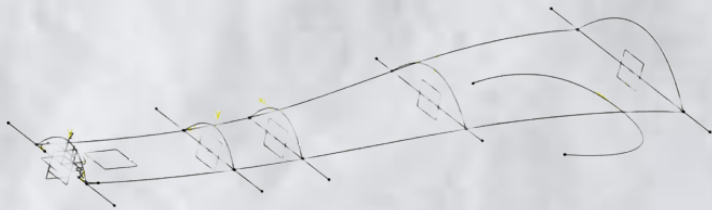




3DEXPERIENCE

3DExperience - CATIA

Atelier « Generative Shape Design »



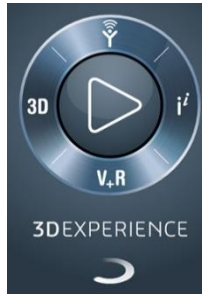
Chausse-pied



Jean-Philippe VERDU
Septembre 2024



Ouvrez la plateforme 3DExperience

A login form with a white background and a blue header. The header says 'Bienvenue jean-philippe.verdu'. Below the header is a password input field with a lock icon on the left and an eye icon on the right. Below the password field is a blue button labeled 'Connexion'. Underneath the button are two links: 'Je ne suis pas jean-philippe.verdu' and 'Mot de passe oublié ?'. At the bottom left, there is a language dropdown menu set to 'Français'.

Identifiant et mot de passe

A dialog box titled '3DEXPERIENCE Platform' with a blue border. The main title is 'Informations d'identification'. It contains three sections, each with a dropdown menu: 'Espace de collaboration' with 'Prive_Jean_Philippe_VERDU', 'Organisation' with 'Company Name', and 'Responsabilité' with 'Responsable'. An 'OK' button is at the bottom right.

Espace de collaboration et responsabilité

Analysez la pièce à modéliser



Questionnez vous ...

Où allez vous placer l'origine du système d'axe ?

Sur quel plan allez-vous placer les esquisses ?

Avez-vous besoin d'éléments de référence (points, droites et plans) ?

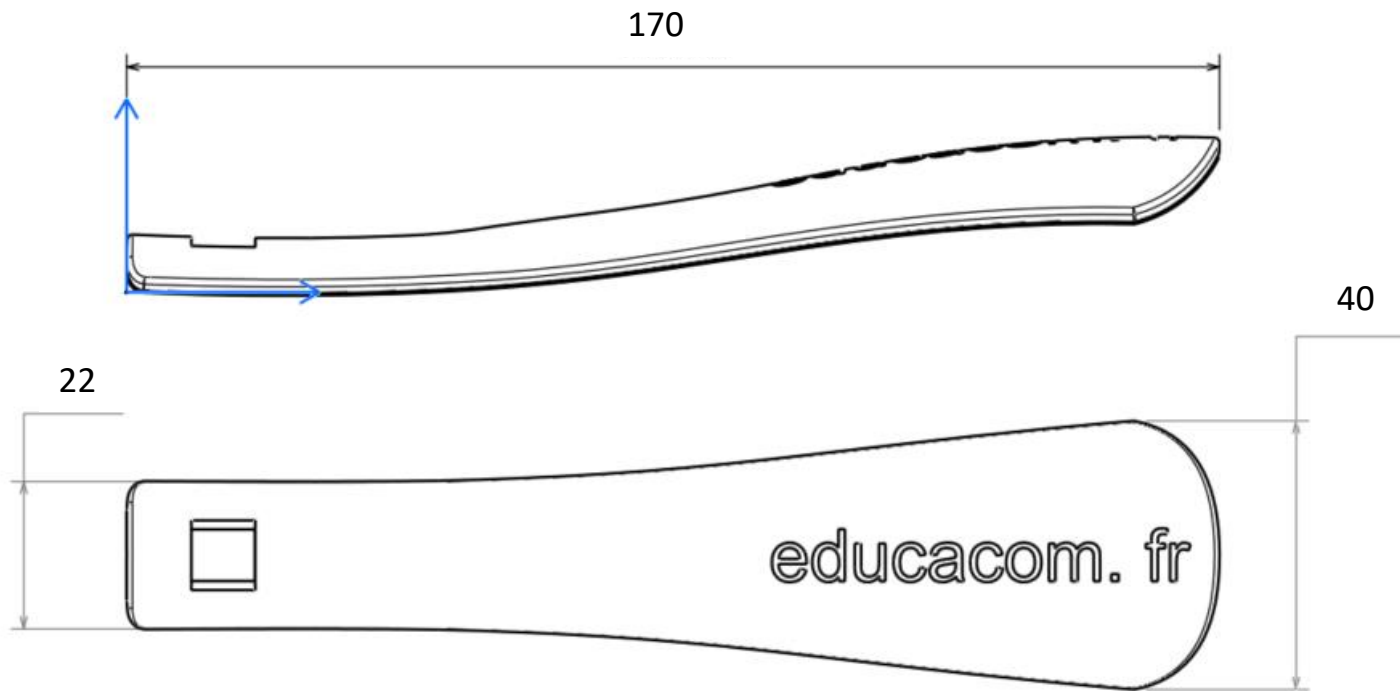
Comment est constituée la pièce à modéliser ?

