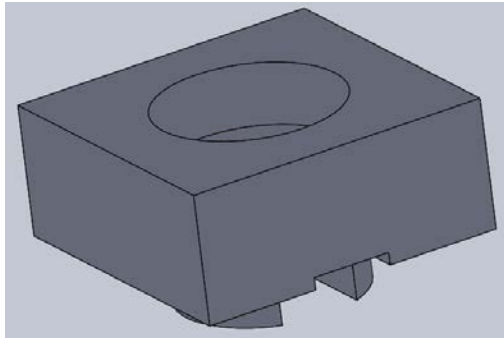


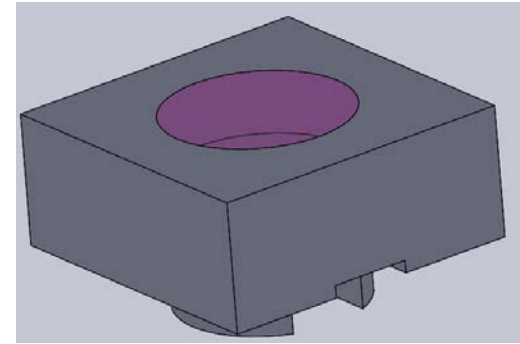
FAO SolidCam - Fraisage



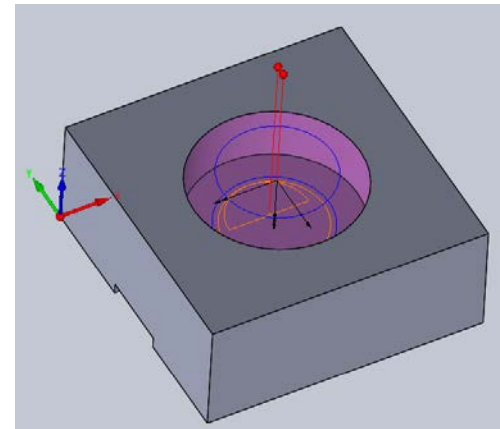
Pièce



APEF



FAO



Code
ISO



(Ebauche)

N5 M3 S800

N6 G0 X25. Y-29.5

N7 G43 Z35. H1 M8

N8 G1 Z11.5 F300

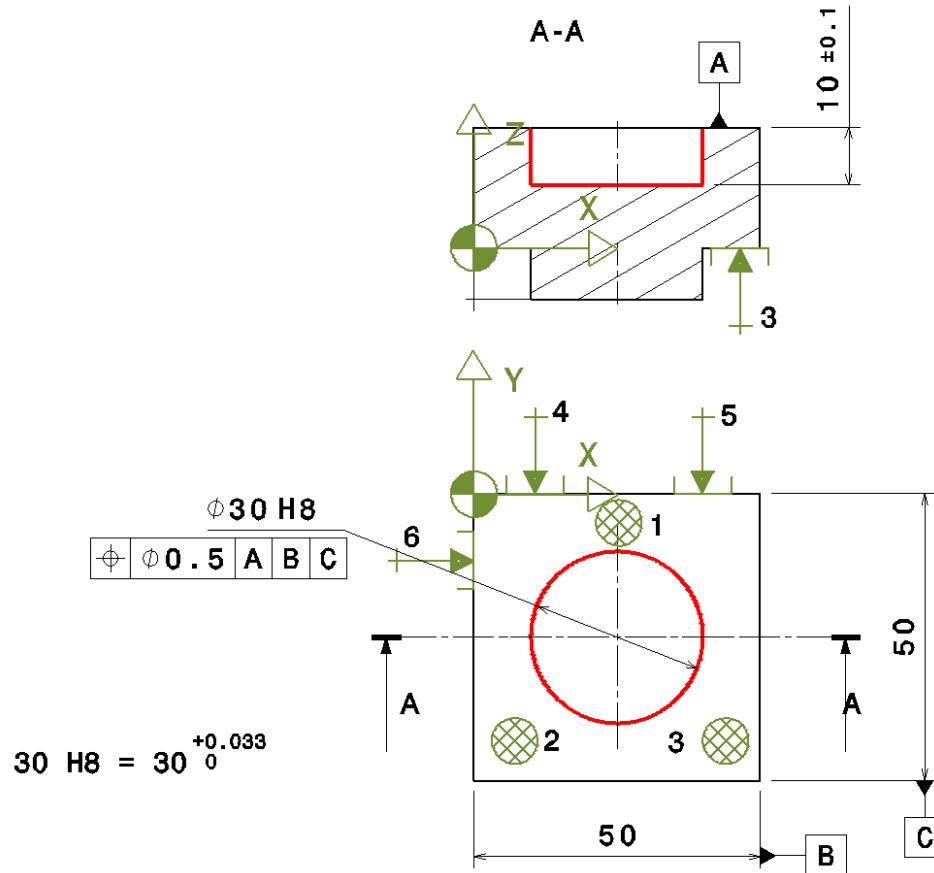
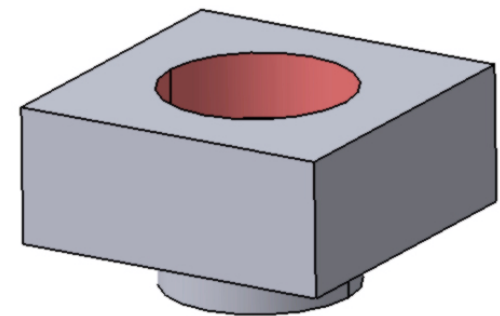
N9 G3 X25. Y-20.5 R4.5 F240

