

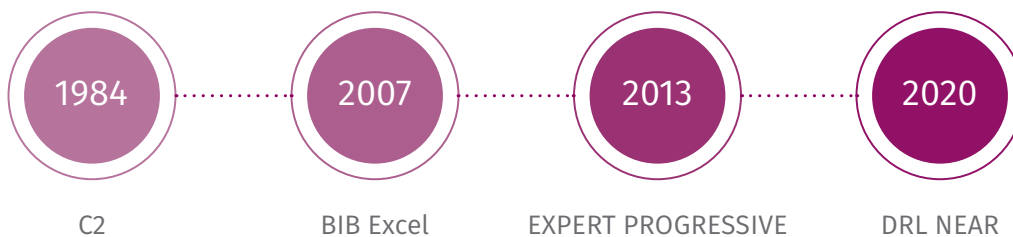
# ADVANCED VISION IN PRESBYOPIA

IN ORTHO-K AND DAYTIME WEAR



## Historical know-how 40 years of innovation

- Invention of the first progressive soft lens in 1984.
- Significant advances in the design of presbyopes rigid lenses with the "Slab Off" design.
- Ever more innovative designs to meet every need, from daytime wear to orthokeratology.



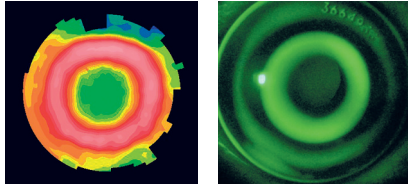
# DRL® NEAR

## Freedom of renewed vision

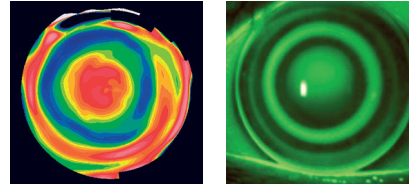
### ■ A UNIQUE DOUBLE TEAR RESERVOIR PATENTED DESIGN

### ■ “NEAR” CONCEPT

Enhanced vision with an optimised optical zone that increases aberrations to improve depth of field



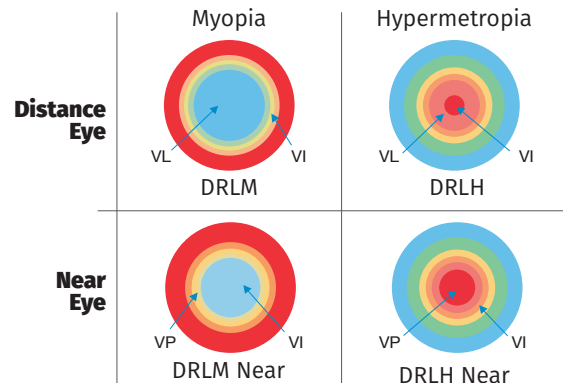
(1) DRLM : Central DV and peripheral NV



(2) DRLH : Central NV and peripheral DV

<p><b>MYOPIA + PRESBYOPIA</b> With or without astigmatism</p>	<p><b>DRLM / DRLT on the preferred DV eye</b> <b>DRLM Near / DRLT Near on the preferred NV eye</b> - Adjustment of the size of the optical zone to optimize the NV on the Near range. - Similar to a progressive lens with central DV.</p>
<p><b>HYPERMETROPIA + PRESBYOPIA</b> With or without astigmatism</p>	<p><b>DRLH on the preferred DV eye</b> <b>DRLH Near on the preferred NV eye</b> - In the case of a refractive addition greater than half the hyperopia to be corrected. - Similar to a progressive lens with a central NV.</p>

- **Favorite eye VL** : Preferred Distance eye: DRL design corrects DV and naturally generates depth of field for comfortable IV
- **Favorite eye VP** : DRL Near design, specifically for correcting NV, also provides comfortable IV due to depth of field



### ■ FITTING PROTOCOL:

- Maximum convex subjective refraction
- Addition of glasses
- Determination of the preferred NV eye (eye least bothered by a +0,75D lens on the DV correction)

Additional binocular refraction	
DV to be optimized	NV to be optimized
Add -0.25 or -0.50 on distance preferred eye	Add +0.25 or +0.50 on near preferred eye
↓	↓
Check NV	Check DV
If it's not enough, add -0.25 or -0.50 on both eyes	If it's not enough, add +0.25 or +0.50 on both eyes
↓	↓
CheckNV	Check DV
Apply additional refraction to the parameter H or M	

### ■ INDICATIONS

- Myopia up to -7.00D
- Hyperopia up to +4.00D
- Astigmatism upto -4.00D
- Presbyopia up to +3.00 Add
- Matériel : Boston XO or Optimum 100
- Handle tint: RE Violet / LE Blue