Quelle gamme de modélisation (ordonnancement de la construction) préconisez vous ?

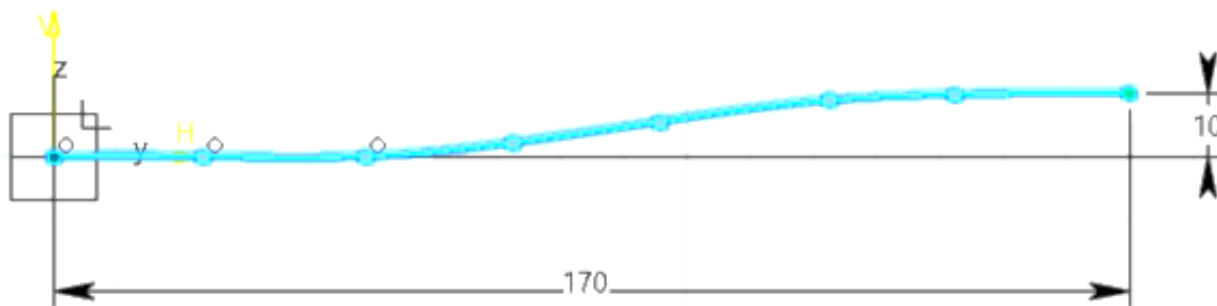
Ouvrez l'atelier « Generative Shape Design »



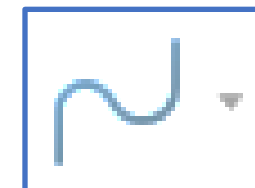
Vous pouvez passer de l'atelier « Part Design » à l'atelier « Generative Shape Design » (et vice-versa) à tout moment lors de la modélisation de la pièce.

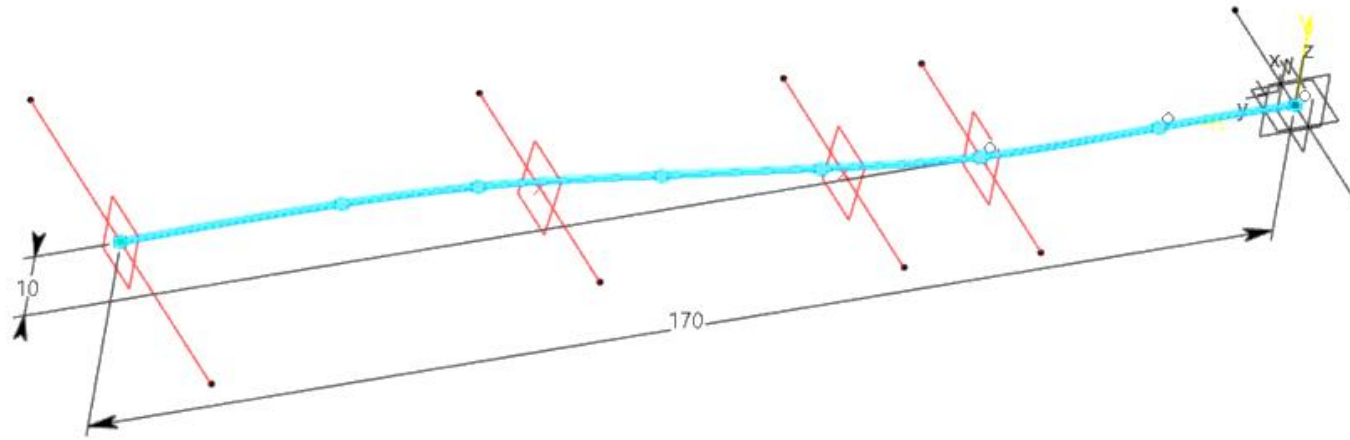


A partir des cotes d'encombrement, concevez le produit selon les étapes suivantes.