N10 X25. Y-29.5 R4.5

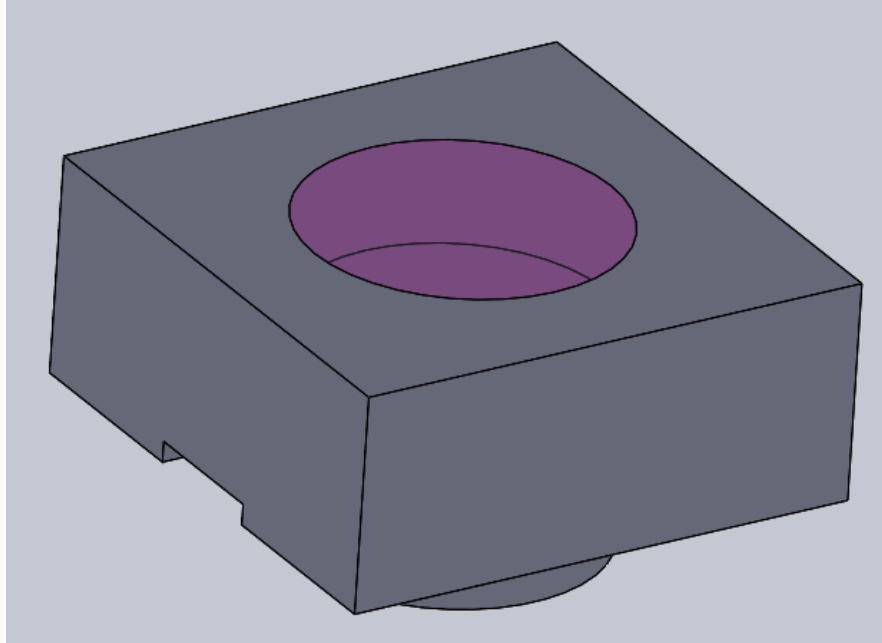
N11 G1 Z26.5 F300

M5

Pièce à réaliser



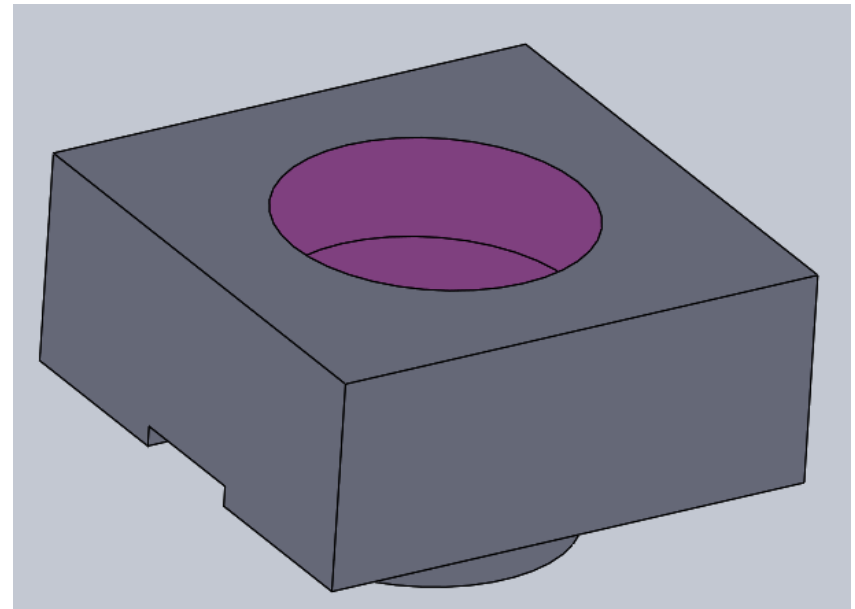
