

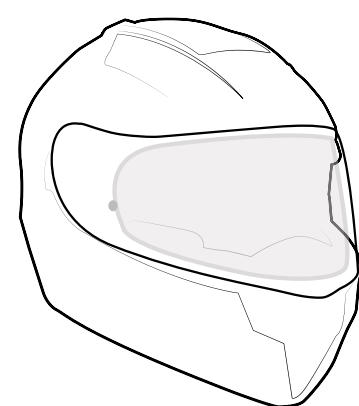


 **PINLOCK**®

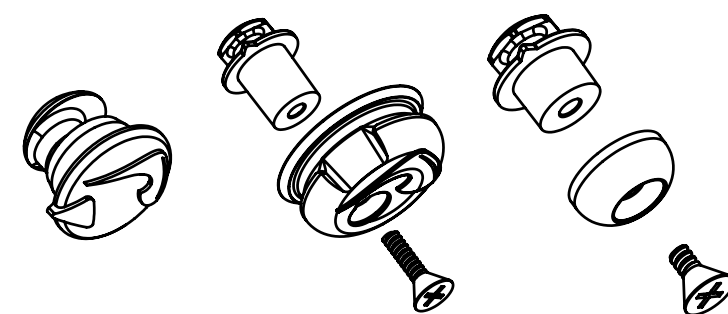


# ABOUT PINLOCK® SYSTEMS B.V.

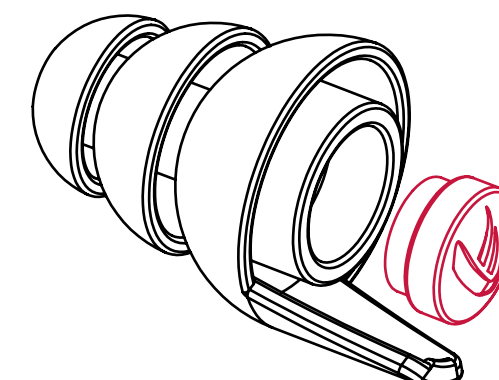
Pinlock® creates safety products that enable motorcycle riders to maximize their riding experience while keeping them safe. Pinlock® is world-wide recognized, by industry professionals and consumers, for its top performing fog-resistant insert lenses. Pinlock® provides a clear fog free vision for riders for over 20 years. By supplying the Pinlock® system to the world's most premium brands, Pinlock® is used by over millions of riders around the globe. With the company's success for its fog resistant insert lenses, Pinlock® is now expanding the reach in the motorcycle safety market by introducing innovative safety technologies such as the Pinlock® Adjustable Protection System and the Pinlock® Overlay system to provide riders for all riding conditions.



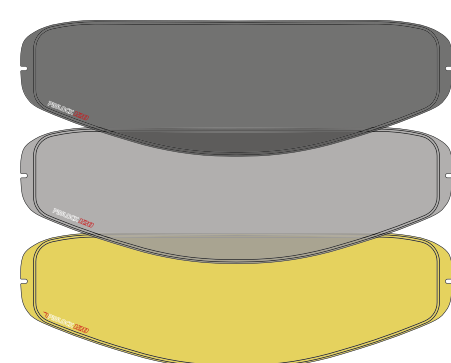
**PINLOCK® LENSES**  
100% MAX VISION



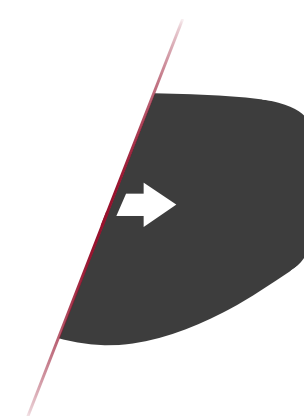
**PINLOCK® PINS**  
HOW TO INSTALL



**PINLOCK® EARPLUGS**



**COLORED LENSES**  
PROTECTINT™



**PINLOCK® OVERLAY**



**PINLOCK® CARE**

PINLOCK® ANTI-FOG LENS



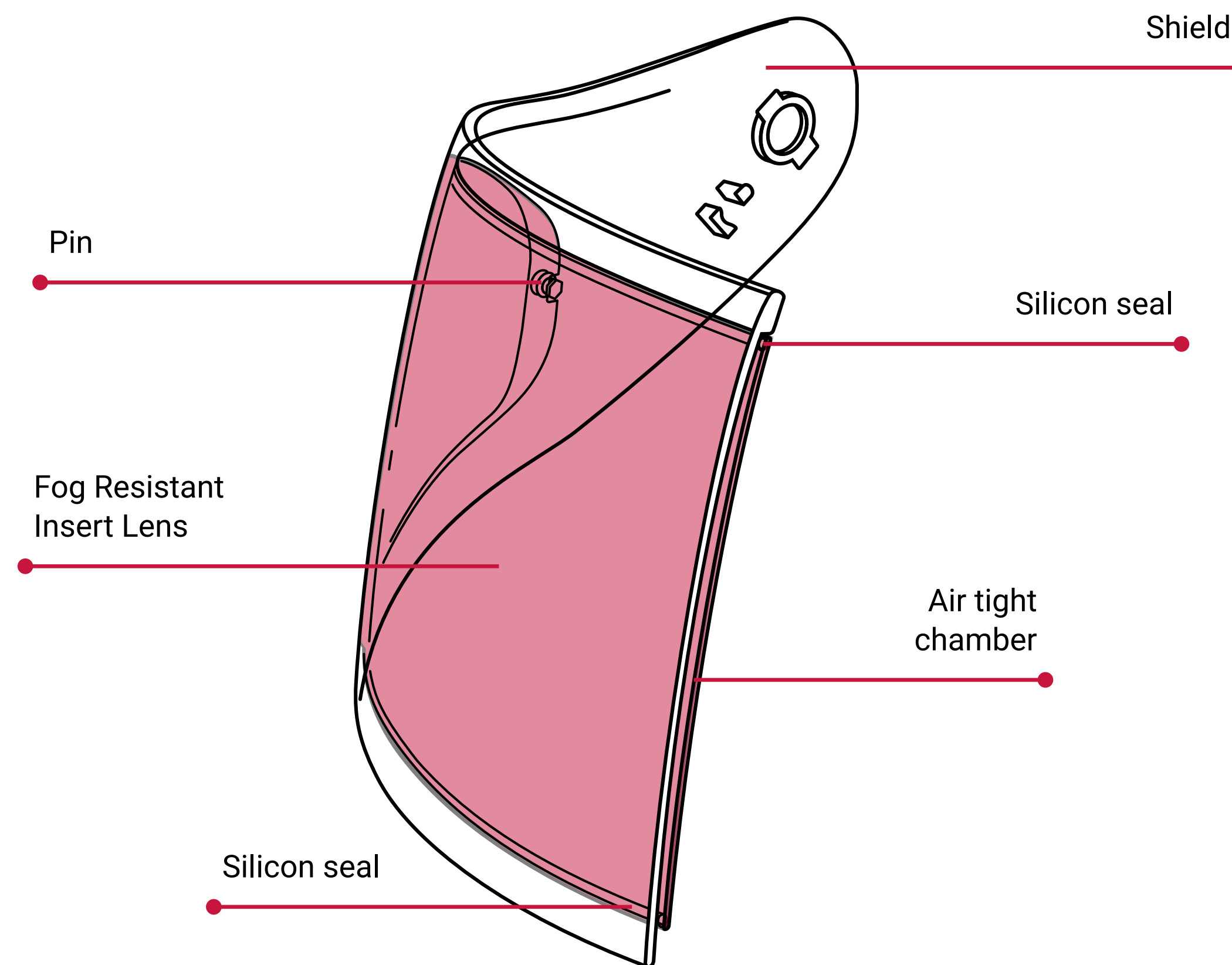
PINLOCK® 770

Kabuto

## PINLOCK® ANTI-FOG LENS

### THE LENS SYSTEM

The inner part of the Pinlock® is lined with a silicon bead, which forms an air-tight chamber when it is installed against the inside of the face shield. The pocket of air that is trapped in between the lens and shield acts as an insulator for the inside temperatures in the motorcycle helmet. Efficient absorption properties combined with the double glazed like feature, the Pinlock® lens insert is the most effective, durable and affordable anti-fog solution on the market.



