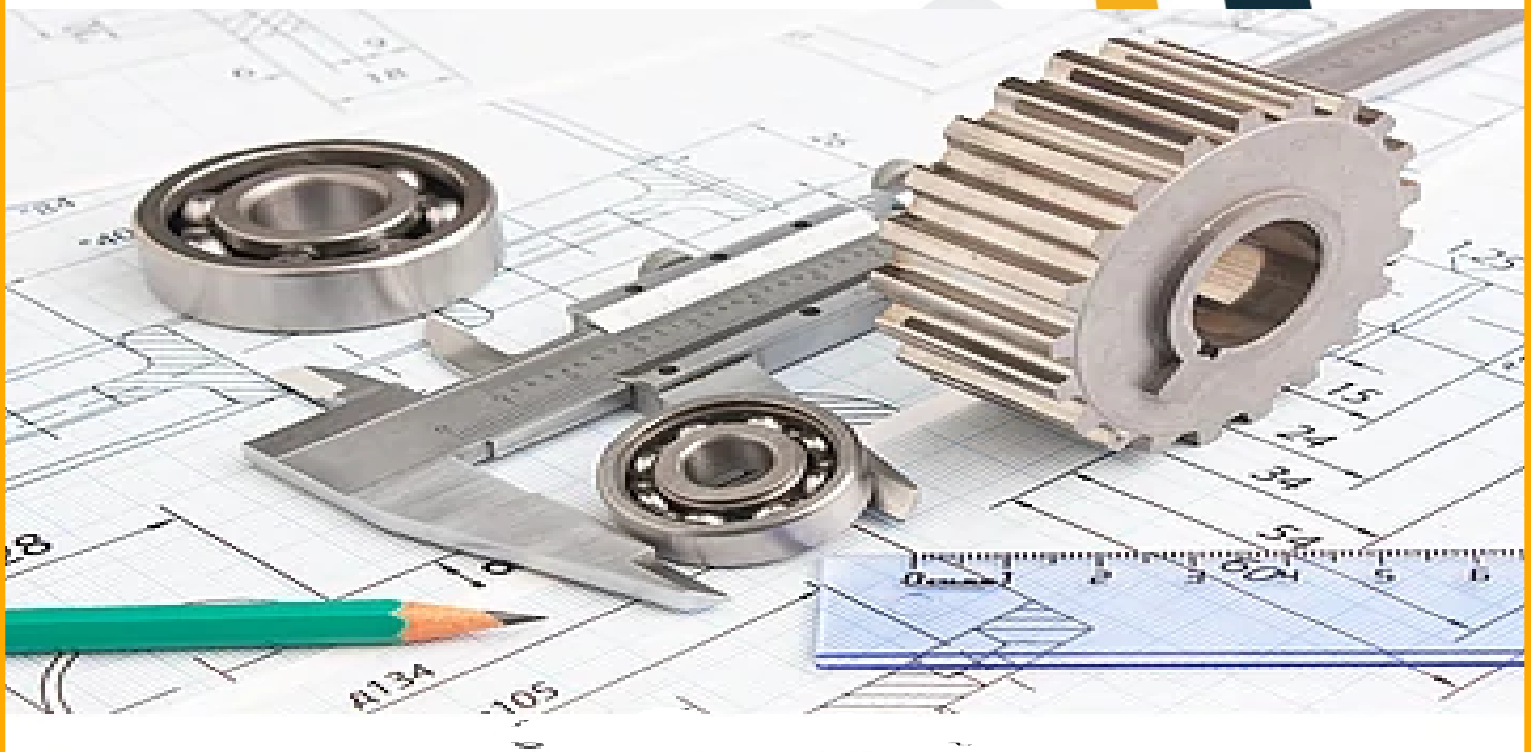
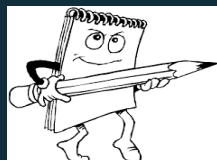




Exercices avec solution

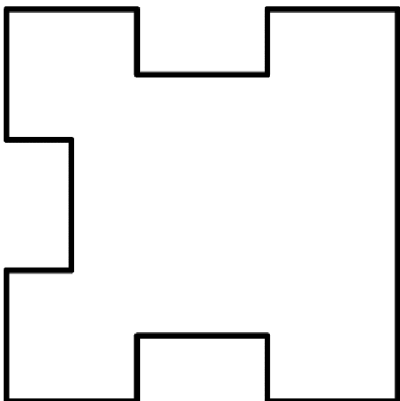
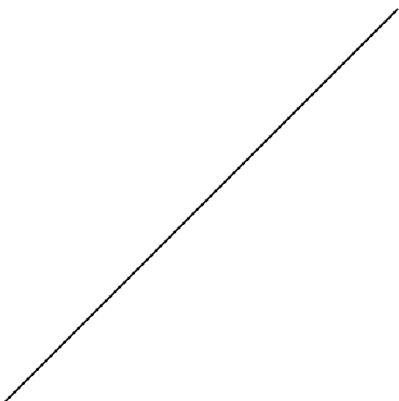
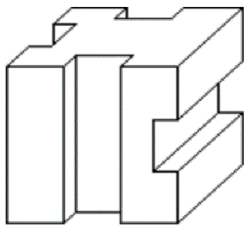
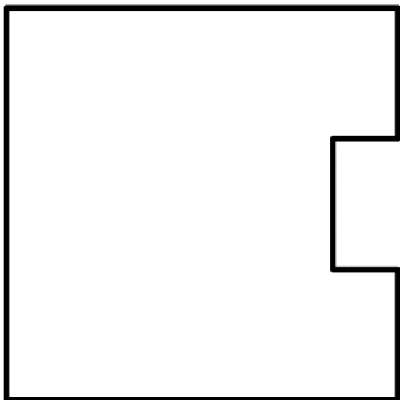
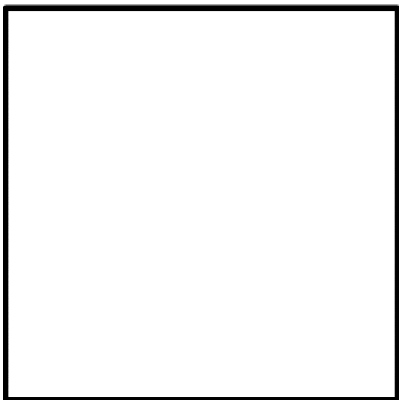
- ✓ projection orthogonale
- ✓ coupes
- ✓ section

2 Bac SM b

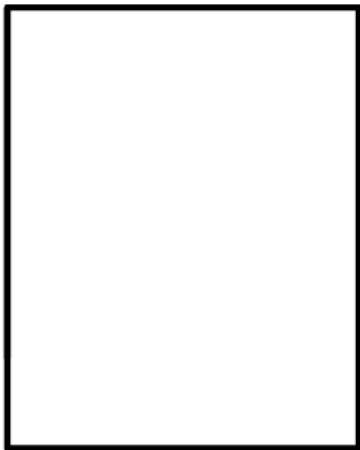
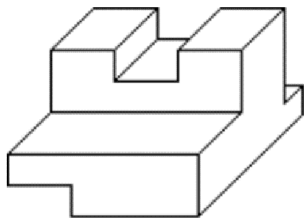
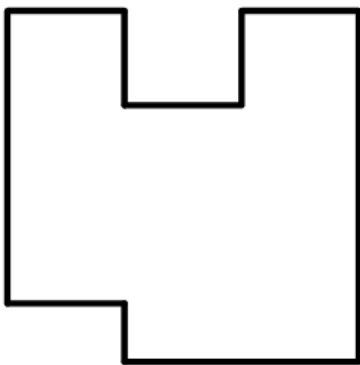
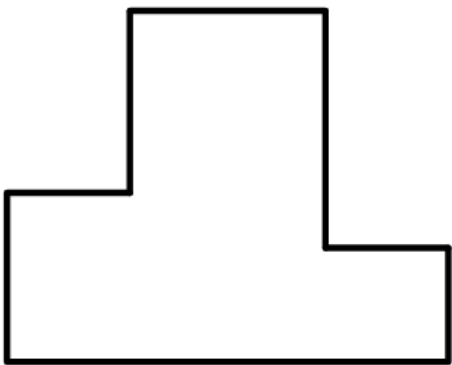


