0.00                        | 0.25 to 2.00    | 6.00                       | 2.10                                | 2.10         | 71.0             |
| +0.25                       | 0.25 to 2.00    | 6.00                       | 2.50                                | 1.70         | 68.0             |
| +0.50                       | 0.25 to 2.00    | 6.00                       | 2.70                                | 1.40         | 68.0             |
| +0.75                       | 0.25 to 2.00    | 6.25                       | 2.90                                | 1.10         | 68.0             |
| +1.00                       | 0.25 to 2.00    | 6.25                       | 2.80                                | 1.00         | 68.0             |
| +1.25                       | 0.25 to 2.00    | 6.50                       | 3.00                                | 1.00         | 68.0             |
| +1.50                       | 0.25 to 2.00    | 6.50                       | 3.40                                | 1.00         | 68.0             |
| +1.75                       | 0.25 to 2.00    | 6.75                       | 3.70                                | 1.00         | 68.0             |
| +2.00                       | 0.25 to 2.00    | 6.75                       | 4.00                                | 1.00         | 68.0             |
| +2.25                       | N/A             | 7.00                       | 4.20                                | 1.00         | 68.0             |
| +2.50                       | N/A             | 7.25                       | 4.50                                | 1.00         | 68.0             |
| +2.75                       | N/A             | 7.50                       | 4.70                                | 1.00         | 68.0             |
| +3.00                       | N/A             | 7.75                       | 5.00                                | 1.00         | 68.0             |

# Single Vision Finished (-)

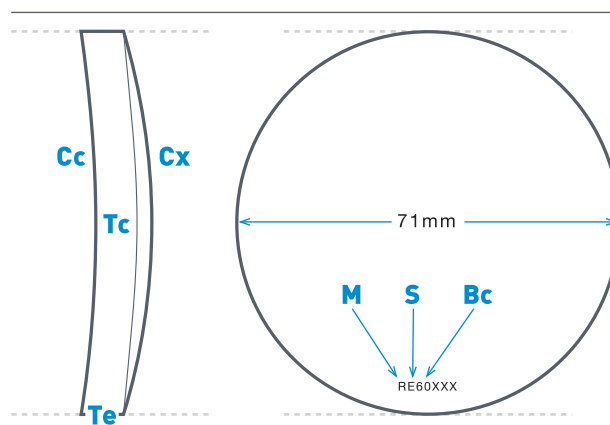
| CHARACTERISTICS   | HARD RESIN       |
|-------------------|------------------|
| REFRACTIVE INDEX  | 1.50             |
| DISPERSION ABBE   | 58               |
| DENSITY 25°gr/cm3 | 1.32             |
| UV FILTER         | UVA 98%/UVB 100% |



| SPHERE POWER<br>NOMINAL (D) | CYLINDER<br>(-) | FRONT CURVE<br>NOMINAL (D) | THICKNESS NOMINAL<br>CENTER ± 0.2mm | DIAMETER<br>(mm) |
|-----------------------------|-----------------|----------------------------|-------------------------------------|------------------|
| 0.00                        | 0.25 to 2.00    | 6.00                       | 2.10                                | 71.0             |
| -0.25                       | 0.25 to 2.00    | 5.75                       | 2.10                                | 71.0             |
| -0.50                       | 0.25 to 2.00    | 5.50                       | 2.10                                | 71.0             |
| -0.75                       | 0.25 to 2.00    | 5.50                       | 2.10                                | 71.0             |
| -1.00                       | 0.25 to 2.00    | 5.25                       | 2.10                                | 71.0             |
| -1.25                       | 0.25 to 2.00    | 5.00                       | 2.10                                | 71.0             |
| -1.50                       | 0.25 to 2.00    | 4.75                       | 2.10                                | 71.0             |
| -1.75                       | 0.25 to 2.00    | 5.00                       | 2.10                                | 71.0             |
| -2.00                       | 0.25 to 2.00    | 4.75                       | 2.10                                | 71.0             |
| -2.25                       | N/A             | 4.50                       | 2.10                                | 71.0             |
| -2.50                       | N/A             | 4.25                       | 2.10                                | 71.0             |
| -2.75                       | N/A             | 4.00                       | 2.10                                | 71.0             |
| -3.00                       | N/A             | 3.75                       | 2.10                                | 71.0             |

# Single Vision S.F.

| CHARACTERISTICS                                                                                | HARD RESIN       |
|------------------------------------------------------------------------------------------------|------------------|
| REFRACTIVE INDEX                                                                               | 1.50             |
| DISPERSION ABBE                                                                                | 58               |
| DENSITY 25°gr/cm3                                                                              | 1.32             |
| UV FILTER                                                                                      | UVA 98%/UVB 100% |
|  <b>AUGEN</b> |                  |



## SINGLE VISION SEMI-FINISHED LENS

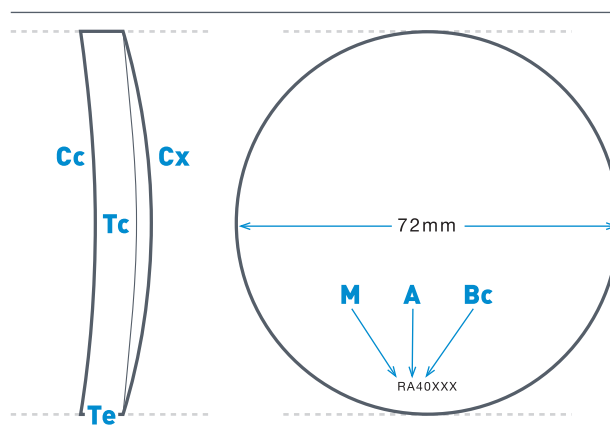
|                            |                      |
|----------------------------|----------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material    |
| <b>Cx</b> Convex Curve     | <b>S</b> Spheric     |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve |
| <b>Te</b> Edge Thickness   |                      |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|----------------------------------|------------------------------------|
| 0.50                        | 0.52                         | 0.30                        | 3.00                         | 14.00                            | 10.5                               |
| 2.00                        | 2.05                         | 1.18                        | 3.00                         | 12.50                            | 11.25                              |
| 4.00                        | 4.06                         | 2.41                        | 5.00                         | 10.50                            | 9.50                               |
| 6.00                        | 6.06                         | 3.65                        | 5.00                         | 7.50                             | 8.50                               |
| 8.00                        | 8.26                         | 5.07                        | 5.00                         | 6.50                             | 10.80                              |
| 10.00                       | 10.12                        | 6.35                        | 5.00                         | 6.50                             | 13.0                               |

LENS DIAMETER 71mm ± 0.5 mm

# HD S.V. Aspheric S.F.

| CHARACTERISTICS                                                                                | HARD RESIN       |
|------------------------------------------------------------------------------------------------|------------------|
| REFRACTIVE INDEX                                                                               | 1.50             |
| DISPERSION ABBE                                                                                | 58               |
| DENSITY 25°gr/cm3                                                                              | 1.32             |
| UV FILTER                                                                                      | UVA 98%/UVB 100% |
|  <b>AUGEN</b> |                  |



## SINGLE VISION ASPHERIC SEMI-FINISHED LENS

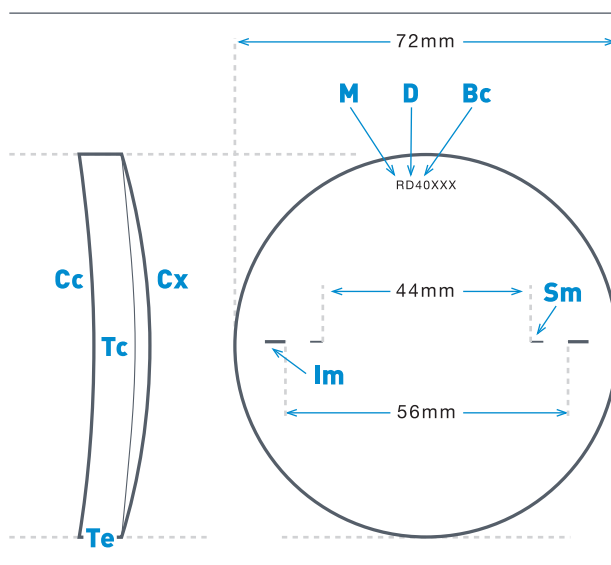
- Cc** Concave Curve
- Cx** Convex Curve
- Tc** Center Thickness
- Te** Edge Thickness
- M** Material
- A** Aspheric
- Bc** Base Curve

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | CONCAVE CURVE<br>TRUE (1.530) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|----------------------------------|------------------------------------|
| 0.75                        | 0.65                         | 0.46                        | 3.00                         | 3.00                          | 13.5                             | 10.8                               |
| 2.00                        | 2.00                         | 1.24                        | 3.00                         | 3.00                          | 12.2                             | 11.0                               |
| 3.50                        | 3.52                         | 2.10                        | 5.00                         | 5.31                          | 11.1                             | 8.8                                |
| 4.00                        | 4.00                         | 2.34                        | 5.00                         | 5.31                          | 9.8                              | 8.1                                |
| 5.00                        | 5.00                         | 2.91                        | 5.00                         | 5.31                          | 8.6                              | 8.2                                |
| 6.25                        | 6.25                         | 3.68                        | 5.00                         | 5.31                          | 7.7                              | 9.0                                |
| 7.25                        | 7.36                         | 4.36                        | 6.00                         | 6.12                          | 6.2                              | 8.0                                |
| 8.25                        | 8.16                         | 4.87                        | 6.00                         | 6.12                          | 6.4                              | 9.5                                |

LENS DIAMETER 72mm ± 0.5 mm

# HD S.V. Double Aspheric S.F.

| CHARACTERISTICS                                                                                | HARD RESIN       |
|------------------------------------------------------------------------------------------------|------------------|
| REFRACTIVE INDEX                                                                               | 1.50             |
| DISPERSION ABBE                                                                                | 58               |
| DENSITY 25°gr/cm3                                                                              | 1.32             |
| UV FILTER                                                                                      | UVA 98%/UVB 100% |
|  <b>AUGEN</b> |                  |



## SINGLE VISION DOUBLE ASPHERIC S.F. LENS

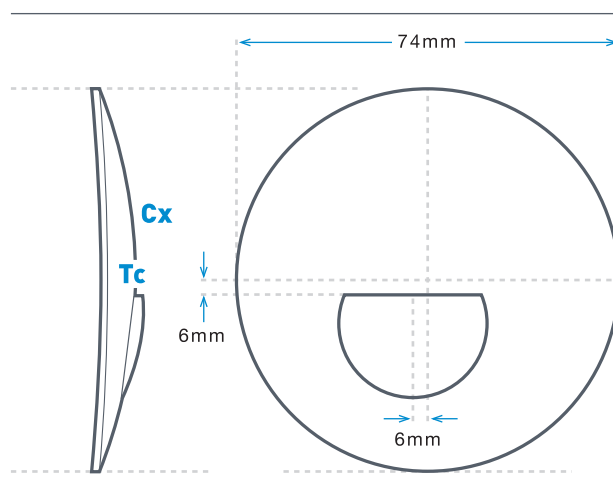
|                            |                                 |
|----------------------------|---------------------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material               |
| <b>Cx</b> Convex Curve     | <b>D</b> Double Aspheric        |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve            |
| <b>Te</b> Edge Thickness   | <b>Im</b> Ink Markings          |
|                            | <b>Sm</b> Semi-visible Markings |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | CONCAVE CURVE<br>TRUE (1.530) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|----------------------------------|------------------------------------|
| 0.75                        | 0.90                         | 0.60                        | 3.00                         | 3.00                          | 13.5                             | 11.0                               |
| 2.00                        | 2.25                         | 1.36                        | 3.00                         | 3.00                          | 12.3                             | 11.4                               |
| 3.50                        | 3.62                         | 2.13                        | 5.00                         | 5.31                          | 11.2                             | 9.0                                |
| 4.00                        | 4.10                         | 2.40                        | 5.00                         | 5.31                          | 9.8                              | 8.2                                |
| 5.00                        | 5.18                         | 3.04                        | 5.00                         | 5.31                          | 8.5                              | 8.3                                |
| 6.25                        | 6.46                         | 3.80                        | 5.00                         | 5.31                          | 8.2                              | 9.8                                |
| 7.25                        | 7.48                         | 4.43                        | 6.00                         | 6.12                          | 7.2                              | 9.2                                |
| 8.25                        | 8.30                         | 4.94                        | 6.00                         | 6.12                          | 7.3                              | 10.6                               |

LENS DIAMETER 72mm ± 0.5 mm

# Flat-Top 28 Finished (+)

| CHARACTERISTICS                                                                                | HARD RESIN       |
|------------------------------------------------------------------------------------------------|------------------|
| REFRACTIVE INDEX                                                                               | 1.50             |
| DISPERSION ABBE                                                                                | 58               |
| DENSITY 25°gr/cm3                                                                              | 1.32             |
| UV FILTER                                                                                      | UVA 98%/UVB 100% |
|  <b>AUGEN</b> |                  |



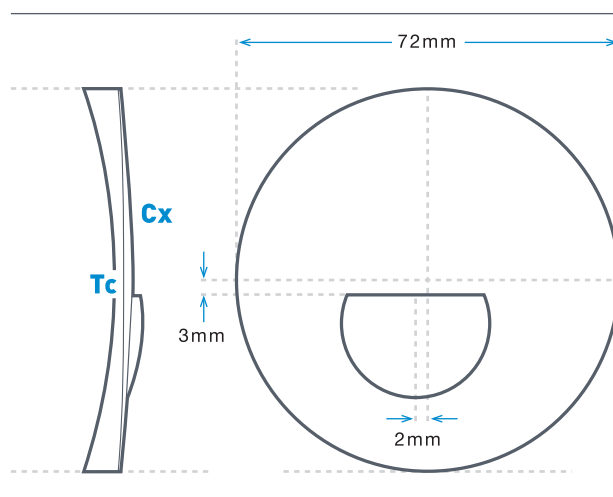
## AUGEN FLAT-TOP 28 FINISHED PLUS LENS

**Cx** Convex Curve  
**Tc** Center Thickness

| SPHERE POWER<br>NOMINAL (D) | ADD<br>STEPS 0.25 D | FRONT CURVE<br>NOMINAL (D) | THICKNESS NOMINAL<br>CENTER $\pm 0.2\text{mm}$ | EDGE | DIAMETER<br>(mm) |
|-----------------------------|---------------------|----------------------------|------------------------------------------------|------|------------------|
| 0.00                        | 1.00 to 3.00        | 5.90                       | 2.1                                            | 2.10 | 74.0             |
| +0.25                       | 1.00 to 3.00        | 5.90                       | 2.2                                            | 1.70 | 74.0             |
| +0.50                       | 1.00 to 3.00        | 5.90                       | 2.4                                            | 1.40 | 74.0             |
| +0.75                       | 1.00 to 3.00        | 5.90                       | 2.5                                            | 1.10 | 74.0             |
| +1.00                       | 1.00 to 3.00        | 6.29                       | 2.8                                            | 1.00 | 74.0             |
| +1.25                       | 1.00 to 3.00        | 6.29                       | 3.2                                            | 1.00 | 74.0             |
| +1.50                       | 1.00 to 3.00        | 6.29                       | 3.5                                            | 1.00 | 74.0             |
| +1.75                       | 1.00 to 3.00        | 6.29                       | 3.8                                            | 1.00 | 74.0             |
| +2.00                       | 1.00 to 3.00        | 6.29                       | 4.1                                            | 1.00 | 74.0             |
| +2.25                       | 1.50 to 3.00        | 6.75                       | 4.6                                            | 1.00 | 74.0             |
| +2.50                       | 1.50 to 3.00        | 6.75                       | 5.0                                            | 1.00 | 74.0             |
| +2.75                       | 1.50 to 3.00        | 6.75                       | 5.2                                            | 1.00 | 74.0             |
| +3.00                       | 1.50 to 3.00        | 6.75                       | 5.5                                            | 1.00 | 74.0             |

# Flat-Top 28 Finished (-)

| CHARACTERISTICS                                                                                | HARD RESIN       |
|------------------------------------------------------------------------------------------------|------------------|
| REFRACTIVE INDEX                                                                               | 1.50             |
| DISPERSION ABBE                                                                                | 58               |
| DENSITY 25°gr/cm3                                                                              | 1.32             |
| UV FILTER                                                                                      | UVA 98%/UVB 100% |
|  <b>AUGEN</b> |                  |



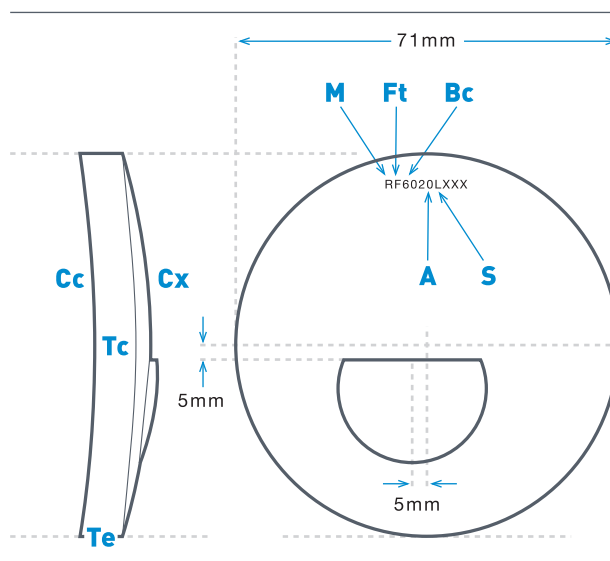
AUGEN FLAT-TOP 28 FINISHED MINUS LENS

**Cx** Convex Curve  
**Tc** Center Thickness

| SPHERE POWER<br>NOMINAL (D) | ADD<br>STEPS 0.25 D | FRONT CURVE<br>NOMINAL (D) | CENTER THICKNESS<br>NOMINAL $\pm 0.2\text{mm}$ | DIAMETER<br>(mm) |
|-----------------------------|---------------------|----------------------------|------------------------------------------------|------------------|
| -0.25                       | 1.00 to 3.00        | 5.90                       | 2.1                                            | 72.0             |
| -0.50                       | 1.00 to 3.00        | 5.90                       | 2.1                                            | 72.0             |
| -0.75                       | 1.00 to 3.00        | 5.90                       | 2.1                                            | 72.0             |
| -1.00                       | 1.00 to 3.00        | 5.00                       | 2.1                                            | 72.0             |
| -1.25                       | 1.00 to 3.00        | 5.00                       | 2.1                                            | 72.0             |
| -1.50                       | 1.00 to 3.00        | 5.00                       | 2.1                                            | 72.0             |
| -1.75                       | 1.00 to 3.00        | 5.00                       | 2.1                                            | 72.0             |
| -2.00                       | 1.00 to 3.00        | 5.00                       | 2.1                                            | 72.0             |

# Flat-Top 28 S.F.

| CHARACTERISTICS                                                                   | HARD RESIN       |
|-----------------------------------------------------------------------------------|------------------|
| REFRACTIVE INDEX                                                                  | 1.50             |
| DISPERSION ABBE                                                                   | 58               |
| DENSITY 25°gr/cm3                                                                 | 1.32             |
| UV FILTER                                                                         | UVA 98%/UVB 100% |
|  |                  |



## AUGEN FLAT-TOP 28 SEMI-FINISHED LENS

|                            |                       |
|----------------------------|-----------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material     |
| <b>Cx</b> Convex Curve     | <b>Ft</b> Flat-Top 28 |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve  |
| <b>Te</b> Edge Thickness   | <b>A</b> Add          |
|                            | <b>S</b> Side         |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|----------------------------------|------------------------------------|
| 0.50                        | 0.52                         | 0.30                        | 3.00                         | 14.00                            | 10.50                              |
| 2.00                        | 2.05                         | 1.18                        | 3.00                         | 12.50                            | 11.25                              |
| * 4.00                      | 4.06                         | 2.41                        | 5.00                         | 10.50                            | 9.50                               |
| * 6.00                      | 6.06                         | 3.65                        | 5.00                         | 7.50                             | 8.50                               |
| 8.00                        | 8.26                         | 5.07                        | 5.00                         | 6.50                             | 10.80                              |

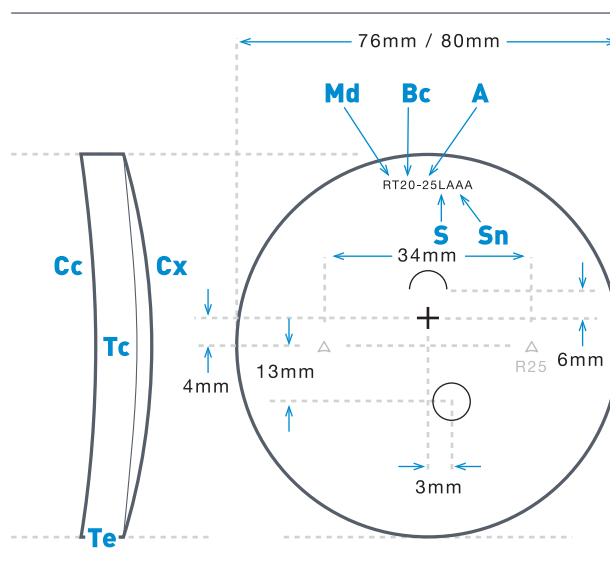
LENS DIAMETER 71 mm ± 0.5 mm

DN SEG / IN SEG: 5.0 / 5.0 mm

ADDITION: 1.00 D TO 3.00 D IN STEPS 0.25 D. \*Available in additions 3.25 D and 3.50 D

# HD Progressive S.F. Trinity<sup>®</sup> 13/17

| CHARACTERISTICS               | HARD RESIN       |
|-------------------------------|------------------|
| REFRACTIVE INDEX              | 1.50             |
| DISPERSION ABBE               | 58               |
| DENSITY 25°gr/cm <sup>3</sup> | 1.32             |
| UV FILTER                     | UVA 98%/UVB 100% |



**MINIMUM FITTING HEIGHT 17mm**  
**TRINITY<sup>®</sup> PROGRESSIVE SEMI-FINISHED LENS**

|                            |                             |
|----------------------------|-----------------------------|
| <b>Cc</b> Concave Curve    | <b>Md</b> Material & Design |
| <b>Cx</b> Convex Curve     | <b>Bc</b> Base Curve        |
| <b>Tc</b> Center Thickness | <b>A</b> Addition           |
| <b>Te</b> Edge Thickness   | <b>S</b> Side               |
|                            | <b>Sn</b> Serial No.        |

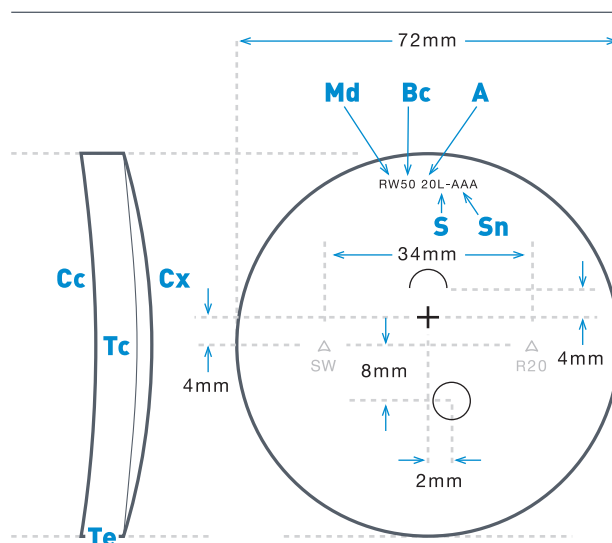
| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>TRUE (1.530) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|-------------------------------|----------------------------------|------------------------------------|
| 2.00                        | 1.75                         | 1.03                        | 5.31                          | 9.80                             | 6.50                               |
| * 3.50                      | 3.48                         | 2.06                        | 6.12                          | 10.00                            | 7.80                               |
| * 5.00                      | 5.00                         | 2.99                        | 6.12                          | 7.70                             | 7.50                               |
| 6.00                        | 5.82                         | 3.50                        | 5.31                          | 6.80                             | 9.00                               |

LENS DIAMETER 76mm ± 0.5 mm Coated / 80mm ± 0.5 mm Uncoated

ADDITION: 1.00 D TO 3.00 D IN STEPS 0.25 D. \*Available in addition 0.75 D and 3.50 D

# HD Progressive S.F. Trinity<sup>®</sup> 8/12

| CHARACTERISTICS   | HARD RESIN       |
|-------------------|------------------|
| REFRACTIVE INDEX  | 1.50             |
| DISPERSION ABBE   | 58               |
| DENSITY 25°gr/cm3 | 1.32             |
| UV FILTER         | UVA 98%/UVB 100% |



**MINIMUM FITTING HEIGHT 12mm**  
**TRINITY ULTRA PROGRESSIVE SHORT CORRIDOR**  
**SEMI-FINISHED LENS**

|                            |                             |
|----------------------------|-----------------------------|
| <b>Cc</b> Concave Curve    | <b>Md</b> Material & Design |
| <b>Cx</b> Convex Curve     | <b>Bc</b> Base Curve        |
| <b>Tc</b> Center Thickness | <b>A</b> Addition           |
| <b>Te</b> Edge Thickness   | <b>S</b> Side               |
|                            | <b>Sn</b> Serial No.        |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1,530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | CONCAVE CURVE<br>TRUE (1,530) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.4 -0.6 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|----------------------------------|------------------------------------|
| 3.50                        | 3.48                         | 2.06                        | 6.00                         | 6.12                          | 9.20                             | 7.20                               |
| 5.00                        | 5.00                         | 2.99                        | 6.00                         | 6.12                          | 8.20                             | 8.20                               |
| 6.00                        | 5.82                         | 3.50                        | 5.00                         | 5.31                          | 7.00                             | 10.00                              |

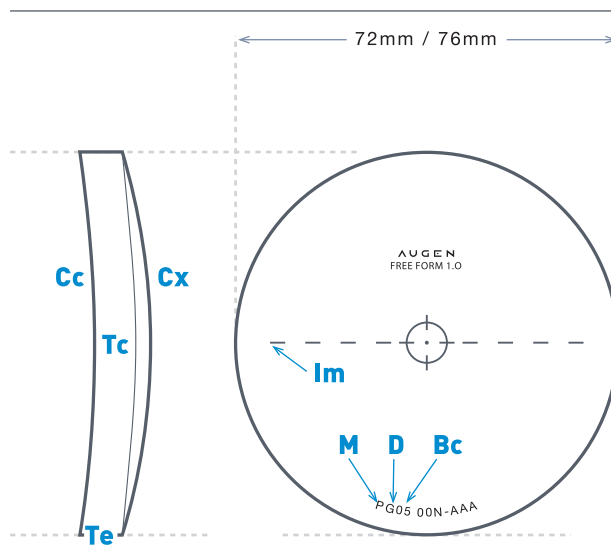
LENS DIAMETER 72mm ± 0.5 mm

ADDITION: 1.00 D TO 3.00 D IN STEPS 0.25 D.

