



O&O mdc
Ophthalmic & Orthopaedic
medical devices consultant

“Nothing generates more value than innovation...”

The “O&O mdc” Semi-Finished IOLs for the Industry

“O&O mdc” **Semi-Finished Hydrophilic and Hydrophobic IOLs** are available for the Industry in a wide variety of designs that will suit any implantation technique, once the lens has been through your proprietary finishing process.

All foldable IOLs can be implanted by means of single use “O&O mdc” Delivery Systems as Injectors and Cartridges or Preloaded Systems.

Edge and haptic thickness of all “O&O mdc” Semi-Finished IOLs are manufactured to the exact dimensions ensuring that, once the lenses are finished, packed and sterilised, in accordance with your own specialised technologies, they can then be inserted, by your surgeons, into the capsular bag, in a stable and safe position, without risk of vaulting or rotation.

All “O&O mdc” Semi-Finished IOLs are manufactured with a square edge encompassing the full 360° of the back optic zone. All IOLs have a front edge profile to reduce dysphotopsia.

The “O&O mdc” Semi-Finished IOLs exist in various foldable materials:

✚ **25% Hydrophilic:** Lenses are delivered “**Polished Free**” either in clear or “Natural Yellow” polymer providing a high level of comfort and best functionality based on the combination of **Hydrophilic material and a hydrophobic treated back surface**. Due to their hydrophobic back surface they also demonstrate an improved secondary cataract performance.

Thanks to the state-of-the-art Sub Micron Lathing and Milling technique, the Semi-Finished lenses do not require additional polishing after production and thus keep their square edges and hydrophobicity.

✚ **Hydrophobic:** Lenses are delivered in “Natural Yellow” polymer and your finishing process of lenses will be greatly expedited by the superior quality of the finished lathed and milled surfaces.

In addition, spherical, aspherical, multifocal and diffractive optical geometries are available.

At “O&O mdc” we can also take your existing design or new IOL concepts, and manufacture Semi-Finished IOLs to your specifications. “O&O mdc” will also provide you with an analysis of the proposed lens.

O&O mdc Ltd.

1 West Street, Lewes, East Sussex,
BN7 2NZ, United Kingdom
A Private Limited Company N°4304596
VAT# GB932472231

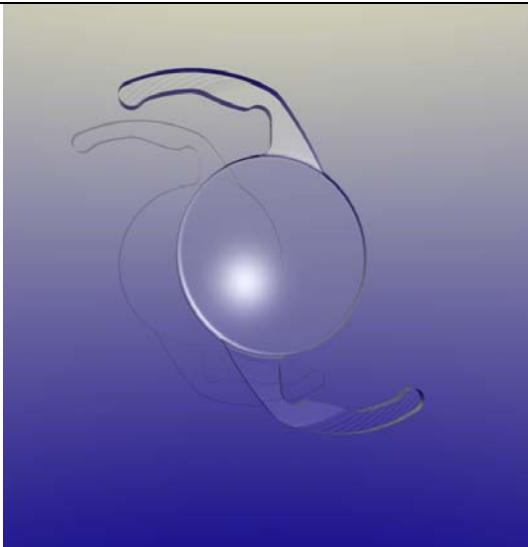
Page 1

Website: www.oo-mdc.com
Email: info@oo-mdc.com

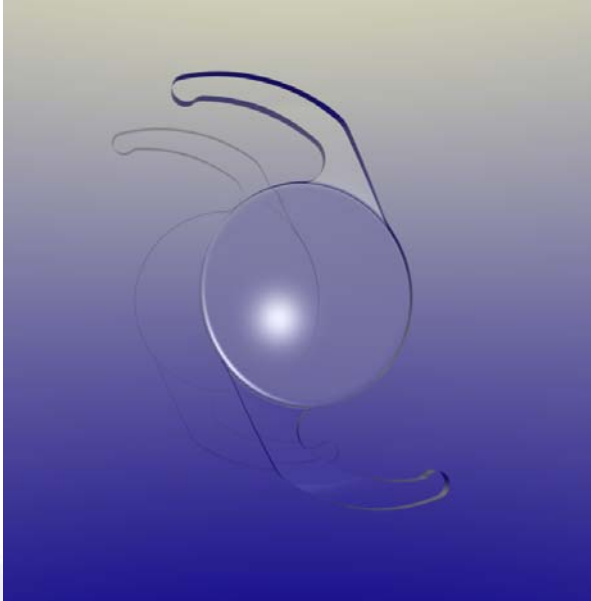
O&O mdc S.r.l.