Compléter les vues suivantes

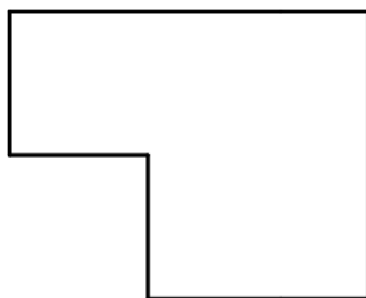
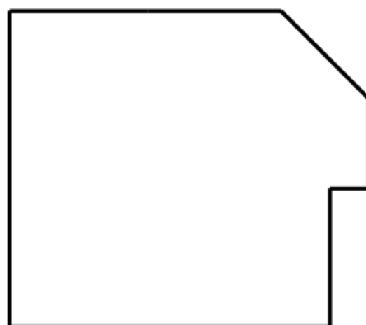
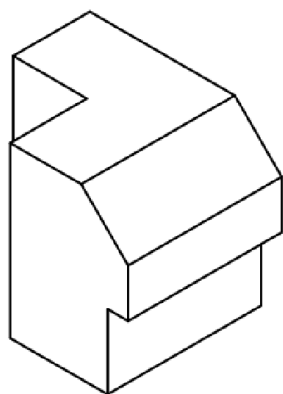
TD N: 1



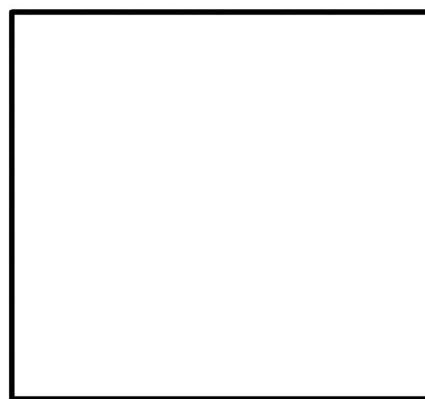
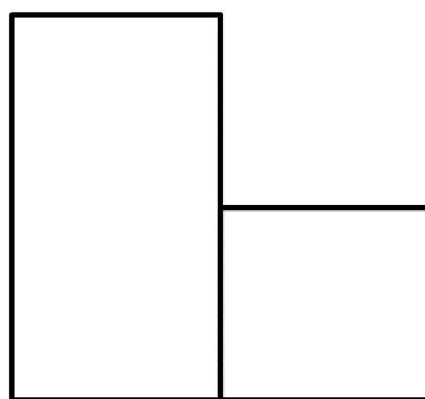
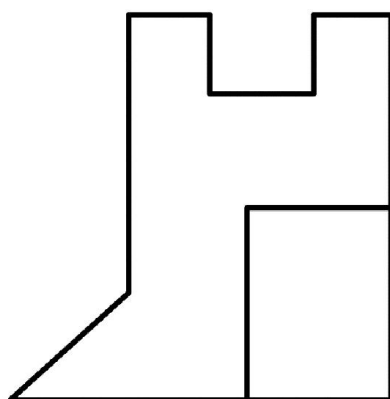
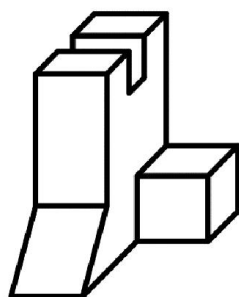
TD N: 2



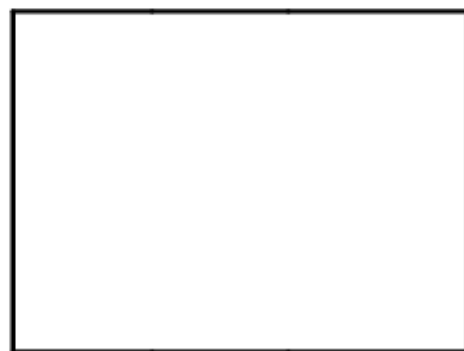
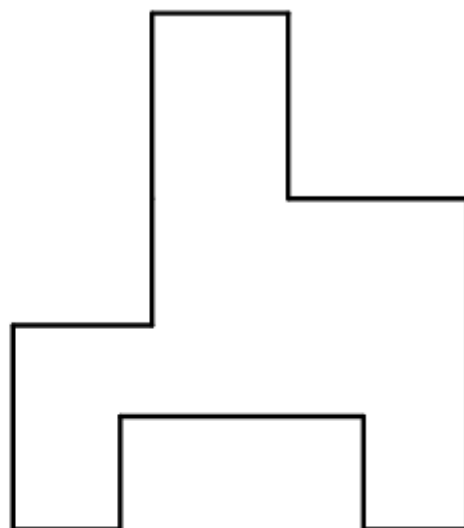
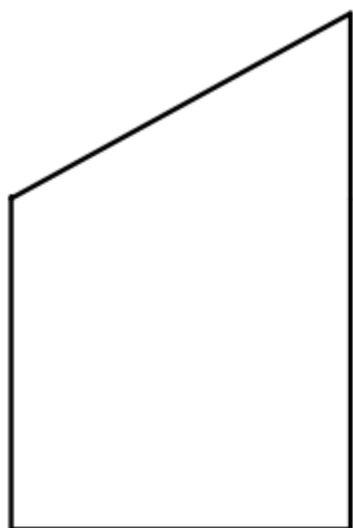
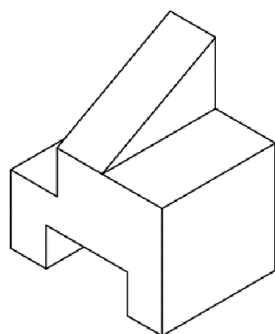
TD N: 3