# AUGEN 1.0

## Single Vision S.F.

| CHARACTERISTICS   | HARD RESIN       |
|-------------------|------------------|
| REFRACTIVE INDEX  | 1.50             |
| DISPERSION ABBE   | 58               |
| DENSITY 25°gr/cm3 | 1.32             |
| UV FILTER         | UVA 98%/UVB 100% |



Precision Curve **FREE-FORM**  
True Convex Curve +/- 0.02 D

### SINGLE VISION SPHERIC S.F. LENS

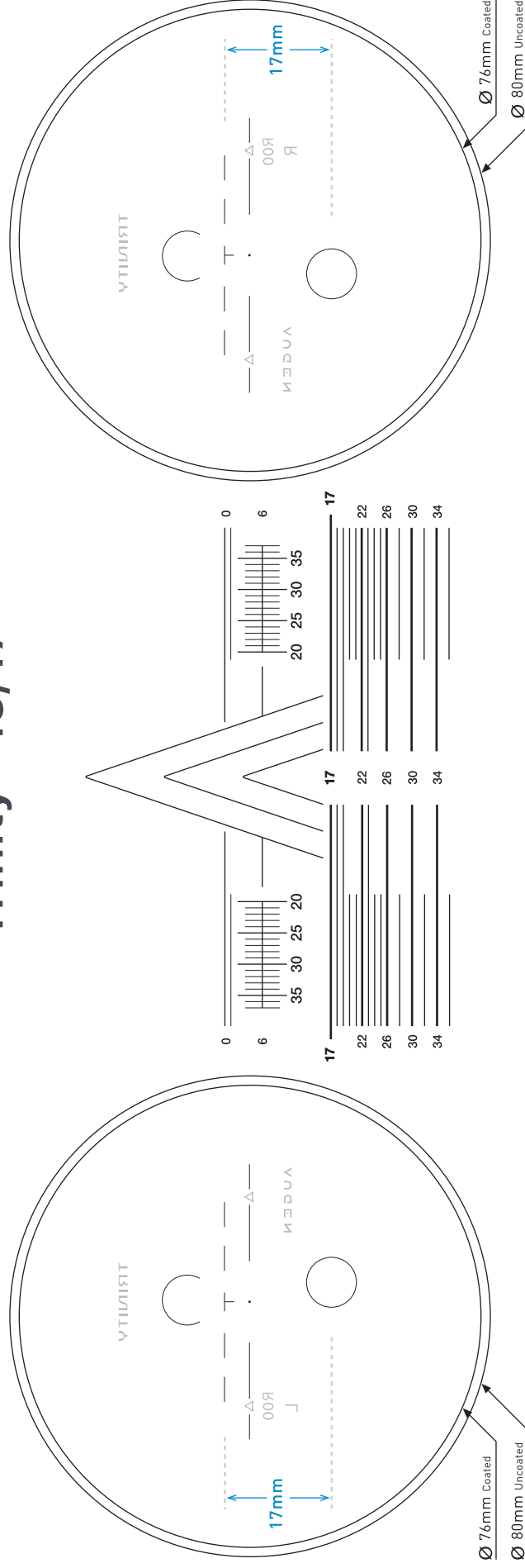
|                            |                        |
|----------------------------|------------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material      |
| <b>Cx</b> Convex Curve     | <b>D</b> Spheric       |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve   |
| <b>Te</b> Edge Thickness   | <b>Im</b> Ink Markings |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE 1.530 | CONVEX CURVE<br>SAG. 50mm | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 mm | CENTER THICKNESS<br>+0.5 -0.3 mm |
|-----------------------------|----------------------------|---------------------------|------------------------------|--------------------------------|----------------------------------|
| *0.50                       | 0.50                       | 0.29                      | 6.00                         | 13.00                          | 5.8                              |
| *2.50                       | 2.50                       | 1.47                      | 6.00                         | 13.50                          | 8.9                              |
| 3.50                        | 3.50                       | 2.07                      | 6.00                         | 12.00                          | 8.0                              |
| 4.50                        | 4.50                       | 2.68                      | 5.00                         | 9.80                           | 8.5                              |
| 5.50                        | 5.50                       | 3.30                      | 5.00                         | 8.00                           | 8.2                              |
| 6.50                        | 6.50                       | 3.93                      | 5.00                         | 7.70                           | 9.5                              |
| 7.50                        | 7.50                       | 4.57                      | 5.00                         | 6.90                           | 10.3                             |
| 8.50                        | 8.50                       | 5.23                      | 5.00                         | 6.70                           | 11.9                             |

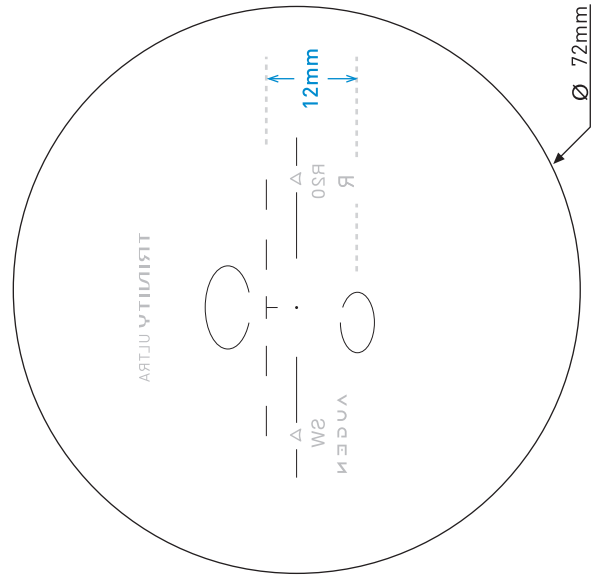
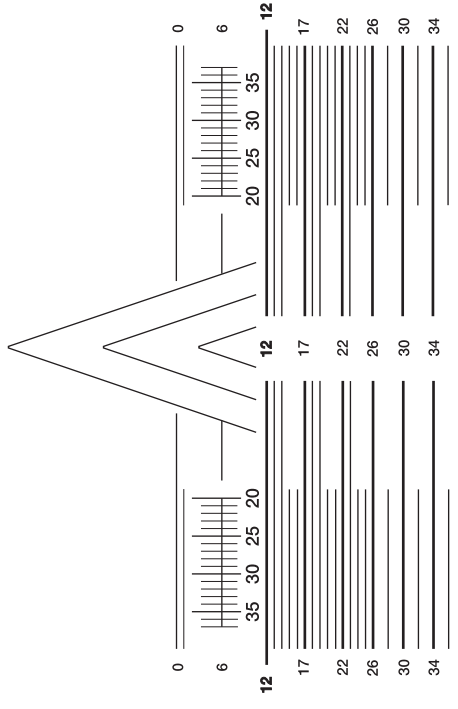
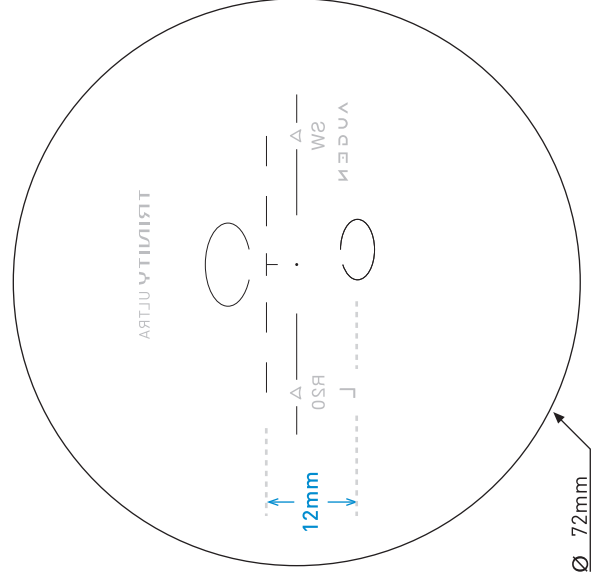
LENS DIAMETER 76mm ± 0.5 mm

\*LENS DIAMETER 72mm ± 0.5 mm

# HD Progressive S.F. Trinity<sup>®</sup> 13/17



# HD Progressive S.F. Trinity<sup>®</sup> 8/12



## Single Vision Finished

|                 |       |       |      |      |      |      |      |      |      | Uncoated |         |      |  |
|-----------------|-------|-------|------|------|------|------|------|------|------|----------|---------|------|--|
|                 |       |       |      |      |      |      |      |      |      | 70 mm    | 68 mm   |      |  |
|                 |       |       |      |      |      |      |      |      |      | -        | +       |      |  |
| (+) S P H E R E | 2.00  |       |      |      |      |      |      |      |      | PL       |         |      |  |
|                 | 1.75  |       |      |      |      |      |      |      |      | 0.25     |         |      |  |
|                 | 1.50  |       |      |      |      |      |      |      |      | 0.50     |         |      |  |
|                 | 1.25  |       |      |      |      |      |      |      |      | 0.75     |         |      |  |
|                 | 1.00  |       |      |      |      |      |      |      |      | 1.00     |         |      |  |
|                 | 0.75  |       |      |      |      |      |      |      |      | 1.25     |         |      |  |
|                 | 0.50  |       |      |      |      |      |      |      |      | 1.50     |         |      |  |
|                 | 0.25  |       |      |      |      |      |      |      |      | 1.75     |         |      |  |
|                 | 68 mm |       | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00     | CYL (-) | 2.00 |  |
| (-) S P H E R E | 70 mm | PL    |      |      |      |      |      |      |      |          | 2.25    |      |  |
|                 |       | -0.25 |      |      |      |      |      |      |      |          | 2.50    |      |  |
|                 |       | -0.50 |      |      |      |      |      |      |      |          | 2.75    |      |  |
|                 |       | -0.75 |      |      |      |      |      |      |      |          | 3.00    |      |  |
|                 |       | -1.00 |      |      |      |      |      |      |      |          |         |      |  |
|                 |       | -1.25 |      |      |      |      |      |      |      |          |         |      |  |
|                 |       | -1.50 |      |      |      |      |      |      |      |          |         |      |  |
|                 |       | -1.75 |      |      |      |      |      |      |      |          |         |      |  |
|                 |       | -2.00 |      |      |      |      |      |      |      |          |         |      |  |
|                 |       |       |      |      |      |      |      |      |      | Uncoated |         |      |  |

## HD Single Vision S.F.

## Aspheric & Double Aspheric

|                 |    | 72 mm Coated                         |      |      |      |      |      |      |      |
|-----------------|----|--------------------------------------|------|------|------|------|------|------|------|
|                 |    | BASE ASPHERIC & DOUBLE ASPHERIC S.V. |      |      |      |      |      |      |      |
|                 |    | 0.75                                 | 2.00 | 3.50 | 4.00 | 5.00 | 6.25 | 7.25 | 8.25 |
| Aspheric        | A  |                                      |      |      |      |      |      |      |      |
| Double Aspheric | AA |                                      |      |      |      |      |      |      |      |

## Single Vision S.F.

| Uncoated 71 mm |      |      |      |      |      |       |
|----------------|------|------|------|------|------|-------|
| BASE           | 0.50 | 2.00 | 4.00 | 6.00 | 8.00 | 10.00 |
|                |      |      |      |      |      |       |

## Flat-Top 28 Finished

|       |      |      |      |      |      |      |      |      |      |               |
|-------|------|------|------|------|------|------|------|------|------|---------------|
|       |      |      |      |      |      |      |      |      |      | Uncoated 74mm |
| 3.00  |      |      |      |      |      |      |      |      |      |               |
| 2.75  |      |      |      |      |      |      |      |      |      |               |
| 2.50  |      |      |      |      |      |      |      |      |      |               |
| 2.25  |      |      |      |      |      |      |      |      |      |               |
| 2.00  |      |      |      |      |      |      |      |      |      |               |
| 1.75  |      |      |      |      |      |      |      |      |      |               |
| 1.50  |      |      |      |      |      |      |      |      |      |               |
| 1.25  |      |      |      |      |      |      |      |      |      |               |
| 1.00  |      |      |      |      |      |      |      |      |      |               |
| 0.75  |      |      |      |      |      |      |      |      |      |               |
| 0.50  |      |      |      |      |      |      |      |      |      |               |
| 0.25  |      |      |      |      |      |      |      |      |      |               |
|       | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | ADD           |
| PL    |      |      |      |      |      |      |      |      |      |               |
| -0.25 |      |      |      |      |      |      |      |      |      |               |
| -0.50 |      |      |      |      |      |      |      |      |      |               |
| -0.75 |      |      |      |      |      |      |      |      |      |               |
| -1.00 |      |      |      |      |      |      |      |      |      |               |
| -1.25 |      |      |      |      |      |      |      |      |      |               |
| -1.50 |      |      |      |      |      |      |      |      |      |               |
| -1.75 |      |      |      |      |      |      |      |      |      |               |
| -2.00 |      |      |      |      |      |      |      |      |      |               |
|       |      |      |      |      |      |      |      |      |      | Uncoated 72mm |

## Flat-Top 28 S.F.

| BASE<br>ADD | FLAT-TOP 28 |      |      |      | 71mm |      |      |      | UNCOATED |      |      |
|-------------|-------------|------|------|------|------|------|------|------|----------|------|------|
|             | 1.00        | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00     | 3.25 | 3.50 |
| 0.50        |             |      |      |      |      |      |      |      |          |      |      |
| 2.00        |             |      |      |      |      |      |      |      |          |      |      |
| 4.00        |             |      |      |      |      |      |      |      |          |      |      |
| 6.00        |             |      |      |      |      |      |      |      |          |      |      |
| 8.00        |             |      |      |      |      |      |      |      |          |      |      |

## HD Progressive S.F. Trinity<sup>®</sup> 13/17

Uncoated

| BASE<br>ADD | PROGRESSIVE TRINITY 13/17 80 mm |      |      |      |      |      |      |      |      |      |      |
|-------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|
|             | 0.75                            | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.50 |
| 2.00        |                                 |      |      |      |      |      |      |      |      |      |      |
| 3.50        |                                 |      |      |      |      |      |      |      |      |      |      |
| 5.00        |                                 |      |      |      |      |      |      |      |      |      |      |
| 6.00        |                                 |      |      |      |      |      |      |      |      |      |      |

\* available coated Ø 76mm

## HD Progressive S.F. Trinity<sup>®</sup> 8/12

Hard Coated

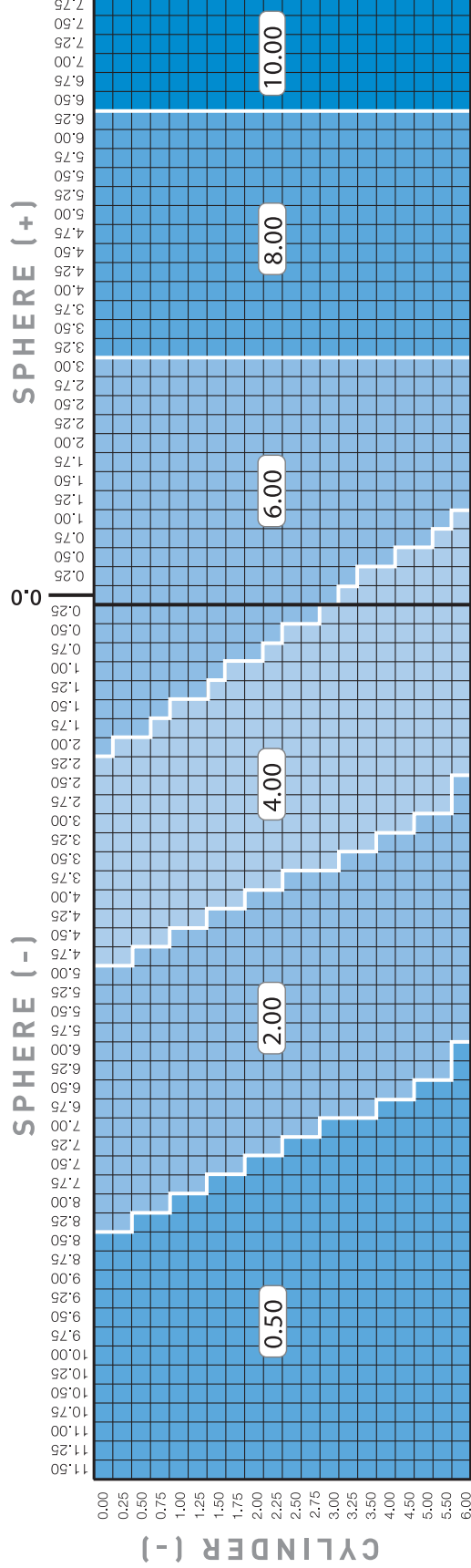
| BASE<br>ADD | PROGRESSIVE TRINITY 8/12 72 mm |      |      |      |      |      |      |      |      |
|-------------|--------------------------------|------|------|------|------|------|------|------|------|
|             | 1.00                           | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 |
| 3.50        |                                |      |      |      |      |      |      |      |      |
| 5.00        |                                |      |      |      |      |      |      |      |      |
| 6.00        |                                |      |      |      |      |      |      |      |      |

# AUGEN 1.0

## Single Vision S.F.

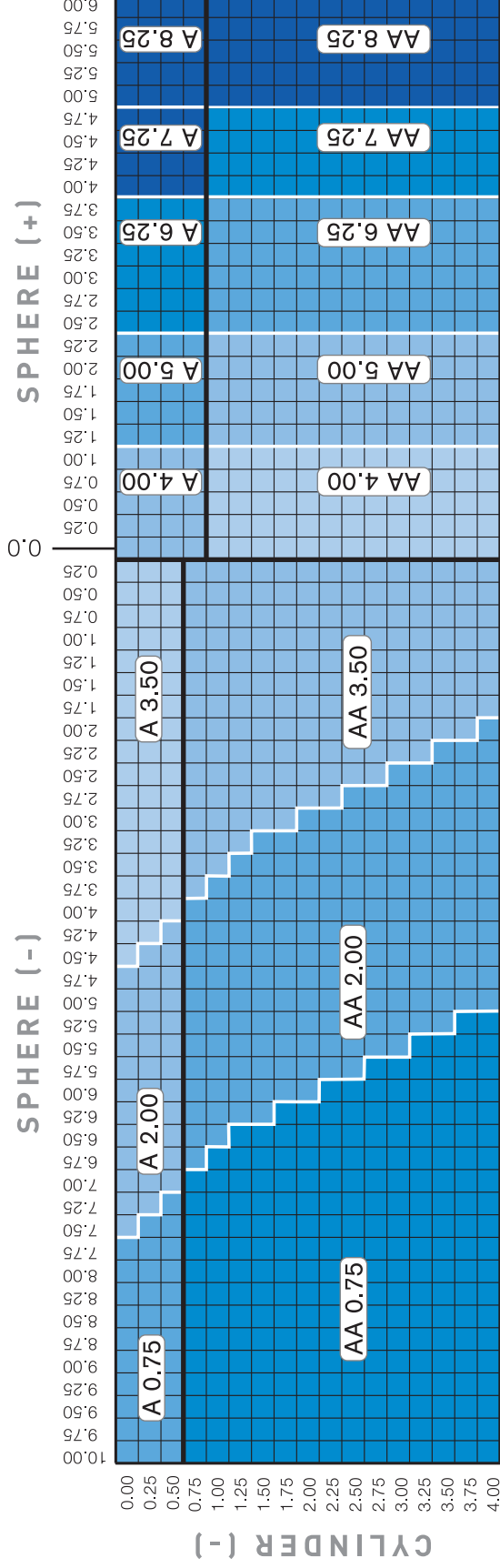
|             |                   |      |      |      |                   |      |      |      |  |
|-------------|-------------------|------|------|------|-------------------|------|------|------|--|
|             | 72 mm Hard Coated |      |      |      | 76 mm Hard Coated |      |      |      |  |
| SPHERE BASE | 0.50              | 2.50 | 3.50 | 4.50 | 5.50              | 6.50 | 7.50 | 8.50 |  |
|             |                   |      |      |      |                   |      |      |      |  |

# Single Vision S.F.



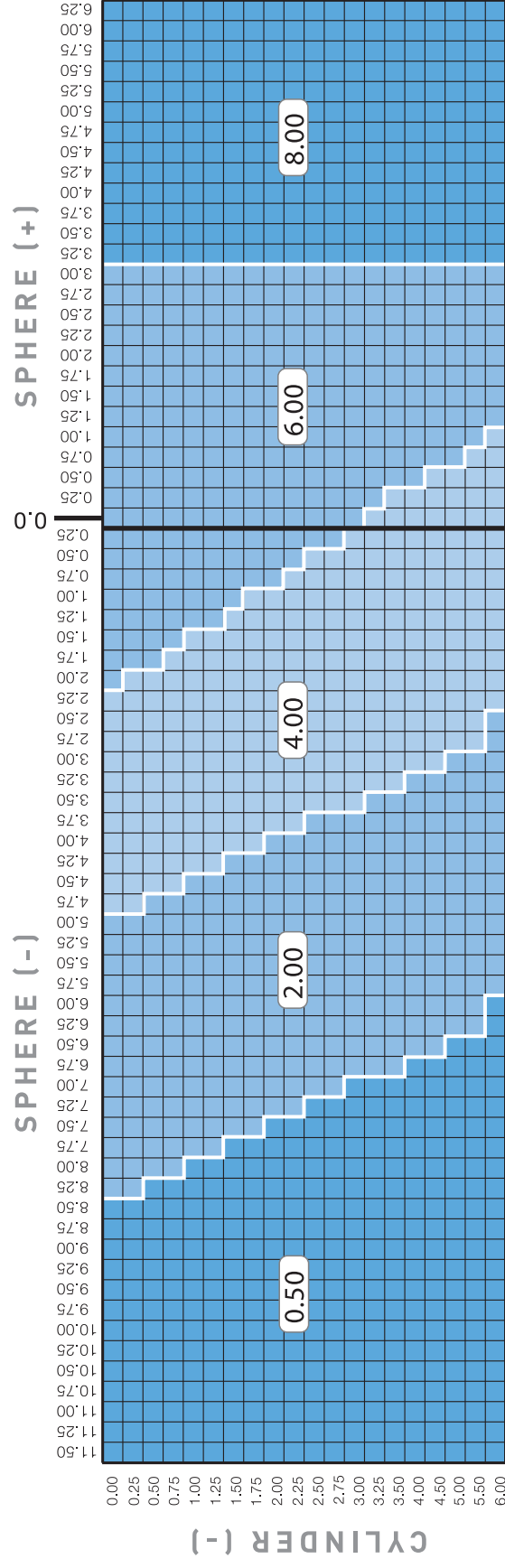
Choose the same base for both eyes. Always toward the center line. UV Filter.