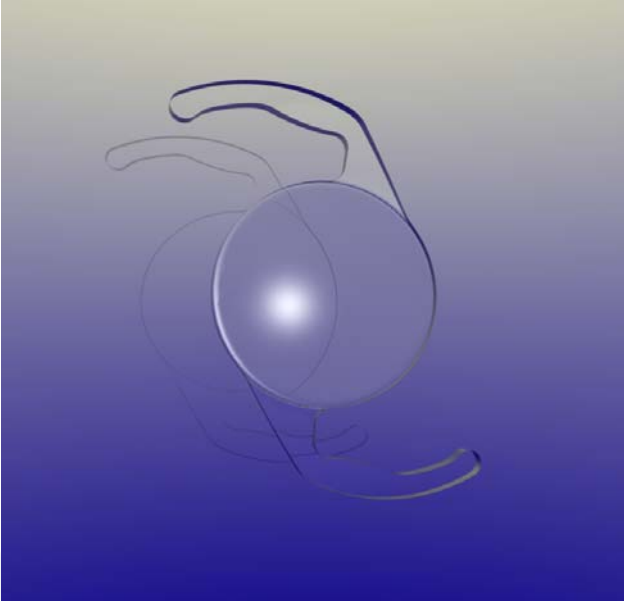
Via Macchia dello Sterparo, 31-2D
00044 Frascati, Italia.
P.IVA – CF: IT09539461005