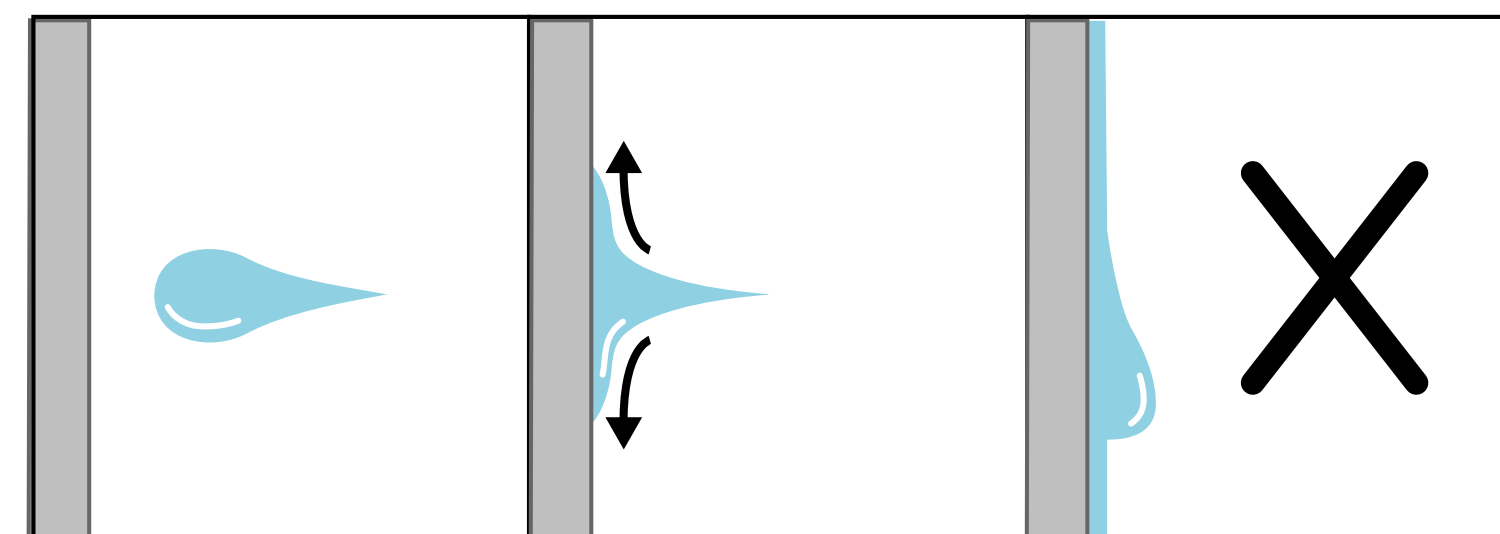


## PINLOCK® ANTI-FOG LENS

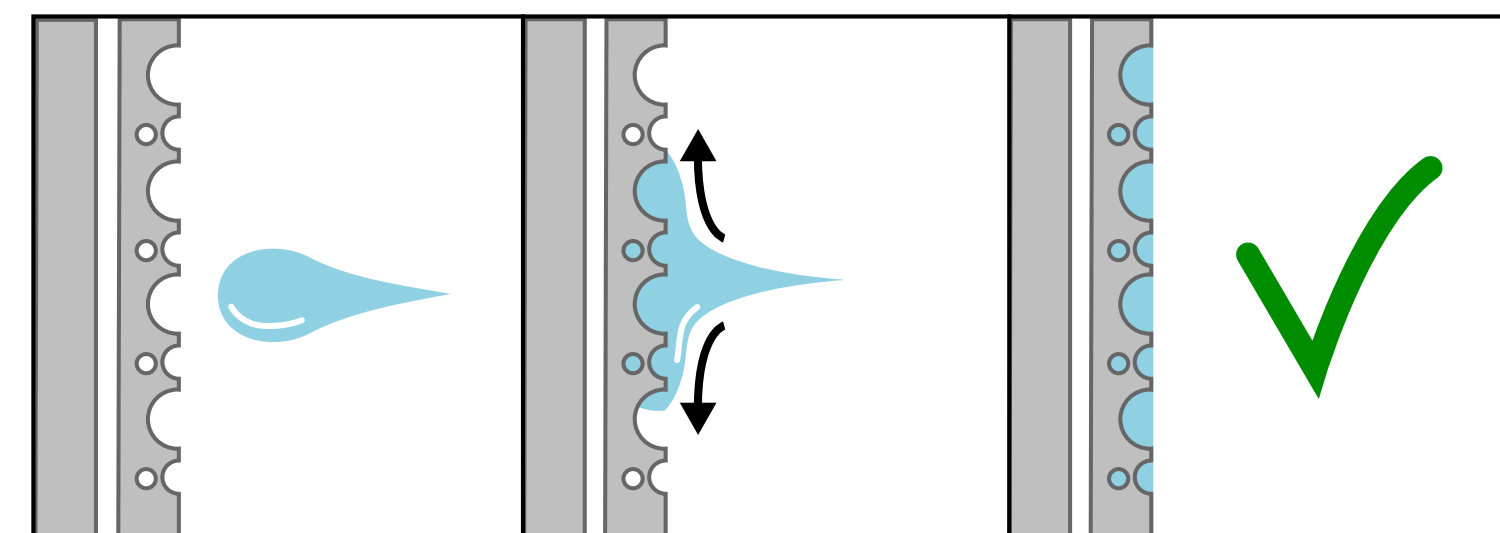
### DRY HYDROPHILIC TECHNOLOGY

The Pinlock® shield insert is made out of a material that contains moisture absorbing properties, which reacts like a sponge and absorbs moisture effectively, to keep your helmet shield fog free.

### REGULAR SHIELD SURFACE



### PINLOCK® INSERT SURFACE



## PINLOCK® ANTI-FOG LENS

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We offer three different performance levels in our range of insert lenses, to enable everyone to enjoy a clear and fog-free vision when riding. The insert lenses range consists of Pinlock® 30, Pinlock® 70 and Pinlock® 120. The number is used to describe the level of fog free clearance that the insert lenses provides.

### PINLOCK® 30

The Pinlock® 30 fog resistant insert lens is Pinlock®'s entry-level solution, easily outperforming the ECE standard's mist-retardant test. The Pinlock® 30 lens is available in one size, one color and fits only Pinlock® 30 prepared helmets.

### PINLOCK® 70

The Pinlock® 70 fog resistant insert lens is our premium solution. This lens has become the global benchmark for fog resistant performance and is most commonly used across the world. It offers the rider the perfect fit for the daily commute.

### PINLOCK® 120 / EVO

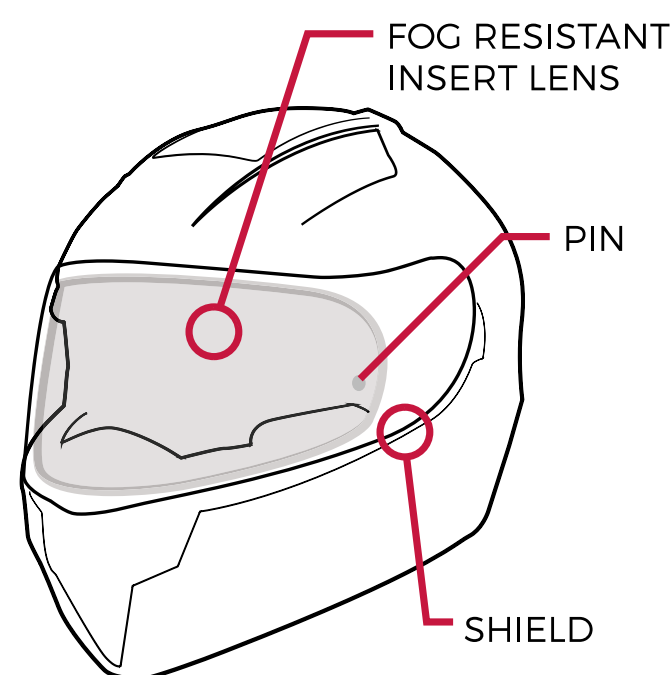
The Pinlock® 120 fog resistant insert lens is the solution for professionals. This lens is especially developed for usage in highly demanding conditions such as on the racetrack or adventure riding. The Pinlock® 120 insert lens has proven its extreme performance in premier racing series like WSBK, MotoGP and Formula 1.