# HD Single Vision S.F. Aspheric & Double Aspheric



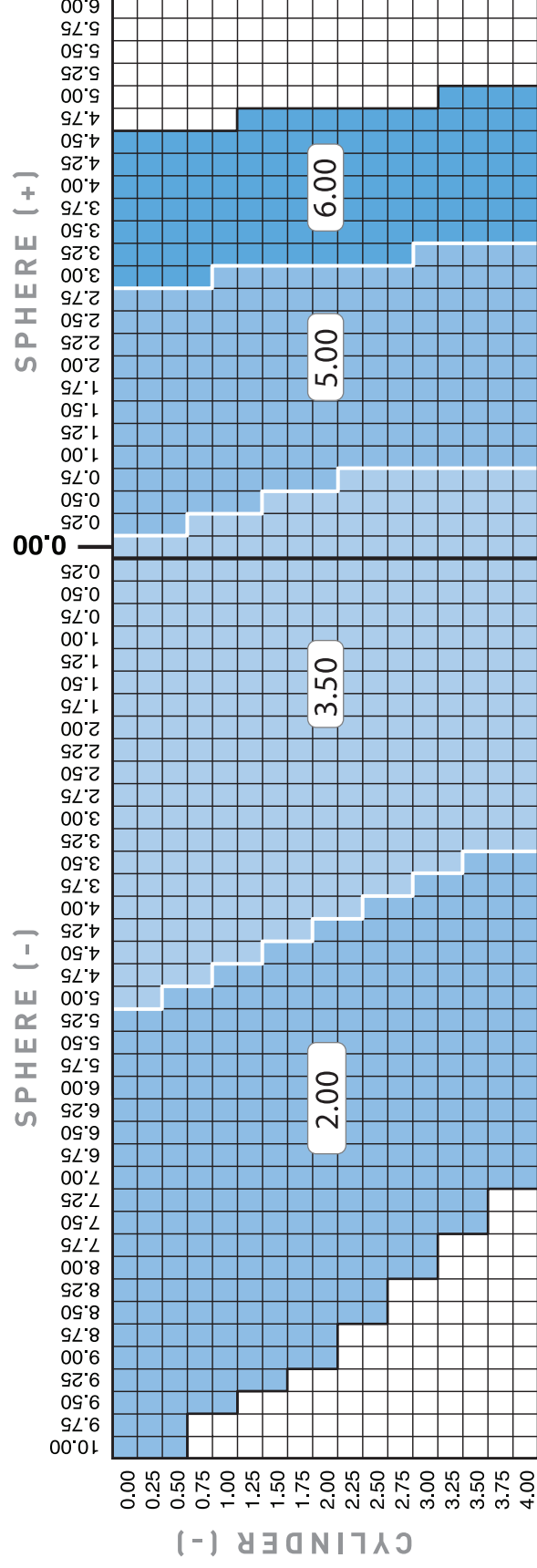
Induced aberrations are less than 0.12 D inside the above table range of vision.  
Choose the same base for both eyes. Always toward the center line. UV Filter.

# Flat-Top 28 S.F.



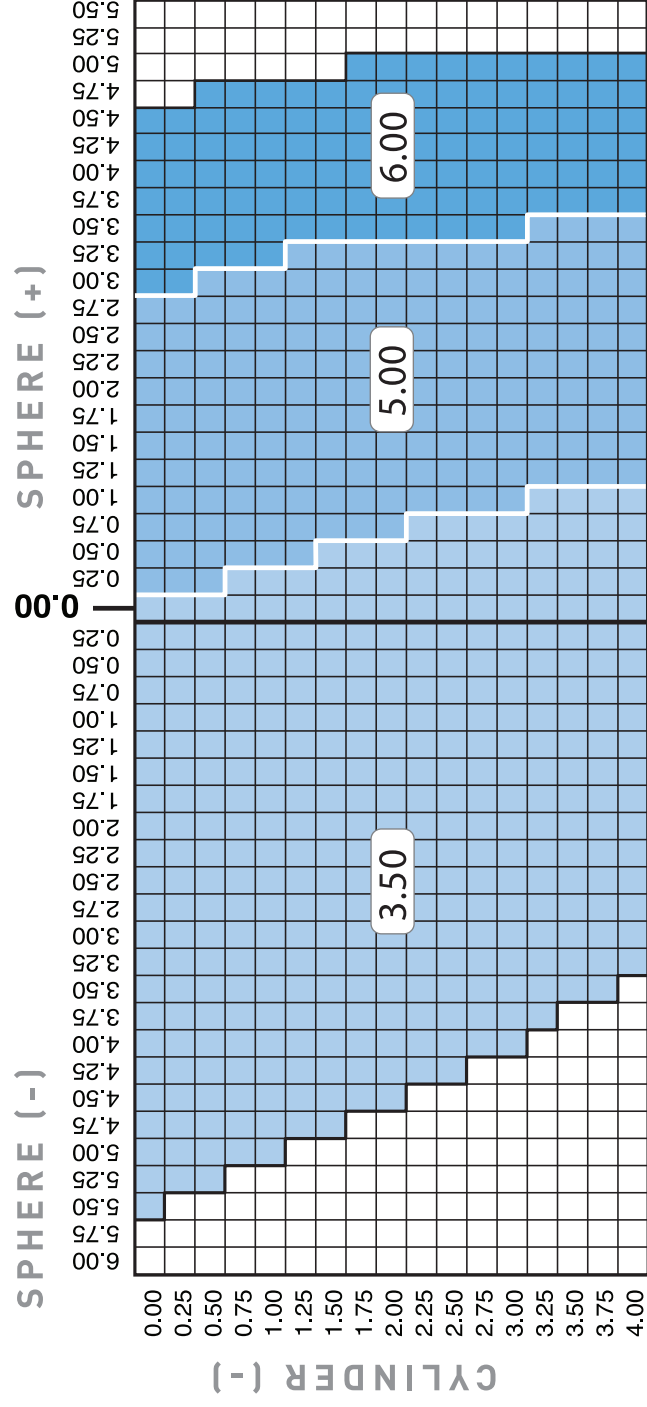
Choose the same base for both eyes. Always toward the center line. UV Filter.

# HD Progressive S.F. Trinity<sup>®</sup> 13/17



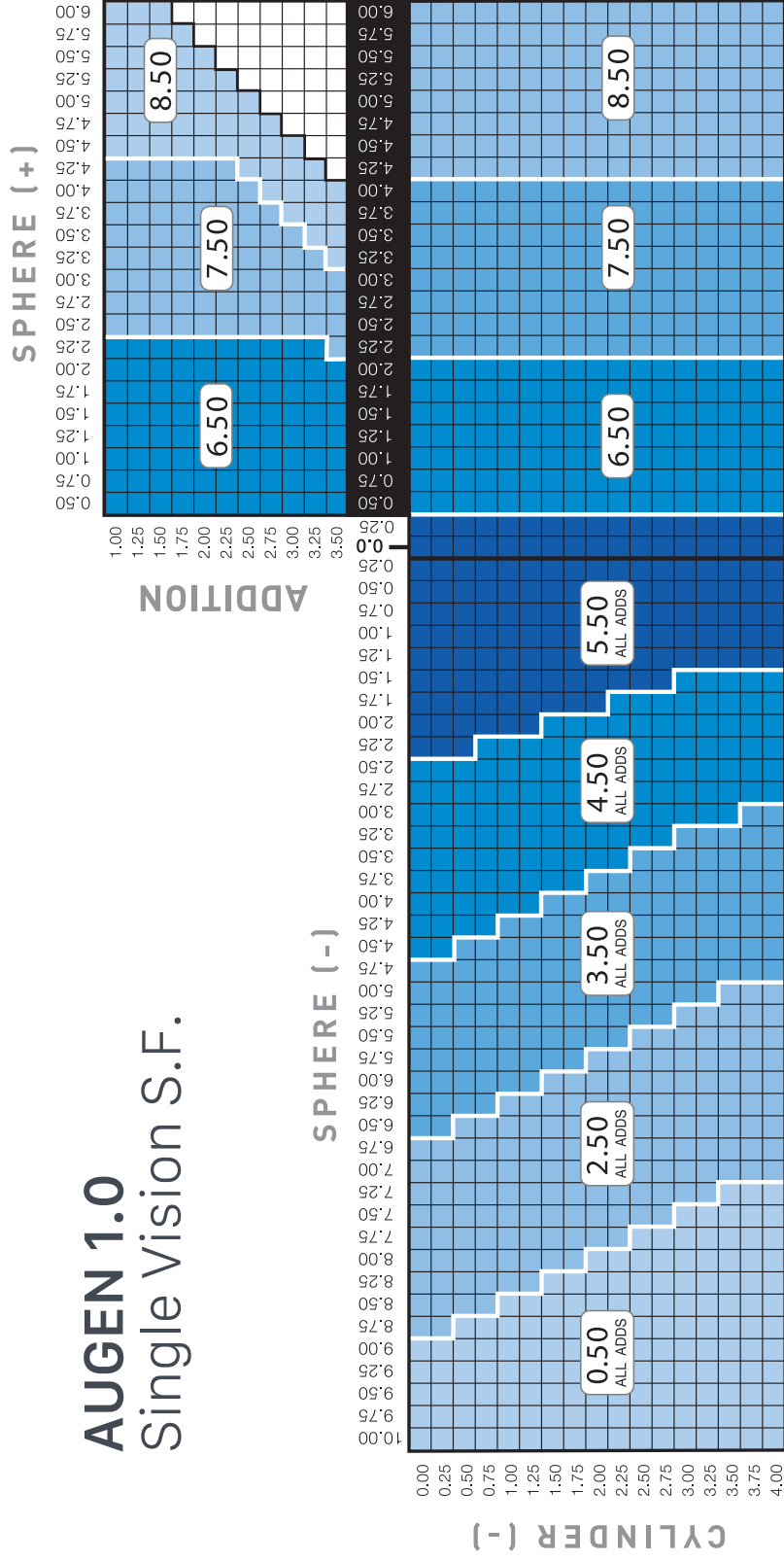
Choose the same base for both eyes. Always toward the center line. UV Filter.

# HD Progressive S.F. Trinity<sup>®</sup> 8/12



Choose the same base for both eyes. Always toward the center line. UV Filter.

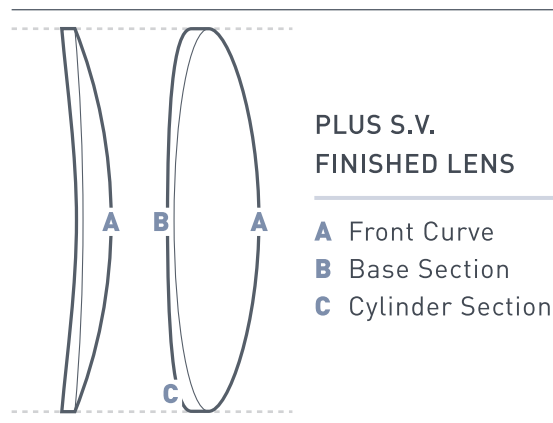
## AUGEN 1.0 Single Vision S.F.



Choose the same base for both eyes. Always toward the center line. UV Filter.

# Single Vision Finished (+) Gray

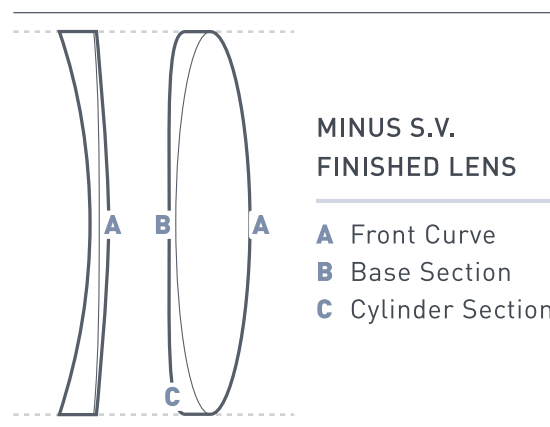
| CHARACTERISTICS   | AUGENSOL          |
|-------------------|-------------------|
| REFRACTIVE INDEX  | 1.50              |
| DISPERSION ABBE   | 56                |
| DENSITY 25°gr/cm3 | 1.17              |
| UV FILTER         | UVA 100%/UVB 100% |



| SPHERE POWER<br>NOMINAL (D) | FRONT CURVE<br>NOMINAL (D) | CYLINDER<br>(-) | THICKNESS NOMINAL<br>CENTER +0.3 -0.2mm | EDGE<br>(mm) | DIAMETER<br>± 0.5mm |
|-----------------------------|----------------------------|-----------------|-----------------------------------------|--------------|---------------------|
| 0.00                        | 4.00                       | 0.25 to 1.00    | 2.20                                    | 2.20         | 70                  |
| +0.25                       | 4.25                       | 0.25 to 1.00    | 2.20                                    | 1.90         | 68                  |
| +0.50                       | 4.50                       | 0.25 to 1.00    | 2.20                                    | 1.60         | 68                  |
| +0.75                       | 4.75                       | 0.25 to 1.00    | 2.50                                    | 1.50         | 68                  |
| +1.00                       | 5.00                       | 0.25 to 1.00    | 2.80                                    | 1.50         | 68                  |
| +1.25                       | 4.90                       | 0.25 to 1.00    | 3.10                                    | 1.50         | 68                  |
| +1.50                       | 5.10                       | 0.25 to 1.00    | 3.40                                    | 1.50         | 68                  |
| +1.75                       | 5.75                       | 0.25 to 1.00    | 3.80                                    | 1.50         | 68                  |
| +2.00                       | 6.00                       | 0.25 to 1.00    | 4.10                                    | 1.50         | 68                  |
| +2.25                       | 6.25                       | N/A             | 4.40                                    | 1.50         | 68                  |
| +2.50                       | 6.50                       | N/A             | 4.70                                    | 1.50         | 68                  |
| +2.75                       | 6.60                       | N/A             | 5.00                                    | 1.50         | 68                  |
| +3.00                       | 6.90                       | N/A             | 5.40                                    | 1.50         | 68                  |
| +3.25                       | 7.10                       | N/A             | 5.70                                    | 1.50         | 68                  |
| +3.50                       | 7.30                       | N/A             | 6.10                                    | 1.50         | 68                  |
| +3.75                       | 7.50                       | N/A             | 6.40                                    | 1.50         | 68                  |
| +4.00                       | 7.75                       | N/A             | 6.70                                    | 1.50         | 68                  |

# Single Vision Finished (-) Gray

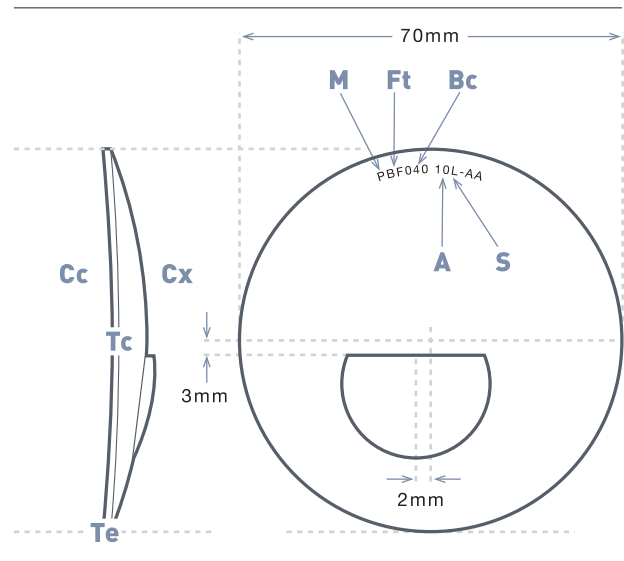
| CHARACTERISTICS   | AUGENSOL          |
|-------------------|-------------------|
| REFRACTIVE INDEX  | 1.50              |
| DISPERSION ABBE   | 56                |
| DENSITY 25°gr/cm3 | 1.17              |
| UV FILTER         | UVA 100%/UVB 100% |



| SPHERE POWER<br>NOMINAL (D) | FRONT CURVE<br>NOMINAL (D) | CYLINDER (-)<br>STEPS 0.25 | THICKNESS NOMINAL<br>CENTER +0.3 -0.2mm | DIAMETER<br>± 0.5mm |
|-----------------------------|----------------------------|----------------------------|-----------------------------------------|---------------------|
| 0.00                        | 4.00                       | 0.25 to 2.00               | 2.20                                    | 70                  |
| -0.25                       | 4.00                       | 0.25 to 2.00               | 2.20                                    | 70                  |
| -0.50                       | 4.00                       | 0.25 to 2.00               | 2.20                                    | 70                  |
| -0.75                       | 3.75                       | 0.25 to 2.00               | 2.20                                    | 70                  |
| -1.00                       | 3.75                       | 0.25 to 2.00               | 2.20                                    | 70                  |
| -1.25                       | 3.75                       | 0.25 to 2.00               | 2.20                                    | 70                  |
| -1.50                       | 3.50                       | 0.25 to 2.00               | 2.20                                    | 70                  |
| -1.75                       | 3.50                       | 0.25 to 2.00               | 2.20                                    | 70                  |
| -2.00                       | 3.50                       | 0.25 to 2.00               | 2.20                                    | 70                  |
| -2.25                       | 3.50                       | N/A                        | 2.20                                    | 69                  |
| -2.50                       | 3.25                       | N/A                        | 2.20                                    | 69                  |
| -2.75                       | 3.25                       | N/A                        | 2.20                                    | 69                  |
| -3.00                       | 3.25                       | N/A                        | 2.20                                    | 69                  |
| -3.25                       | 3.00                       | N/A                        | 2.20                                    | 69                  |
| -3.50                       | 3.00                       | N/A                        | 2.20                                    | 69                  |
| -3.75                       | 2.75                       | N/A                        | 2.20                                    | 69                  |
| -4.00                       | 2.75                       | N/A                        | 2.20                                    | 69                  |
| -4.25                       | 2.50                       | N/A                        | 2.20                                    | 69                  |
| -4.50                       | 2.50                       | N/A                        | 2.20                                    | 69                  |
| -4.75                       | 2.25                       | N/A                        | 2.20                                    | 69                  |
| -5.00                       | 2.00                       | N/A                        | 2.20                                    | 69                  |

# Flat-Top 28 Finished (+) Gray

| CHARACTERISTICS                                                                                | AUGENSOL          |
|------------------------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                               | 1.50              |
| DISPERSION ABBE                                                                                | 56                |
| DENSITY 25°gr/cm3                                                                              | 1.17              |
| UV FILTER                                                                                      | UVA 100%/UVB 100% |
|  <b>AUGEN</b> |                   |



## AUGEN FLAT-TOP 28 FINISHED LENS

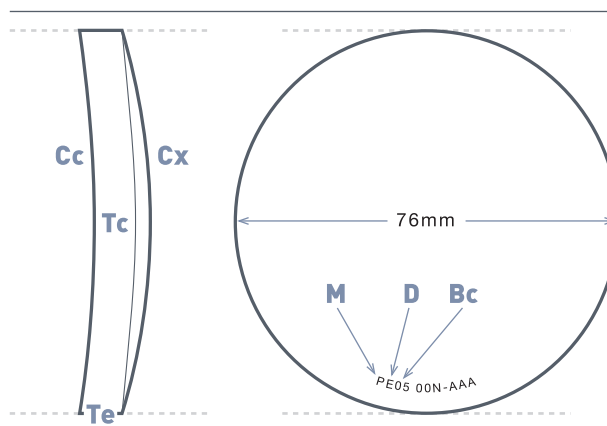
|                            |                       |
|----------------------------|-----------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material     |
| <b>Cx</b> Convex Curve     | <b>Ft</b> Flat-Top 28 |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve  |
| <b>Te</b> Edge Thickness   | <b>A</b> Add          |
|                            | <b>S</b> Side         |

| SPHERE POWER<br>NOMINAL (D) | ADD<br>STEPS 0.25 D | FRONT CURVE<br>NOMINAL (D) | DN SEG / IN SEG<br>(mm) | THICKNESS NOMINAL<br>CENTER +0.3 -0.2mm | EDGE |
|-----------------------------|---------------------|----------------------------|-------------------------|-----------------------------------------|------|
| 0.00                        | 1.00 to 3.00        | 4.00                       | 3.0 / 2.0               | 2.20                                    | 2.20 |
| +0.25                       | 1.00 to 3.00        | 4.00                       | 3.0 / 2.0               | 2.20                                    | 2.00 |
| +0.50                       | 1.00 to 3.00        | 4.00                       | 3.0 / 2.0               | 2.20                                    | 1.70 |
| +0.75                       | 1.00 to 3.00        | 5.00                       | 3.0 / 2.0               | 2.30                                    | 1.50 |
| +1.00                       | 1.00 to 3.00        | 5.00                       | 3.0 / 2.0               | 2.60                                    | 1.50 |
| +1.25                       | 1.00 to 3.00        | 5.00                       | 3.0 / 2.0               | 2.90                                    | 1.50 |
| +1.50                       | 1.00 to 3.00        | 6.00                       | 3.0 / 2.0               | 3.30                                    | 1.50 |
| +1.75                       | 1.00 to 3.00        | 6.00                       | 3.0 / 2.0               | 3.60                                    | 1.50 |
| +2.00                       | 1.00 to 3.00        | 6.00                       | 3.0 / 2.0               | 3.90                                    | 1.50 |

LENS DIAMETER 70mm ± 0.5 mm

# Single Vision S.F. Gray

| CHARACTERISTICS                                                                                | AUGENSOL          |
|------------------------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                               | 1.50              |
| DISPERSION ABBE                                                                                | 56                |
| DENSITY 25°gr/cm3                                                                              | 1.17              |
| UV FILTER                                                                                      | UVA 100%/UVB 100% |
|  <b>AUGEN</b> |                   |



## SPHERIC SINGLE VISION SEMI-FINISHED LENS

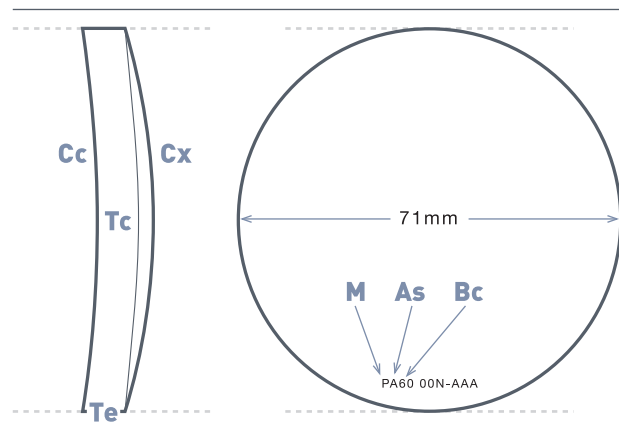
- Cc** Concave Curve
- Cx** Convex Curve
- Tc** Center Thickness
- Te** Edge Thickness
- M** Material
- D** Spheric
- Bc** Base Curve