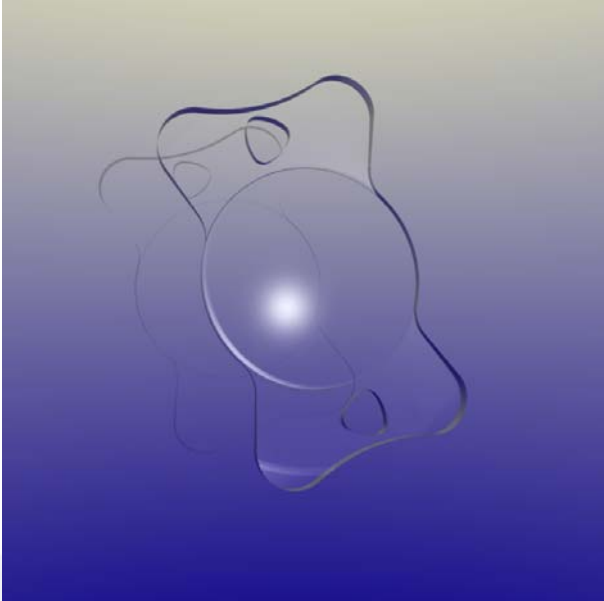
Hydrophobic Semi-Finished IOLs

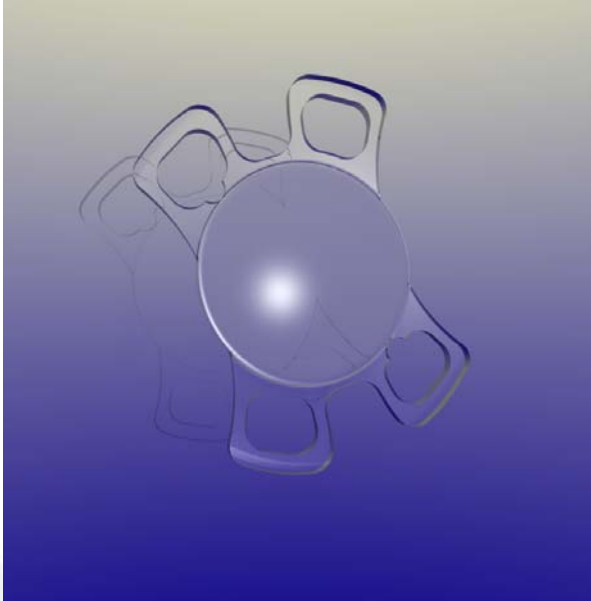
| | | | | | | | | | | | |
|---|---|--------------------|-----------------------|---------------------------------|----------------------------------|--------------------|---------------------|----------------------------------|----------------------------------|--------------------------|--------------------------|
| <p><u>S-Pod L</u> <u>S-Pod M</u> <u>S-Pod LM</u> <u>S-Pod MM</u></p> |  | | | | | | | | | | |
| Optic Diameter: | 5.0 mm to 5.8 mm depending on lens power | | | | | | | | | | |
| Body Diameter: | 6.0 mm | | | | | | | | | | |
| Total Diameter: | 13.0 mm or 12.5 mm depending on model | | | | | | | | | | |
| Haptic Angulation: | Mimicking 5° | | | | | | | | | | |
| Haptic Micro-Structure: | Anti-Sticking Micro-Structure on back side of haptics for model S-Pod LM and S-Pod MM (European Community Protected Design Registration Number 001690975-0001) | | | | | | | | | | |
| Slant Haptic Angulation: | 10° until Ø 10.0 mm | | | | | | | | | | |
| Lens Design: | <u>Front Side:</u> Edge Profile to reduce Dysphotopsia <u>Back Side:</u> 360° Square Edge on Optic and Haptic | | | | | | | | | | |
| Incision Size: | 2.2 mm to 2.6 mm | | | | | | | | | | |
| Material: | “Natural Yellow” Foldable Hydrophobic Acrylate with UV Blocker | | | | | | | | | | |
| Unfolding Time: | Less than 10 Seconds | | | | | | | | | | |
| Method of Sterilisation: | Gamma, EtO or Plasma Sterilisation in dry stage | | | | | | | | | | |
| Dioptr Range: | <table border="0"> <tr> <td><u>Spherical:</u></td> <td><u>Aspherical:</u></td> </tr> <tr> <td>+8.0 D to +28.0 D in 0.5 D Inc.</td> <td>+15.0 D to +32.0 D in 0.5 D Inc.</td> </tr> <tr> <td><u>Multifocal:</u></td> <td><u>Diffraction:</u></td> </tr> <tr> <td>+18.0 D to +28.0 D in 0.5 D Inc.</td> <td>+18.0 D to +28.0 D in 0.5 D Inc.</td> </tr> <tr> <td>Additional power +3.75 D</td> <td>Additional power +3.75 D</td> </tr> </table> | <u>Spherical:</u> | <u>Aspherical:</u> | +8.0 D to +28.0 D in 0.5 D Inc. | +15.0 D to +32.0 D in 0.5 D Inc. | <u>Multifocal:</u> | <u>Diffraction:</u> | +18.0 D to +28.0 D in 0.5 D Inc. | +18.0 D to +28.0 D in 0.5 D Inc. | Additional power +3.75 D | Additional power +3.75 D |
| <u>Spherical:</u> | <u>Aspherical:</u> | | | | | | | | | | |
| +8.0 D to +28.0 D in 0.5 D Inc. | +15.0 D to +32.0 D in 0.5 D Inc. | | | | | | | | | | |
| <u>Multifocal:</u> | <u>Diffraction:</u> | | | | | | | | | | |
| +18.0 D to +28.0 D in 0.5 D Inc. | +18.0 D to +28.0 D in 0.5 D Inc. | | | | | | | | | | |
| Additional power +3.75 D | Additional power +3.75 D | | | | | | | | | | |
| Recommended A Constant: | <table border="0"> <tr> <td></td> <td>Acoustic (Ultrasound)</td> <td>Optic (IOL Master)</td> </tr> <tr> <td>- Eye Length < 25.0 mm:</td> <td>117,7</td> <td>118.0</td> </tr> <tr> <td>- Eye Length ≥ 25.0 mm:</td> <td>118,1</td> <td>118,4</td> </tr> </table> | | Acoustic (Ultrasound) | Optic (IOL Master) | - Eye Length < 25.0 mm: | 117,7 | 118.0 | - Eye Length ≥ 25.0 mm: | 118,1 | 118,4 | |
| | Acoustic (Ultrasound) | Optic (IOL Master) | | | | | | | | | |
| - Eye Length < 25.0 mm: | 117,7 | 118.0 | | | | | | | | | |
| - Eye Length ≥ 25.0 mm: | 118,1 | 118,4 | | | | | | | | | |
| O&O Preloaded System: | O&O FlyShooter Preloaded System incorporating its cartridge: Either MonoGlide for ≥ 2.60 mm Incision; Or MonoGlideMini for ≥ 2.20 mm Incision. | | | | | | | | | | |
| O&O Injector System: | O&O EasyShooter with FlyGlide cartridge for ≥ 2.4 mm Incision | | | | | | | | | | |