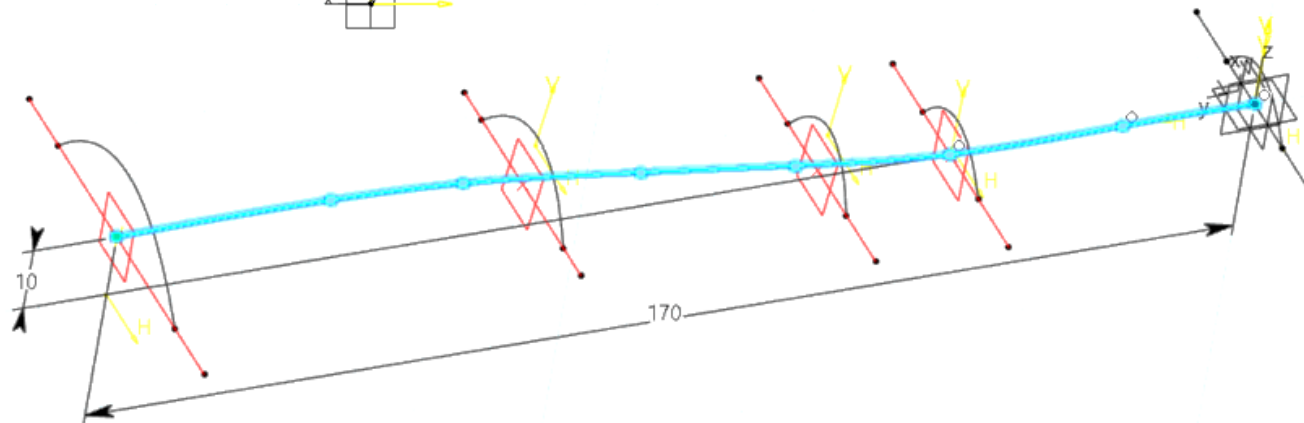
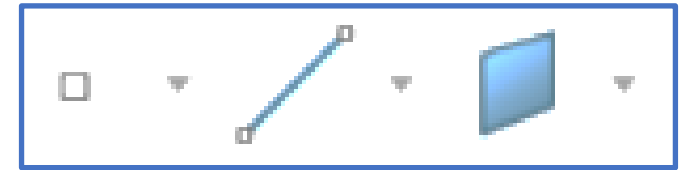
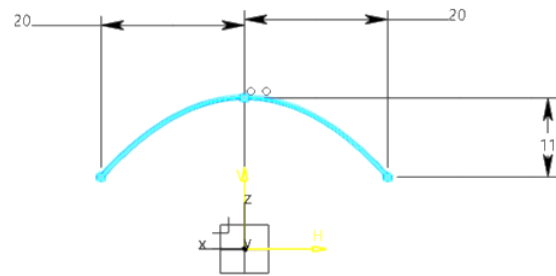


- Spline dans Sketcher.



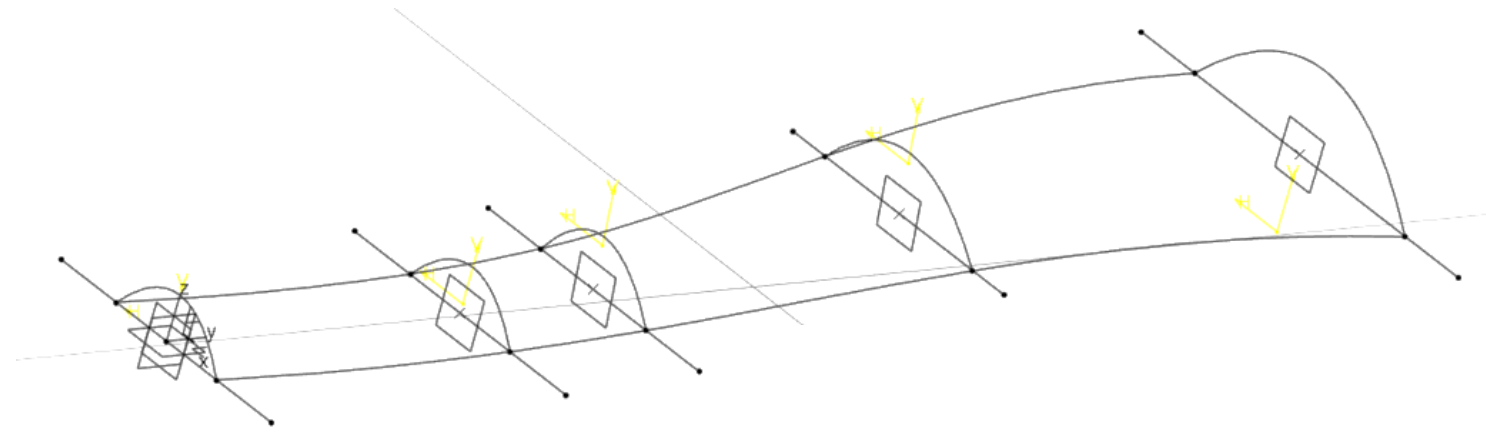


- Point sur courbe.
- Plan normal à la courbe.
- Droite point-direction.