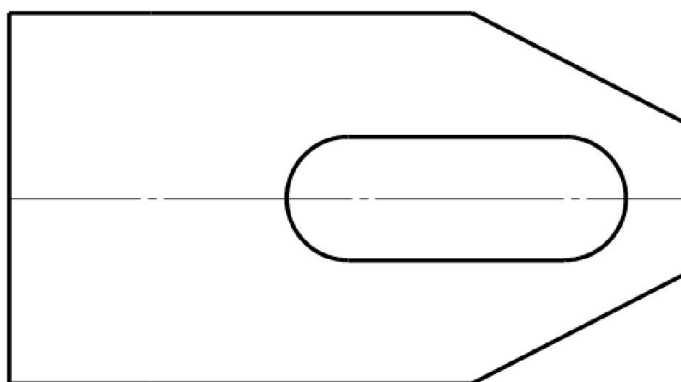
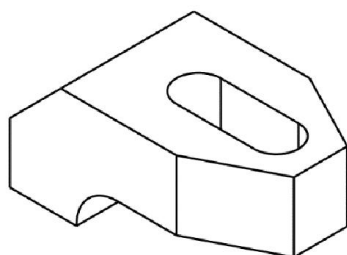
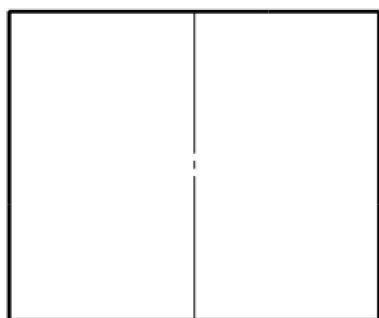
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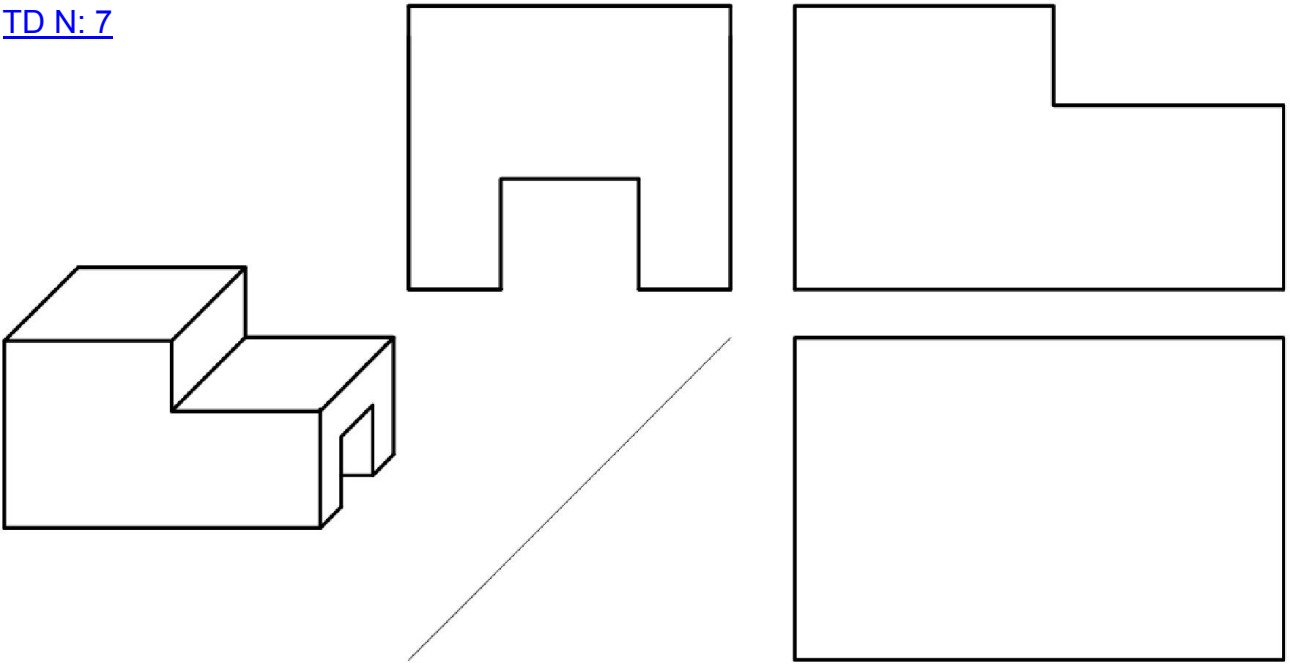
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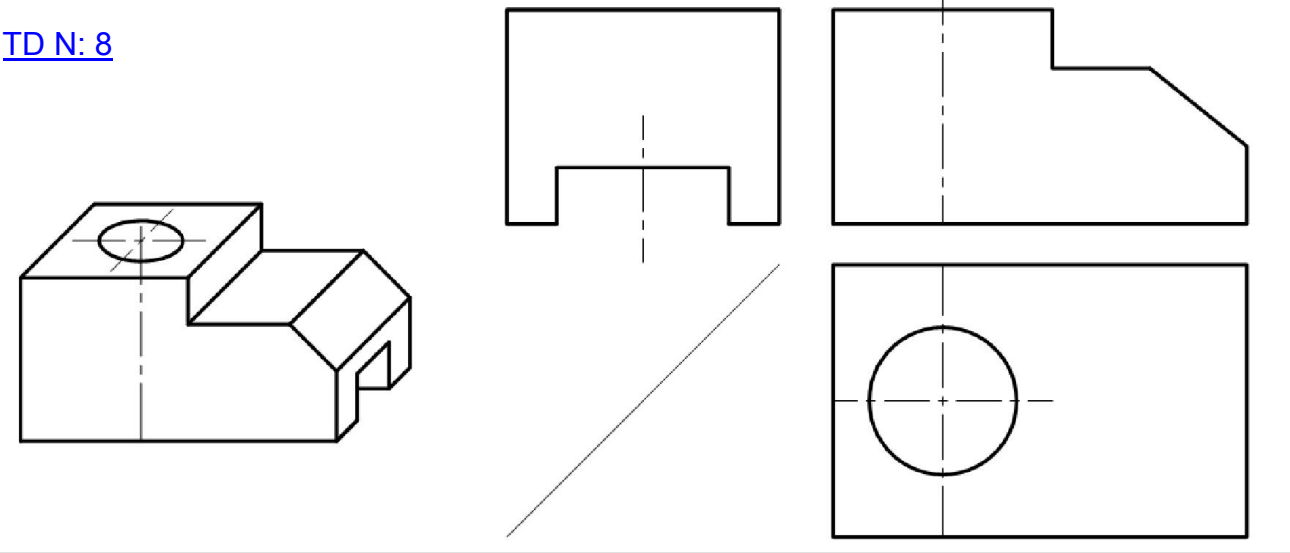
TD N: 6