“Polished Free” Hydrophilic Semi-Finished IOLs

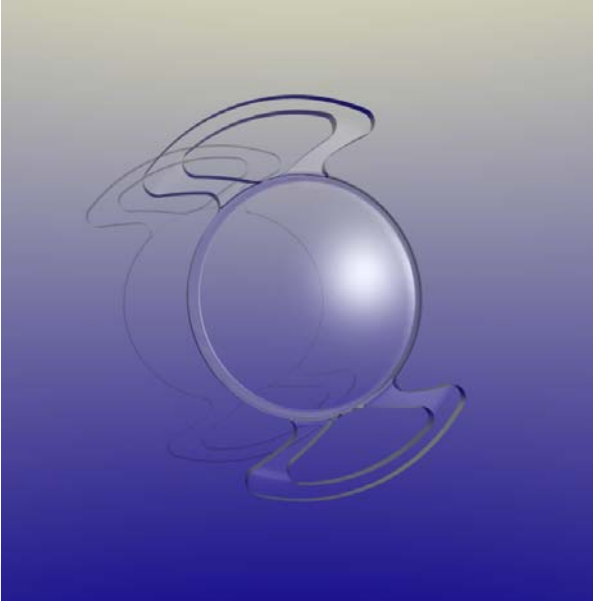
| | | | | | | |
|--|---|--------------------------------------|--|--|--|---|
| <h1><u>C-Pod L</u></h1> <h1><u>C-Pod M</u></h1> |  | | | | | |
| Optic Diameter: | 5.0 mm to 5.8 mm depending on lens power | | | | | |
| Body Diameter: | 6.0 mm | | | | | |
| Total Diameter: | 13.0 mm or 12.5 mm depending on model | | | | | |
| Haptic Angulation: | Mimicking 5° | | | | | |
| Slant Haptic Angulation: | 10° until Ø 10.0 mm | | | | | |
| Lens Design: | <u>Front Side:</u> Edge Profile to reduce Dysphotopsia <u>Back Side:</u> 360° Square Edge on Optic and Haptic | | | | | |
| Incision Size: | 2.0 mm to 2.4 mm | | | | | |
| Material: | Foldable Acrylate with 25% water Content with UV Absorber | | | | | |
| Method of Sterilisation: | Autoclavable in Water for Injection or Light Buffer Solution | | | | | |
| Dioptr Range: | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><u>Spherical:</u> +8.0 D to +28.0 D in 0.5 D Inc.</td> <td style="width: 50%;"><u>Aspherical:</u> +15.0 D to +32.0 D in 0.5 D Inc.</td> </tr> <tr> <td><u>Multifocal:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D</td> <td><u>Diffraction:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D</td> </tr> </table> | | <u>Spherical:</u> +8.0 D to +28.0 D in 0.5 D Inc. | <u>Aspherical:</u> +15.0 D to +32.0 D in 0.5 D Inc. | <u>Multifocal:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | <u>Diffraction:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D |
| <u>Spherical:</u> +8.0 D to +28.0 D in 0.5 D Inc. | <u>Aspherical:</u> +15.0 D to +32.0 D in 0.5 D Inc. | | | | | |
| <u>Multifocal:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | <u>Diffraction:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | | | | | |
| Recommended A Constant: - Eye Length < 25.0 mm: - Eye Length ≥ 25.0 mm: | Acoustic (Ultrasound) 117,7 118,1 | Optic (IOL Master) 118.0 118,4 | | | | |
| O&O Preloaded System: | O&O FlyShooter Preloaded System incorporating its MonoGlideMini cartridge for ≥ 2.20 mm Incision. | | | | | |
| O&O Injector System: | O&O EasyShooter injector with: Either FlyGlide cartridge for ≥ 2.40 mm Incision; Or FlyGlideMicro cartridge for ≥ 2.00 mm Incision. | | | | | |