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE 1.530 | CONVEX CURVE<br>SAG. 50mm | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 mm | CENTER THICKNESS<br>+0.5 -0.3 mm |
|-----------------------------|----------------------------|---------------------------|------------------------------|--------------------------------|----------------------------------|
| 4.25                        | 4.34                       | 2.59                      | 4.00                         | 10.10                          | 10.60                            |
| 5.25                        | 5.27                       | 3.16                      | 6.00                         | 10.00                          | 8.70                             |
| 6.25                        | 6.26                       | 3.77                      | 6.00                         | 8.50                           | 8.70                             |
| 8.25                        | 8.29                       | 5.09                      | 6.00                         | 8.60                           | 12.30                            |

LENS DIAMETER 76mm ± 0.5 mm

# HD S.V. Aspheric S.F. Gray

| CHARACTERISTICS                                                                   | AUGENSOL          |
|-----------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                  | 1.50              |
| DISPERSION ABBE                                                                   | 56                |
| DENSITY 25°gr/cm3                                                                 | 1.17              |
| UV FILTER                                                                         | UVA 100%/UVB 100% |
|  |                   |



## ASPHERIC SINGLE VISION SEMI-FINISHED LENS

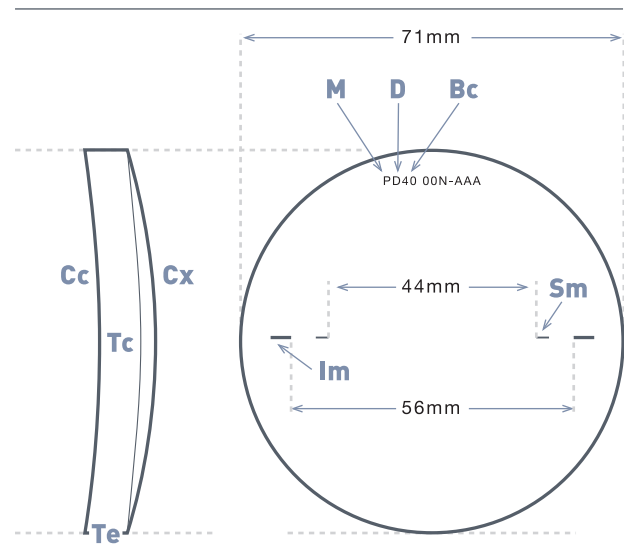
|                            |                      |
|----------------------------|----------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material    |
| <b>Cx</b> Convex Curve     | <b>As</b> Aspheric   |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve |
| <b>Te</b> Edge Thickness   |                      |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE 1.530 | CONVEX CURVE<br>SAG. 50mm | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 mm | CENTER THICKNESS<br>+0.5 -0.3 mm |
|-----------------------------|----------------------------|---------------------------|------------------------------|--------------------------------|----------------------------------|
| 0.75                        | 0.65                       | 0.46                      | 5 ST                         | 13.62                          | 7.70                             |
| 2.00                        | 2.00                       | 1.24                      | 5 ST                         | 12.16                          | 7.90                             |
| 3.50                        | 3.52                       | 2.10                      | 5 ST                         | 11.15                          | 8.80                             |
| 4.00                        | 4.00                       | 2.34                      | 5 ST                         | 9.83                           | 8.10                             |
| 5.00                        | 5.00                       | 2.91                      | 5 ST                         | 8.62                           | 8.20                             |
| 6.25                        | 6.25                       | 3.68                      | 5 ST                         | 7.70                           | 9.00                             |
| 7.25                        | 7.36                       | 4.36                      | 6 ST                         | 6.19                           | 8.00                             |
| 8.25                        | 8.16                       | 4.87                      | 6 ST                         | 6.45                           | 9.50                             |

LENS DIAMETER 71mm ± 0.5 mm

# HD S.V.Double Aspheric S.F. Gray

| CHARACTERISTICS                                                                   | AUGENSOL          |
|-----------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                  | 1.50              |
| DISPERSION ABBE                                                                   | 56                |
| DENSITY 25°gr/cm3                                                                 | 1.17              |
| UV FILTER                                                                         | UVA 100%/UVB 100% |
|  |                   |



## SINGLE VISION DOUBLE ASPHERIC S.F. LENS

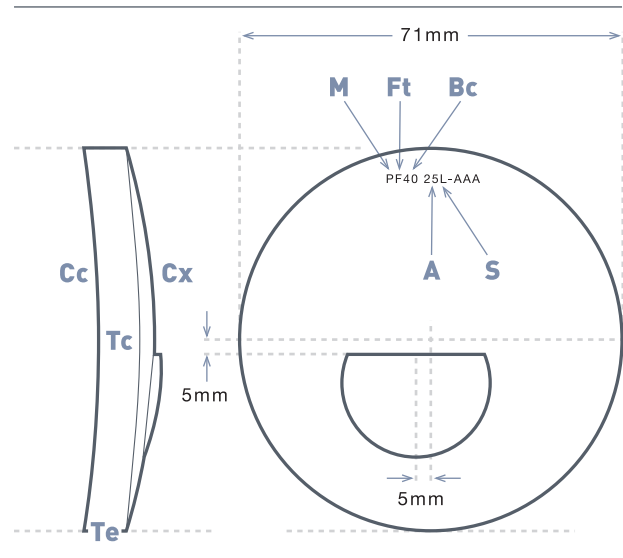
|                            |                                 |
|----------------------------|---------------------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material               |
| <b>Cx</b> Convex Curve     | <b>D</b> Double Aspheric        |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve            |
| <b>Te</b> Edge Thickness   | <b>Im</b> Ink Markings          |
|                            | <b>Sm</b> Semi-visible Markings |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE 1.530 | CONVEX CURVE<br>SAG. 50mm | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 mm | CENTER THICKNESS<br>+0.5 -0.3 mm |
|-----------------------------|----------------------------|---------------------------|------------------------------|--------------------------------|----------------------------------|
| 0.75                        | 0.90                       | 0.60                      | 5 ST                         | 13.52                          | 7.90                             |
| 2.00                        | 2.25                       | 1.36                      | 5 ST                         | 12.25                          | 8.30                             |
| 3.50                        | 3.62                       | 2.13                      | 5 ST                         | 11.22                          | 9.00                             |
| 4.00                        | 4.10                       | 2.40                      | 5 ST                         | 9.80                           | 8.20                             |
| 5.00                        | 5.18                       | 3.04                      | 5 ST                         | 8.48                           | 8.30                             |
| 6.25                        | 6.46                       | 3.80                      | 5 ST                         | 8.20                           | 9.80                             |
| 7.25                        | 7.48                       | 4.43                      | 6 ST                         | 7.21                           | 9.20                             |
| 8.25                        | 8.30                       | 4.94                      | 6 ST                         | 7.32                           | 10.60                            |

LENS DIAMETER 71mm ± 0.5 mm

# Flat-Top 28 S.F. Gray

| CHARACTERISTICS                                                                   | AUGENSOL          |
|-----------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                  | 1.50              |
| DISPERSION ABBE                                                                   | 56                |
| DENSITY 25°gr/cm3                                                                 | 1.17              |
| UV FILTER                                                                         | UVA 100%/UVB 100% |
|  |                   |



## AUGEN FLAT-TOP 28 SEMI FINISHED LENS

|                            |                       |
|----------------------------|-----------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material     |
| <b>Cx</b> Convex Curve     | <b>Ft</b> Flat-Top 28 |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve  |
| <b>Te</b> Edge Thickness   | <b>A</b> Add          |
|                            | <b>S</b> Side         |

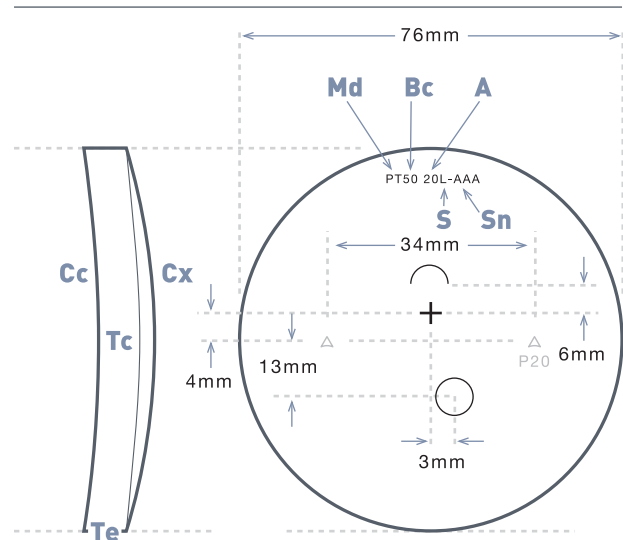
| CONVEX CURVE<br>NOMINAL | CONVEX CURVE<br>TRUE 1.530 | CONVEX CURVE<br>SAG. 50mm | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3mm | CENTER THICKNESS<br>+0.5 -0.3mm |
|-------------------------|----------------------------|---------------------------|------------------------------|-------------------------------|---------------------------------|
| 2.00                    | 2.05                       | 1.18                      | 5 ST                         | 12.50                         | 8.30                            |
| 4.00                    | 4.10                       | 2.44                      | 5 ST                         | 10.50                         | 9.50                            |
| 6.00                    | 6.06                       | 3.65                      | 5 ST                         | 7.50                          | 8.50                            |
| 8.00                    | 8.26                       | 5.07                      | 5 ST                         | 6.50                          | 10.80                           |

LENS DIAMETER 71mm ±0.5 mm

ADDITION: 1.00 to 3.00 IN STEPS 0.25 D.

# HD Progressive S.F. Gray Trinity<sup>®</sup> 13/17

| CHARACTERISTICS   | AUGENSOL          |
|-------------------|-------------------|
| REFRACTIVE INDEX  | 1.50              |
| DISPERSION ABBE   | 56                |
| DENSITY 25°gr/cm3 | 1.17              |
| UV FILTER         | UVA 100%/UVB 100% |



## MINIMUM FITTING HEIGHT 17mm PROGRESSIVE SEMI-FINISHED LENS

|                            |                             |
|----------------------------|-----------------------------|
| <b>Cc</b> Concave Curve    | <b>Md</b> Material & Design |
| <b>Cx</b> Convex Curve     | <b>Bc</b> Base Curve        |
| <b>Tc</b> Center Thickness | <b>A</b> Addition           |
| <b>Te</b> Edge Thickness   | <b>S</b> Side               |
|                            | <b>Sn</b> Serial No.        |

| CONVEX CURVE<br>NOMINAL | CONVEX CURVE<br>TRUE 1.530 | CONVEX CURVE<br>SAG. 50mm | CONCAVE CURVE<br>NOMINAL [-] | EDGE THICKNESS<br>+0.5 -0.3mm | CENTER THICKNESS<br>+0.5 -0.3mm |
|-------------------------|----------------------------|---------------------------|------------------------------|-------------------------------|---------------------------------|
| 3.50                    | 3.48                       | 2.06                      | 6 ST                         | 10.00                         | 7.80                            |
| 5.00                    | 5.00                       | 2.99                      | 6 ST                         | 7.70                          | 7.50                            |
| *6.00                   | 5.82                       | 3.50                      | 5 ST                         | 6.80                          | 9.00                            |

LENS DIAMETER 76 mm ± 0.5 mm

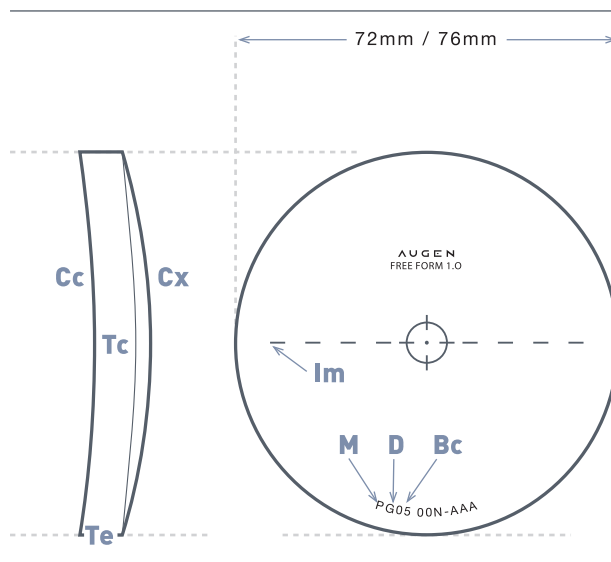
ADDITION: 0.75 to 3.50 IN STEPS 0.25 D.

\* ADDITION: 1.00 to 3.00 IN STEPS 0.25 D.

# AUGEN 1.0

## Single Vision S.F. Gray

| CHARACTERISTICS   | AUGENSOL          |
|-------------------|-------------------|
| REFRACTIVE INDEX  | 1.50              |
| DISPERSION ABBE   | 56                |
| DENSITY 25°gr/cm3 | 1.17              |
| UV FILTER         | UVA 100%/UVB 100% |



Precision Curve **FREE-FORM**  
True Convex Curve +/- 0.02 D

### SINGLE VISION SPHERIC S.F. LENS

|                            |                        |
|----------------------------|------------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material      |
| <b>Cx</b> Convex Curve     | <b>D</b> Spheric       |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve   |
| <b>Te</b> Edge Thickness   | <b>Im</b> Ink Markings |

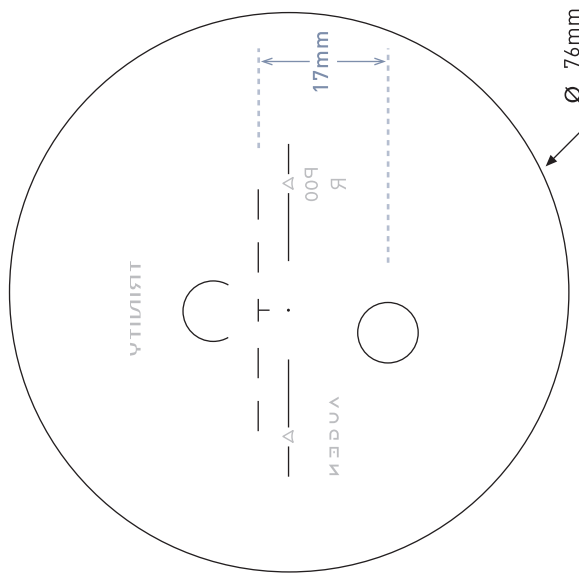
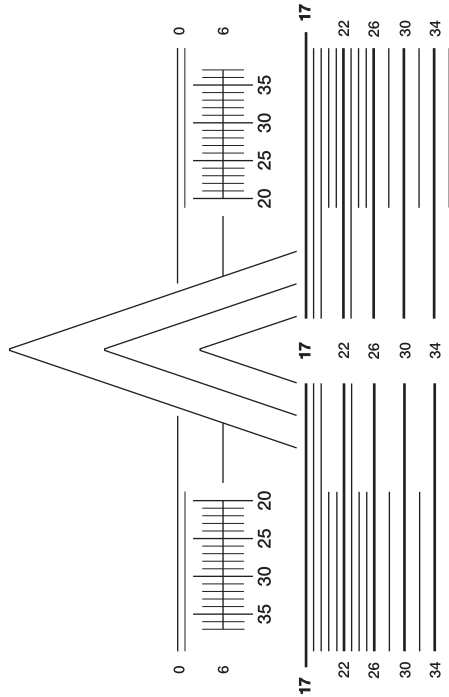
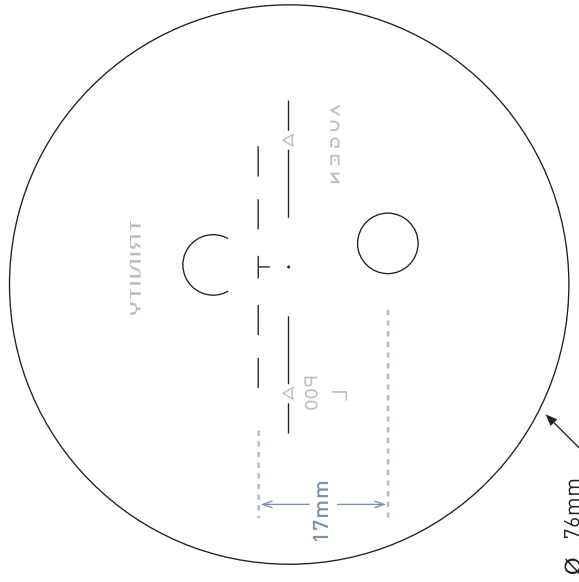
| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE 1.530 | CONVEX CURVE<br>SAG. 50mm | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 mm | CENTER THICKNESS<br>+0.5 -0.3 mm |
|-----------------------------|----------------------------|---------------------------|------------------------------|--------------------------------|----------------------------------|
| *0.50                       | 0.50                       | 0.29                      | 6.00                         | 13.00                          | 5.8                              |
| *2.50                       | 2.50                       | 1.47                      | 6.00                         | 13.50                          | 8.9                              |
| 3.50                        | 3.50                       | 2.07                      | 6.00                         | 12.00                          | 8.0                              |
| 4.50                        | 4.50                       | 2.68                      | 5.00                         | 9.80                           | 8.5                              |
| 5.50                        | 5.50                       | 3.30                      | 5.00                         | 8.00                           | 8.2                              |
| 6.50                        | 6.50                       | 3.93                      | 5.00                         | 7.70                           | 9.5                              |
| 7.50                        | 7.50                       | 4.57                      | 5.00                         | 6.90                           | 10.3                             |
| 8.50                        | 8.50                       | 5.23                      | 5.00                         | 6.70                           | 11.9                             |

LENS DIAMETER 76mm ± 0.5 mm

\*LENS DIAMETER 72mm ± 0.5 mm

\*Also available in **Brown** at manufacturing facility and can be transferred to distribution center upon request.

# HD Progressive S.F. Gray Trinity<sup>®</sup> 13/17



## Single Vision Finished Gray

| 68 mm Hard Coated |       |      |      |      |      |                       |      |      |      | Hard Coated |       |   |
|-------------------|-------|------|------|------|------|-----------------------|------|------|------|-------------|-------|---|
|                   |       |      |      |      |      |                       |      |      |      | 70 mm       | 68 mm |   |
| (+) SPHERE        | 2.00  |      |      |      |      | Available Spring 2011 |      |      |      | PL          | -     | + |
|                   | 1.75  |      |      |      |      |                       |      |      |      | 0.25        |       |   |
|                   | 1.50  |      |      |      |      |                       |      |      |      | 0.50        |       |   |
|                   | 1.25  |      |      |      |      |                       |      |      |      | 0.75        |       |   |
|                   | 1.00  |      |      |      |      |                       |      |      |      | 1.00        |       |   |
|                   | 0.75  |      |      |      |      |                       |      |      |      | 1.25        |       |   |
|                   | 0.50  |      |      |      |      |                       |      |      |      | 1.50        |       |   |
|                   | 0.25  |      |      |      |      |                       |      |      |      | 1.75        |       |   |
| CYL (-)           |       | 0.25 | 0.50 | 0.75 | 1.00 | 1.25                  | 1.50 | 1.75 | 2.00 | 2.00        |       |   |
|                   | PL    |      |      |      |      |                       |      |      |      | 2.25        |       |   |
|                   | -0.25 |      |      |      |      |                       |      |      |      | 2.50        |       |   |
|                   | -0.50 |      |      |      |      |                       |      |      |      | 2.75        |       |   |
|                   | -0.75 |      |      |      |      |                       |      |      |      | 3.00        |       |   |
|                   | -1.00 |      |      |      |      |                       |      |      |      | 3.25        |       |   |
|                   | -1.25 |      |      |      |      |                       |      |      |      | 3.50        |       |   |
|                   | -1.50 |      |      |      |      |                       |      |      |      | 3.75        |       |   |
|                   | -1.75 |      |      |      |      |                       |      |      |      | 4.00        |       |   |
|                   | -2.00 |      |      |      |      |                       |      |      |      | 4.25        |       |   |
| 70 mm Hard Coated |       |      |      |      |      |                       |      |      |      | 4.50        |       |   |
|                   |       |      |      |      |      |                       |      |      |      | 4.75        |       |   |
|                   |       |      |      |      |      |                       |      |      |      | 5.00        |       |   |

## Single Vision S.F. Gray

| 76 mm Hard Coated |      |      |      |      |
|-------------------|------|------|------|------|
| SPHERE BASE       | 4.25 | 5.25 | 6.25 | 8.25 |
|                   |      |      |      |      |

## Flat-Top 28 Finished Gray

70 mm Hard Coated

| BASE | ADDITION |      |      |      |      |      |      |      |      |
|------|----------|------|------|------|------|------|------|------|------|
|      | 1.00     | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 |
| PL   |          |      |      |      |      |      |      |      |      |
| 0.25 |          |      |      |      |      |      |      |      |      |
| 0.50 |          |      |      |      |      |      |      |      |      |
| 0.75 |          |      |      |      |      |      |      |      |      |
| 1.00 |          |      |      |      |      |      |      |      |      |
| 1.25 |          |      |      |      |      |      |      |      |      |
| 1.50 |          |      |      |      |      |      |      |      |      |
| 1.75 |          |      |      |      |      |      |      |      |      |
| 2.00 |          |      |      |      |      |      |      |      |      |

## HD Single Vision S.F. Gray

Aspheric &amp; Double Aspheric

71 mm Hard Coated

|                 |    | BASE |      |      |      |      |      |      |      |
|-----------------|----|------|------|------|------|------|------|------|------|
|                 |    | 0.75 | 2.00 | 3.50 | 4.00 | 5.00 | 6.25 | 7.25 | 8.25 |
| Aspheric        | A  |      |      |      |      |      |      |      |      |
| Double Aspheric | AA |      |      |      |      |      |      |      |      |

## Flat-Top 28 S.F. Gray

71 mm Hard Coated

| BASE | ADDITION |      |      |      |      |      |      |      |      |
|------|----------|------|------|------|------|------|------|------|------|
|      | 1.00     | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 |
| 2.00 |          |      |      |      |      |      |      |      |      |
| 4.00 |          |      |      |      |      |      |      |      |      |
| 6.00 |          |      |      |      |      |      |      |      |      |
| 8.00 |          |      |      |      |      |      |      |      |      |

## HD Progressive S.F. Gray Trinity® 13/17

76 mm Hard Coated

| BASE | ADDITION |      |      |      |      |      |      |      |      |      |      |      |
|------|----------|------|------|------|------|------|------|------|------|------|------|------|
|      | 0.75     | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 |
| 3.50 |          |      |      |      |      |      |      |      |      |      |      |      |
| 5.00 |          |      |      |      |      |      |      |      |      |      |      |      |
| 6.00 |          |      |      |      |      |      |      |      |      |      |      |      |

## AUGEN 1.0 Single Vision S.F. Gray

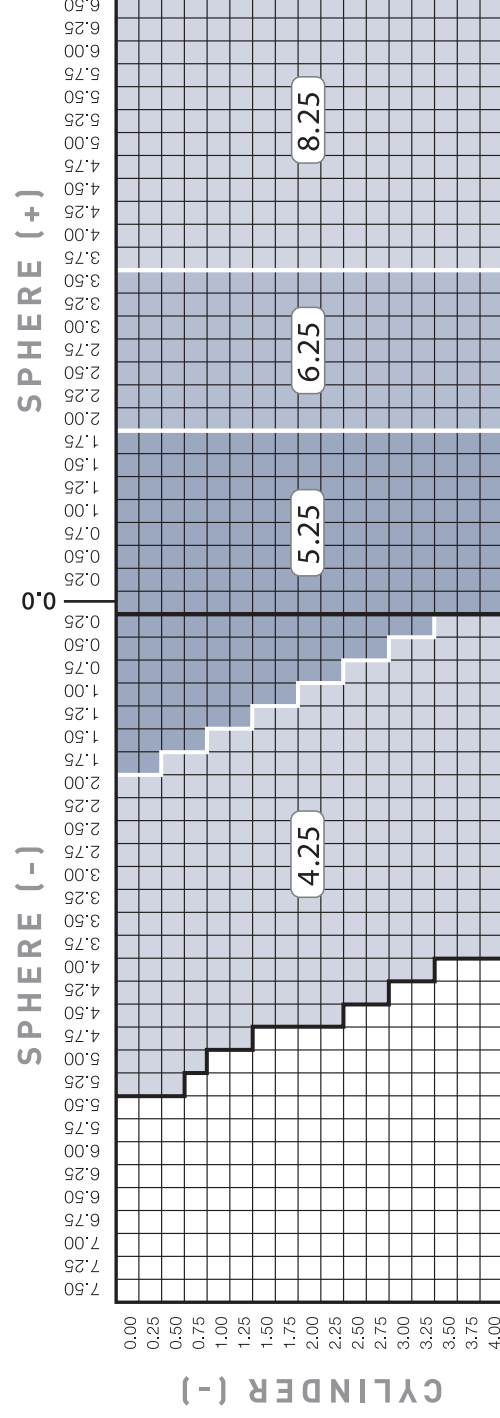
72 mm Hard Coated

76 mm Hard Coated

| SPHERE BASE | 0.50 | 2.50 | 3.50 | 4.50 | 5.50 | 6.50 | 7.50 | 8.50 |
|-------------|------|------|------|------|------|------|------|------|
|             |      |      |      |      |      |      |      |      |

\*Also available in **Brown** at manufacturing facility and can be transferred to distribution center upon request.