# PINLOCK® ANTI-FOG LENS

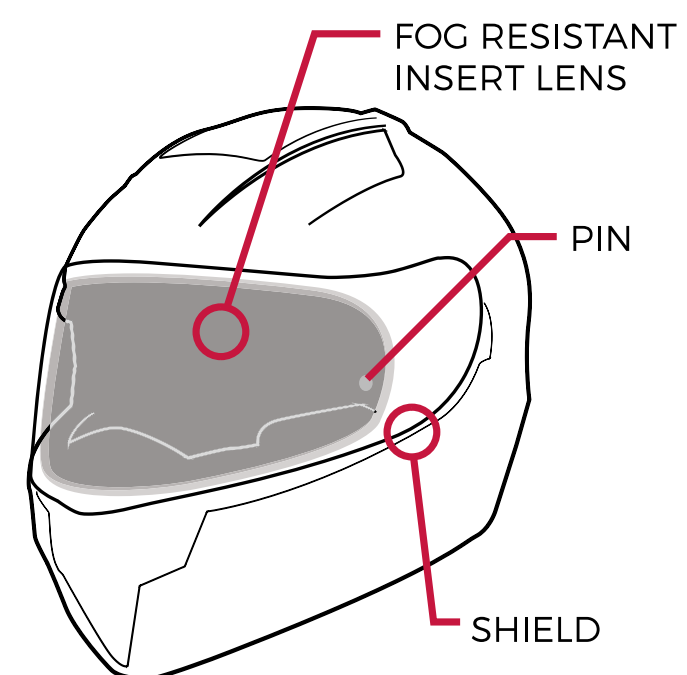
## COLORED INSERT LENSES

Carrying tinted or colored shields while riding to keep up with challenging weather condition can be a real hassle, due to the hard form and bulky size of helmet shields. With this issue in mind we developed a solution for motorcycle riders. We expanded the Pinlock® insert lens range by including colored insert lens options. These lenses provide both clear fog free vision and interchangeability. The colored lenses are offered in the Pinlock® 70 and Pinlock® 120 performance level options. Pinlock offers a total of four colors to support the rider in each weather type.



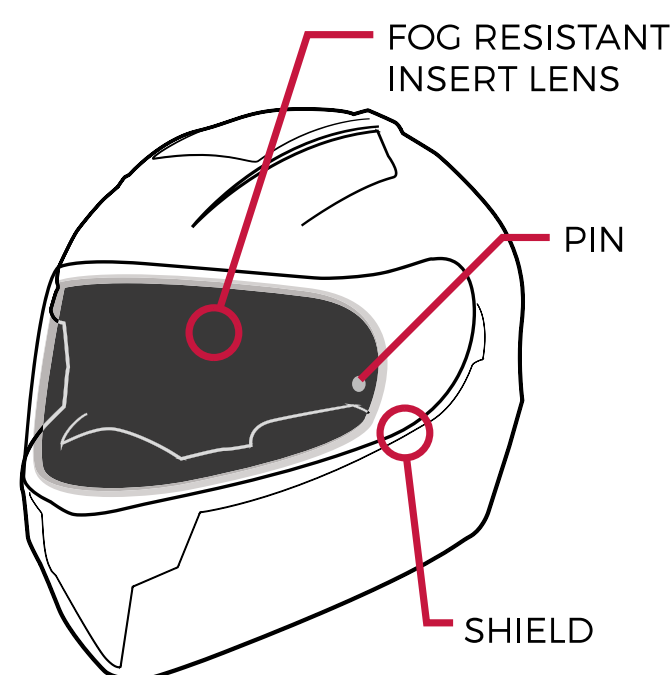
### CLEAR

This insert offers you clear and fog free vision under all weather conditions.



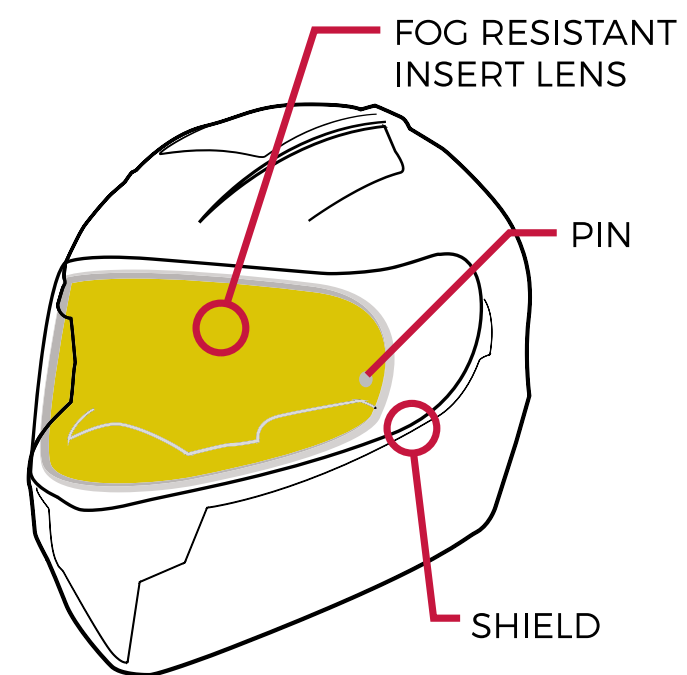
### LIGHT SMOKE

This slightly tinted insert offers comfortable vision under partially cloudy skies conditions.



### DARK SMOKE

This dark tinted insert provides excellent protection against the most brilliant of sunshine.



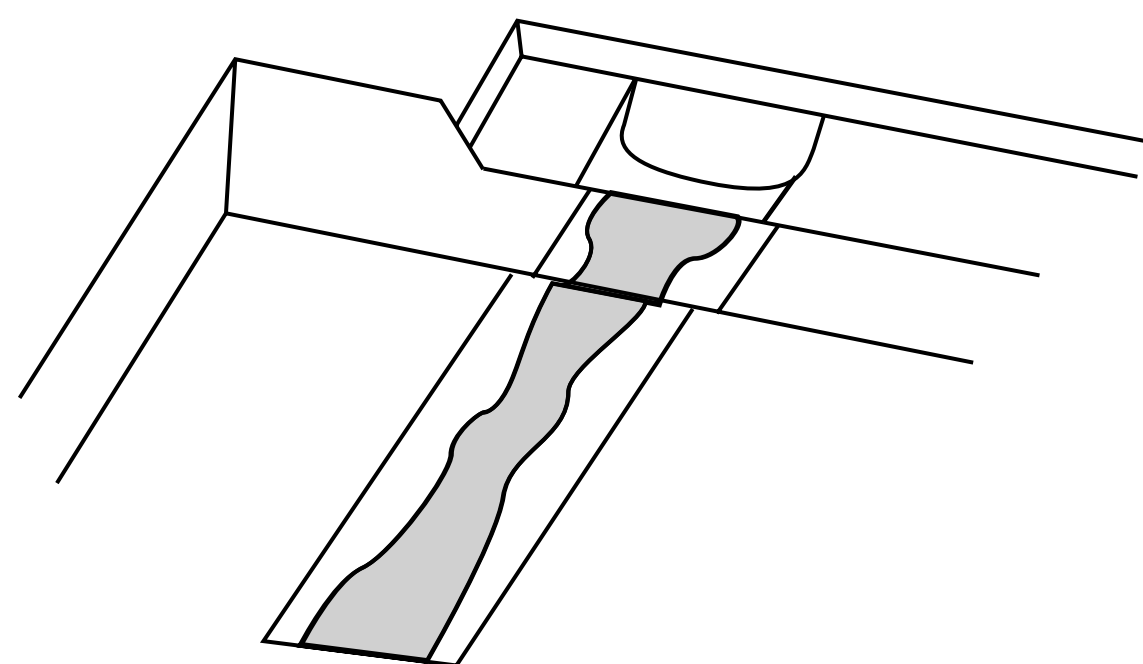
### YELLOW

This yellow colored insert provides more contrast during misty and rainy weather types and enhances depth perception.