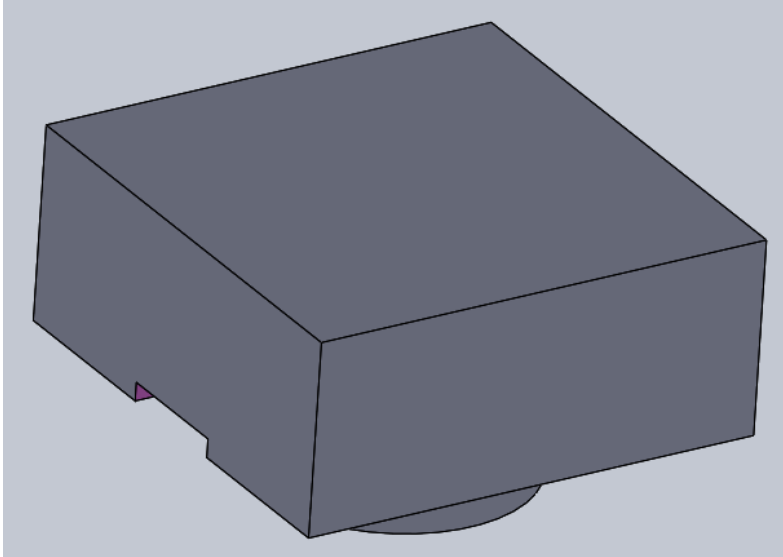
Objectif 1 - APEF



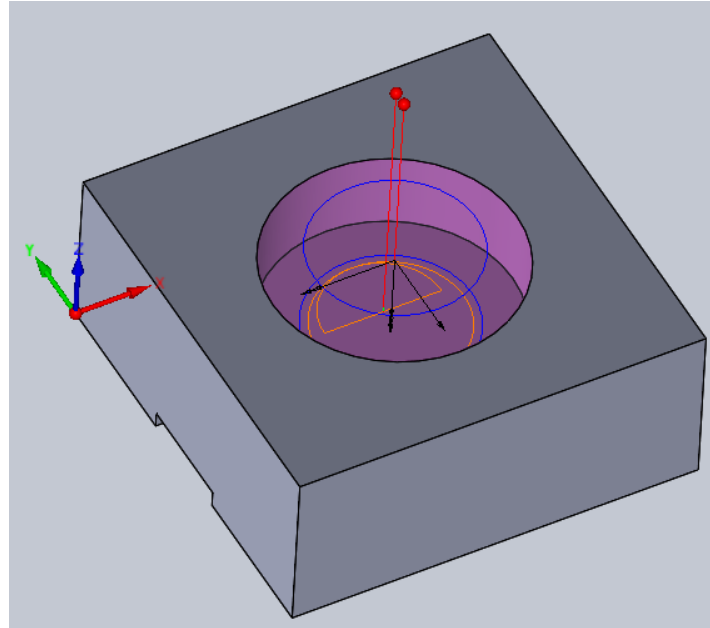
A partir du fichier de la pièce finie (fichier fourni) :

