THALES

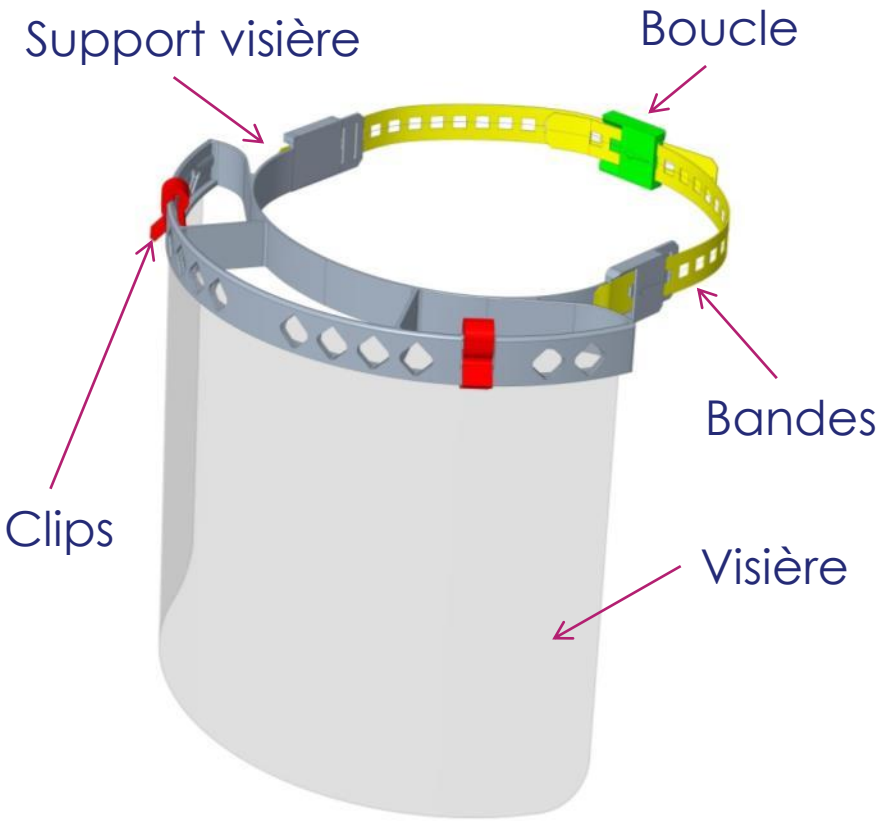
Face shield for COVID-19

Philippe Bauer 03 Avril 2020

ASSEMBLY

6 printed parts to assume parts maintainability

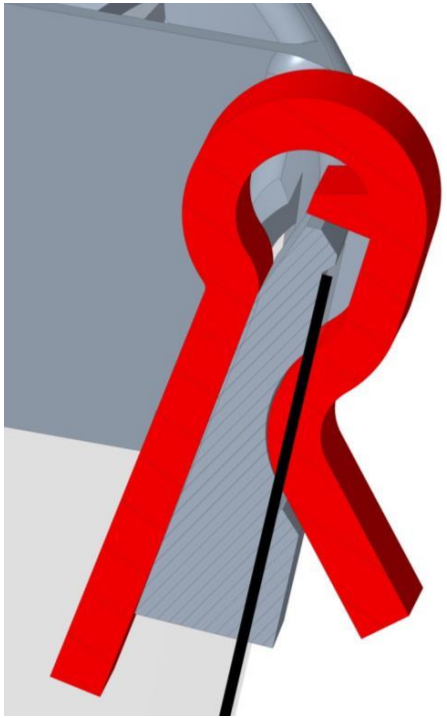
- **The visor (*Visière*) is a standard transparent A4 sheet (21x29.7mm/0.1€ each) usually used as a cover for paperbacks. No drilling required, just a scissor blow to round the corners.**
- **The flexible and adjustable strips (*Bandes and Boucle*) replace elastic strips. However, the visor support is equipped with slots to receive elastic strips if preferred.**
- **The face shield is produced on a PRUSA MK3s printer, in PLA with layer thickness 0.3mm and "draft" mode. The design is done to keep the functionality in low print quality (transferability on other printers and speed optimization)**



THALES

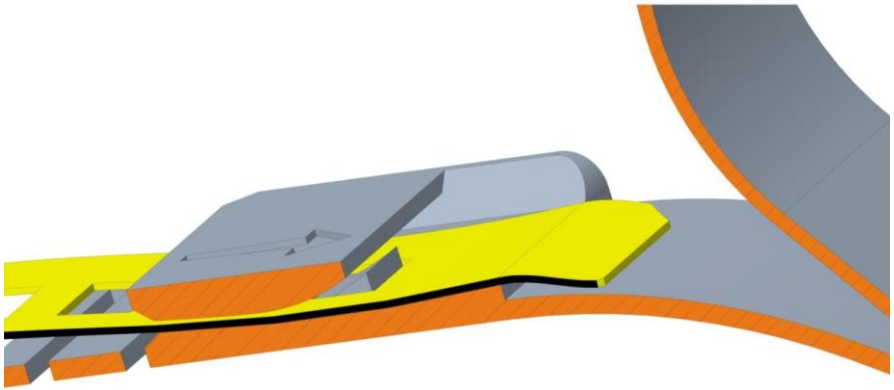
HOLDING THE VISOR

- Once the visor has slid into the groove in the visor holder, simply slide the retaining clips (*Clips*) into the slots provided.
- By pushing it, the clip will end up snapping clearly on the visor (it will come into abutment on the small internal lug) and will ensure that it is effectively maintained by pinching.



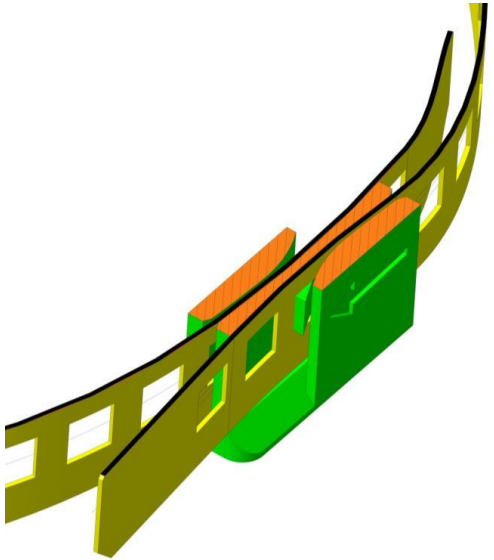
HOLD ON THE HEAD

- By pushing the strips in the right and left housings of the visor (in the direction indicated by the arrow), they lock by elasticity on the sloping lugs.
- To remove the strips (only when necessary), you just have to lift their ends to escape the lug and pull them back.



CONNECT HEADBAND STRIPS

- The principle is the same as for fixing on the visor holder, just push the strips into their respective housings on the connector (*boucle*). Right and left strips are identical.
- To tighten the strips on the head, continue to push each strips to pass the notches (the adjustment step is 7.5 mm).
- To loosen or remove them(only if necessary), lift the end of the strip while pulling it upside down in the direction indicated by the arrow



Log of changes and approval

Log of changes

Revisions	Description	Date
001		
002		
003		

Approval

Actors	Name and role	Signature	Date
Written by			
Verified by			
Approved by			