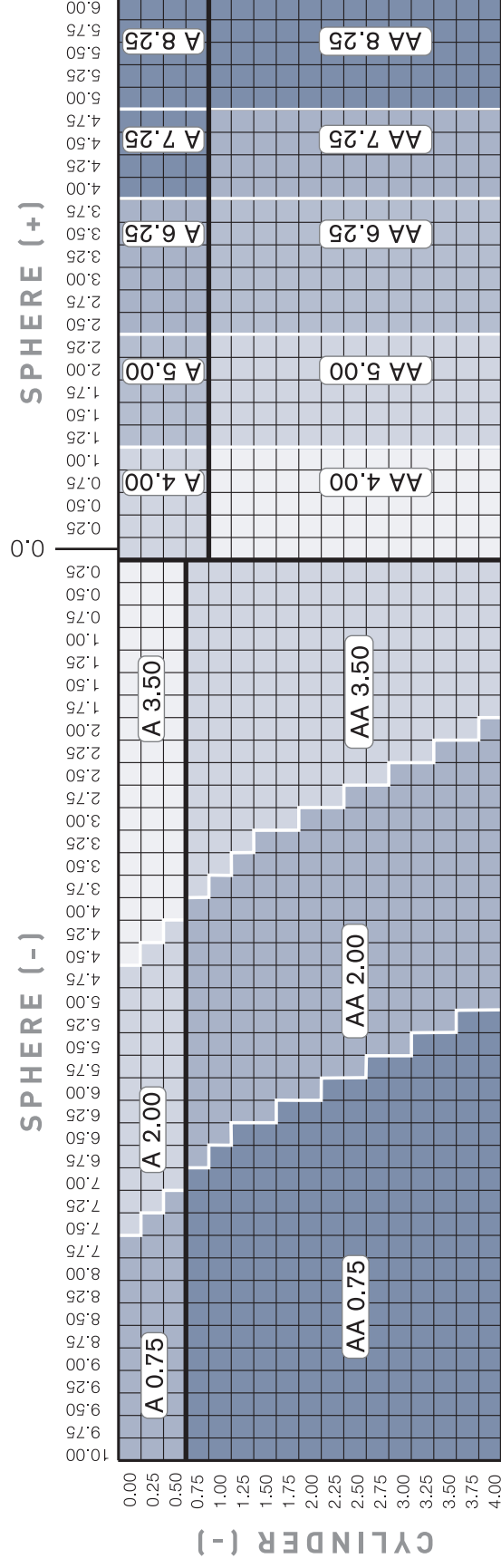
## Single Vision S.F.



Choose the same base for both eyes. Always toward the center line. UV Filter.

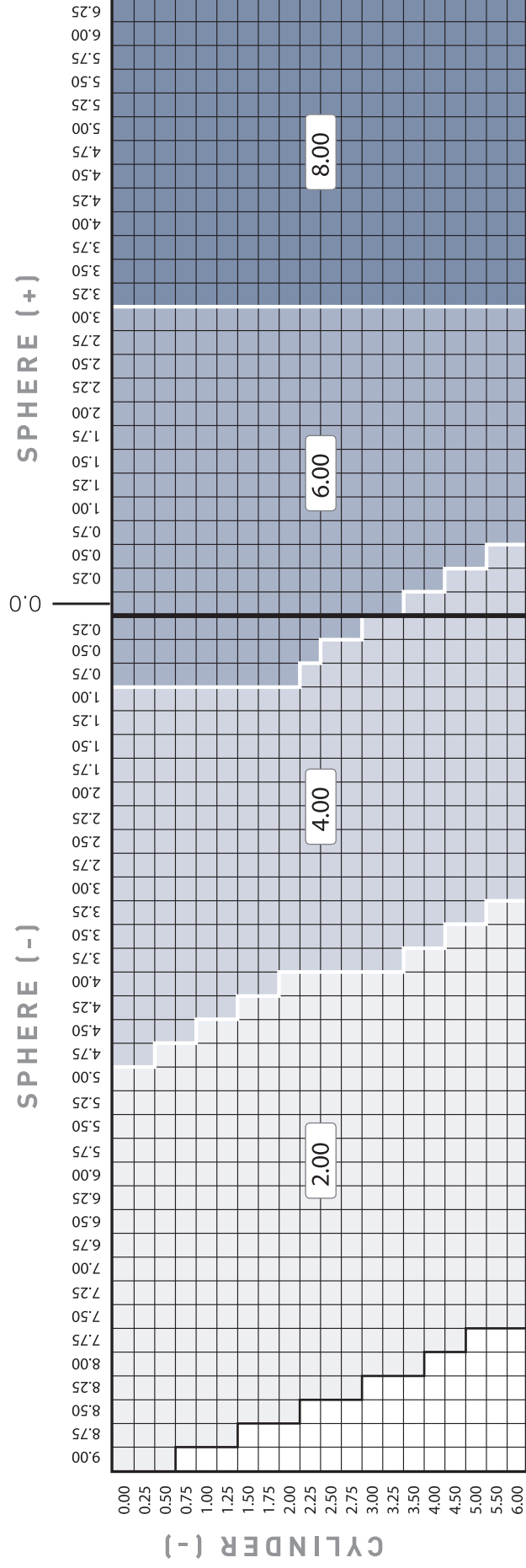
## HD Single Vision S.F. Gray

Aspheric (A) & Double Aspheric (AA)



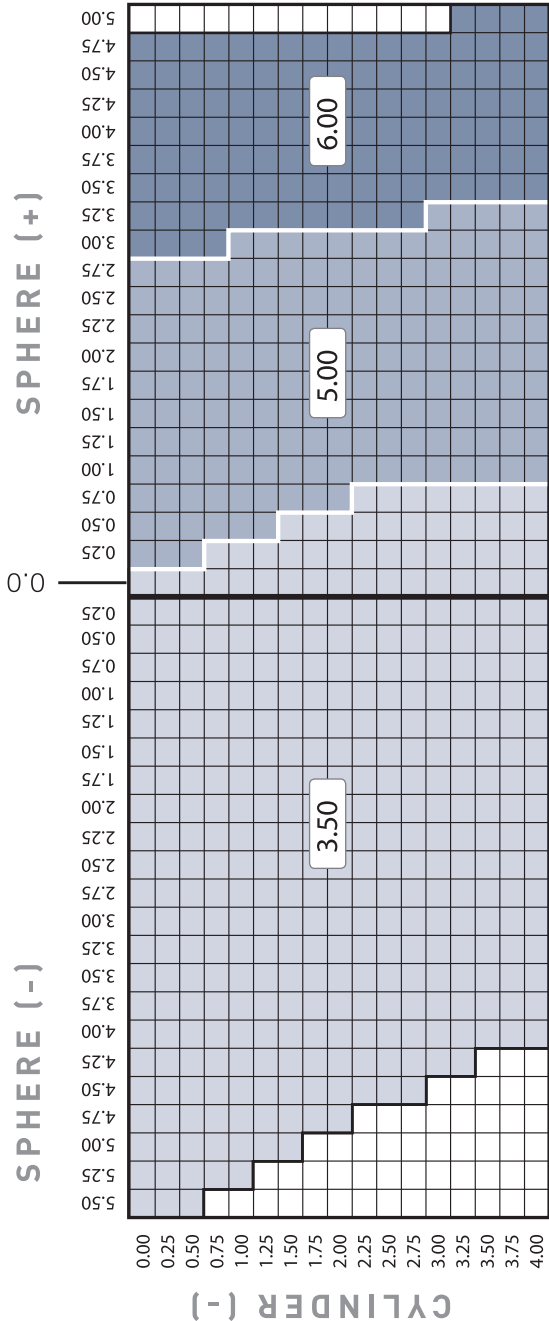
Bases are designed to have less than 0.12 D of induced aberration in all of the above Rx's.  
Choose the same base for both eyes, always toward the center line.

## Flat-Top 28 S.F. Gray



Choose the same base for both eyes, always toward the center line.

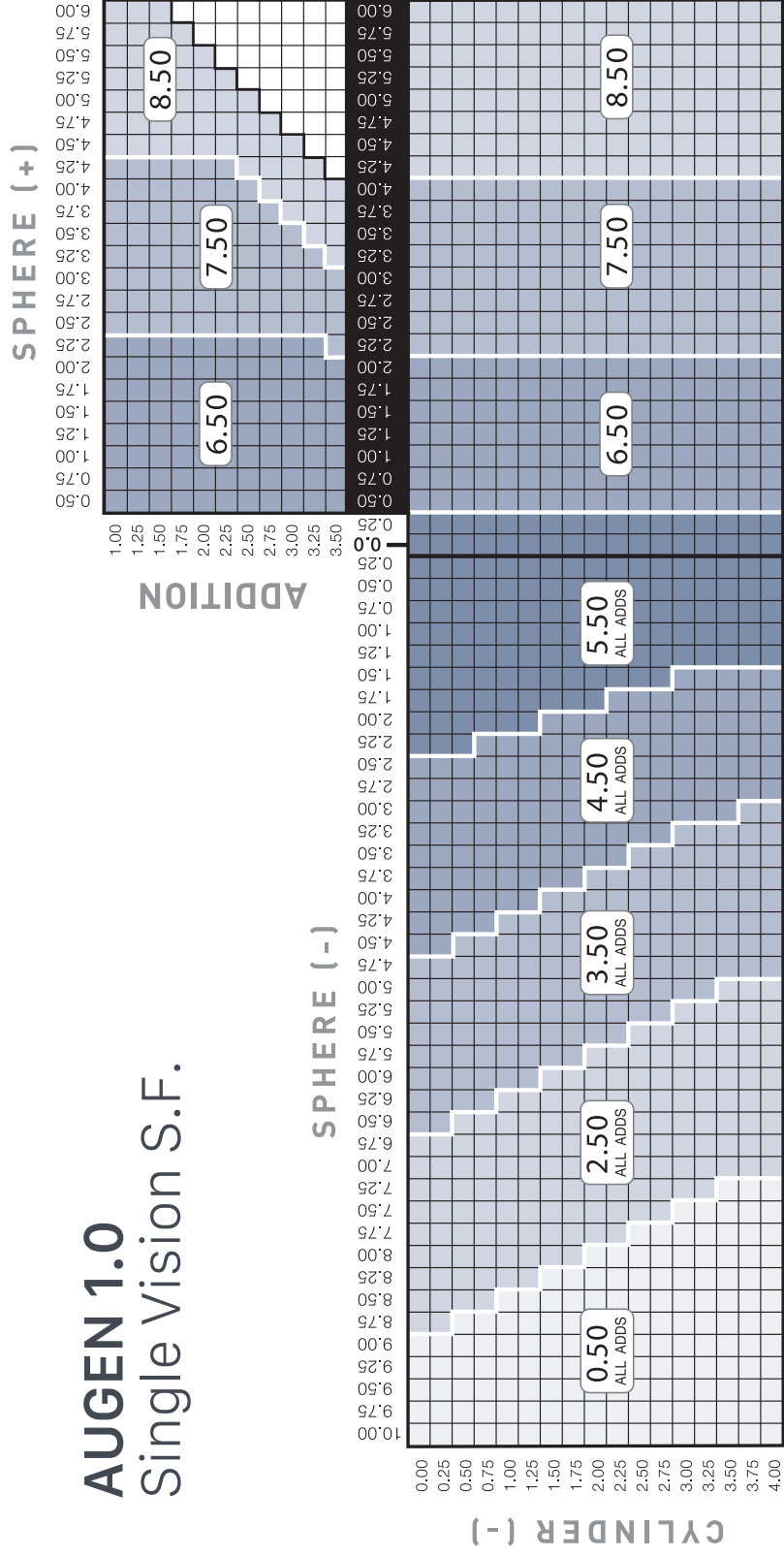
HD Progressive S.F. Gray  
Trinity<sup>®</sup> 13/17



Choose the same base for both eyes, always toward the center line.

# AUGEN 1.0

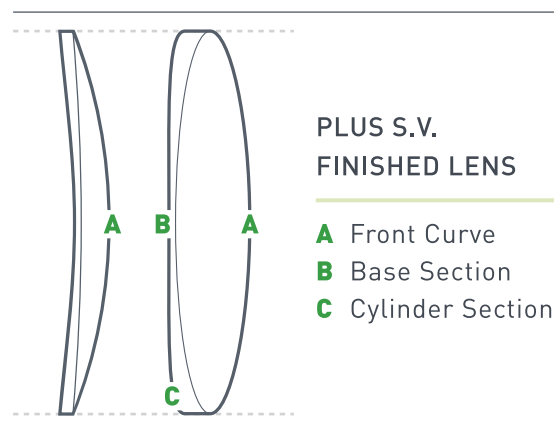
Single Vision S.F.



Choose the same base for both eyes. Always toward the center line. UV Filter.

## Single Vision Finished (+)

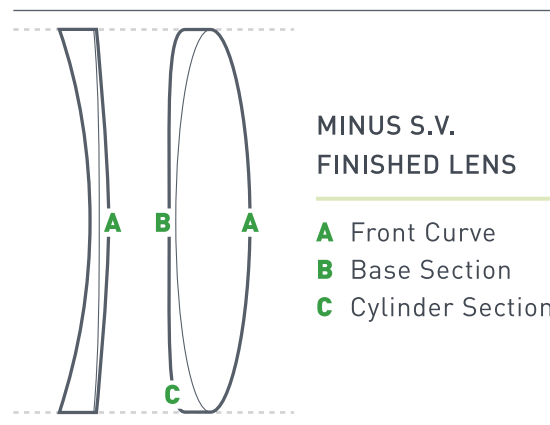
| CHARACTERISTICS                                                                                | TRIVEX®           |
|------------------------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                               | 1.530             |
| DISPERSION ABBE                                                                                | 45                |
| DENSITY 25°gr/cm3                                                                              | 1.11              |
| UV FILTER                                                                                      | UVA 100%/UVB 100% |
|  <b>AUGEN</b> |                   |



| SPHERE POWER<br>NOMINAL (D) | CYLINDER<br>(-) | FRONT CURVE<br>NOMINAL (D) | THICKNESS NOMINAL<br>CENTER $\pm 0.3\text{mm}$ | EDGE<br>(mm) | DIAMETER (mm)<br>$\pm 0.50$ |
|-----------------------------|-----------------|----------------------------|------------------------------------------------|--------------|-----------------------------|
| 0.00                        | 0.00 to 0.00    | 4.00                       | 1.80                                           | 1.80         | 65.0                        |
| +0.25                       | 0.00 to -2.00   | 4.25                       | 1.80                                           | 1.70         | 65.0                        |
| +0.50                       | 0.00 to -2.00   | 4.50                       | 2.04                                           | 1.56         | 65.0                        |
| +0.75                       | 0.00 to 2.00    | 4.75                       | 1.85                                           | 1.70         | 65.0                        |
| +1.00                       | 0.00 to -2.00   | 4.50                       | 2.10                                           | 1.10         | 65.0                        |
| +1.25                       | 0.00 to 2.00    | 4.75                       | 2.20                                           | 1.10         | 65.0                        |
| +1.50                       | 0.00 to -2.00   | 5.00                       | 2.55                                           | 1.10         | 65.0                        |
| +1.75                       | 0.00 to -2.00   | 5.25                       | 2.70                                           | 1.10         | 65.0                        |
| +2.00                       | 0.00 to 2.00    | 5.00                       | 3.29                                           | 1.10         | 65.0                        |
| +2.25                       | 0.00 to -2.00   | 5.25                       | 3.36                                           | 1.10         | 65.0                        |
| +2.50                       | 0.00 to -2.00   | 5.50                       | 3.62                                           | 1.10         | 65.0                        |
| +2.75                       | 0.00 to -2.00   | 5.75                       | 3.84                                           | 1.10         | 65.0                        |
| +3.00                       | 0.00 to 2.00    | 6.00                       | 4.11                                           | 1.10         | 65.0                        |
| +3.25                       | 0.00 to -2.00   | 6.25                       | 4.40                                           | 1.10         | 65.0                        |
| +3.50                       | 0.00 to 2.00    | 6.50                       | 4.60                                           | 1.10         | 65.0                        |
| +3.75                       | 0.00 to -2.00   | 6.75                       | 4.90                                           | 1.10         | 65.0                        |
| +4.00                       | 0.00 to 2.00    | 6.75                       | 4.81                                           | 1.10         | 65.0                        |
| +4.25                       | 0.00 to -2.00   | 6.50                       | 5.55                                           | 1.10         | 65.0                        |
| +4.50                       | 0.00 to -2.00   | 6.75                       | 5.73                                           | 1.10         | 65.0                        |
| +4.75                       | 0.00 to 2.00    | 7.00                       | 5.97                                           | 1.10         | 65.0                        |
| +5.00                       | 0.00 to 2.00    | 7.25                       | 6.25                                           | 1.10         | 65.0                        |
| +5.25                       | 0.00 to 2.00    | 7.50                       | 6.49                                           | 1.10         | 65.0                        |
| +5.50                       | 0.00 to 2.00    | 7.75                       | 6.76                                           | 1.10         | 65.0                        |
| +5.75                       | 0.00 to -2.00   | 7.75                       | 6.98                                           | 1.10         | 65.0                        |
| +6.00                       | 0.00 to -2.00   | 8.00                       | 7.26                                           | 1.10         | 65.0                        |

# HD Single Vision Finished (-)

| CHARACTERISTICS   | TRIVEX®           |
|-------------------|-------------------|
| REFRACTIVE INDEX  | 1.530             |
| DISPERSION ABBE   | 45                |
| DENSITY 25°gr/cm3 | 1.11              |
| UV FILTER         | UVA 100%/UVB 100% |



| ASPHERIC POWER<br>NOMINAL (D) | FRONT CURVE<br>NOMINAL (D) | CYLINDER (-)<br>STEPS 0.25 | CENTER THICKNESS<br>NOMINAL(mm) +0.2 -0.1 | DIAMETER (mm)<br>± 0.50 |
|-------------------------------|----------------------------|----------------------------|-------------------------------------------|-------------------------|
| 0.00                          | 4.00                       | 0.0 to 3.00                | 1.80                                      | 71                      |
| -0.25                         | 3.50                       | 0.0 to 3.00                | 1.80                                      | 71                      |
| -0.50                         | 3.50                       | 0.0 to 3.00                | 1.80                                      | 71                      |
| -0.75                         | 3.50                       | 0.0 to 3.00                | 1.80                                      | 71                      |
| -1.00                         | 3.50                       | 0.0 to 3.00                | 1.80                                      | 71                      |
| -1.25                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -1.50                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -1.75                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -2.00                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -2.25                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -2.50                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -2.75                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -3.00                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -3.25                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -3.50                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -3.75                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -4.00                         | 3.50                       | 0.0 to 3.00                | 1.50                                      | 71                      |
| -4.25                         | 3.50                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -4.50                         | 3.50                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -4.75                         | 3.50                       | 0.0 to 0.50                | 1.50                                      | 71                      |

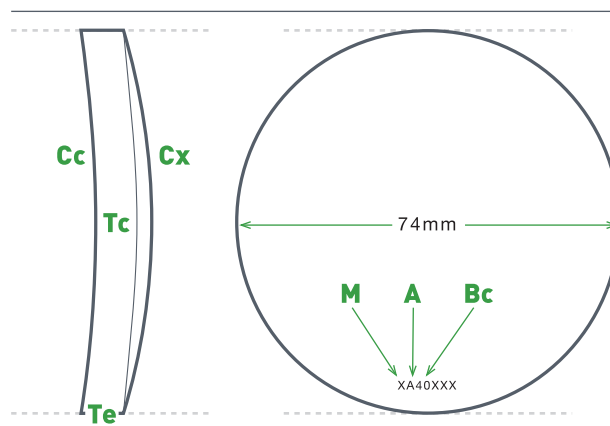
Continues in next page

## HD Single Vision Finished (-)

| ASPHERIC POWER<br>NOMINAL (D) | FRONT CURVE<br>NOMINAL (D) | CYLINDER (-)<br>STEPS 0.25 | CENTER THICKNESS<br>NOMINAL(mm) +0.2 -0.1 | DIAMETER (mm)<br>± 0.50 |
|-------------------------------|----------------------------|----------------------------|-------------------------------------------|-------------------------|
| -5.00                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -5.25                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -5.50                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -5.75                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -6.00                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -6.25                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -6.50                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -6.75                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -7.00                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -7.25                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -7.50                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -7.75                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |
| -8.00                         | 2.00                       | 0.0 to 0.50                | 1.50                                      | 71                      |

# HD S.V. Aspheric S.F.

| CHARACTERISTICS                                                                                | TRIVEX®           |
|------------------------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                               | 1.530             |
| DISPERSION ABBE                                                                                | 45                |
| DENSITY 25°gr/cm3                                                                              | 1.11              |
| UV FILTER                                                                                      | UVA 100%/UVB 100% |
|  <b>AUGEN</b> |                   |



## SINGLE VISION ASPHERIC SEMI-FINISHED LENS

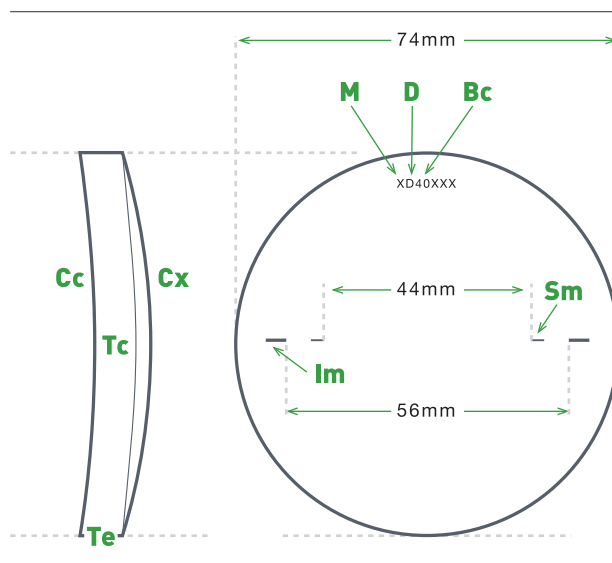
- Cc** Concave Curve
- Cx** Convex Curve
- Tc** Center Thickness
- Te** Edge Thickness
- M** Material
- A** Aspheric
- Bc** Base Curve

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | CONCAVE CURVE<br>TRUE (1.530) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|----------------------------------|------------------------------------|
| 0.75                        | 0.65                         | 0.46                        | 6.00                         | 6.12                          | 14.00                            | 6.50                               |
| 2.00                        | 2.00                         | 1.24                        | 5.00                         | 5.31                          | 10.80                            | 6.40                               |
| 3.50                        | 3.52                         | 2.10                        | 5.00                         | 5.31                          | 9.10                             | 6.50                               |
| 4.00                        | 4.00                         | 2.34                        | 5.00                         | 5.31                          | 9.20                             | 7.50                               |
| 5.00                        | 5.00                         | 2.91                        | 5.00                         | 5.31                          | 7.00                             | 6.50                               |
| 6.25                        | 6.25                         | 3.68                        | 5.00                         | 5.31                          | 6.50                             | 7.30                               |
| 7.25                        | 7.36                         | 4.36                        | 6.00                         | 6.12                          | 5.50                             | 6.80                               |
| 8.25                        | 8.16                         | 4.87                        | 6.00                         | 6.12                          | 5.20                             | 7.50                               |