## PINLOCK® ANTI-FOG LENS

### PINLOCK® 100% MAX VISION

The Pinlock® 100 % Max vision insert lenses provides a maximum lens coverage area within the helmet shield. The extended coverage of the Max vision lens reaches to the edges of the face shield to provide a larger fog resistant cover area. By working closely together with helmet manufacturers a custom cavity area is designed. This cavity integrates the lens into the helmet shield assuring the perfect fit.



### CAVITY

Pinlock® works closely with helmet manufacturers to develop custom cavity areas to fit the Pinlock® 100% Max Vision® insert lens deeper in the helmet face shield.

100% MAX  
VISION SLIT





# PINLOCK® ANTI-FOG LENS

PINLOCK® 100% MAX VISION





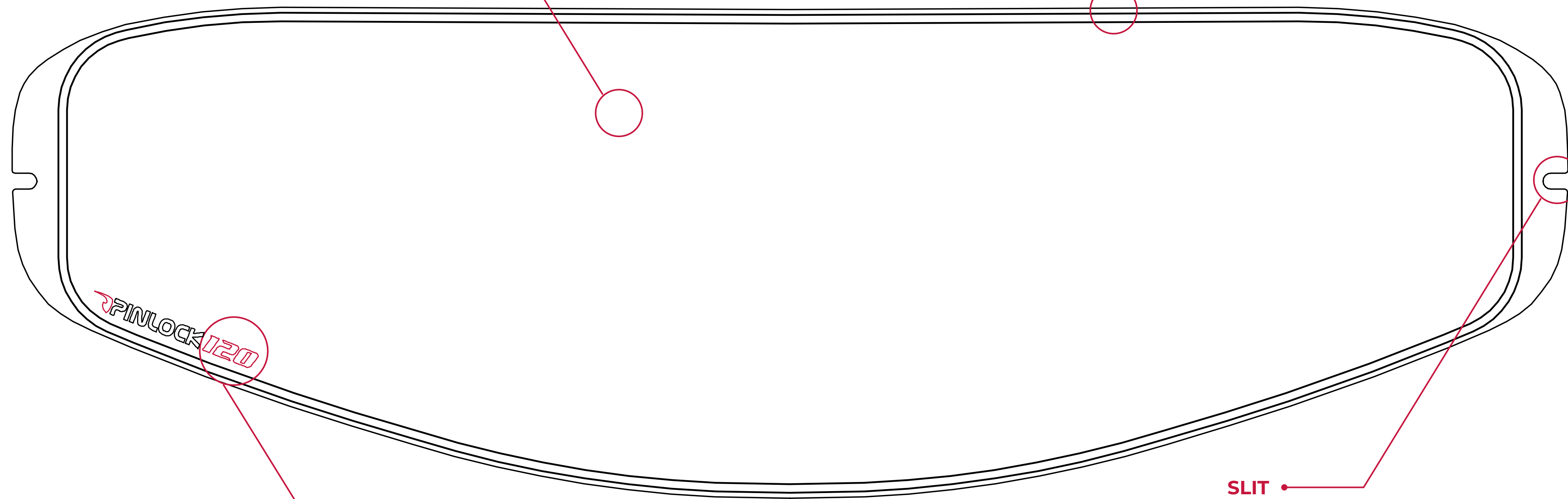
# PINLOCK® ANTI-FOG LENS

**DRY HYDROPHILIC TECHNOLOGY**

Moisture is absorbed and contained within the hydrophilic itself, which keeps the surface of the lens dry.

**SILICON SEAL**

The silicon seal on the Pinlock® lens creates an insulating air pocket between the Pinlock® lens and the helmet shield.



**PERFORMANCE LEVEL**





The insert lenses range is Pinlock® 30, Pinlock® 70 and Pinlock® 120.

**SLIT**

The slit keeps the insert lens steady and tight between the face shield and pin.



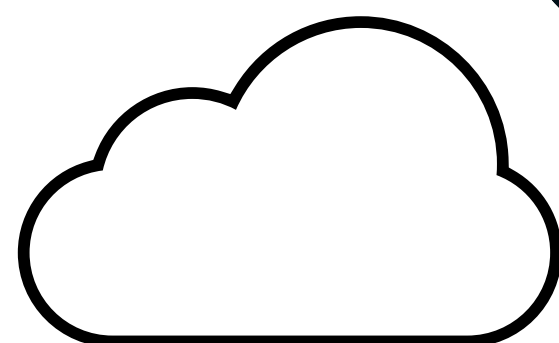
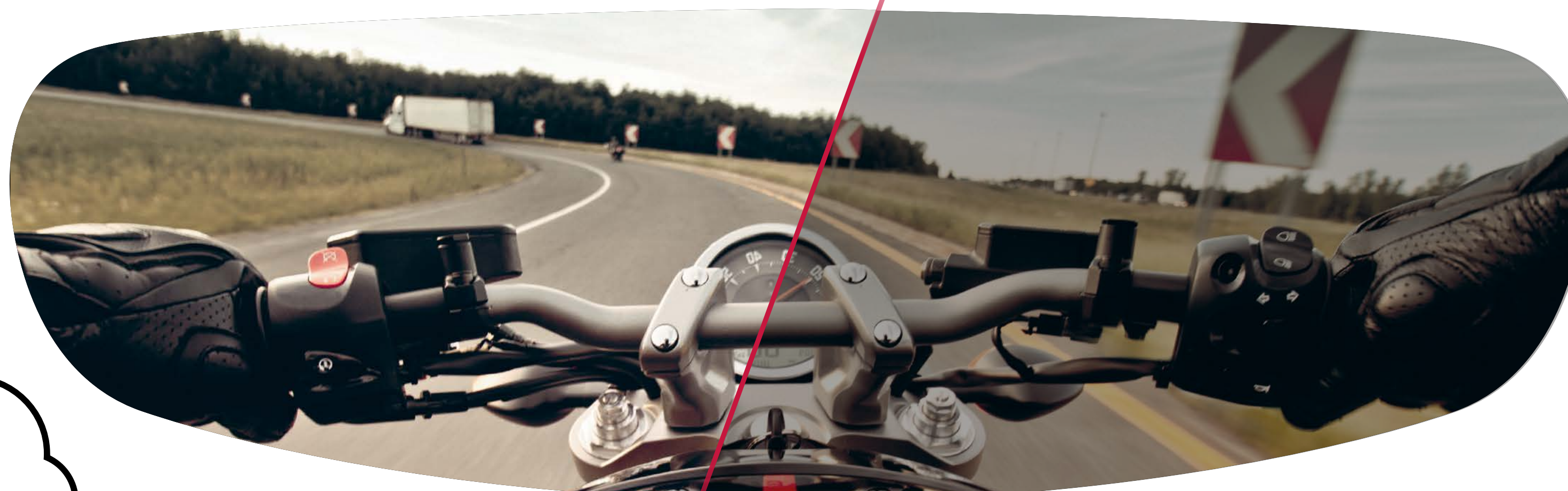
# PINLOCK® ANTI-FOG LENS

				
<b>FOG RESISTANT LEVEL</b>	Good	Strong	Extreme	Extreme
<b>STANDARD</b>	Entry Level	Mid Range	Professional	Professional
<b>100% MAX VISION®</b>	Not Available	Available	Available	Available
<b>COLORED LENSES</b>	Not Available	Available	Available	Available
<b>LENS FIT</b>	One Fit	Custom	Custom	Custom



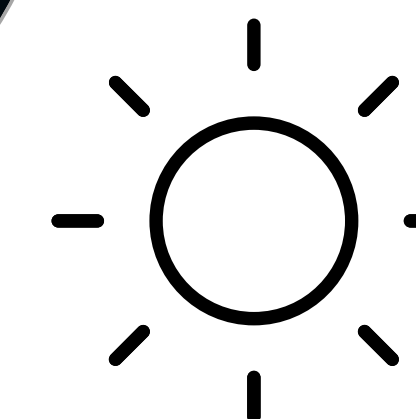
## PINLOCK® PROTECTINT™

The Pinlock® ProtecTINT™ sun reactive insert lens changes its tint from clear to light smoke in a matter of seconds, while keeping your helmet face shield fog free throughout the ride. This lens is especially developed for all weather riders because the insert lens reacts to UV light conditions.