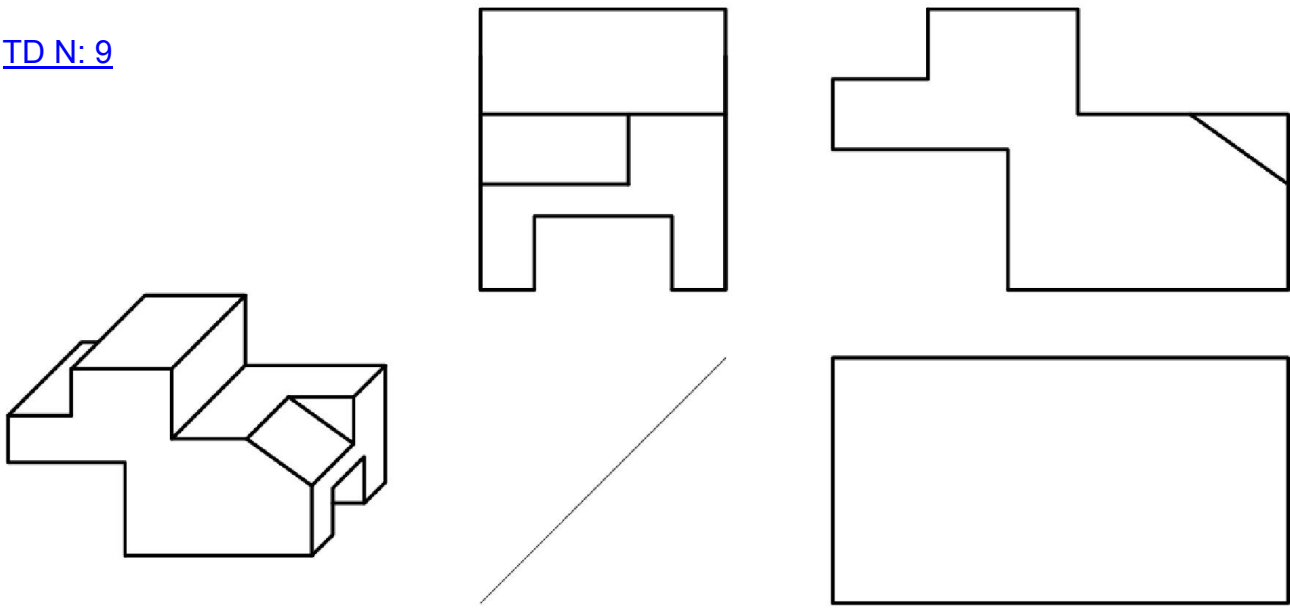
TD N: 7



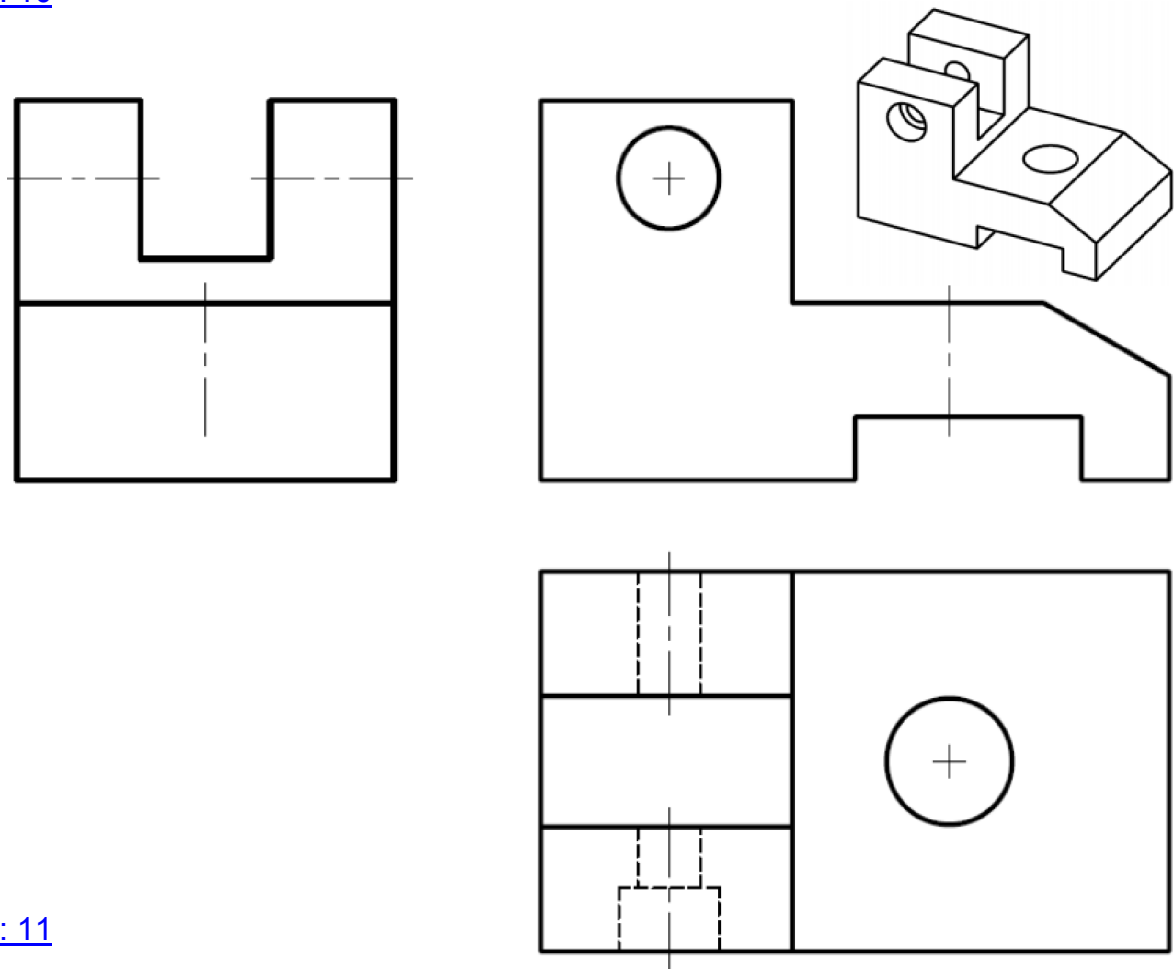
TD N: 8



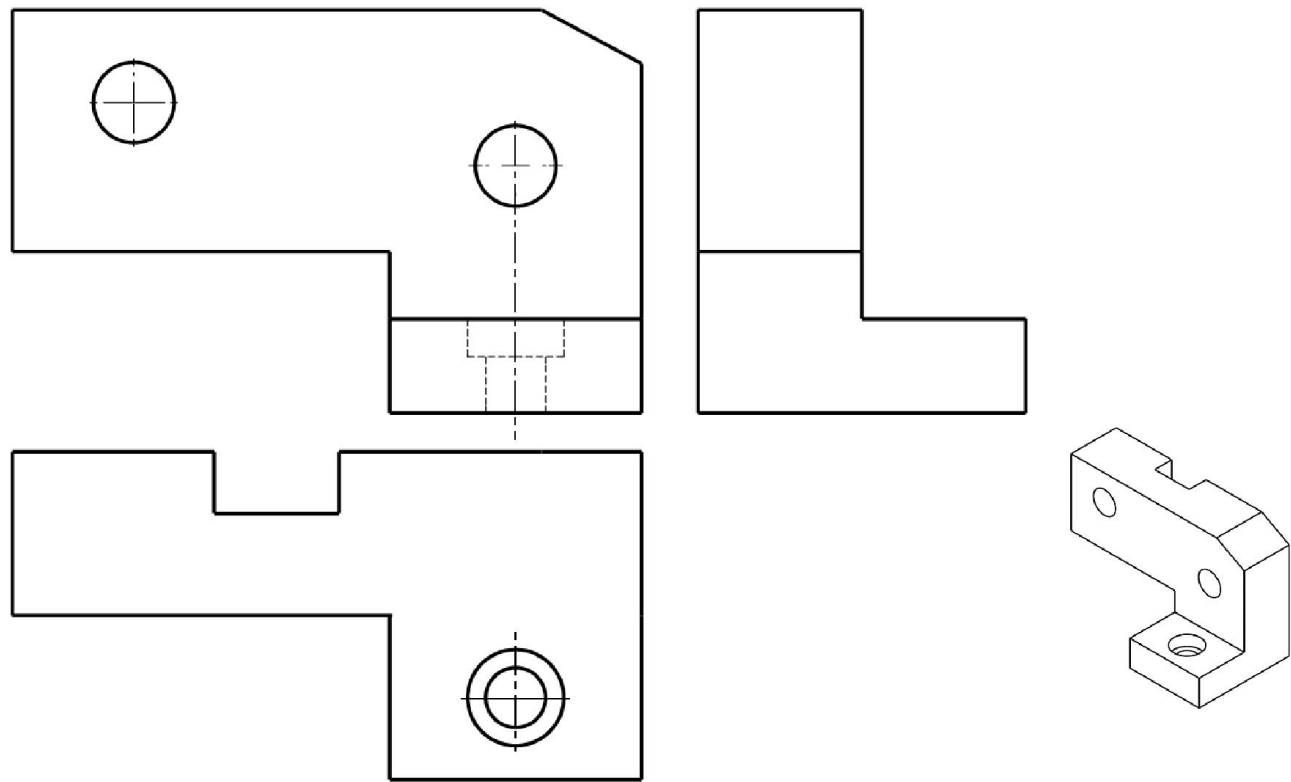
TD N: 9



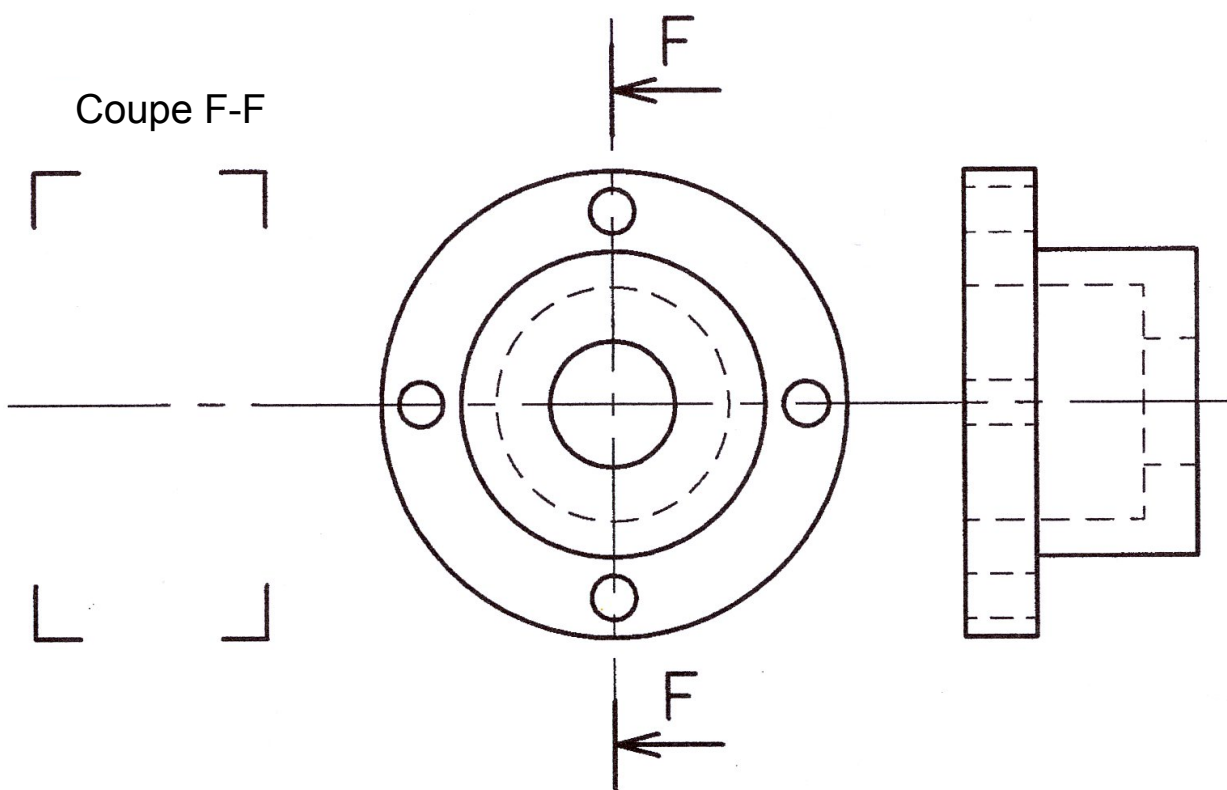
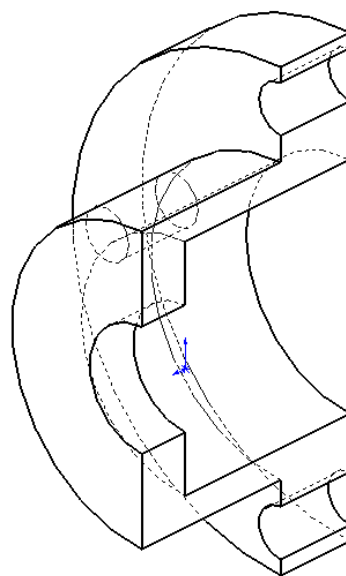
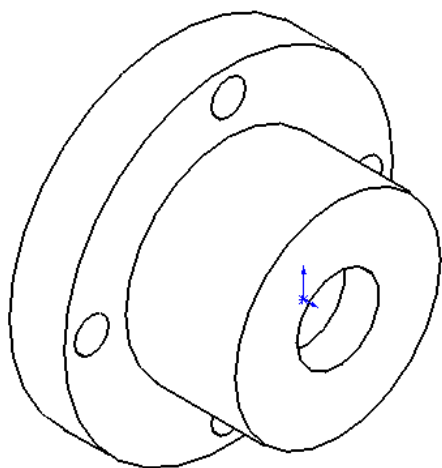
TD N: 10