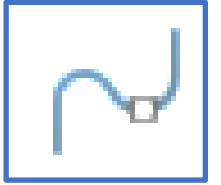


- Spline sur chaque plan.

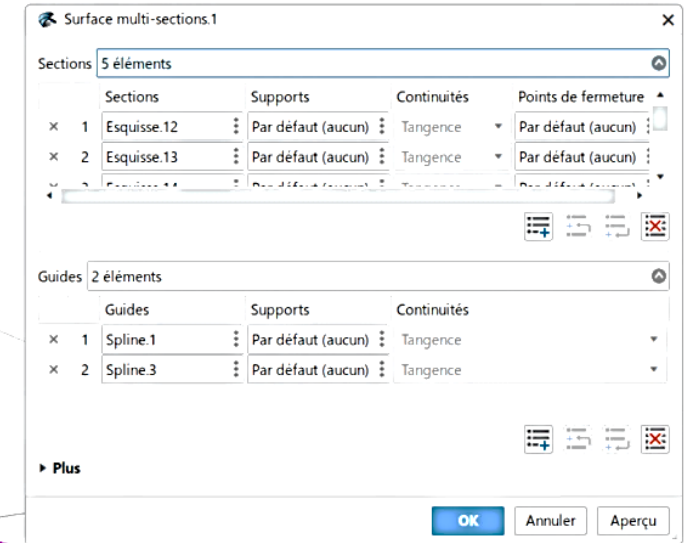
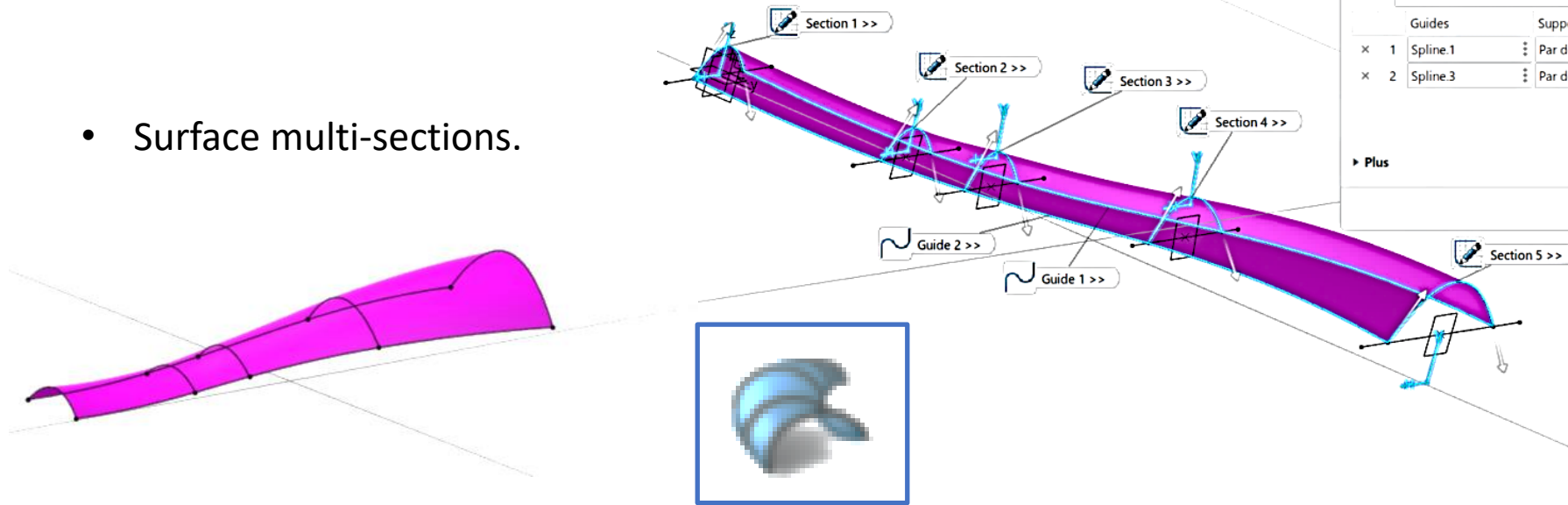