### CLOUDY WEATHER

During cloudy weather (low light conditions), the photochromic molecules embedded in the Pinlock® ProtecTINT™ insert lens remains inactive allowing light to fully pass through the insert lens.



### SUNNY WEATHER

When the Pinlock® ProtecTINT™ insert lens is exposed to sunlight (UV light), the photochromic molecules will expand and form a layer that blocks out UV light which creates a light smoked tint in the insert lens.



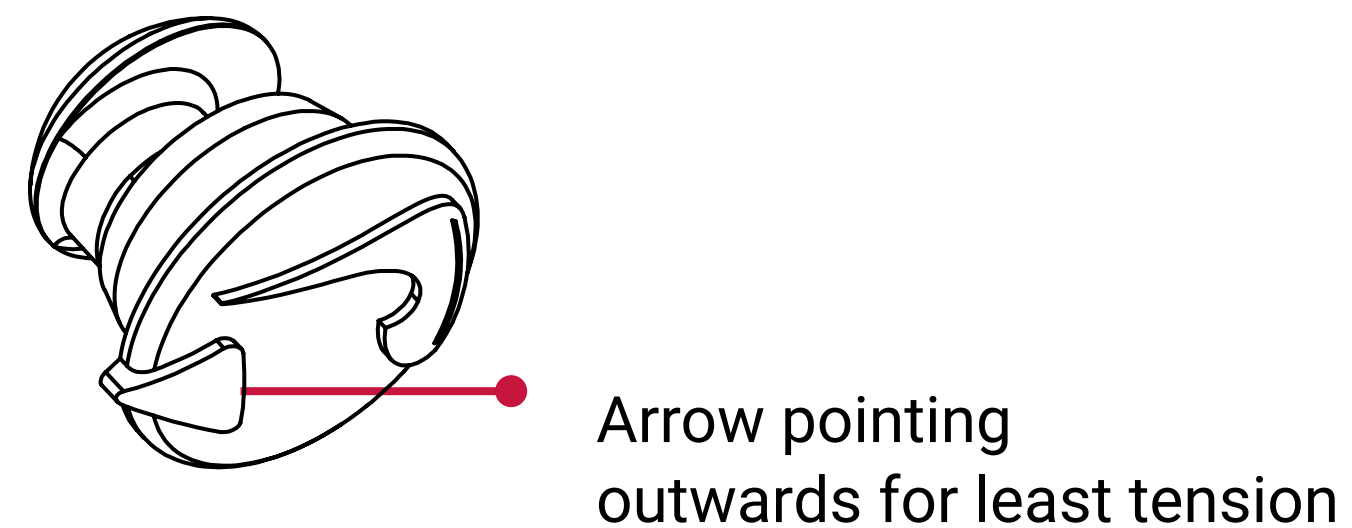
# PINLOCK® PINS



# PINLOCK® PINS

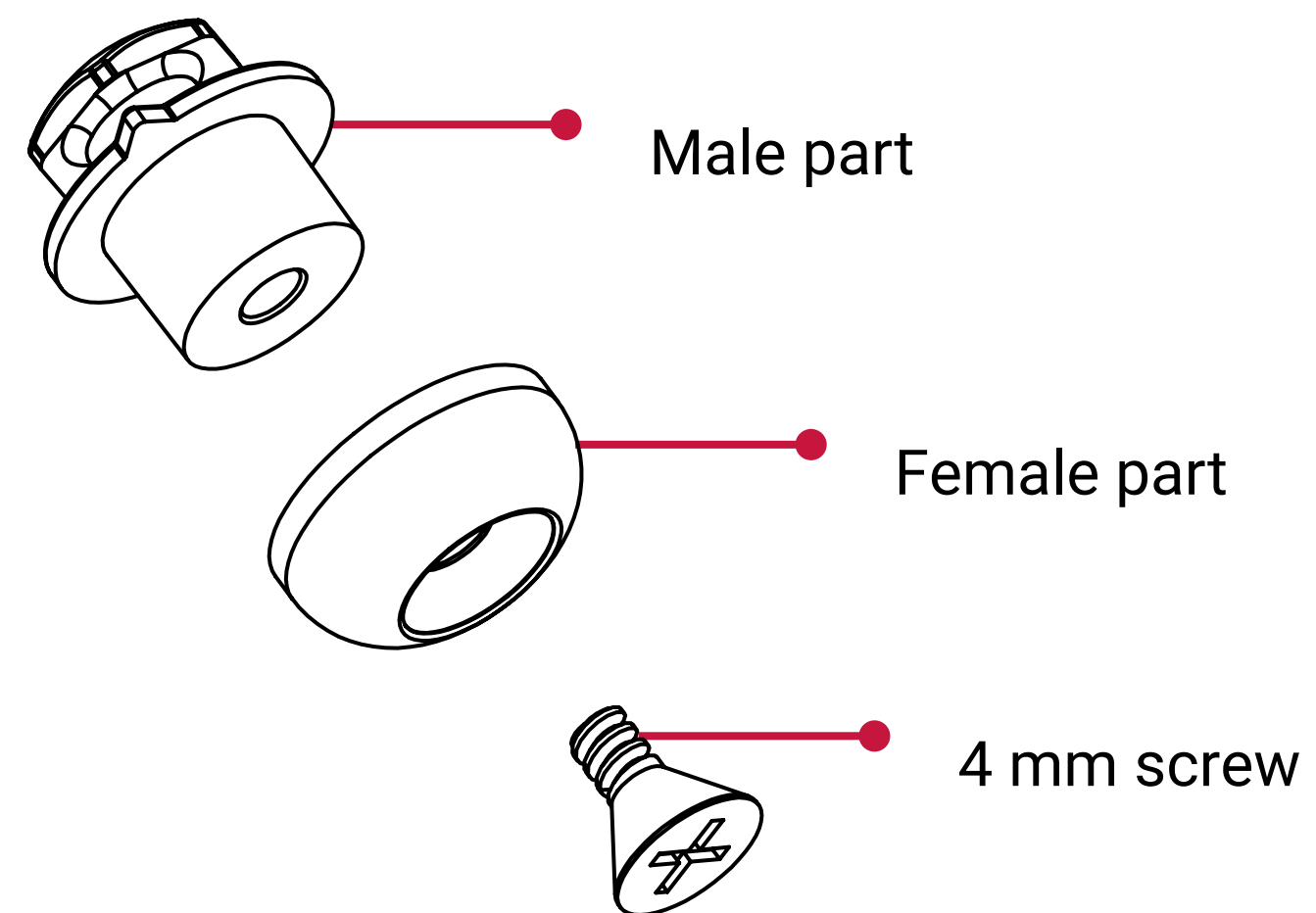
## PUSH PIN

The Pinlock® Push Pin is the system that is commonly used on most helmets on the market.



