

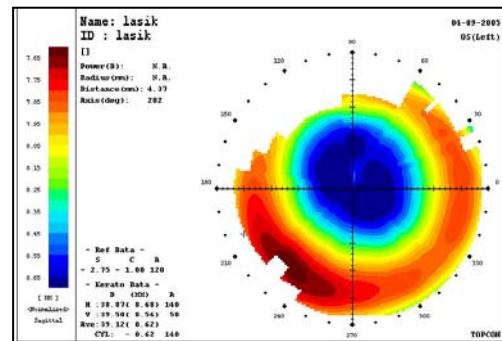
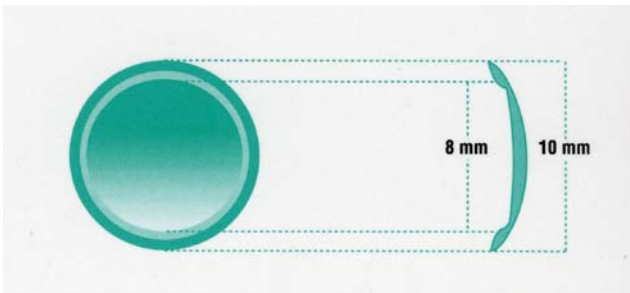
# Menicon Plateau

## Indication(s)

The design with reversed borders is specific to irregular corneas fittings, After surgery and when cornea is flatter at the center than on periphery. (Rigid gas permeable lens, on a daily wear basis).  
The lens fitting with Plateau is only considered after complete healing of the corneal epithelium.

- Recommended lens replacement < 2 years.
- Daily wear.

## Design



12 lenses plan $\varnothing_T$ 10.00 mm / $\varnothing_0$ 8.00 mm					
From flattest $r_0$		to steepest $r_0$			
Flattest $r_1$	↓	37.00/2	38.00/2	39.00/2	40.00/2
Steepest $r_1$		37.00/3	38.00/3	39.00/3	40.00/3
most curved		37.00/4	38.00/4	39.00/4	40.00/4

## Range

$r_0$	Reversed radius $r_1$	$\varnothing_0$	$\varnothing_T$	Spherical powers (D)
From 48.00 D to 33.00D (7.00 mm to 10.25mm)	The most curved from 1 to 7 D In relation to the $r_0$ or $r_0 - 0.20$ to $r_0 - 1.40$ mm*	8.00 for $\varnothing_T$ 10.00 $\varnothing_0$ variable per 0.10	10.00 And other possibilities from 8.00 to 11.00	+ 20.00 to - 20.00
25 D steps (0.05mm)	0.05			0.25

\*The diopters evolve conversely to the mm  
 $D = 337.5 / r_0 \rightarrow$  To tighten it, the D value must be increased

- Material : Menicon Z or EX.

## Fitting rules

### Fitting advices :

- **To choose the  $r_0$  of the first lens, steepen the K value 0.20 mm (~ 1 D).**  
 $r_0 = K - 0.20$  mm or  $r_0 = K + 1D$  ( $KK'$  determined via keratometry, SIMK SIMK' via videotopography).  
**Warning : when calculating in diopter, K corresponds to the lowest value.**
- **To determine the  $r_1$ , start with  $r_1 = r_0 - 0.40$  mm or  $r_1 = r_0 + 2D$**   
Ex : K 9.12 mm (37.00 D) K' 8.43 mm (-40.00 D)  $r_0$  : 38.00 D  $r_1$  : 38.00 + 2 D (lens order 38 / 2).
- **To note (Information) :**
  - In radial post-keratometry, the first trial lens will have an  $r_1$  value steepened with 2 D.
  - The post-graft equipments need more curved peripheries or higher  $r_1$  values (3 D or more).
  - $\varnothing_0$  variable in 0.10 mm steps on the fitter's request.

### Fitting control:

Slit lamp 1) **White light : centering and movement of the lens:**

A slight decentration can be tolerated if the lens movement is correct.

2) **Movement and static fluo test :** When the renewal of the tearpooling is satisfying:

- a slight bearing KPS can be tolerated
- a limited fluo accumulation zone (irregularities of the operated corneal surface).

**If the peripheral contact is important** → steepen the periphery, by decreasing the  $r_1$  D value.

**If the edge of the lens loosen up** → steepen the periphery, by increasing  $r_1$  D value.

**Special recommendations :** It is particularly important to draw patient's awareness about caring rules and planning for the regular check up.

## Lens care

**MeniCare Plus :** For daily care.

**Progent :** Once a week for intensive cleaning (protein remover) and disinfection.