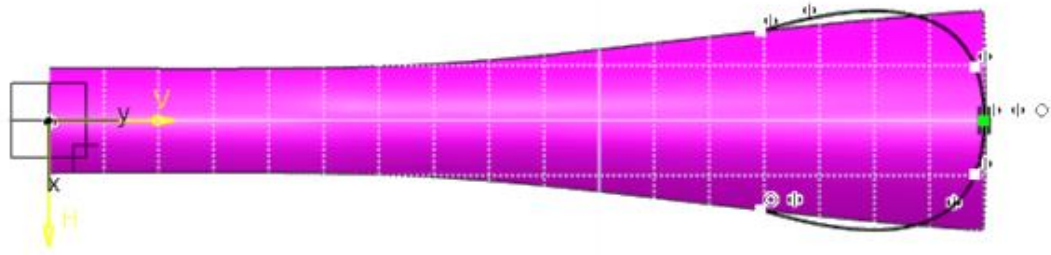


- Spline par les points.



- Surface multi-sections.





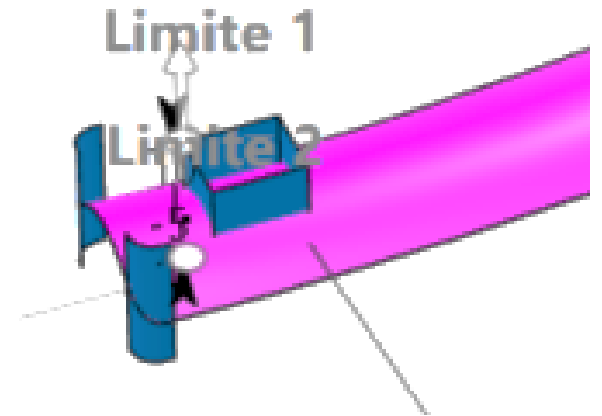
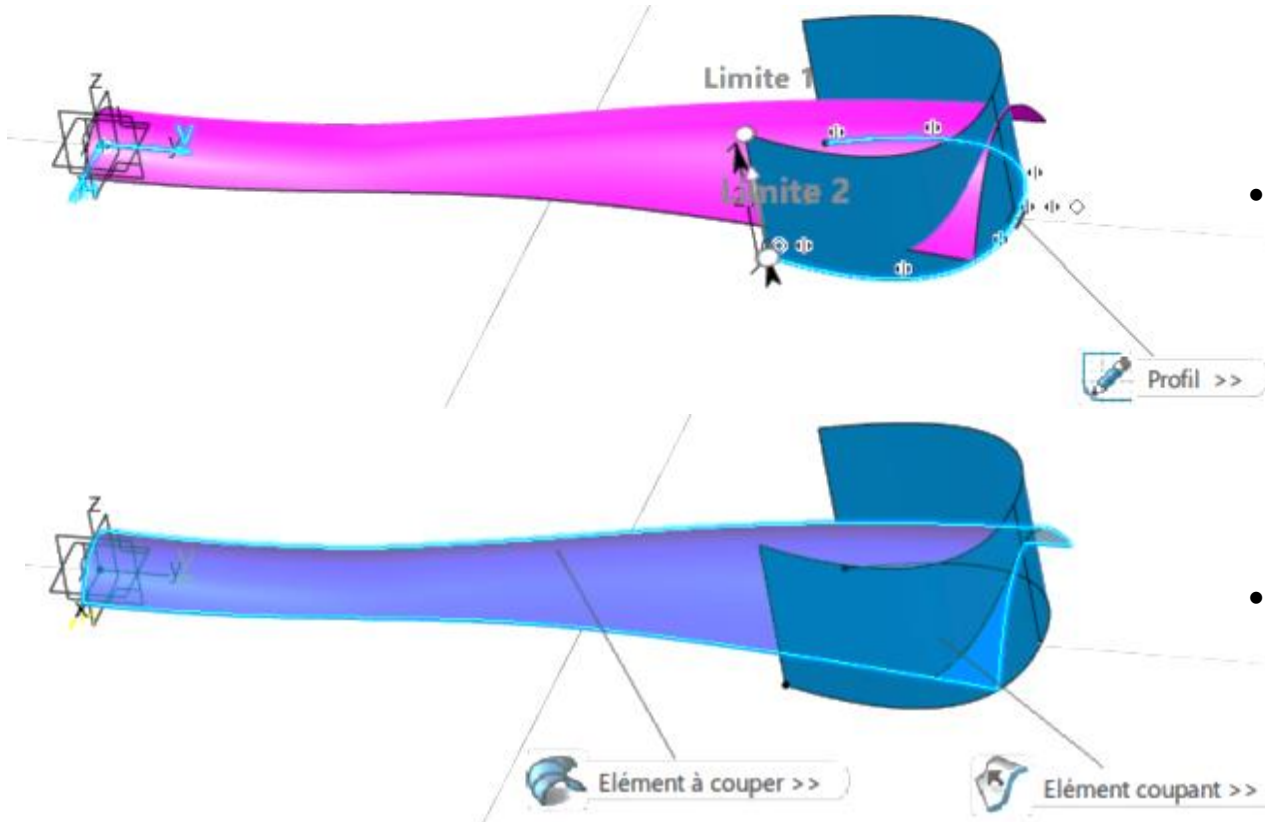
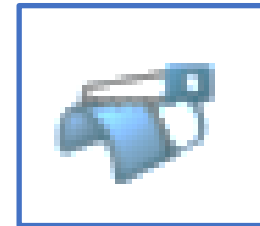
- Spline.