LENS DIAMETER 74mm ± 0.5 mm

# HD S.V.Double Aspheric S.F.

| CHARACTERISTICS                                                                                | TRIVEX®           |
|------------------------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                               | 1.530             |
| DISPERSION ABBE                                                                                | 45                |
| DENSITY 25°gr/cm3                                                                              | 1.11              |
| UV FILTER                                                                                      | UVA 100%/UVB 100% |
|  <b>AUGEN</b> |                   |



## SINGLE VISION DOUBLE ASPHERIC S.F. LENS

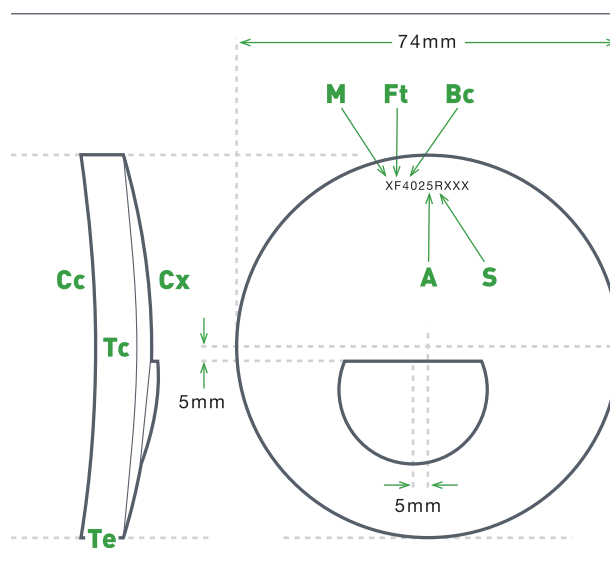
- Cc** Concave Curve
- Cx** Convex Curve
- Tc** Center Thickness
- Te** Edge Thickness
- M** Material
- D** Double Aspheric
- Bc** Base Curve
- Im** Ink Markings
- Sm** Semi-visible Markings

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | CONCAVE CURVE<br>TRUE (1.530) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|----------------------------------|------------------------------------|
| 0.75                        | 0.90                         | 0.60                        | 6.00                         | 6.12                          | 14.00                            | 6.80                               |
| 2.00                        | 2.25                         | 1.36                        | 5.00                         | 5.31                          | 11.00                            | 6.60                               |
| 3.50                        | 3.62                         | 2.13                        | 5.00                         | 5.31                          | 9.50                             | 7.00                               |
| 4.00                        | 4.10                         | 2.40                        | 5.00                         | 5.31                          | 8.20                             | 6.00                               |
| 5.00                        | 5.18                         | 3.04                        | 5.00                         | 5.31                          | 7.00                             | 6.50                               |
| 6.25                        | 6.46                         | 3.80                        | 5.00                         | 5.31                          | 6.30                             | 7.50                               |
| 7.25                        | 7.48                         | 4.43                        | 6.00                         | 6.12                          | 5.30                             | 7.00                               |
| 8.25                        | 8.30                         | 4.94                        | 6.00                         | 6.12                          | 5.00                             | 7.50                               |

LENS DIAMETER 74mm ± 0.5 mm

# Flat-Top 28 S.F.

| CHARACTERISTICS   | TRIVEX®           |
|-------------------|-------------------|
| REFRACTIVE INDEX  | 1.530             |
| DISPERSION ABBE   | 45                |
| DENSITY 25°gr/cm3 | 1.11              |
| UV FILTER         | UVA 100%/UVB 100% |



## AUGEN FLAT-TOP 28 SEMI-FINISHED LENS

|                            |                       |
|----------------------------|-----------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material     |
| <b>Cx</b> Convex Curve     | <b>Ft</b> Flat-Top 28 |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve  |
| <b>Te</b> Edge Thickness   | <b>A</b> Add          |
|                            | <b>S</b> Side         |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | CONCAVE CURVE<br>TRUE (1.530) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|----------------------------------|------------------------------------|
| 2.00                        | 2.05                         | 1.21                        | 6 ST                         | 6.12                          | 10.0                             | 6.0                                |
| 4.00                        | 4.10                         | 2.44                        | 6 ST                         | 6.12                          | 8.3                              | 6.0                                |
| 6.00                        | 6.07                         | 3.66                        | 47 ST                        | 4.75                          | 6.8                              | 8.0                                |

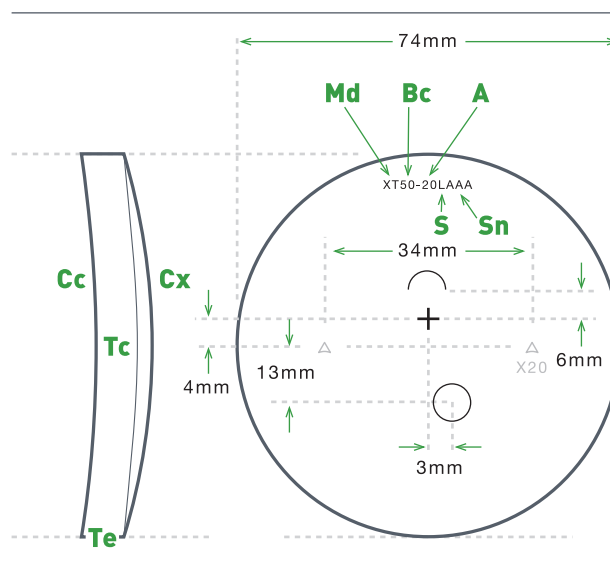
LENS DIAMETER 74mm ± 0.5 mm

DN SEG / IN SEG: 5.0 / 5.0mm

ADDITION: 1.00 TO 3.00 IN STEPS 0.25 D.

# HD Progressive S.F. Trinity® 13/17

| CHARACTERISTICS                                                                                | TRIVEX®           |
|------------------------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                               | 1.530             |
| DISPERSION ABBE                                                                                | 45                |
| DENSITY 25°gr/cm3                                                                              | 1.11              |
| UV FILTER                                                                                      | UVA 100%/UVB 100% |
|  <b>AUGEN</b> |                   |



**MINIMUM FITTING HEIGHT 17mm**  
**TRINITY® PROGRESSIVE SEMI-FINISHED LENS**

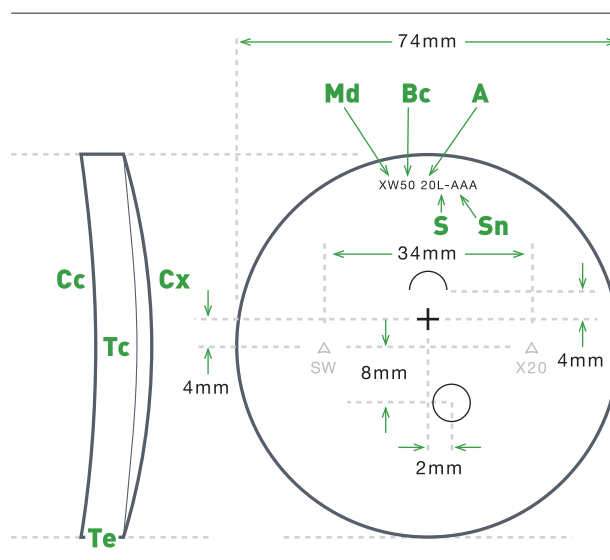
|                            |                             |
|----------------------------|-----------------------------|
| <b>Cc</b> Concave Curve    | <b>Md</b> Material & Design |
| <b>Cx</b> Convex Curve     | <b>Bc</b> Base Curve        |
| <b>Tc</b> Center Thickness | <b>A</b> Addition           |
| <b>Te</b> Edge Thickness   | <b>S</b> Side               |
|                            | <b>Sn</b> Serial No.        |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | CONCAVE CURVE<br>TRUE (1.530) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|----------------------------------|------------------------------------|
| 2.00                        | 1.75                         | 1.03                        | 5.00                         | 5.31                          | 9.20                             | 6.00                               |
| 3.50                        | 3.48                         | 2.06                        | 6.00                         | 6.12                          | 9.20                             | 7.00                               |
| 5.00                        | 5.00                         | 2.99                        | 6.00                         | 6.12                          | 8.20                             | 8.00                               |
| 6.00                        | 5.82                         | 3.50                        | 5.00                         | 5.31                          | 7.00                             | 9.50                               |
| 7.00                        | 6.92                         | 4.20                        | 5.00                         | 5.31                          | 5.80                             | 9.40                               |

LENS DIAMETER 74mm ± 0.5 mm

HD Progressive S.F.  
**Trinity® 8/12**

| CHARACTERISTICS   | TRIVEX®           |
|-------------------|-------------------|
| REFRACTIVE INDEX  | 1.530             |
| DISPERSION ABBE   | 45                |
| DENSITY 25°gr/cm3 | 1.11              |
| UV FILTER         | UVA 100%/UVB 100% |



**MINIMUM FITTING HEIGHT 12mm**  
**TRINITY® PROGRESSIVE SHORT CORRIDOR**  
**SEMI-FINISHED LENS**

- Cc** Concave Curve
- Cx** Convex Curve
- Tc** Center Thickness
- Te** Edge Thickness

**Md** Material & Design  
**Bc** Base Curve  
**A** Addition  
**S** Side  
**Sn** Serial No.

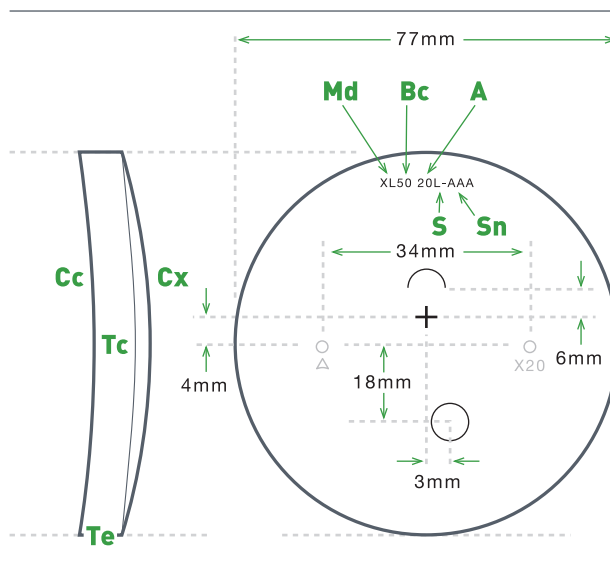
| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | CONCAVE CURVE<br>TRUE (1.530) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.4 -0.6 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|----------------------------------|------------------------------------|
| 2.00                        | 1.75                         | 1.03                        | 5.00                         | 5.31                          | 9.20                             | 6.20                               |
| 3.50                        | 3.48                         | 2.06                        | 6.00                         | 6.12                          | 9.20                             | 7.20                               |
| 5.00                        | 5.00                         | 2.99                        | 6.00                         | 6.12                          | 8.20                             | 6.80                               |
| 6.00                        | 5.82                         | 3.50                        | 5.00                         | 5.31                          | 7.00                             | 10.00                              |

LENS DIAMETER 74mm  $\pm$  0.5 mm

ADDITION: 1.00 D TO 3.00 D IN STEPS 0.25 D.

# HD Progressive S.F. Trinity<sup>®</sup> Spacia

| CHARACTERISTICS                                                                                | TRIVEX <sup>®</sup> |
|------------------------------------------------------------------------------------------------|---------------------|
| REFRACTIVE INDEX                                                                               | 1.530               |
| DISPERSION ABBE                                                                                | 45                  |
| DENSITY 25°gr/cm3                                                                              | 1.11                |
| UV FILTER                                                                                      | UVA 100%/UVB 100%   |
|  <b>AUGEN</b> |                     |



## SPACIA PROGRESSIVE CONTINUOUS CORRIDOR SEMI-FINISHED LENS

|                            |                             |
|----------------------------|-----------------------------|
| <b>Cc</b> Concave Curve    | <b>Md</b> Material & Design |
| <b>Cx</b> Convex Curve     | <b>Bc</b> Base Curve        |
| <b>Tc</b> Center Thickness | <b>A</b> Addition           |
| <b>Te</b> Edge Thickness   | <b>S</b> Side               |
|                            | <b>Sn</b> Serial No.        |

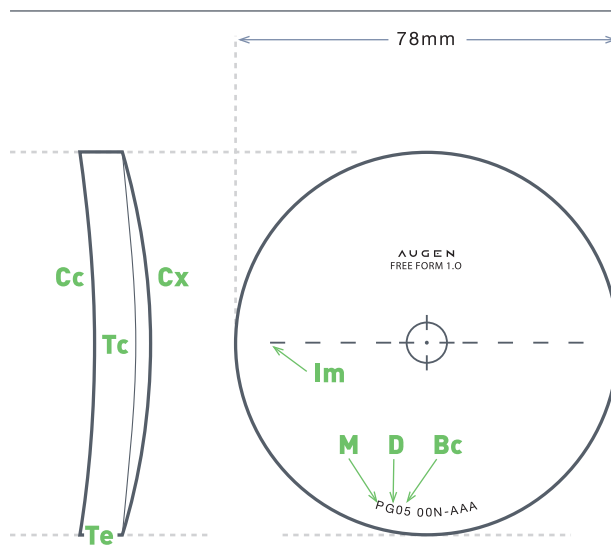
| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | ADDITION<br>STEPS 0.25 D. | CONCAVE CURVE<br>NOMINAL | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.5 (mm) |
|-----------------------------|------------------------------|-----------------------------|---------------------------|--------------------------|----------------------------------|------------------------------------|
| 3.50                        | 3.48                         | 2.06                        | 0.75 to 3.50              | 6.00                     | 9.20                             | 7.00                               |
| 5.00                        | 5.00                         | 2.99                        | 0.75 to 3.50              | 6.00                     | 8.20                             | 8.00                               |
| 6.00                        | 5.82                         | 3.50                        | 1.00 to 3.00              | 5.00                     | 7.00                             | 9.50                               |

LENS DIAMETER 77mm ± 0.5 mm

# AUGEN 1.0

## Single Vision S.F.

| CHARACTERISTICS   | TRIVEX®           |
|-------------------|-------------------|
| REFRACTIVE INDEX  | 1.530             |
| DISPERSION ABBE   | 45                |
| DENSITY 25°gr/cm3 | 1.11              |
| UV FILTER         | UVA 100%/UVB 100% |



Precision Curve **FREE-FORM**  
True Convex Curve +/- 0.02 D

### SINGLE VISION SPHERIC S.F. LENS

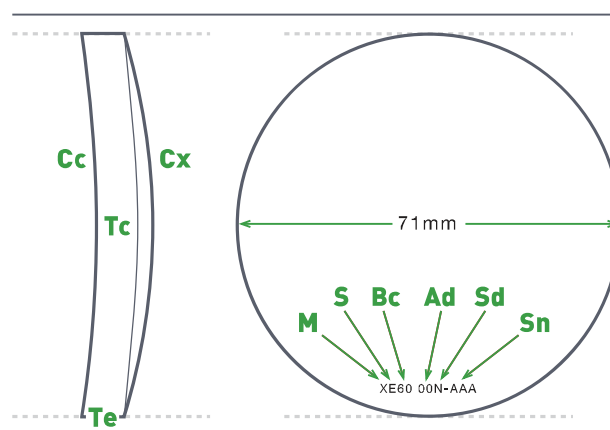
|                            |                        |
|----------------------------|------------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material      |
| <b>Cx</b> Convex Curve     | <b>D</b> Spheric       |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve   |
| <b>Te</b> Edge Thickness   | <b>Im</b> Ink Markings |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE 1.530 | CONVEX CURVE<br>SAG. 50mm | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 mm | CENTER THICKNESS<br>+0.5 -0.3 mm |
|-----------------------------|----------------------------|---------------------------|------------------------------|--------------------------------|----------------------------------|
| 0.50                        | 0.50                       | 0.29                      | 6.00                         | 15.0                           | 5.8                              |
| 2.50                        | 2.50                       | 1.47                      | 6.00                         | 15.0                           | 8.9                              |
| 3.50                        | 3.50                       | 2.07                      | 6.00                         | 12.5                           | 8.0                              |
| 4.50                        | 4.50                       | 2.68                      | 5.00                         | 10.0                           | 8.5                              |
| 5.50                        | 5.50                       | 3.30                      | 5.00                         | 8.0                            | 8.2                              |
| 6.50                        | 6.50                       | 3.93                      | 5.00                         | 7.5                            | 9.5                              |
| 7.50                        | 7.50                       | 4.57                      | 5.00                         | 6.5                            | 10.3                             |
| 8.50                        | 8.50                       | 5.23                      | 5.00                         | 6.0                            | 11.9                             |

LENS DIAMETER 78mm ± 0.5 mm

# S.V. Spheric S.F.

| CHARACTERISTICS   | TRIVEX®           |
|-------------------|-------------------|
| REFRACTIVE INDEX  | 1.530             |
| DISPERSION ABBE   | 45                |
| DENSITY 25°gr/cm3 | 1.11              |
| UV FILTER         | UVA 100%/UVB 100% |



## SPHERIC SINGLE VISION SEMI-FINISHED LENS

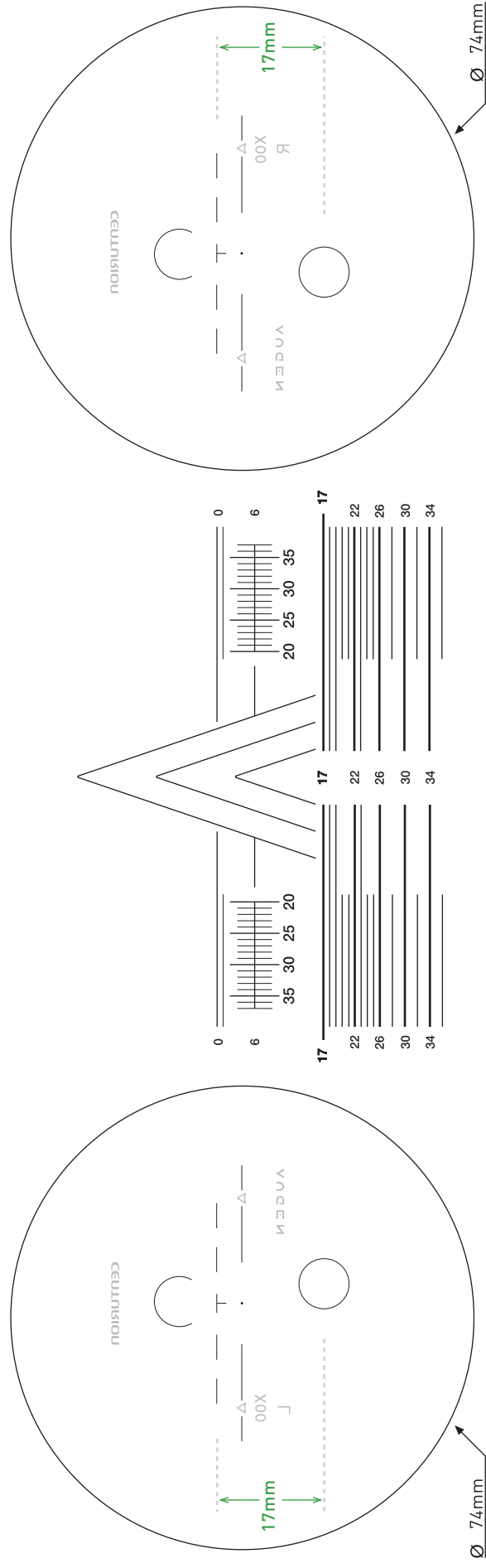
|                            |                      |
|----------------------------|----------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material    |
| <b>Cx</b> Convex Curve     | <b>S</b> Spheric     |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve |
| <b>Te</b> Edge Thickness   | <b>Ad</b> Addition   |
|                            | <b>Sd</b> Side       |
|                            | <b>Sn</b> Serial No. |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|------------------------------|----------------------------------|------------------------------------|
| 0.50                        | 0.52                         | 0.30                        | 3.00                         | 12.50                            | 9.00                               |
| 2.00                        | 2.05                         | 1.18                        | 3.00                         | 11.00                            | 9.00                               |
| 4.00                        | 4.06                         | 2.41                        | 5.00                         | 10.50                            | 8.50                               |
| 6.00                        | 6.06                         | 3.65                        | 5.00                         | 7.50                             | 8.50                               |
| 8.00                        | 8.26                         | 5.07                        | 5.00                         | 5.50                             | 9.80                               |

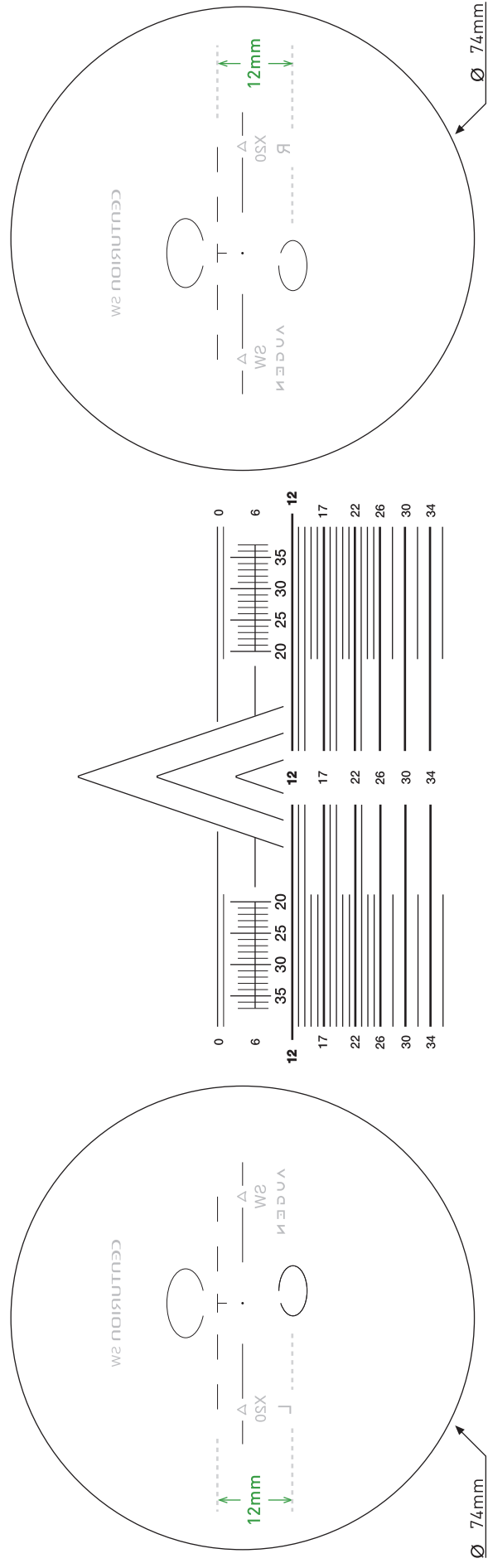
LENS DIAMETER 71mm +/- 0.5 mm

BASE POWER RANGE: -11.50 D TO 6.75 D

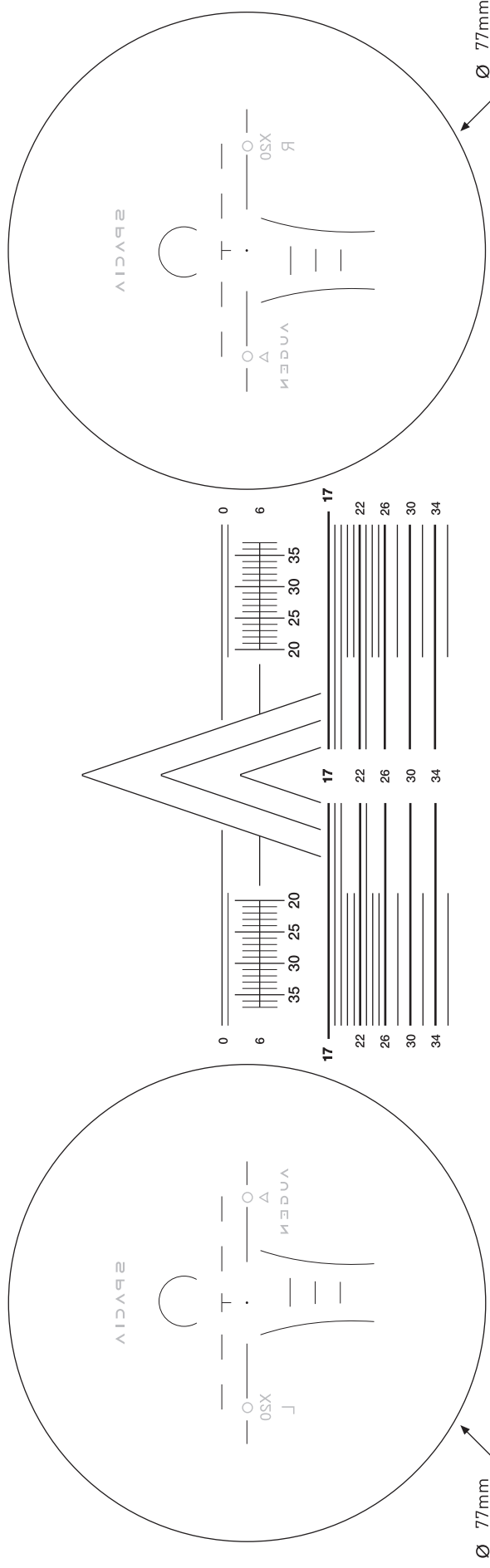
# HD Progressive S.F. Trinity® 13/17



# HD Progressive S.F. Trinity® 8/12



## HD Progressive S.F. Trinity® Spacia



## Single Vision Finished Plus (+)

Hard Coated

|                |      |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|------|
| 6.00           |      |      |      |      |      |      |      |      |      |
| 5.75           |      |      |      |      |      |      |      |      |      |
| 5.50           |      |      |      |      |      |      |      |      |      |
| 5.25           |      |      |      |      |      |      |      |      |      |
| 5.00           |      |      |      |      |      |      |      |      |      |
| 4.75           |      |      |      |      |      |      |      |      |      |
| 4.50           |      |      |      |      |      |      |      |      |      |
| 4.25           |      |      |      |      |      |      |      |      |      |
| 4.00           |      |      |      |      |      |      |      |      |      |
| 3.75           |      |      |      |      |      |      |      |      |      |
| 3.50           |      |      |      |      |      |      |      |      |      |
| 3.25           |      |      |      |      |      |      |      |      |      |
| 3.00           |      |      |      |      |      |      |      |      |      |
| 2.75           |      |      |      |      |      |      |      |      |      |
| 2.50           |      |      |      |      |      |      |      |      |      |
| 2.25           |      |      |      |      |      |      |      |      |      |
| 2.00           |      |      |      |      |      |      |      |      |      |
| 1.75           |      |      |      |      |      |      |      |      |      |
| 1.50           |      |      |      |      |      |      |      |      |      |
| 1.25           |      |      |      |      |      |      |      |      |      |
| 1.00           |      |      |      |      |      |      |      |      |      |
| 0.75           |      |      |      |      |      |      |      |      |      |
| 0.50           |      |      |      |      |      |      |      |      |      |
| 0.25           |      |      |      |      |      |      |      |      |      |
| PL             |      |      |      |      |      |      |      |      |      |
| SPH            | 0.00 | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 |
| CYLINDER ( - ) |      |      |      |      |      |      |      |      |      |