1. Créer un assemblage
2. Créer la phase 20
3. Créer la phase 30

Créer l'APEF – Créer l'assemblage



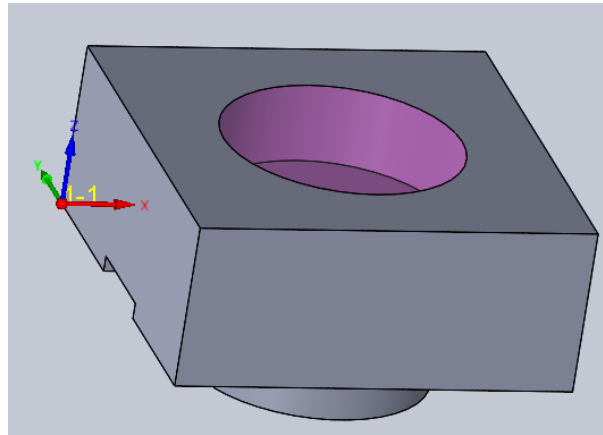
Objectif 2 – Création du programme



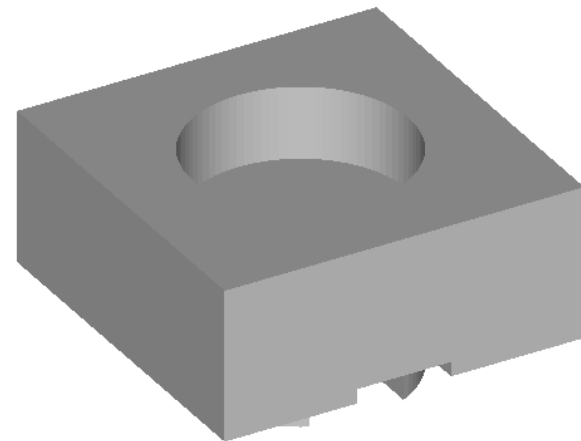
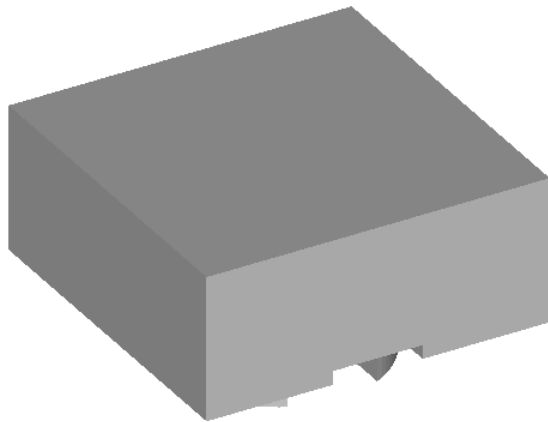
A partir de l'APEF réalisé ci-dessus :

1. Créer le programme permettant de réaliser l'alésage
2. Générer le programme (code ISO) pour la machine HAAS VF1

Ouvrir SolidCAM + Choix origine



Pièce brute (PH 20) + Pièce finie (PH30)



Opération d'ébauche (perçage)

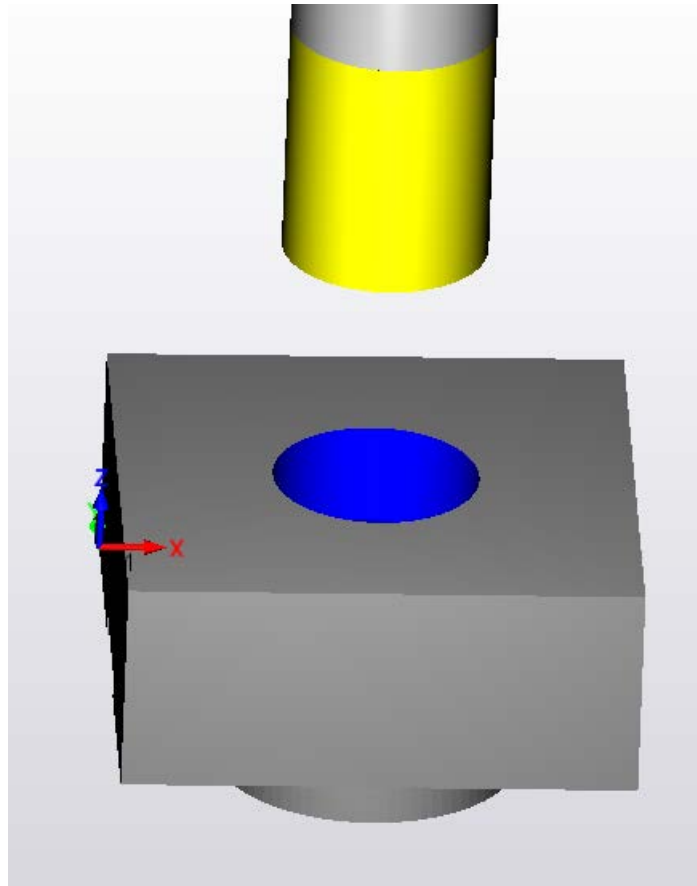


Perçage, taraudage,
alésage...