## 3 COMPONENT PIN

The Pinlock® 3 Component Pin System is a thicker version of the Push Pin. It splits into 3 parts that consists of the female component, male component and a 4 mm screw that holds the pin together.



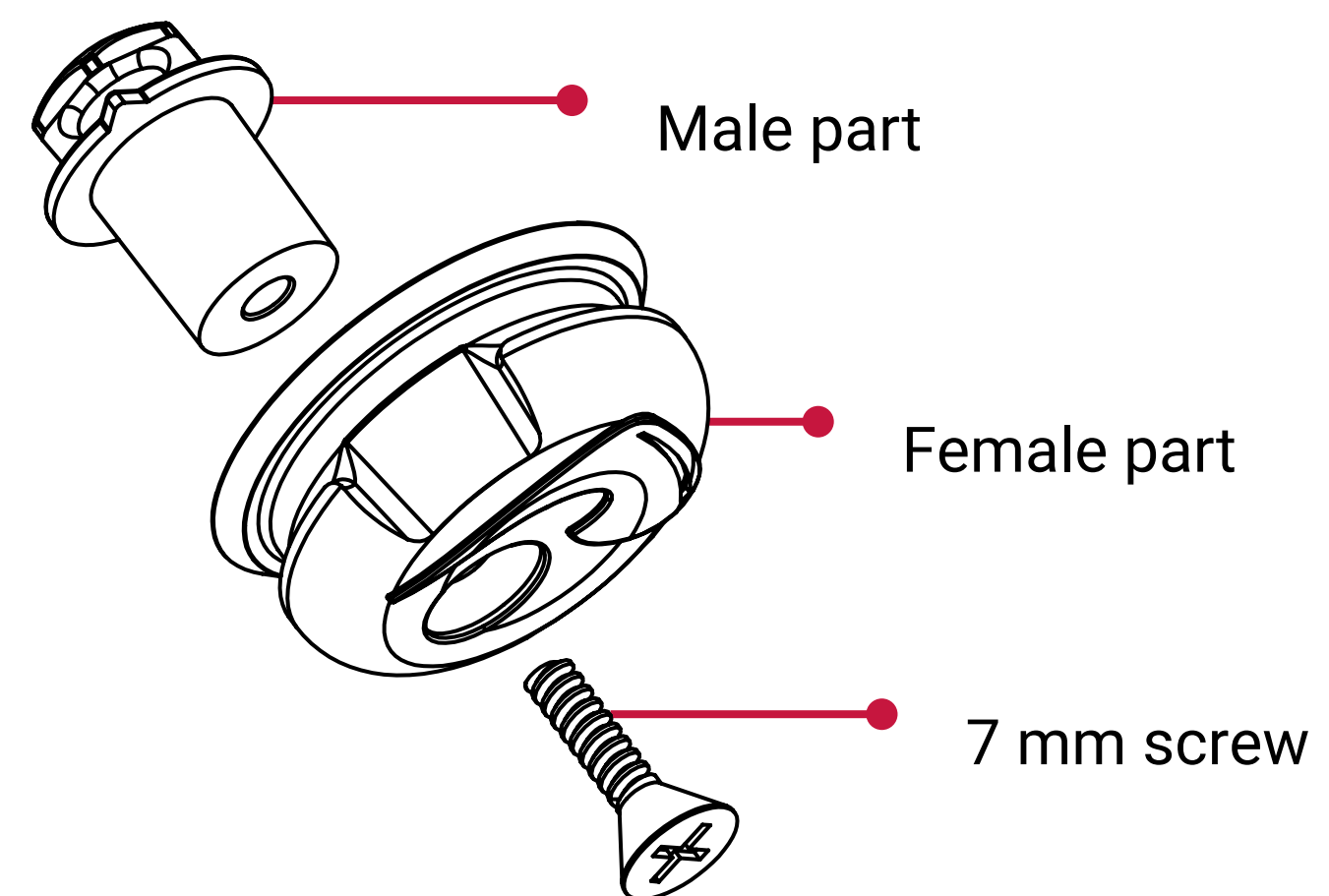


## PINLOCK® PINS

### TEAR OFF PIN

The Tear Off Pin is based on the 3 Component Pin.

The male component part has been developed to hold the extra Tear Off Pin on the outside of the helmet face shield.



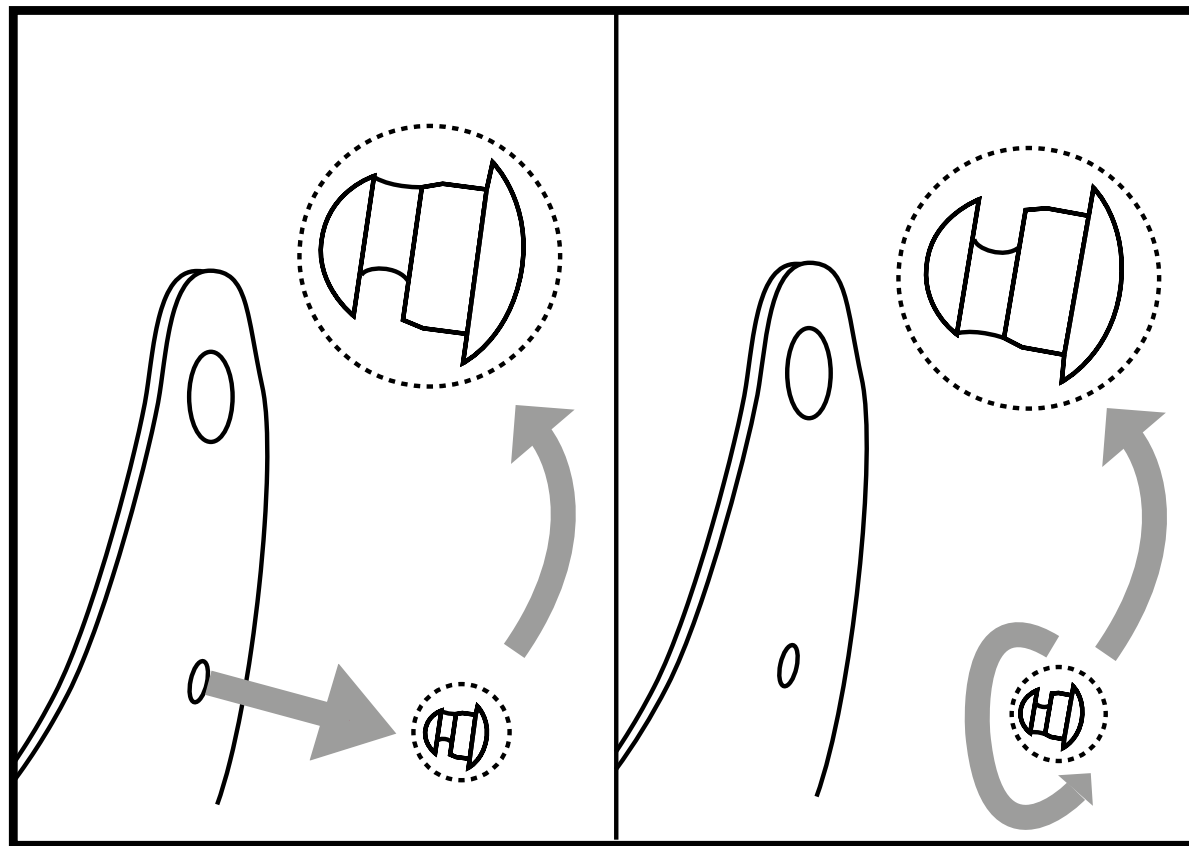
# PINLOCK® PINS

## ADJUSTING THE LENS TENSION

The position of the eccentric part is marked by a small indicator.  
Rotating the pin so the indicator points inwards increases the tension.