# HD Single Vision Finished

Hard Coated 71 mm

|       | CYLINDER ( - ) |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ASPH  | 0.00           | -0.25 | -0.50 | -0.75 | -1.00 | -1.25 | -1.50 | -1.75 | -2.00 | -2.25 | -2.50 | -2.75 | -3.00 |
| PL    |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -0.25 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -0.50 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -0.75 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -1.00 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -1.25 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -1.50 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -1.75 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -2.00 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -2.25 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -2.50 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -2.75 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -3.00 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -3.25 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -3.50 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -3.75 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -4.00 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -4.25 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -4.50 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -4.75 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -5.00 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -5.25 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -5.50 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -5.75 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -6.00 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -6.25 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -6.50 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -6.75 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -7.00 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -7.25 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -7.50 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -7.75 |                |       |       |       |       |       |       |       |       |       |       |       |       |
| -8.00 |                |       |       |       |       |       |       |       |       |       |       |       |       |

71 mm

68 mm

68 mm

## HD Single Vision S.F.

Aspheric & Double Aspheric

74 mm Hard Coated

|                 |    | BASE ASPHERIC & DOUBLE ASPHERIC S.V. |      |      |      |      |      |      |      |
|-----------------|----|--------------------------------------|------|------|------|------|------|------|------|
|                 |    | 0.75                                 | 2.00 | 3.50 | 4.00 | 5.00 | 6.25 | 7.25 | 8.25 |
| Aspheric        | A  |                                      |      |      |      |      |      |      |      |
| Double Aspheric | AA |                                      |      |      |      |      |      |      |      |

## Flat-Top 28 S.F.

Hard Coated

| BASE | BIFOCAL FLAT TOP-28 74mm. |      |      |      |      |      |      |      |      |
|------|---------------------------|------|------|------|------|------|------|------|------|
|      | 1.00                      | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 |
| 2.00 |                           |      |      |      |      |      |      |      |      |
| 4.00 |                           |      |      |      |      |      |      |      |      |
| 6.00 |                           |      |      |      |      |      |      |      |      |

## HD Progressive S.F. Trinity® 13/17

Hard Coated

| BASE<br>ADD | PROGRESSIVE TRINITY 13/17 74 mm |      |      |      |      |      |      |      |      |      |      |
|-------------|---------------------------------|------|------|------|------|------|------|------|------|------|------|
|             | 0.75                            | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.50 |
| 2.00        |                                 |      |      |      |      |      |      |      |      |      |      |
| 3.50        |                                 |      |      |      |      |      |      |      |      |      |      |
| 5.00        |                                 |      |      |      |      |      |      |      |      |      |      |
| 6.00        |                                 |      |      |      |      |      |      |      |      |      |      |
| 7.00        |                                 |      |      |      |      |      |      |      |      |      |      |

## HD Progressive S.F. Trinity® 8/12

Hard Coated

| BASE<br>ADD | PROGRESSIVE TRINITY 8/12 74 mm |      |      |      |      |      |      |      |      |
|-------------|--------------------------------|------|------|------|------|------|------|------|------|
|             | 1.00                           | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 |
| 2.00        |                                |      |      |      |      |      |      |      |      |
| 3.50        |                                |      |      |      |      |      |      |      |      |
| 5.00        |                                |      |      |      |      |      |      |      |      |
| 6.00        |                                |      |      |      |      |      |      |      |      |

## HD Progressive S.F. Trinity® Spacia

Hard Coated

| BASE<br>ADD | SPACIA PROGRESSIVE 77 mm |      |      |      |      |      |      |      |      |      |      |      |
|-------------|--------------------------|------|------|------|------|------|------|------|------|------|------|------|
|             | 0.75                     | 1.00 | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00 | 3.25 | 3.50 |
| 3.50        |                          |      |      |      |      |      |      |      |      |      |      |      |
| 5.00        |                          |      |      |      |      |      |      |      |      |      |      |      |
| 6.00        |                          |      |      |      |      |      |      |      |      |      |      |      |

## AUGEN 1.0

### Single Vision S.F.

78 mm Hard Coated

| SPHERE BASE | 0.50 | 2.50 | 3.50 | 4.50 | 5.50 | 6.50 | 7.50 | 8.50 |
|-------------|------|------|------|------|------|------|------|------|
|             |      |      |      |      |      |      |      |      |

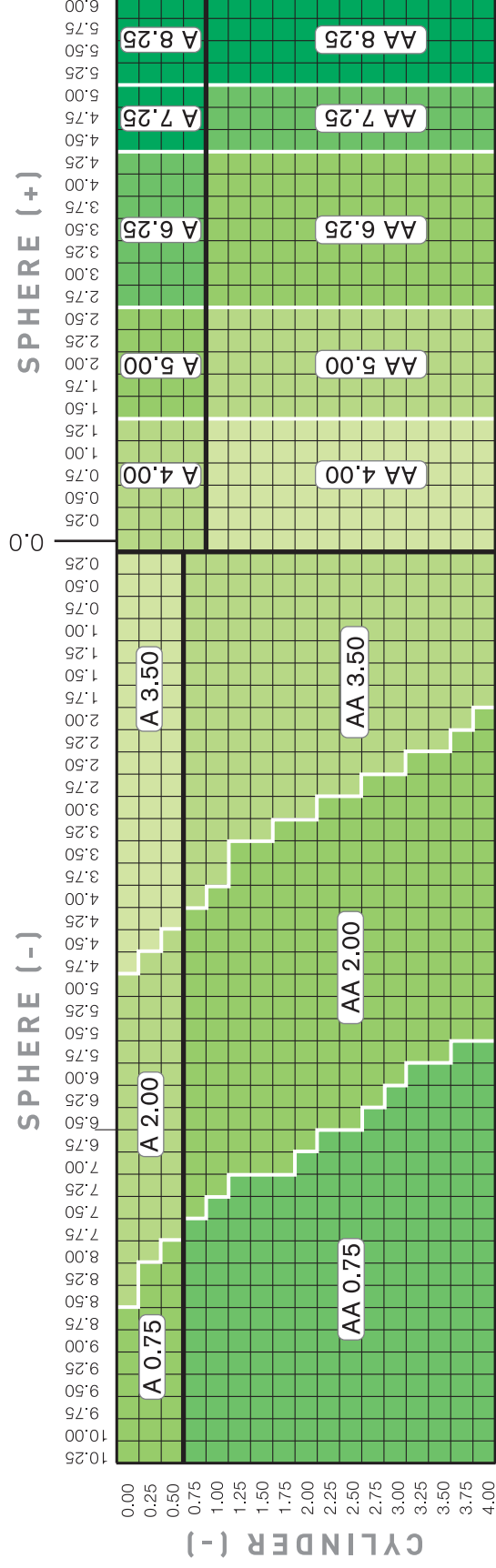
## S.V. Spheric S.F.

Coated

|      | S.V. Spheric S.F. |      |      |      | 71 mm |
|------|-------------------|------|------|------|-------|
| BASE | 0.50              | 2.00 | 4.00 | 6.00 | 8.00  |
|      |                   |      |      |      |       |

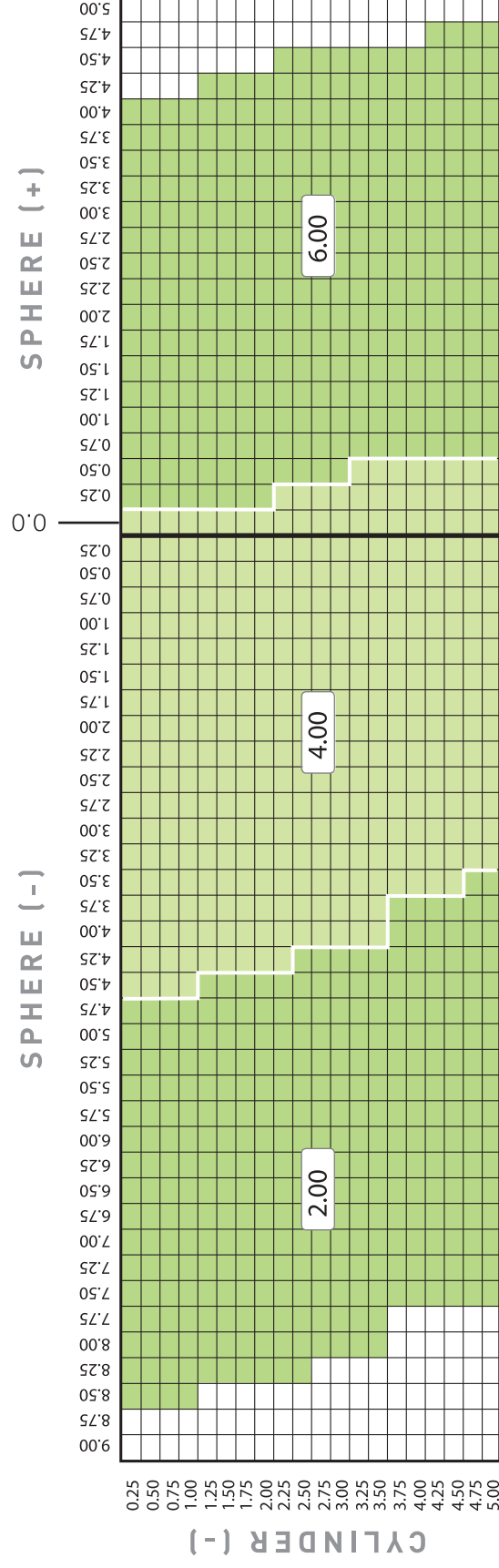
## HD Single Vision S.F.

Aspheric (A) & Double Aspheric (AA)



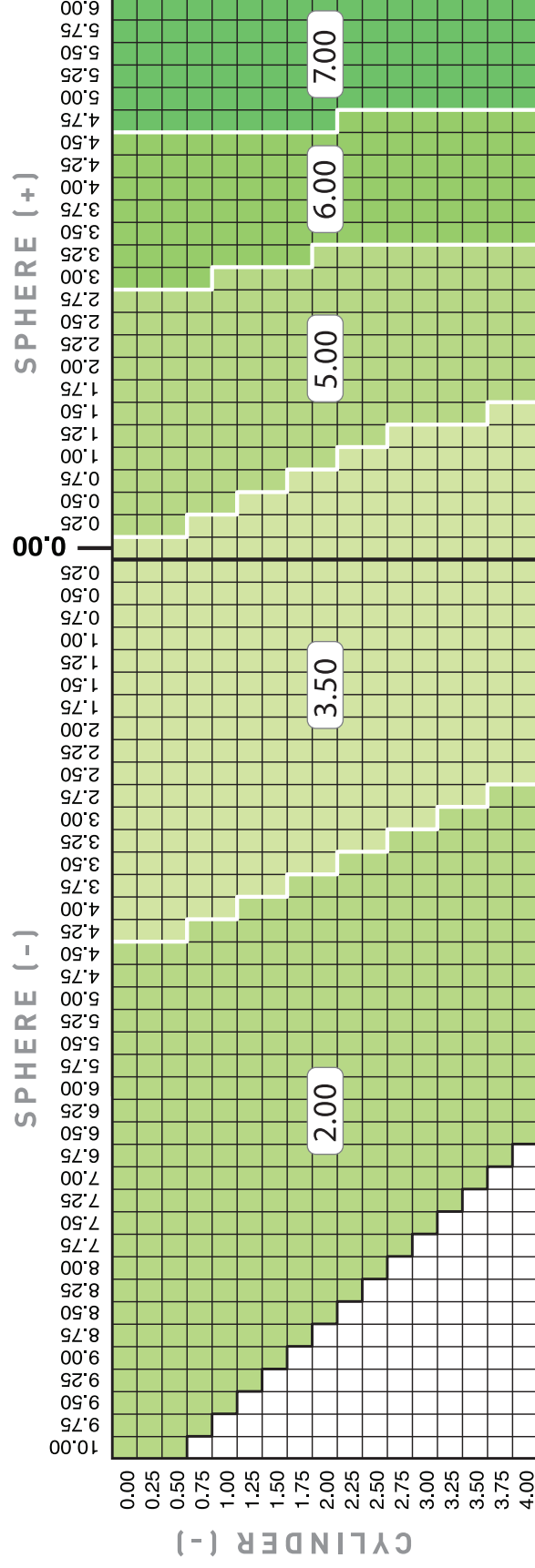
Induced aberrations are less than 0.12 D inside the above table range of vision.  
Choose the same base for both eyes. Always toward the center line. UV Filter.

## Flat-Top 28 S.F.



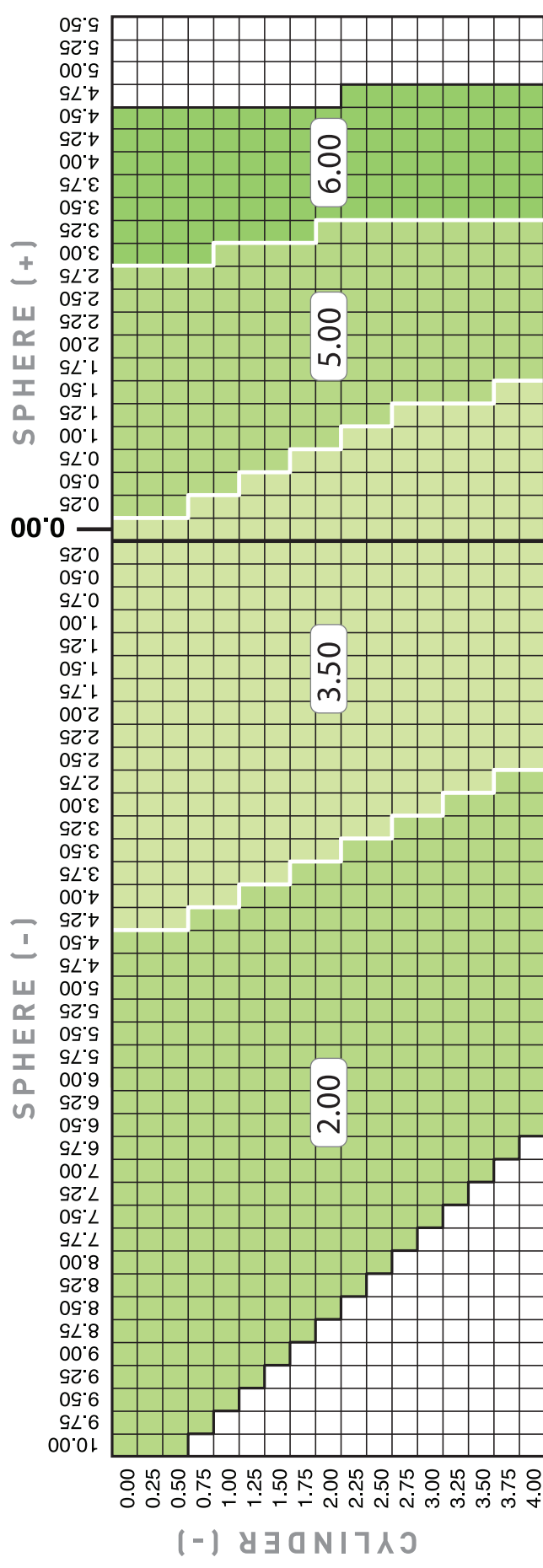
You can extend prescription over 4.00 cylinder with a high optical performance. Choose the same base for both eyes. Always toward the center line. UV Filter.

# HD Progressive S.F. Trinity® 13/17



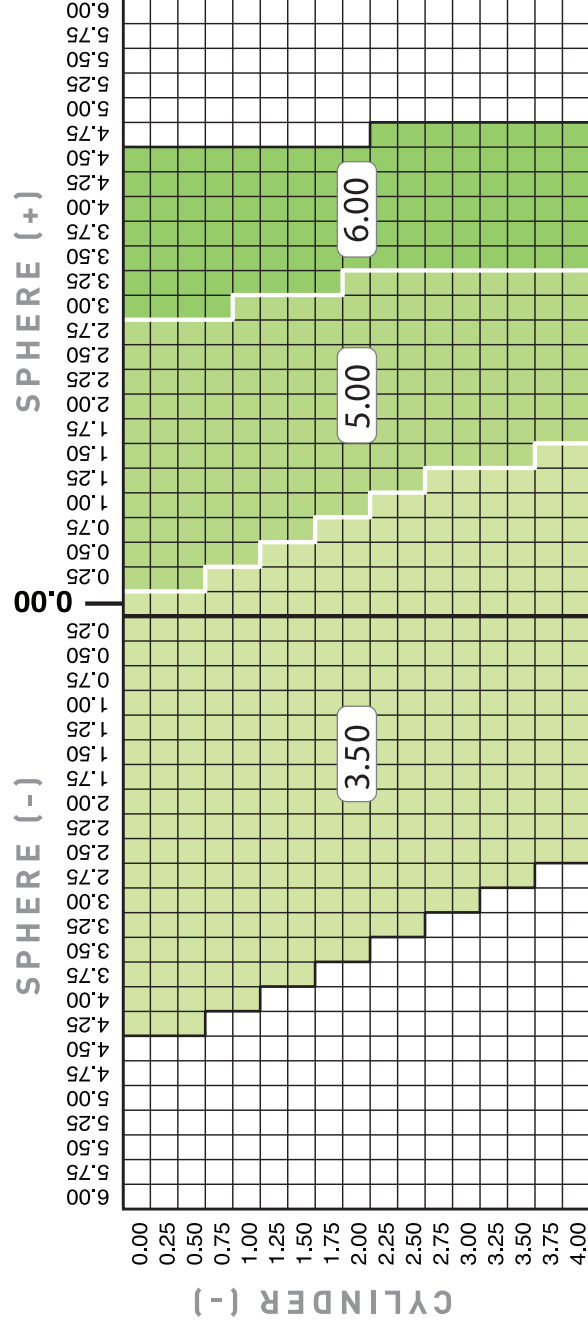
Choose the same base for both eyes. Always toward the center line. UV Filter.

# HD Progressive S.F. Trinity® 8/12



Choose the same base for both eyes. Always toward the center line. UV Filter.

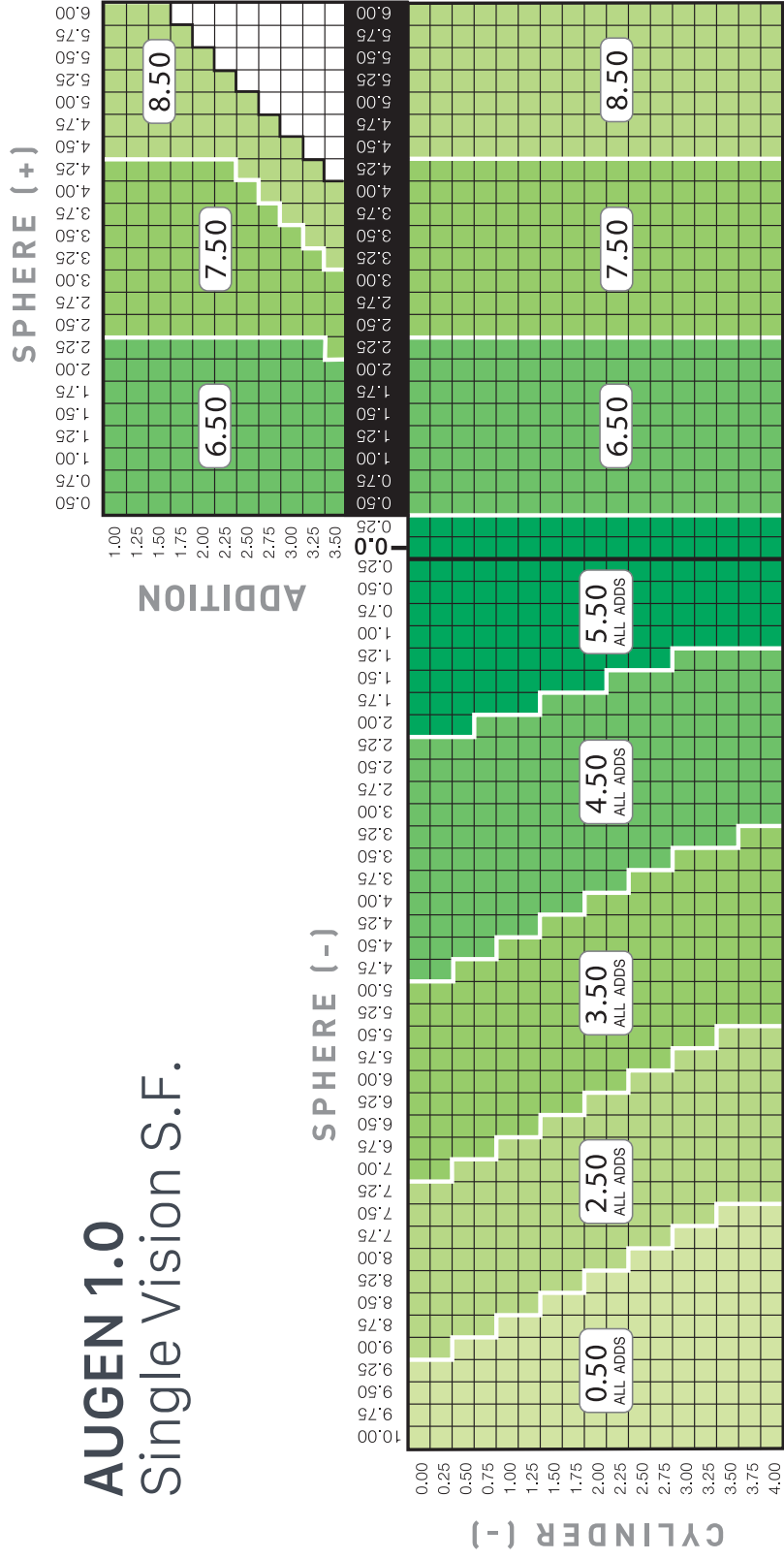
## HD Progressive S.F. Trinity® Spacia



Choose the same base for both eyes. Always toward the center line. UV Filter.