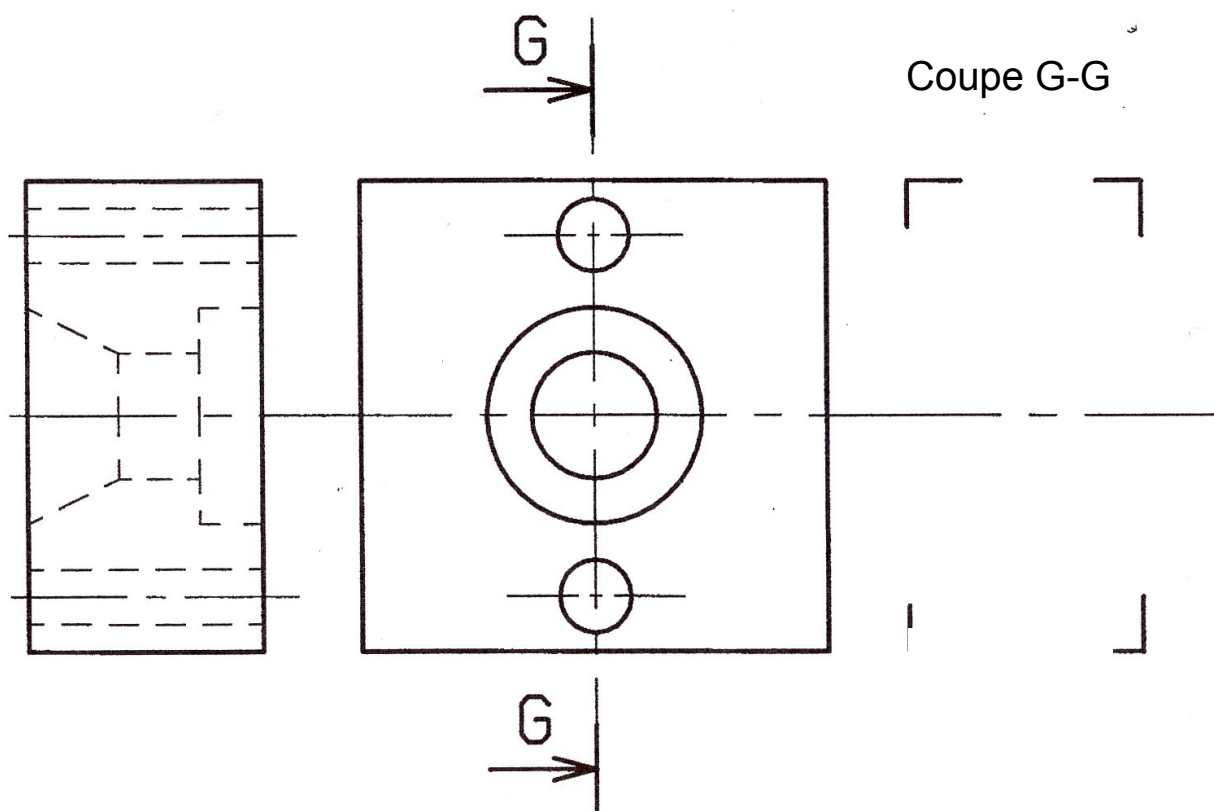
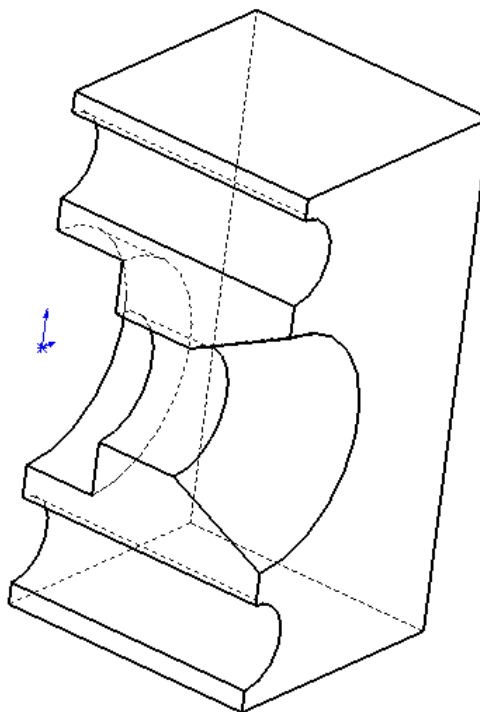
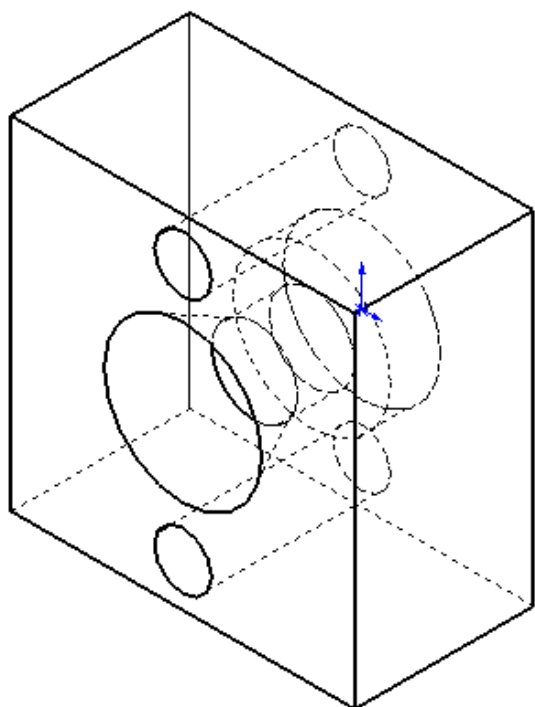
TD N: 11



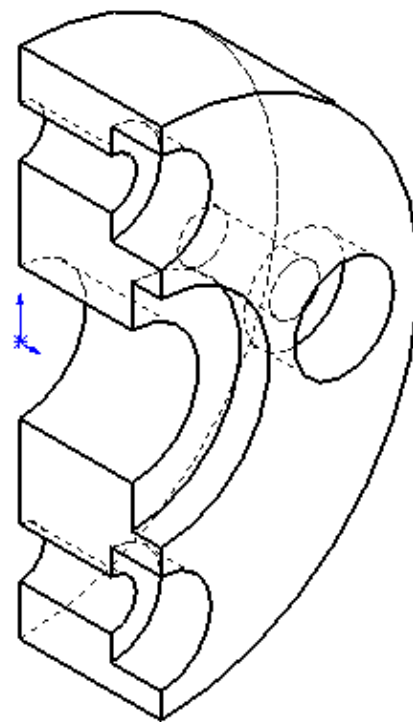
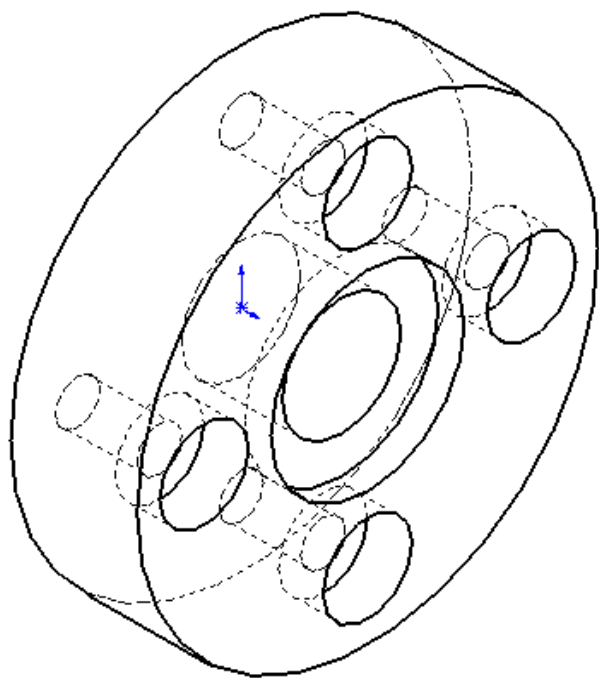
.TD N: 12