# EXPERT PROGRESSIVE & MVB

## Two daywear solutions for unrivalled quality vision

### PRELIMINARY EXAMINATIONS:

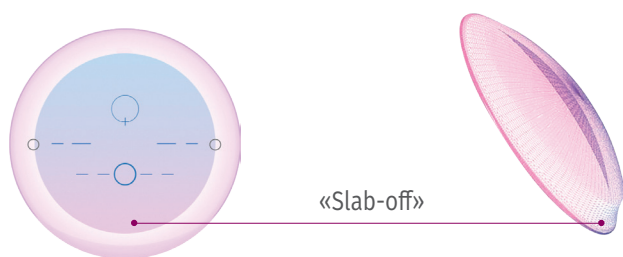
DV Refraction (maxi convex)/NV - Keratometry with axes or topography - Biometry

#### ■ EXPERT PROGRESSIVE

Visual excellence and precision of adaptation

##### ■ Innovative design conceived as a progressive lens for uncompromised NV, IV, DV visual results

- Large oz DV and NV
- Oz IV progressive
- Slab-off



O Alignment points located in the lower third of the pupil

##### ■ Fitting rule: Click & Fit or downloadable form on the website.

Corneal toricity	$\phi_T$	$r_0$
<40/100	9.00	Km
$\geq 40/100$	9.00	$r_0 = K - 0.05$ $r'_0 = K' + 0.10$
DV	GYD Ametropia - TLT value	
NV	Glasses addition	

##### ■ Range:

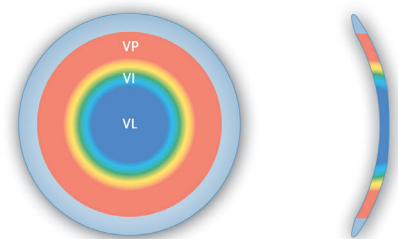
- $r_0$ : 7.20mm à 8.60mm by 0.05mm
- $\phi_T$ : 8.50 à 10.00 mm by 0.50mm
- Sph. -15.00D à +10.00D by 0.25D
- Cyl. TI -0.75 à -8.00 by 0.25
- TE -0.75 à -2.00 by 0.25 (1<sup>st</sup> trial in Expert DS)
- Axis 0 à 180° by 5°
- Add 1.00 à 3.50 by 0.25
- Adjustable periphery by 0.05
- Available in AG ( $\phi 9.80$ )

#### ■ MVB

Natural vision and ease of adaptation

##### ■ Progressive lens with central DV in alternating vision principle

- Aspherical design for optimum comfort
- Progression distributed on both sides for a quality of vision that limits aberrations

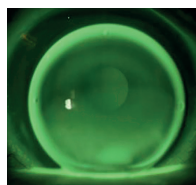


##### ■ Fitting rule: Click & Fit or downloadable form on the website.

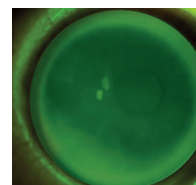
Corneal toricity	$\phi_T$	$r_0$
<30/100	9.60	Km-0.10
Between 30 and 40/100	9.60	Km
>40/100	9.60	$r_0 = K - 0.25$ $r'_0 = K' - 0.10$
VL	AGYD Ametropia - TLT value	
VP	Glasses addition	

##### ■ Range:

- $r_0$ : 7.00mm to 8.40mm par 0.05mm
- $\phi_T$  9.20 / 9.60 / 10.00
- Sph. -15.00D à +8.00D by 0.25D
- Cyl. TI -0.75 à -6.00 by 0.25
- TE -0.75 à -2.00 by 0.25 (1<sup>st</sup> trial in MVB)
- Axis 0 à 180° by 5°
- Add 1.50 à 3.00 by 0.50



See fitting guides





- FIND OUR CONTACT LENSES ON [www.precilens.com](http://www.precilens.com)  
To discover all our documentation, tutorials, videos, studies and clinical cases



Documentation



Tutorial videos



- DISCOVER **Click & Fit** SOFTWARE for quick and easy fitting of Precilens lenses

- Calculation of the first lenses from the imported topography or from the capture of keratometry and refraction.
- Simulation of fluorescent images.
- Optimizing adaptation as controls are applied.
- Backup of files to allow monitoring.
- Customizable PO printing.

Discover it on [www.precilens.com/en/click-fit.php](http://www.precilens.com/en/click-fit.php)  
Free of charge download available in the section MY ACCOUNT.



## COMPATIBLE topographers:

Atlas 9000 (Zeiss)	OPDScan (Nidek)
CSO Phoenix Sirius (Medical Deveyes)	Orbscan II (Bausch & Lomb)
Easygraph (Oculus)	Pentacam (Oculus)
Keratograph (Oculus)	TMS 4 (Tomey- EBC Europe)
Keratron Scout (Menicon)	TMS 5 (Tomey- EBC Europe)
Medmont 6 (Medmont)	Topcon CA 100/200 (Topcon)
Memdont 7 (Medmont)	WAM800 (Essilor)