## AUGEN 1.0

### Single Vision S.F.



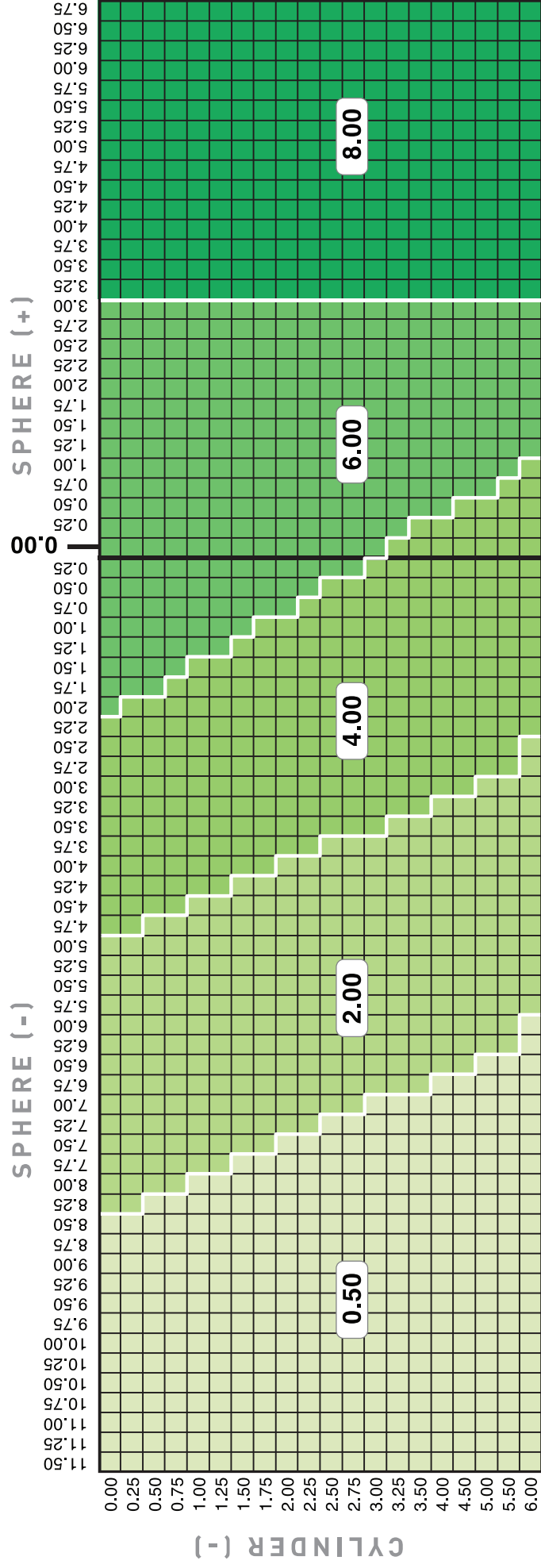
Choose the same base for both eyes. Always toward the center line. UV Filter.

# Free-Form Base and Add Selection Chart

Trivex® 1.53

Suggested

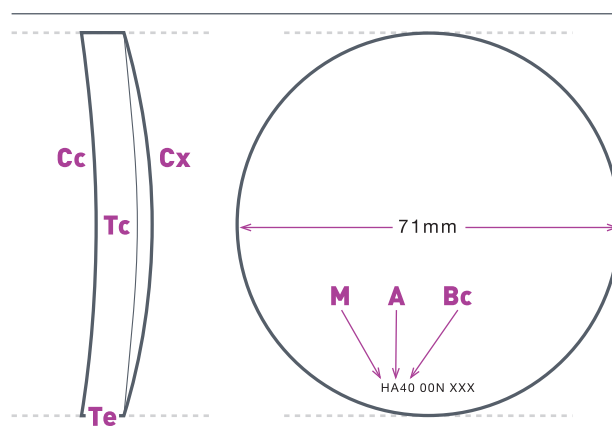
## S.V. Spheric S.F.



Choose the same base for both eyes. Always toward the center line. UV Filter.

# HD S.V. Aspheric S.F.

| CHARACTERISTICS                                                                   | RAV755T           |
|-----------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                  | 1.556             |
| DISPERSION ABBE                                                                   | 38                |
| DENSITY 25°gr/cm3                                                                 | 1.29              |
| UV FILTER                                                                         | UVA 100%/UVB 100% |
|  |                   |



## SINGLE VISION ASPHERIC SEMI-FINISHED LENS

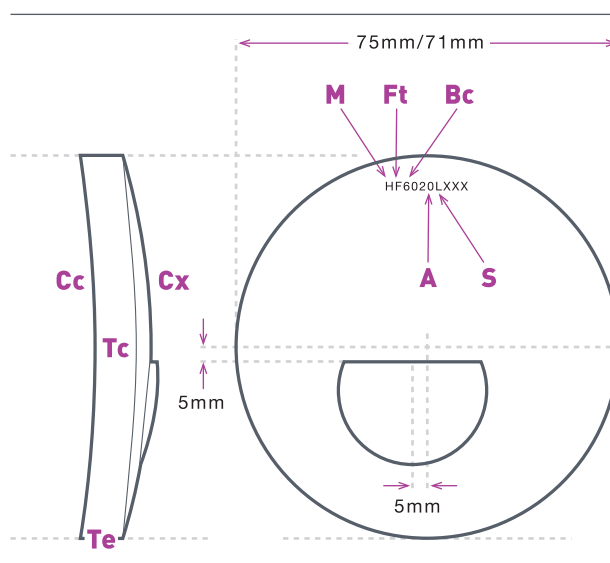
- Cc** Concave Curve
- Cx** Convex Curve
- Tc** Center Thickness
- Te** Edge Thickness
- M** Material
- A** Aspheric
- Bc** Base Curve

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | RADIUS<br>CENTER (mm) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) | ASPHERICITY |
|-----------------------------|------------------------------|-----------------------|-----------------------------|------------------------------|----------------------------------|------------------------------------|-------------|
| 0.50                        | 0.48                         | 1104.17               | 0.402                       | 6.00                         | 15.00                            | 8.00                               | PARABOLA    |
| 2.00                        | 1.87                         | 283.42                | 1.192                       | 6.00                         | 15.50                            | 10.10                              | OBLATO      |
| 3.00                        | 2.96                         | 179.05                | 1.800                       | 6.00                         | 12.00                            | 8.00                               | OBLATO      |
| 4.00                        | 3.95                         | 134.18                | 2.340                       | 6.00                         | 12.00                            | 9.20                               | PROLATO     |
| 5.00                        | 5.06                         | 105.56                | 2.953                       | 3.00                         | 8.00                             | 10.50                              | HIPERBOLA   |
| 6.25                        | 6.24                         | 84.94                 | 3.645                       | 3.00                         | 8.00                             | 12.10                              | PROLATO     |
| 7.50                        | 7.54                         | 70.29                 | 4.454                       | 3.00                         | 8.00                             | 14.00                              | PROLATO     |
| 8.50                        | 8.62                         | 61.48                 | 5.142                       | 3.00                         | 8.00                             | 14.50                              | PROLATO     |

LENS DIAMETER 71mm +- 0.5 mm

# Flat-Top 28 S.F.

| CHARACTERISTICS                                                                                | RAV755T           |
|------------------------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                               | 1.556             |
| DISPERSION ABBE                                                                                | 38                |
| DENSITY 25°gr/cm3                                                                              | 1.29              |
| UV FILTER                                                                                      | UVA 100%/UVB 100% |
|  <b>AUGEN</b> |                   |



## AUGEN FLAT-TOP 28 SEMI FINISHED LENS

|                            |                       |
|----------------------------|-----------------------|
| <b>Cc</b> Concave Curve    | <b>M</b> Material     |
| <b>Cx</b> Convex Curve     | <b>Ft</b> Flat-Top 28 |
| <b>Tc</b> Center Thickness | <b>Bc</b> Base Curve  |
| <b>Te</b> Edge Thickness   | <b>A</b> Add          |
|                            | <b>S</b> Side         |

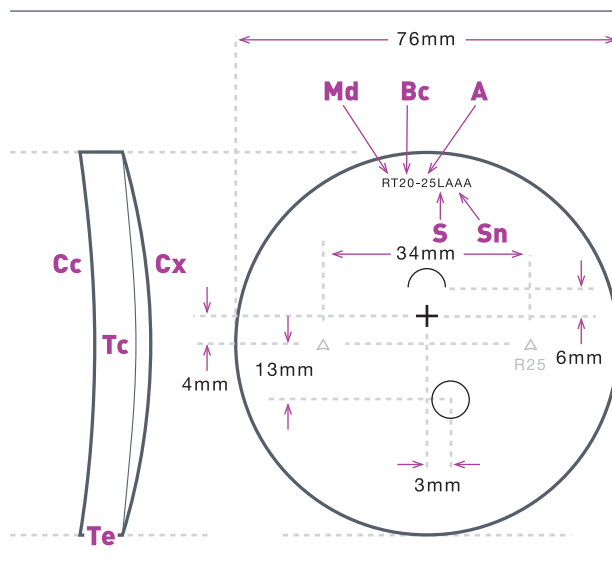
| LENS DIAMETER<br>+/-0.5 mm | CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>NOMINAL (-) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|----------------------------|-----------------------------|------------------------------|-----------------------------|------------------------------|----------------------------------|------------------------------------|
| 75                         | 2.00                        | 2.05                         | 1.21                        | 6.00                         | 12.00                            | 7.50                               |
| 75                         | 4.00                        | 4.10                         | 2.44                        | 6.00                         | 9.00                             | 7.00                               |
| 71                         | 6.00                        | 6.00                         | 3.61                        | 5.00                         | 6.80                             | 8.50                               |

DN SEG / IN SEG: 5.0 / 5.0 mm

ADDITION: 1.00 D TO 3.00 D IN STEPS 0.25 D.

# HD Progressive S.F. Trinity® 13/17

| CHARACTERISTICS                                                                                | RAV755T           |
|------------------------------------------------------------------------------------------------|-------------------|
| REFRACTIVE INDEX                                                                               | 1.556             |
| DISPERSION ABBE                                                                                | 38                |
| DENSITY 25°gr/cm3                                                                              | 1.29              |
| UV FILTER                                                                                      | UVA 100%/UVB 100% |
|  <b>AUGEN</b> |                   |



**MINIMUM FITTING HEIGHT 17mm**  
**TRINITY® PROGRESSIVE SEMI-FINISHED LENS**

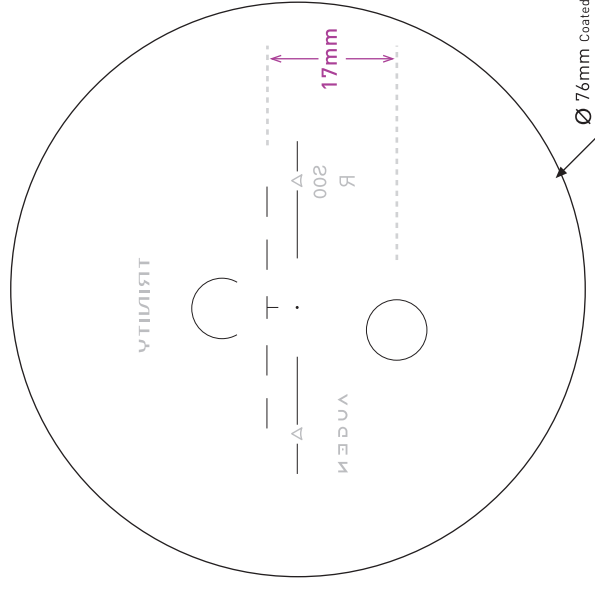
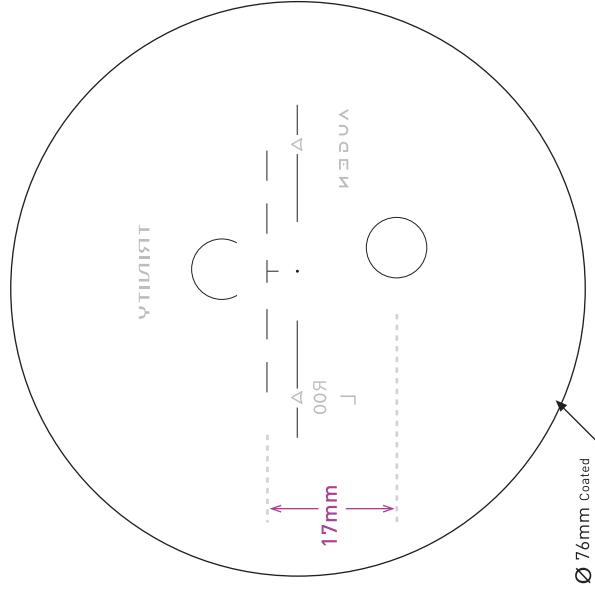
|                            |                             |
|----------------------------|-----------------------------|
| <b>Cc</b> Concave Curve    | <b>Md</b> Material & Design |
| <b>Cx</b> Convex Curve     | <b>Bc</b> Base Curve        |
| <b>Tc</b> Center Thickness | <b>A</b> Addition           |
| <b>Te</b> Edge Thickness   | <b>S</b> Side               |
|                            | <b>Sn</b> Serial No.        |

| CONVEX CURVE<br>NOMINAL (+) | CONVEX CURVE<br>TRUE (1.530) | CONVEX CURVE<br>SAG. (50mm) | CONCAVE CURVE<br>TRUE (1.530) | EDGE THICKNESS<br>+0.5 -0.3 (mm) | CENTER THICKNESS<br>+0.5 -0.3 (mm) |
|-----------------------------|------------------------------|-----------------------------|-------------------------------|----------------------------------|------------------------------------|
| 3.50                        | 3.48                         | 2.06                        | 6.12                          | 9.00                             | 7.00                               |
| 5.00                        | 5.00                         | 2.99                        | 6.12                          | 8.00                             | 7.50                               |
| 6.00                        | 5.82                         | 3.50                        | 5.31                          | 7.00                             | 9.00                               |

LENS DIAMETER 76mm ± 0.5 mm Coated

ADDITION: 1.00 D TO 3.00 D IN STEPS 0.25 D.

# HD Progressive S.F. Trinity<sup>®</sup> 13/17



## HD S.V. Aspheric S.F.

Hard Coated

| BASE |      | ASPHERIC |      | S.V. |      | 71mm. |      |
|------|------|----------|------|------|------|-------|------|
| 0.50 | 2.00 | 3.00     | 4.00 | 5.00 | 6.00 | 7.50  | 8.50 |
|      |      |          |      |      |      |       |      |

## Flat-Top 28 S.F.

Hard Coated

| BASE<br>ADD | FLAT-TOP 28 |      |      |      |      |      |      |      | 75 mm |
|-------------|-------------|------|------|------|------|------|------|------|-------|
|             | 1.00        | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00  |
| 2.00        |             |      |      |      |      |      |      |      |       |
| 4.00        |             |      |      |      |      |      |      |      |       |
| 6.00        |             |      |      |      |      |      |      |      |       |

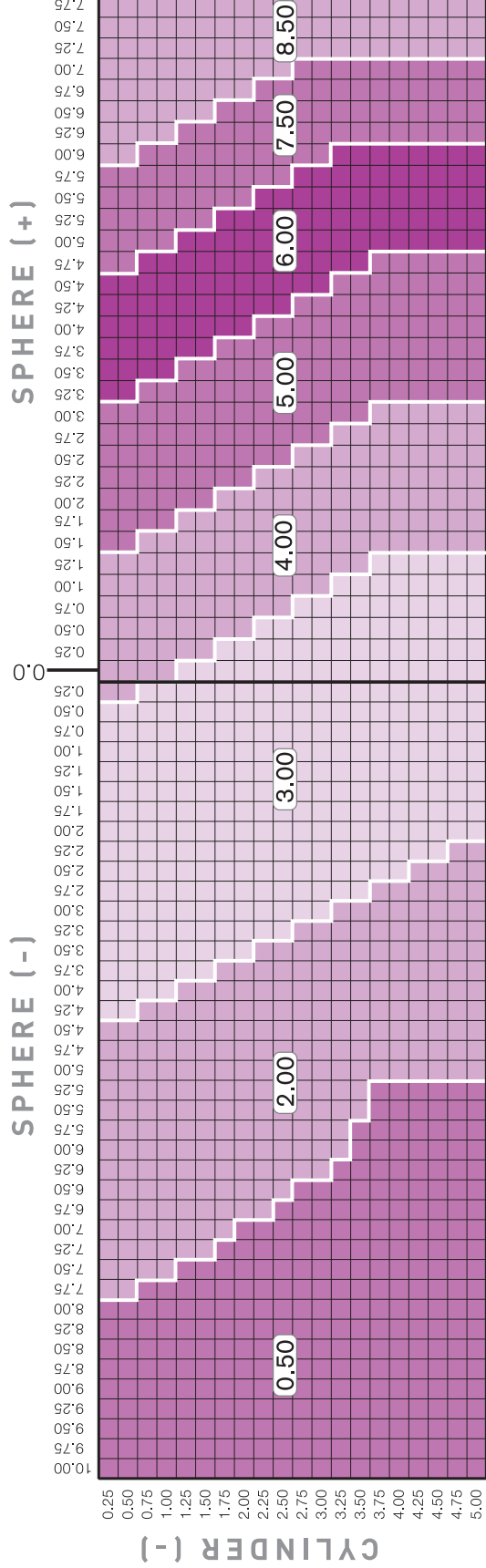
71mm

## HD Progressive S.F. Trinity® 13/17

Hard Coated

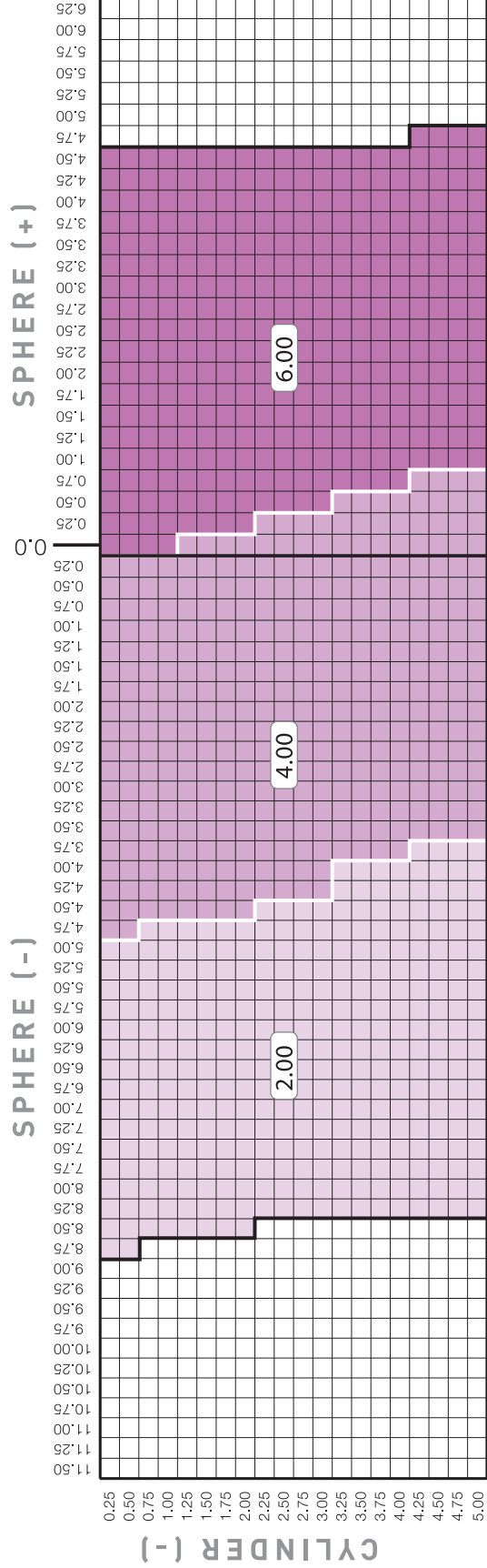
| BASE<br>ADD | TRINITY PROGRESSIVE S.F. |      |      |      |      |      |      |      | 76 mm |
|-------------|--------------------------|------|------|------|------|------|------|------|-------|
|             | 1.00                     | 1.25 | 1.50 | 1.75 | 2.00 | 2.25 | 2.50 | 2.75 | 3.00  |
| 3.50        |                          |      |      |      |      |      |      |      |       |
| 5.00        |                          |      |      |      |      |      |      |      |       |
| 6.00        |                          |      |      |      |      |      |      |      |       |

# HD S.V. Aspheric S.F.



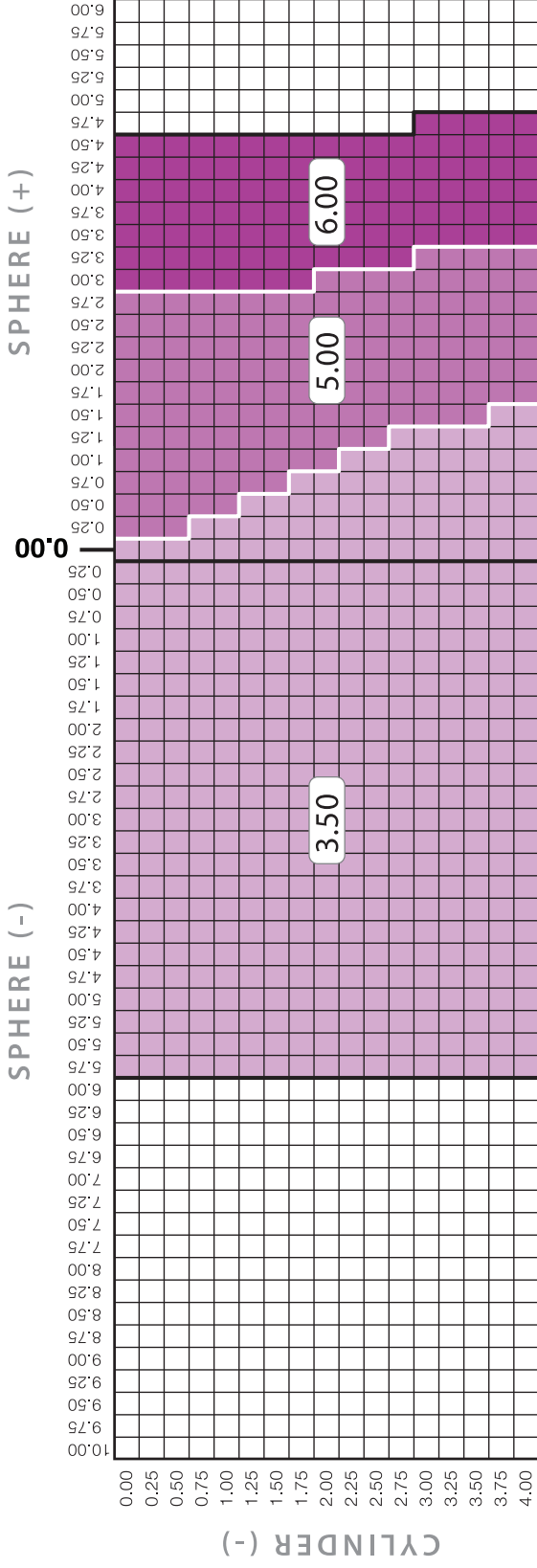
Choose the same base for both eyes. Always toward the center line. UV Filter.

# Flat-Top 28 S.F.



Choose the same base for both eyes. Always toward the center line. UV Filter.

# HD Progressive S.F. Trinity® 13/17



Choose the same base for both eyes. Always toward the center line. UV Filter.