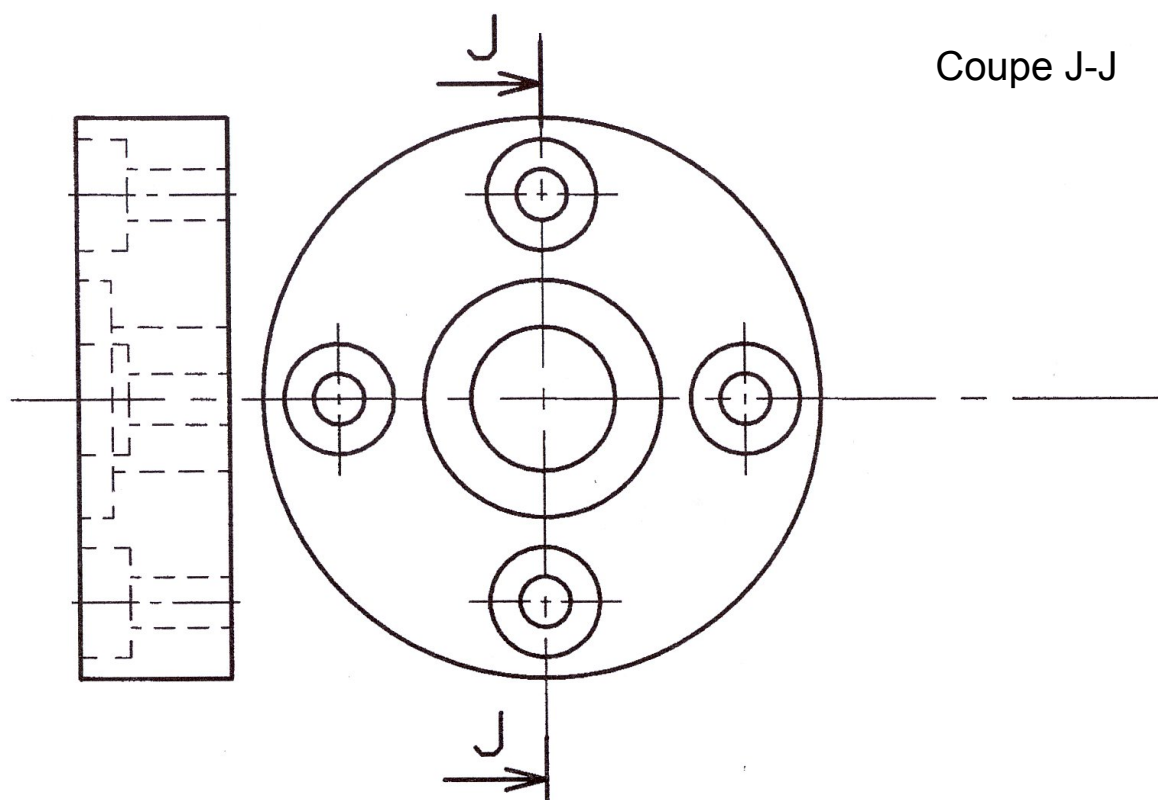
Exercices:coupe simple



.TD N: 14

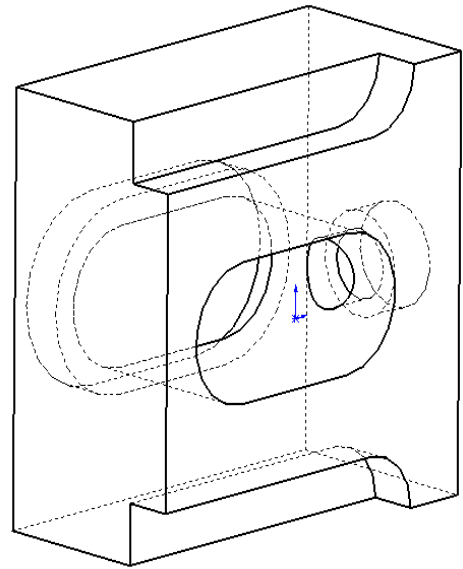


Coupe J-J

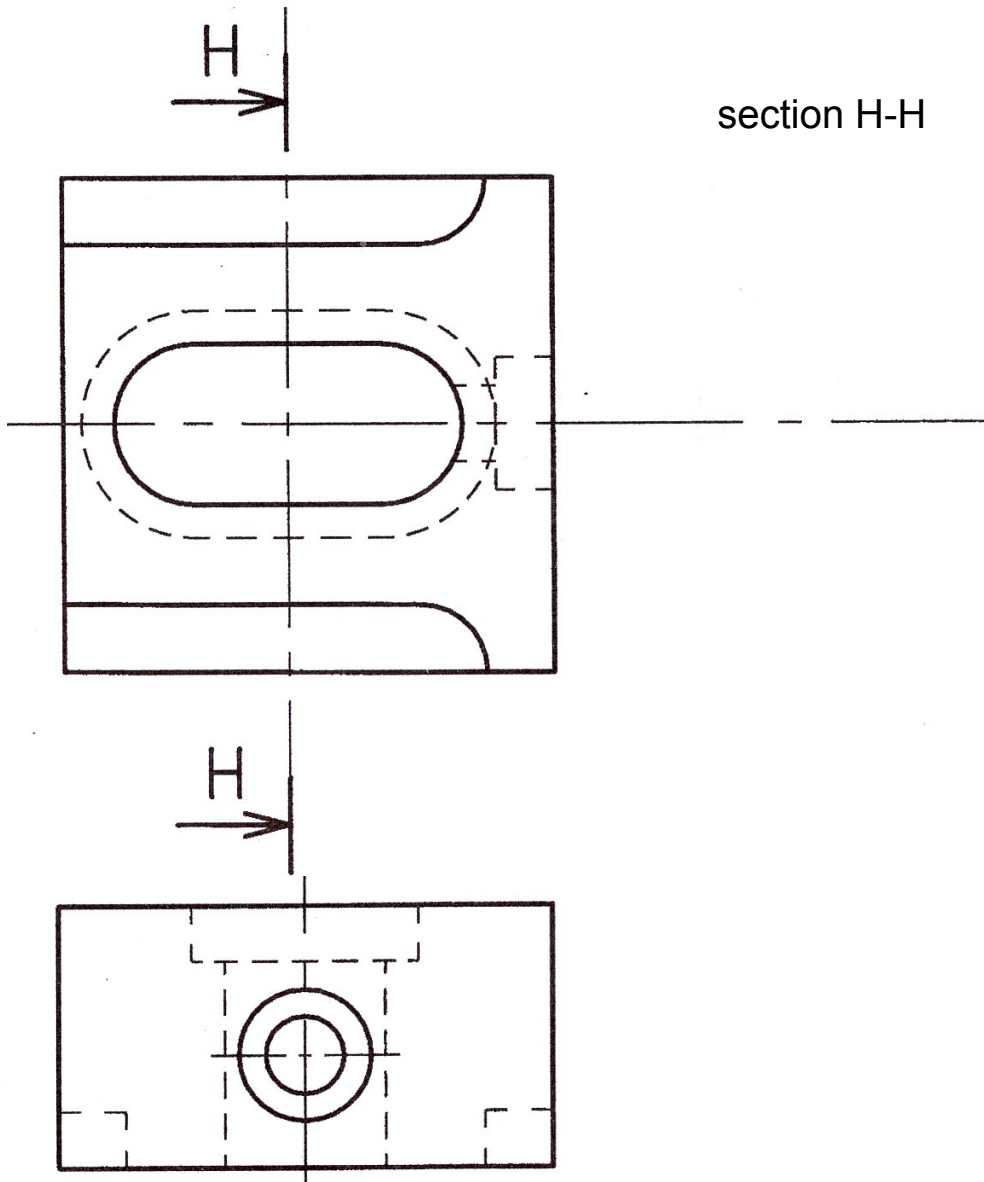


TD N: 15

Compléter la section H-H de cette pièce .