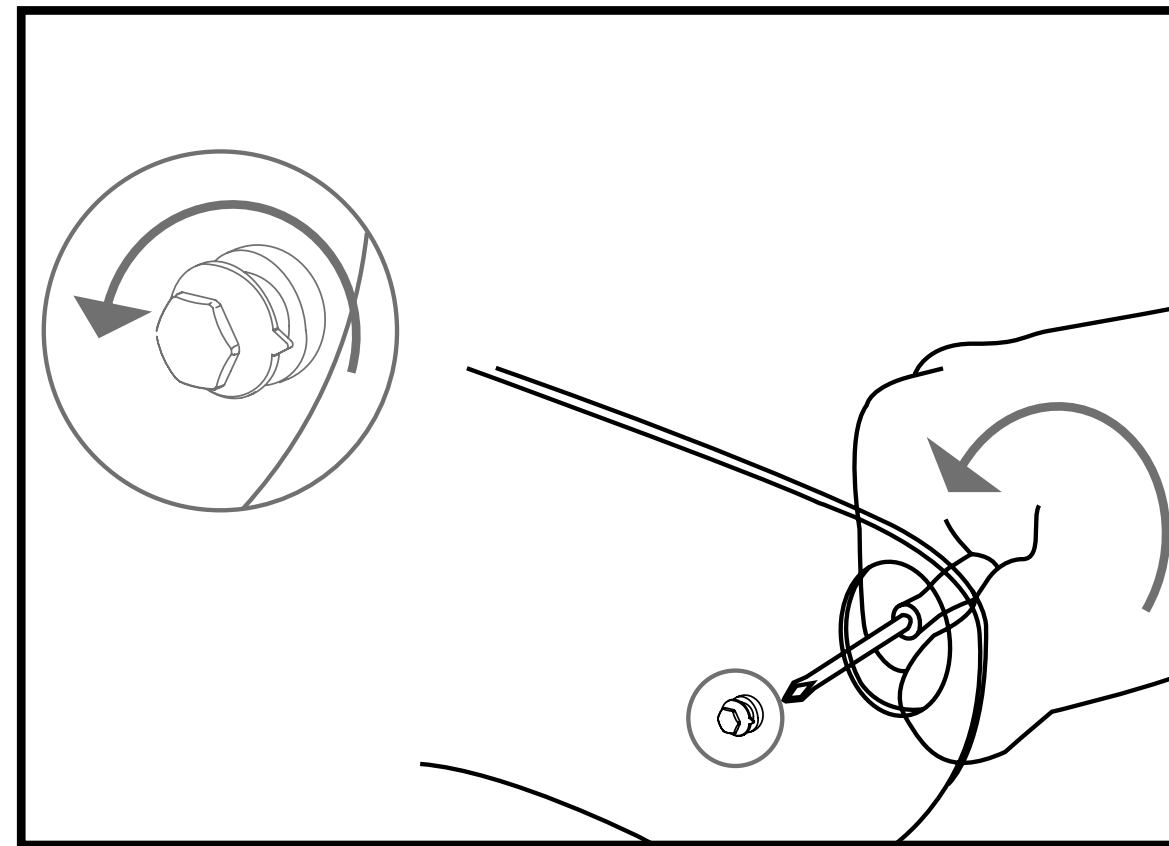
### PUSH PIN

Adjust the pins by pushing them outwards and turning them with your fingers before pushing them back.



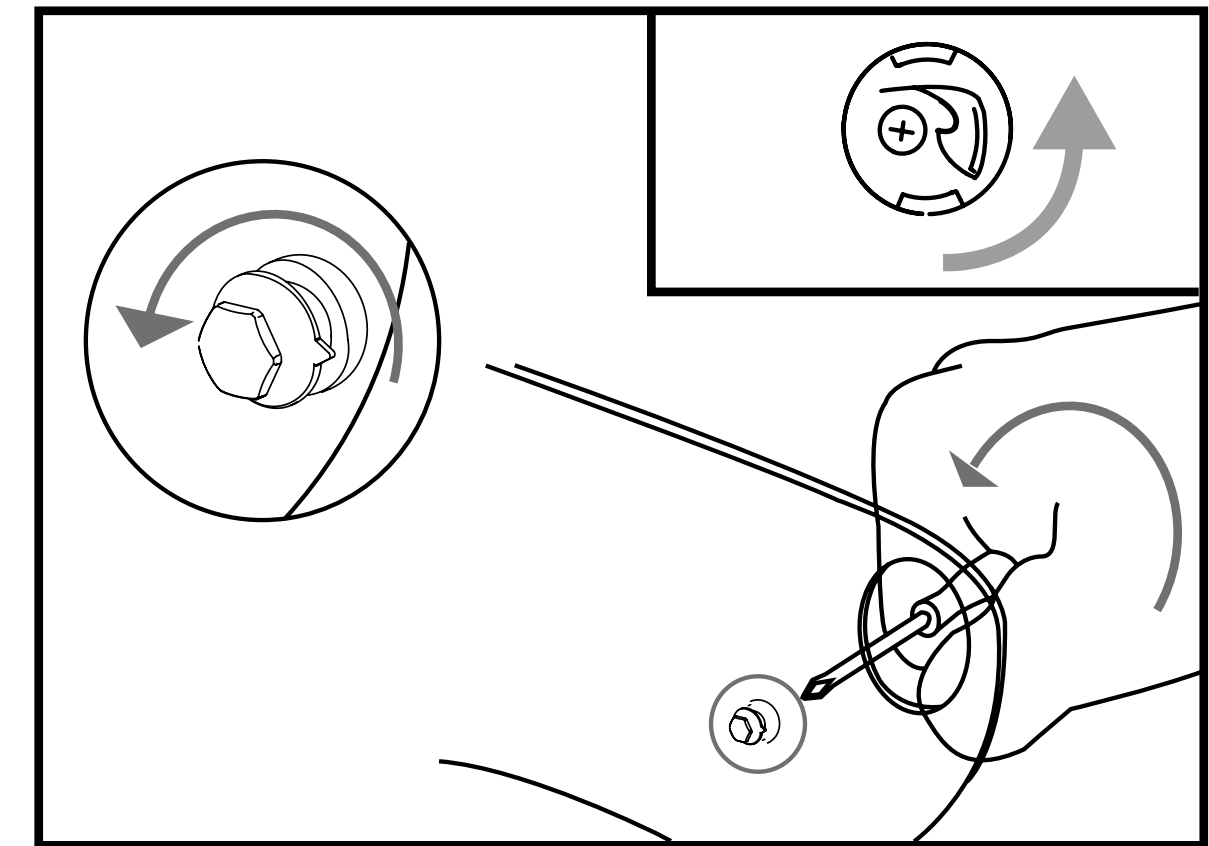
### 3 COMPONENT PIN

Adjust the pins by turning them from the outside using a small (PH0) screwdriver.