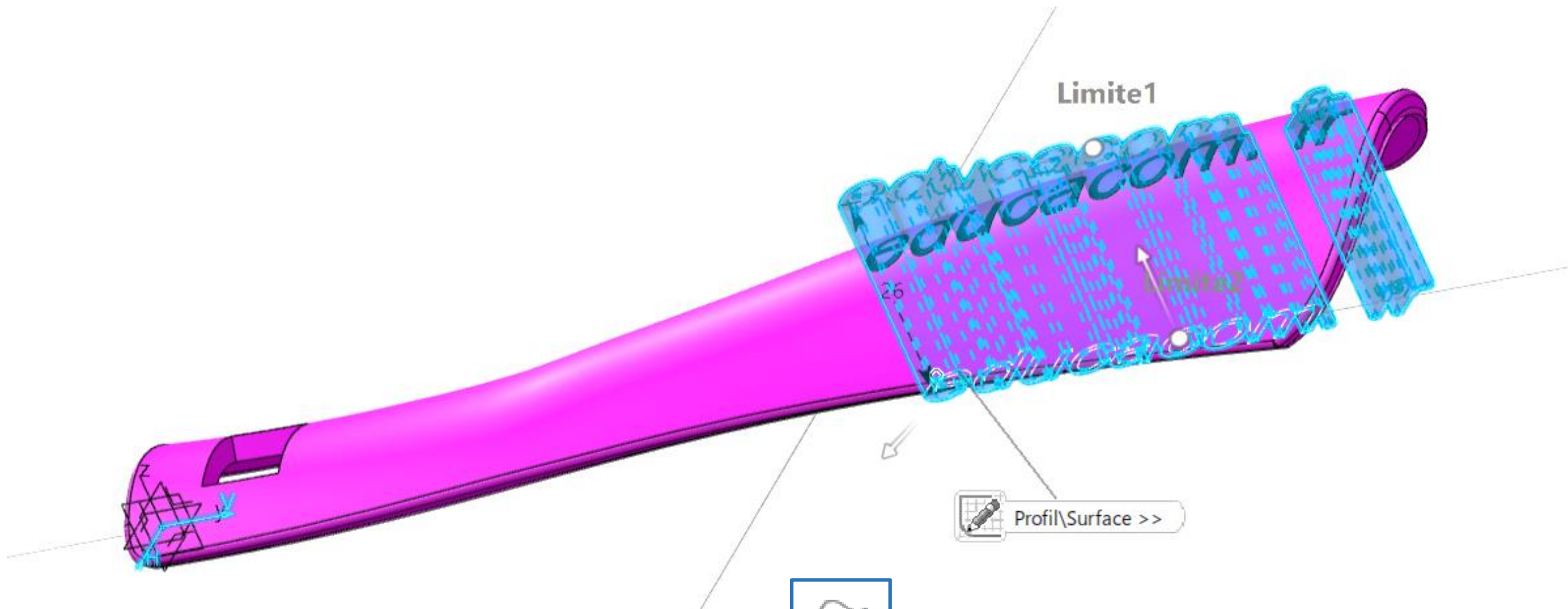
- Extrusion.