section H-H



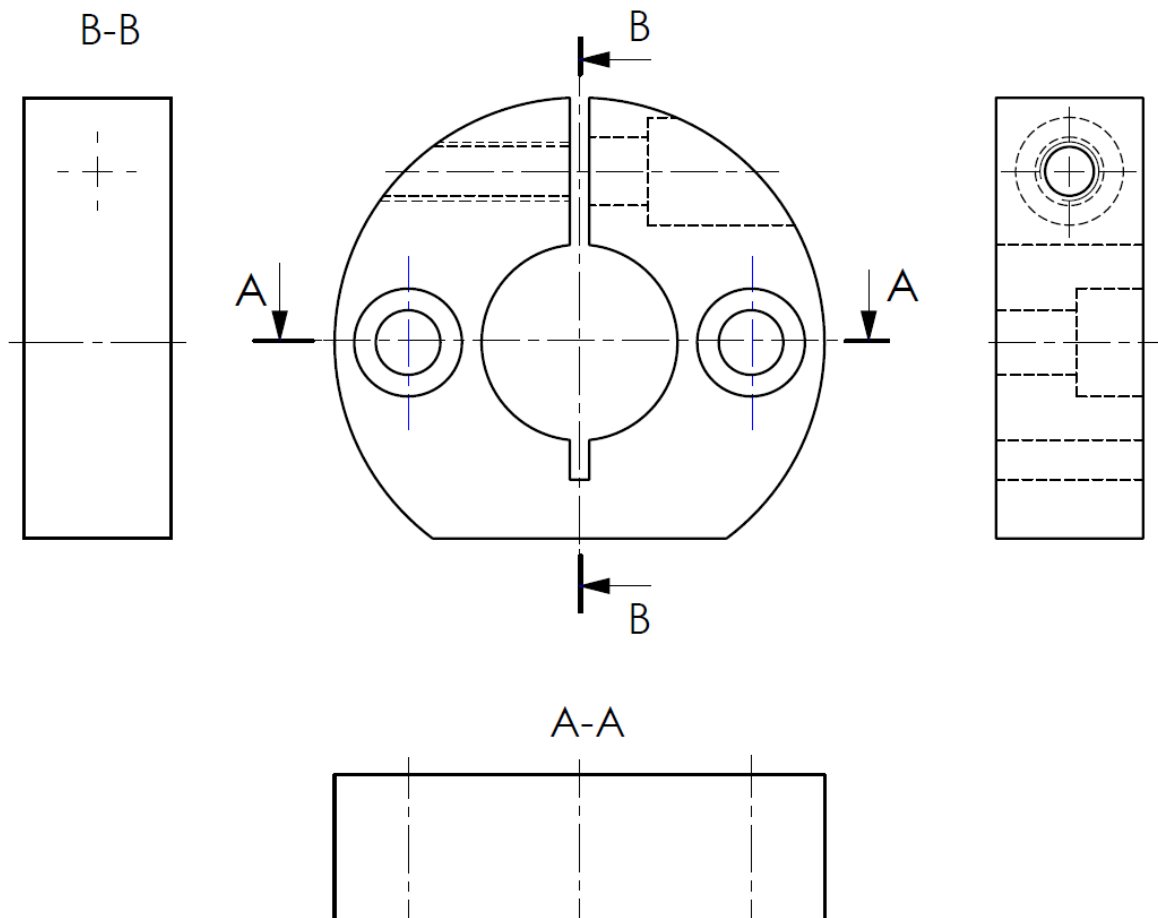
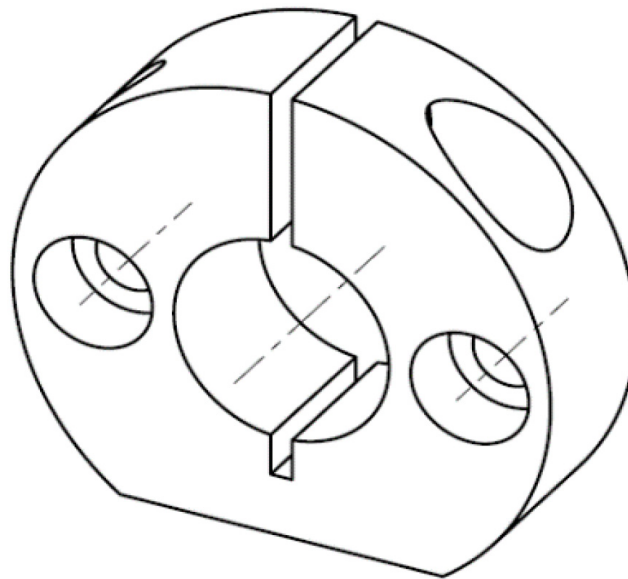
الامتحان الوطني الموحد للبكالوريا
الدورة العادية 2021

.TD N: 16

- Compléter le dessin de la chape en :
 - Vue de droite en coupe B-B (Ne pas représenter les formes cachées).
 - Vue de dessus en coupe A-A (Représenter les formes cachées).

/2,25

Vue 3D de la chape



الامتحان الوطني الموحد للبكالوريا الدورة العادية 2020

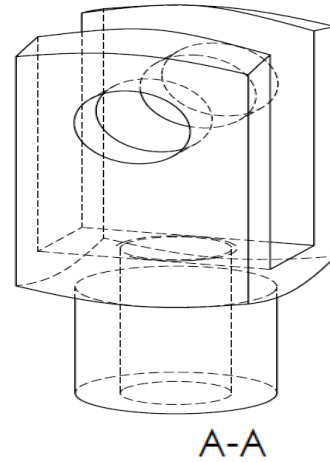
TD N: 17

Compléter les vues suivantes du dessin de la chappe montée sur la tige du vérin :

(Représenter toutes les formes cachées)

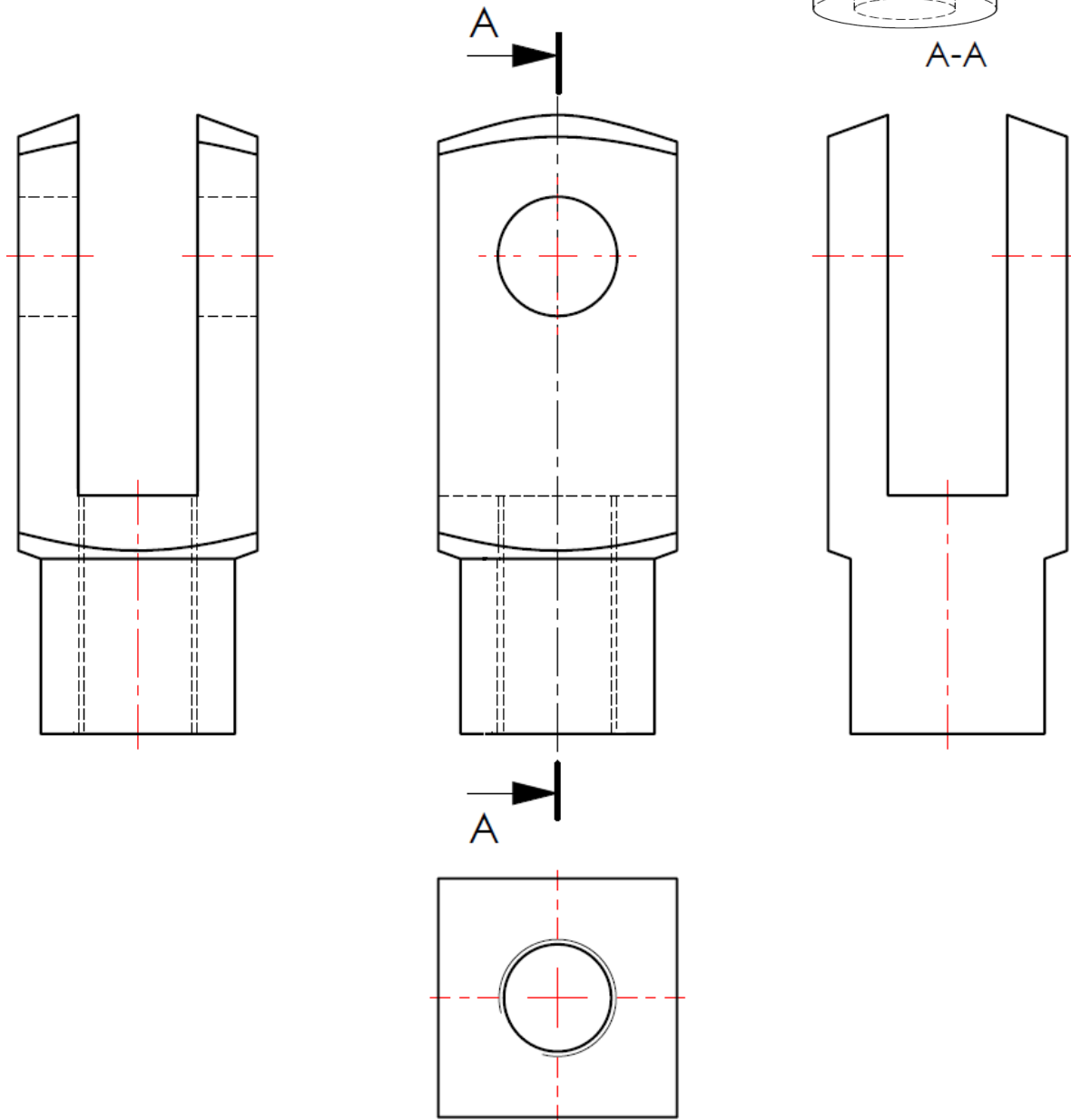
- La vue de gauche en coupe A-A.
- La vue de dessus.