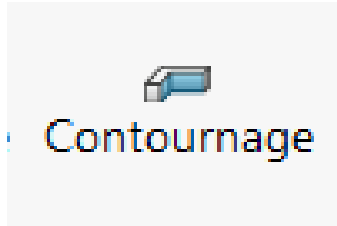
Perçer à l'aide d'une fraise de diamètre 20

$N = 800 \text{ tr /min}$

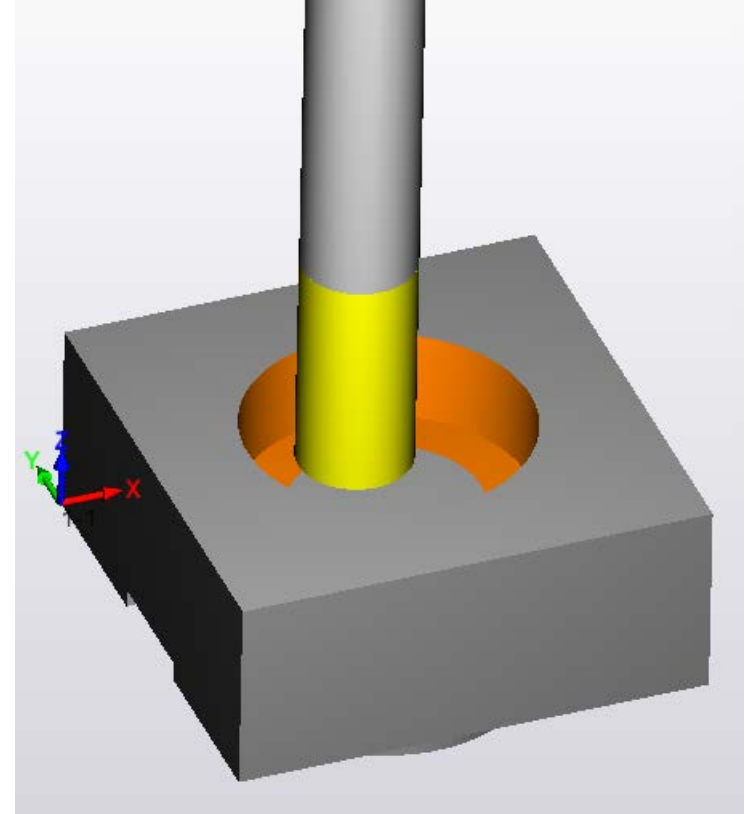
$fz = 0.1 \text{ mm/dent}$



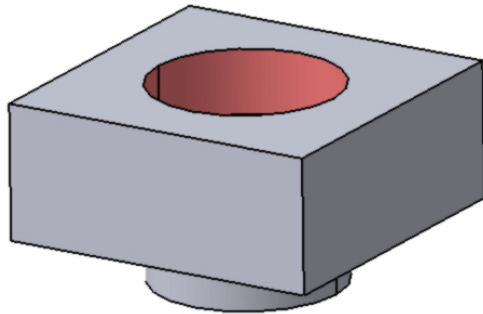
Opération de finition (contournage)



Percer à l'aide d'une fraise de diamètre 20
N = 2000 tr /min
fz = 0.08 mm/dent



Création du programme réalisée !



```
( Ebauche )  
N5 M3 S800  
N6 G0 X25. Y-29.5  
N7 G43 Z35. H1 M8  
N8 G1 Z11.5 F300  
N9 G3 X25. Y-20.5 R4.5 F240  
N10 X25. Y-29.5 R4.5  
N11 G1 Z26.5 F300  
M5
```