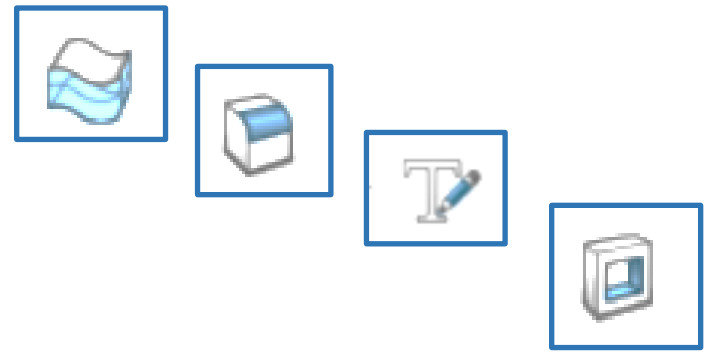
- Découpe.

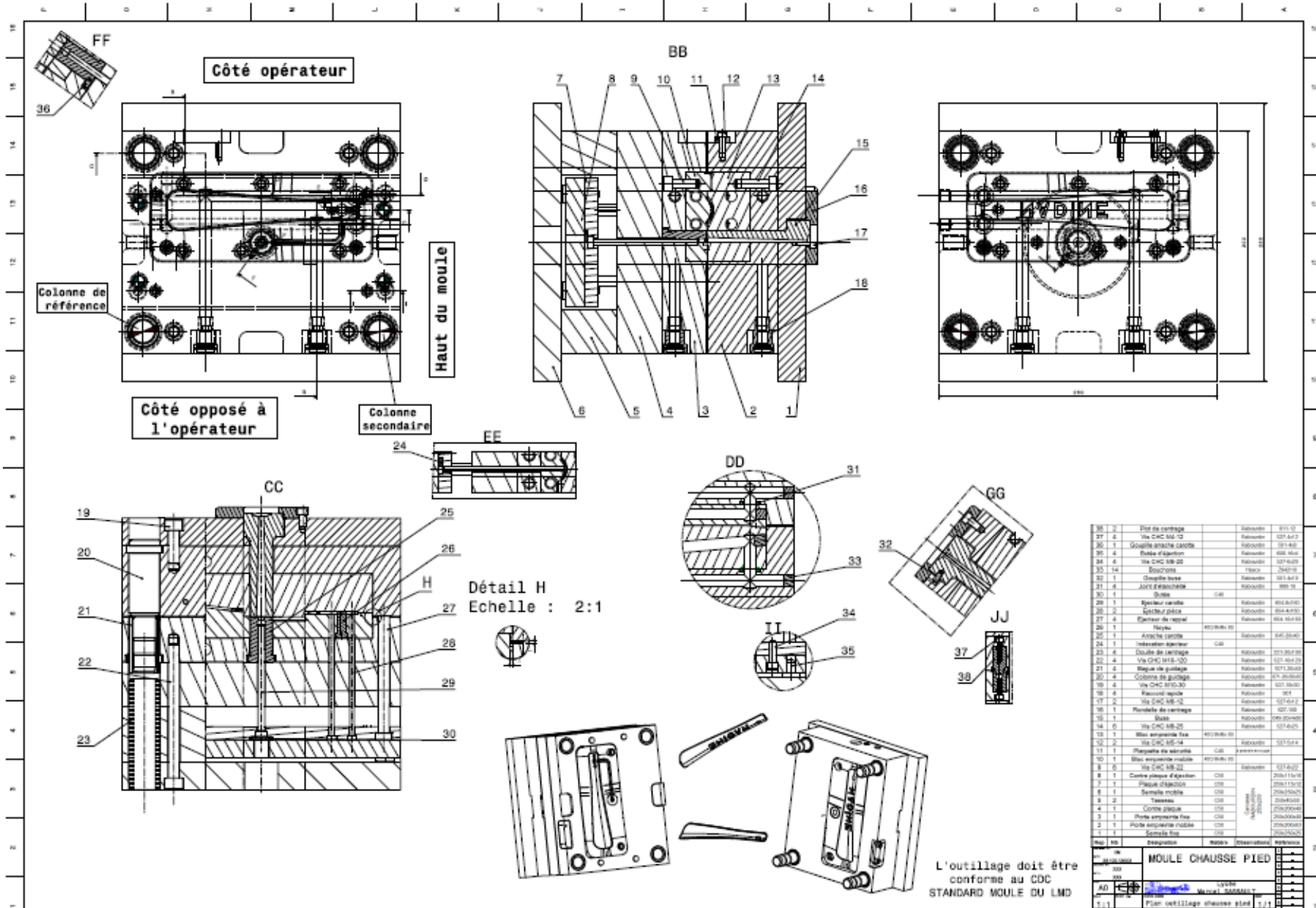


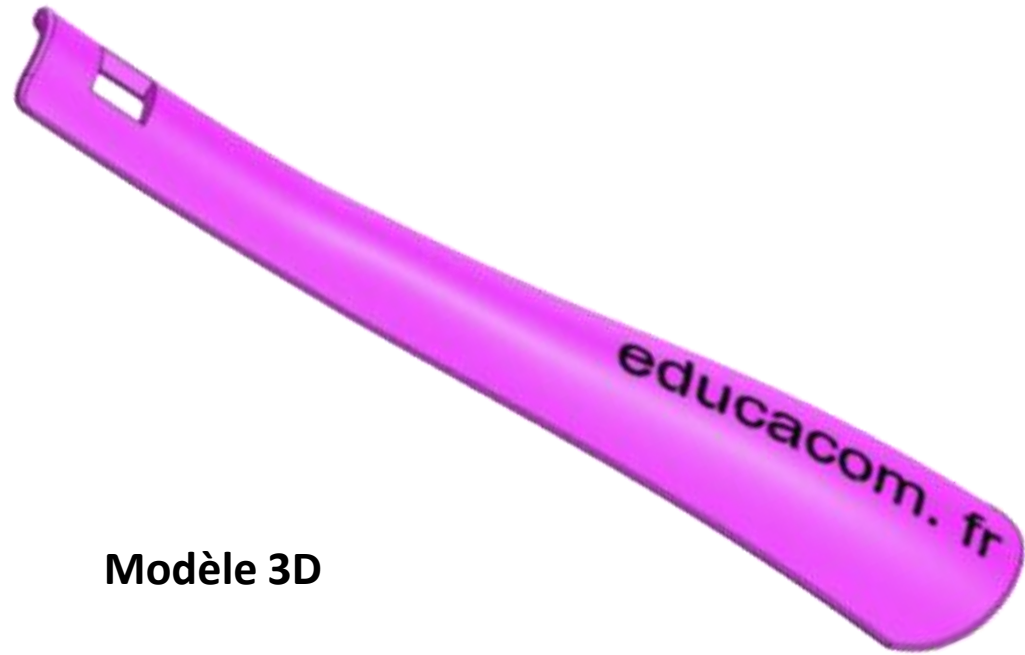