| | | | | | | | | | | |
|--|--|--------------------------------------|-------------------|--------------------|---------------------------------|----------------------------------|--------------------|---------------------|--|--|
| <h1><u>L-Pod L</u></h1> <h1><u>L-Pod M</u></h1> |  | | | | | | | | | |
| Optic Diameter: | 5.0 mm to 5.8 mm depending on lens power | | | | | | | | | |
| Body Diameter: | 6.0 mm | | | | | | | | | |
| Total Diameter: | 13.0 mm or 12.5 mm depending on model | | | | | | | | | |
| Haptic Angulation: | Mimicking 5° | | | | | | | | | |
| Slant Haptic Angulation: | 10° until Ø 10.0 mm | | | | | | | | | |
| Lens Design: | <u>Front Side:</u> Edge Profile to reduce Dysphotopsia <u>Back Side:</u> 360° Square Edge on Optic and Haptic | | | | | | | | | |
| Incision Size: | 2.0 mm to 2.4 mm | | | | | | | | | |
| Material: | Foldable Acrylate with 25% water Content with UV Absorber | | | | | | | | | |
| Method of Sterilisation: | Autoclavable in Water for Injection or Light Buffer Solution | | | | | | | | | |
| Dioptr Range: | <table border="0"> <tr> <td><u>Spherical:</u></td> <td><u>Aspherical:</u></td> </tr> <tr> <td>+8.0 D to +28.0 D in 0.5 D Inc.</td> <td>+15.0 D to +32.0 D in 0.5 D Inc.</td> </tr> <tr> <td><u>Multifocal:</u></td> <td><u>Diffraction:</u></td> </tr> <tr> <td>+18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D</td> <td>+18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D</td> </tr> </table> | | <u>Spherical:</u> | <u>Aspherical:</u> | +8.0 D to +28.0 D in 0.5 D Inc. | +15.0 D to +32.0 D in 0.5 D Inc. | <u>Multifocal:</u> | <u>Diffraction:</u> | +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D |
| <u>Spherical:</u> | <u>Aspherical:</u> | | | | | | | | | |
| +8.0 D to +28.0 D in 0.5 D Inc. | +15.0 D to +32.0 D in 0.5 D Inc. | | | | | | | | | |
| <u>Multifocal:</u> | <u>Diffraction:</u> | | | | | | | | | |
| +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | | | | | | | | | |
| Recommended A Constant: - Eye Length < 25.0 mm: - Eye Length ≥ 25.0 mm: | Acoustic (Ultrasound) 117,7 118,1 | Optic (IOL Master) 118.0 118,4 | | | | | | | | |
| O&O Preloaded System: | O&O FlyShooter Preloaded System incorporating its MonoGlideMini cartridge for ≥ 2.20 mm Incision. | | | | | | | | | |
| O&O Injector System: | O&O EasyShooter injector with: Either FlyGlide cartridge for ≥ 2.40 mm Incision; Or FlyGlideMicro cartridge for ≥ 2.00 mm Incision. | | | | | | | | | |

| | | | | | | |
|--|---|--------------------------------------|--|--|--|---|
| <h1><u>Q-Pod M</u></h1> |  | | | | | |
| Optic Diameter: | 5.0 mm to 5.8 mm depending on lens power | | | | | |
| Body Diameter: | 6.0 mm | | | | | |
| Total Diameter: | 11.0 mm | | | | | |
| Haptic Angulation: | Mimicking 5° | | | | | |
| Slant Haptic Angulation: | 10° until Ø 10.0 mm | | | | | |
| Lens Design: | <u>Front Side:</u> Edge Profile to reduce Dysphotopsia <u>Back Side:</u> 360° Square Edge on Optic and Haptic | | | | | |
| Incision Size: | 2.0 mm to 2.4 mm | | | | | |
| Material: | Foldable Acrylate with 25% water Content with UV Absorber | | | | | |
| Method of Sterilisation: | Autoclavable in Water for Injection or Light Buffer Solution | | | | | |
| Diopter Range: | <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><u>Spherical:</u> +8.0 D to +28.0 D in 0.5 D Inc.</td> <td style="width: 50%;"><u>Aspherical:</u> +15.0 D to +32.0 D in 0.5 D Inc.</td> </tr> <tr> <td><u>Multifocal:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D</td> <td><u>Diffraction:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D</td> </tr> </table> | | <u>Spherical:</u> +8.0 D to +28.0 D in 0.5 D Inc. | <u>Aspherical:</u> +15.0 D to +32.0 D in 0.5 D Inc. | <u>Multifocal:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | <u>Diffraction:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D |
| <u>Spherical:</u> +8.0 D to +28.0 D in 0.5 D Inc. | <u>Aspherical:</u> +15.0 D to +32.0 D in 0.5 D Inc. | | | | | |
| <u>Multifocal:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | <u>Diffraction:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | | | | | |
| Recommended A Constant: - Eye Length < 25.0 mm: - Eye Length ≥ 25.0 mm: | Acoustic (Ultrasound) 117,7 118,1 | Optic (IOL Master) 118.0 118,4 | | | | |
| O&O Injector System: | O&O EasyShooter injector with: Either FlyGlide cartridge for ≥ 2.40 mm Incision; Or FlyGlideMicro cartridge for ≥ 2.00 mm Incision. | | | | | |