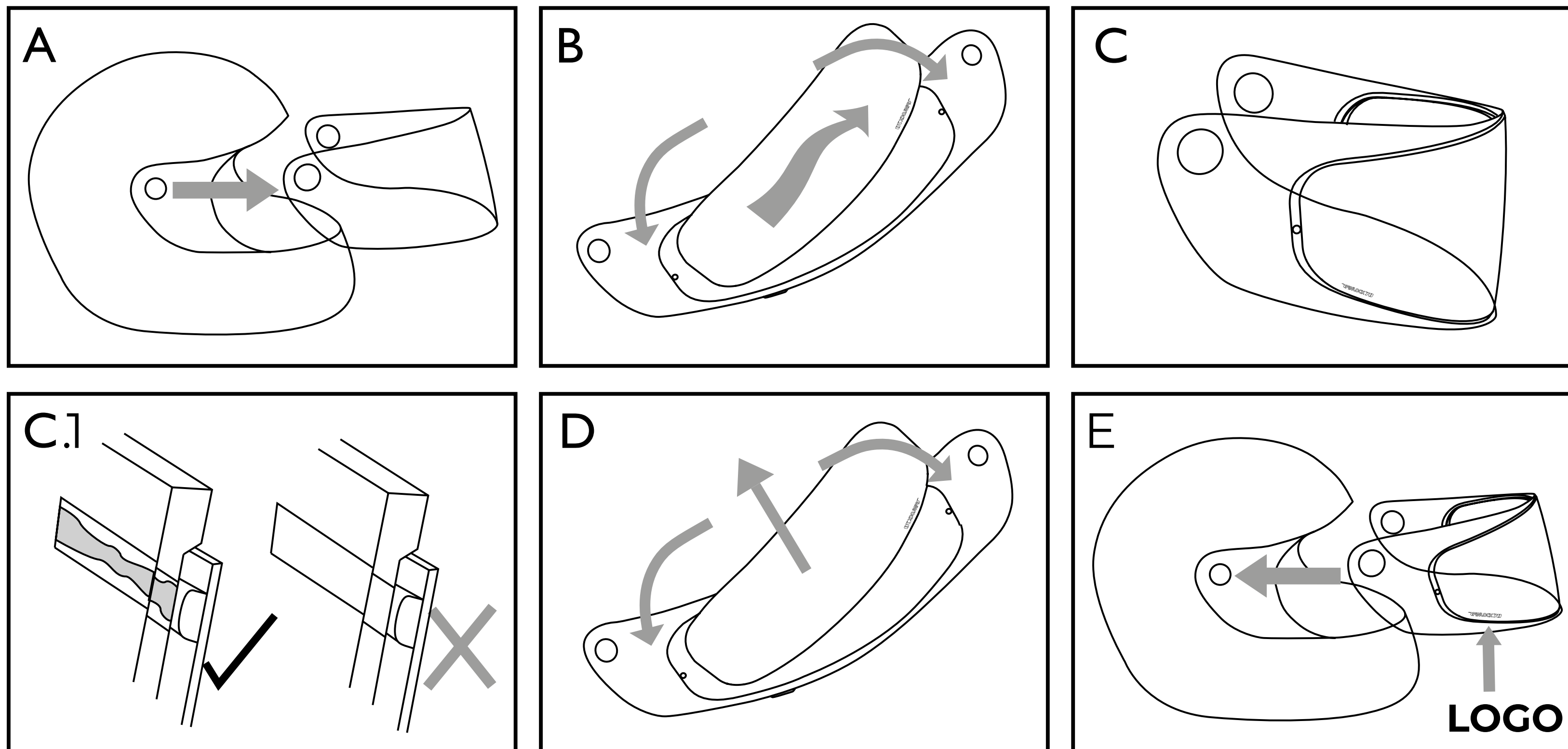
### TEAR OFF PIN

Adjust the pins by turning them from the outside using a small (PH0) screwdriver.





# PINLOCK® LENSES: HOW TO INSTALL



PINLOCK® OVERLAY



PINLOCK OVERLAY

ODS

ATSA





## PINLOCK® OVERLAY

### PINLOCK® OVERLAY: THE FINAL ANTI-GLARE SOLUTION

Motorcyclists know the problem since the very day they start riding: annoying sun glare. Bright sunlight is not only tiring, it may diminish your view significantly and eliminates potential hazardous riding conditions.

The Overlay doesn't use a vulnerable coating on the outside, but a UV-sensitive photochromatic film sandwiched between two premium quality polycarbonate layers. These layers are treated with a special anti-scratch coating without any UV-blockers. The Overlay is mounted on the outside of the helmet shield. The specially developed Pinlock® Tear-Off Pins accommodate both the Overlay on the outside and the Pinlock® anti-fog insert lens on the inside of the shield.



# PINLOCK® EARPLUGS

## HIGH PERFORMANCE

Noise reduction rate up to 24 DB (ANSI and ECE certified)

## LONG LASTING

Reusable, fully washable tips and filters.

## CONVENIENT

Can be used in combination with an intercom system.

## BALANCE

Unlike disposable earplugs, the Pinlock® Earplugs do not affect the balance of the motorcyclist.

## PERFECT FIT

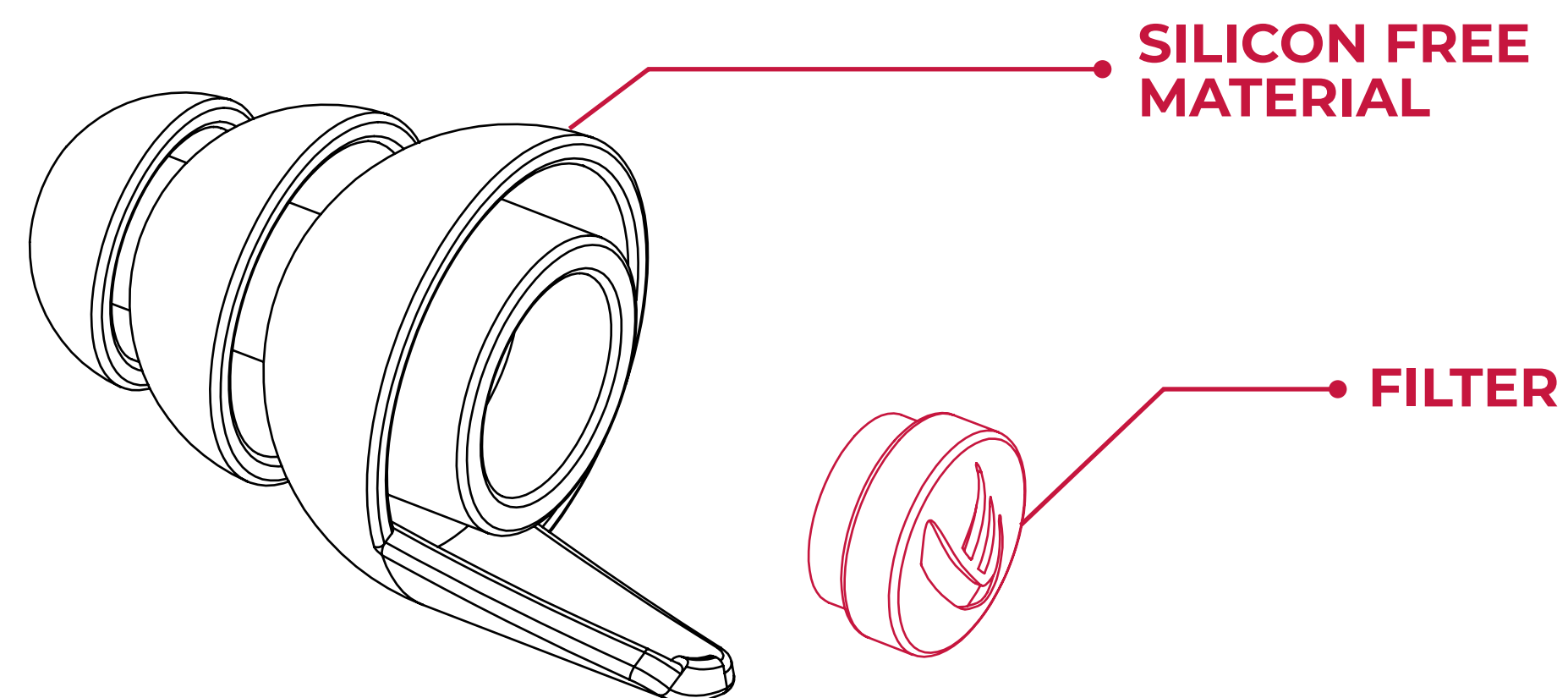
Two sizes included, to ensure a perfect fit for every motorcyclist.

## PREMIUM QUALITY

Pinlock® Earplugs are 100% developed and manufactured in the Netherlands.

## INTERCOM FRIENDLY

The advanced precision filter blocks wind noise, harmful to the ear, without causing muffled hearing.





# PINLOCK® CARE

## INTERIOR FRESH

Pinlock Interior Fresh perfectly made to refresh the inside of your helmet, which is either difficult to wash or can't be washed at all.



## VISOR CLEAR

Pinlock Visor Clear cleaning cloths are developed to clean your Pinlock insert lens.







 **PINLOCK**®