Même démarche: spline, extrusion, découpe.



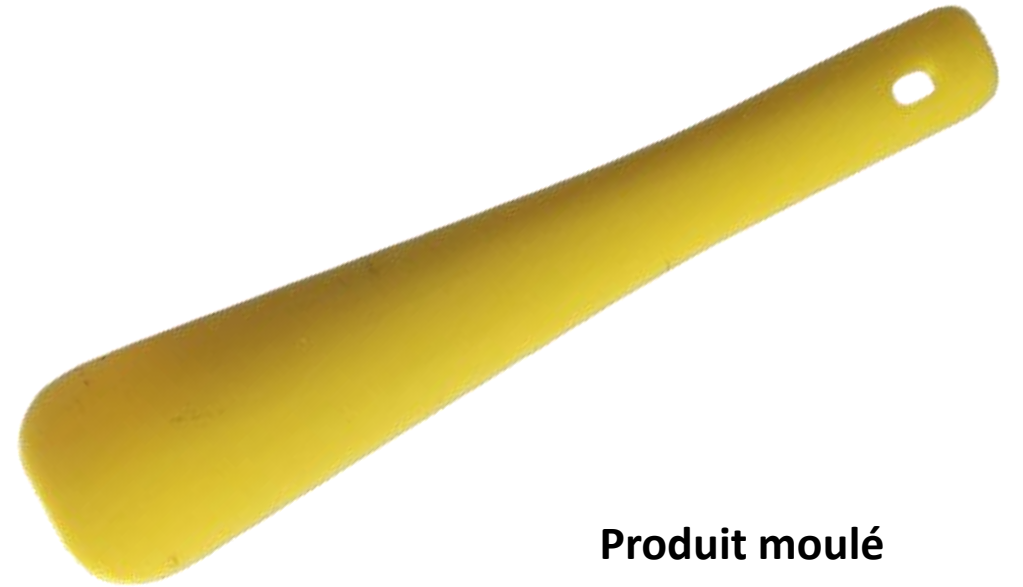
- Surface épaisse.
- Congé d'arête.
- Texte.
- Poche.







Modèle 3D



Produit moulé