| | | | | | | |
|--|--|--------------------------------------|--|--|--|---|
| <h1><u>X-Pod M</u></h1> |  | | | | | |
| Optic Diameter: | 5.0 mm to 5.8 mm depending on lens power | | | | | |
| Body Diameter: | 6.0 mm | | | | | |
| Total Diameter: | 10.5 mm | | | | | |
| Haptic Angulation: | Mimicking 5° | | | | | |
| Slant Haptic Angulation: | 10° until Ø 10.0 mm | | | | | |
| Lens Design: | <u>Front Side:</u> Edge Profile to reduce Dysphotopsia <u>Back Side:</u> 360° Square Edge on Optic and Haptic | | | | | |
| Incision Size: | 2.0 mm to 2.4 mm | | | | | |
| Material: | Foldable Acrylate with 25% water Content with UV Absorber | | | | | |
| Method of Sterilisation: | Autoclavable in Water for Injection or Light Buffer Solution | | | | | |
| Diopter Range: | <table border="0"> <tr> <td><u>Spherical:</u> +8.0 D to +28.0 D in 0.5 D Inc.</td> <td><u>Aspherical:</u> +15.0 D to +32.0 D in 0.5 D Inc.</td> </tr> <tr> <td><u>Multifocal:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D</td> <td><u>Diffraction:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D</td> </tr> </table> | | <u>Spherical:</u> +8.0 D to +28.0 D in 0.5 D Inc. | <u>Aspherical:</u> +15.0 D to +32.0 D in 0.5 D Inc. | <u>Multifocal:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | <u>Diffraction:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D |
| <u>Spherical:</u> +8.0 D to +28.0 D in 0.5 D Inc. | <u>Aspherical:</u> +15.0 D to +32.0 D in 0.5 D Inc. | | | | | |
| <u>Multifocal:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | <u>Diffraction:</u> +18.0 D to +28.0 D in 0.5 D Inc. Additional power +3.75 D | | | | | |
| Recommended A Constant: - Eye Length < 25.0 mm: - Eye Length ≥ 25.0 mm: | Acoustic (Ultrasound) 117,7 118,1 | Optic (IOL Master) 118.0 118,4 | | | | |
| O&O Injector System: | O&O EasyShooter injector with: Either FlyGlide cartridge for ≥ 2.40 mm Incision; Or FlyGlideMicro cartridge for ≥ 2.00 mm Incision. | | | | | |

“Polished Free” Hydrophilic High Myopia Semi-Finished IOLs

| | |
|---------------------------------|--|
| <h1><u>M-Pod</u></h1> |  |
| Optic Diameter: | 6.0 mm |
| Body Diameter: | 6.5 mm |
| Total Diameter: | 10.5 mm |
| Haptic Angulation: | Mimicking 5° |
| Slant Haptic Angulation: | 10° until Ø 10.0 mm |
| Lens Design: | <u>Front Side:</u> Edge Profile to reduce Dysphotopsia <u>Back Side:</u> 360° Square Edge on Optic and Haptic |
| Incision Size: | 2.6 mm |
| Material: | Foldable Acrylate with 25% water Content with UV Absorber |
| Method of Sterilisation: | Autoclavable in Water for Injection or Light Buffer Solution |
| Diopter Range: | <u>Aspherical Reverse Meniscus:</u> -10.0 D to +10.0 D in 0.5 D Inc. |
| Theoretical ACD: | 6.10 mm |
| O&O Injector System: | O&O EasyShooter injector with HydroGlide cartridge for ≥ 2.60 mm Incision. |