Dessin 3D de la Chappe montée sur la tige du vérin



A-A

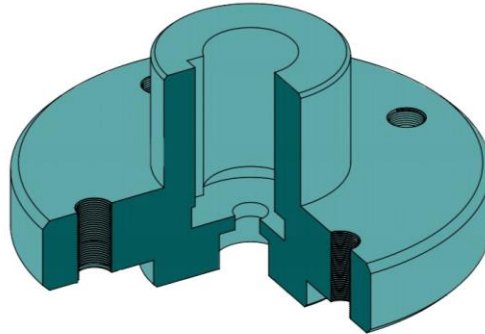
/2,25



TD N: 18

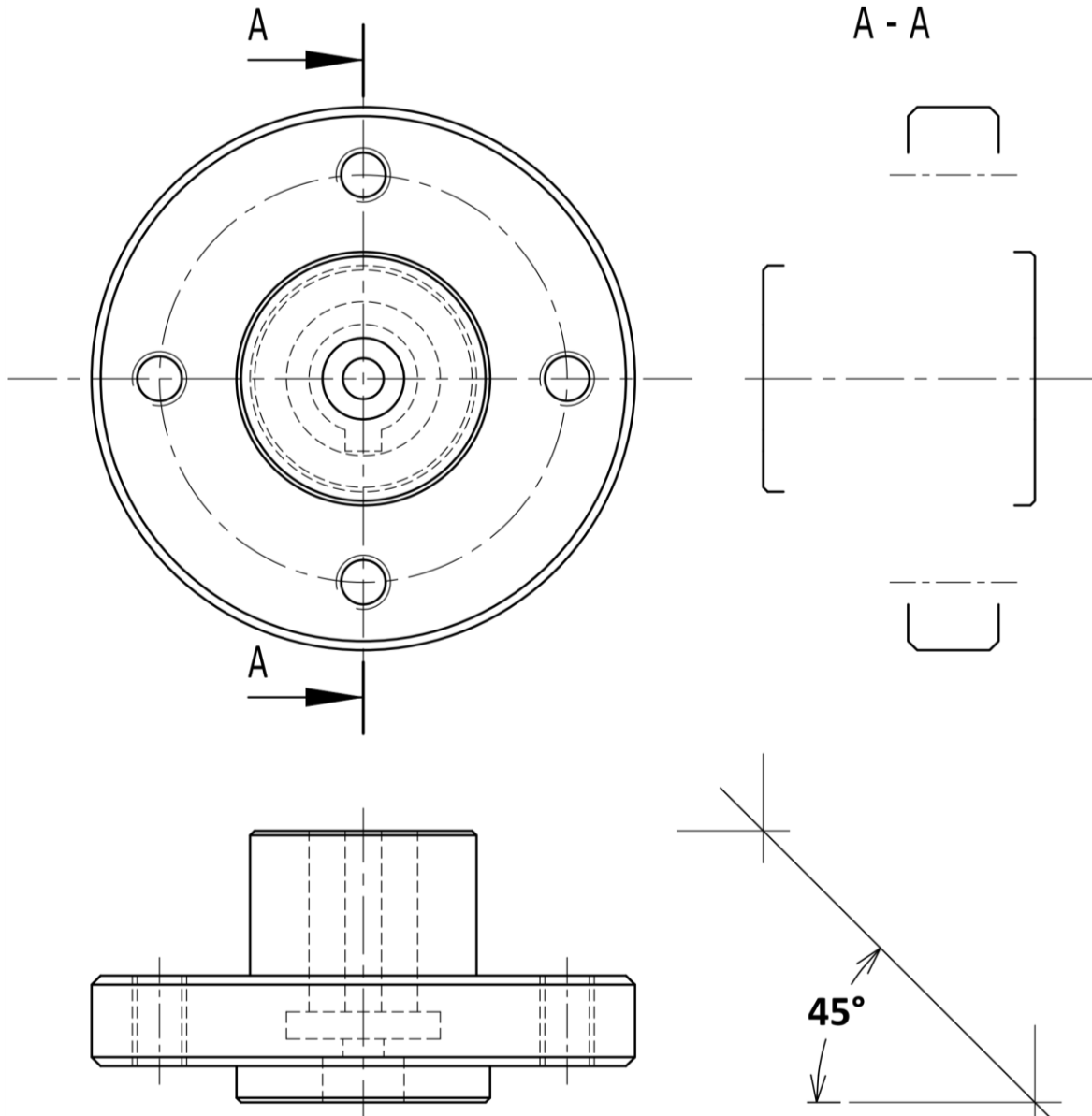
الامتحان الوطني الموحد للبكالوريا الدورة الاستدراكية 2020

Q. Compléter le dessin de la **bride** solidaire de l'arbre du **vérin rotatif** en vue de gauche coupe A-A.
(Sans traits cachés)



/2,50

Vue en perspective de la bride

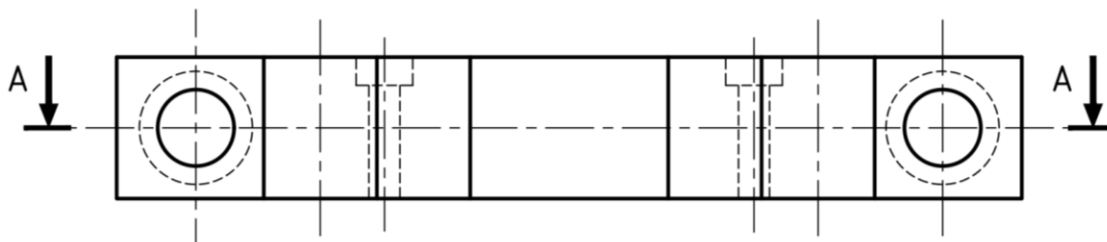
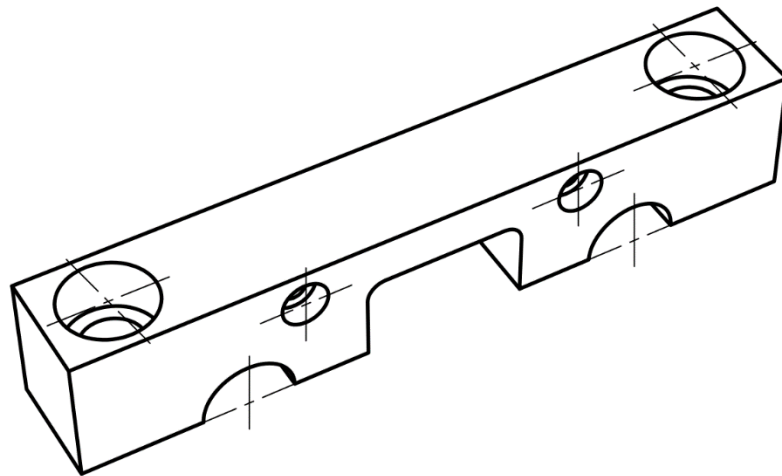


الامتحان الوطني الموحد للبكالوريا
الدورة العادية 2019

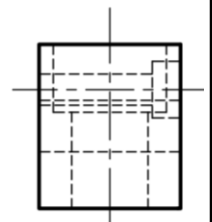
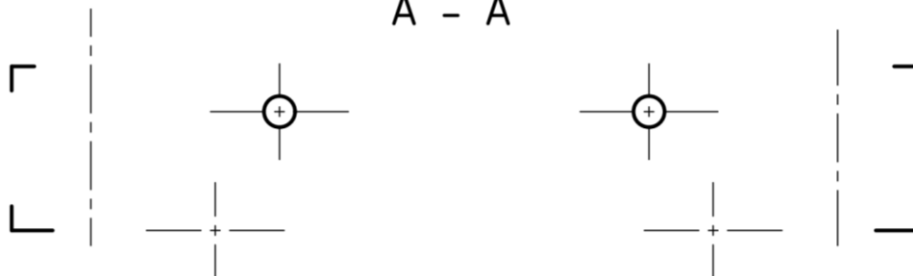
TD N: 19

Compléter la vue de face en coupe A-A du dessin du support de rail lamé.

Vue en 3D du support de rail lamé seul



A - A



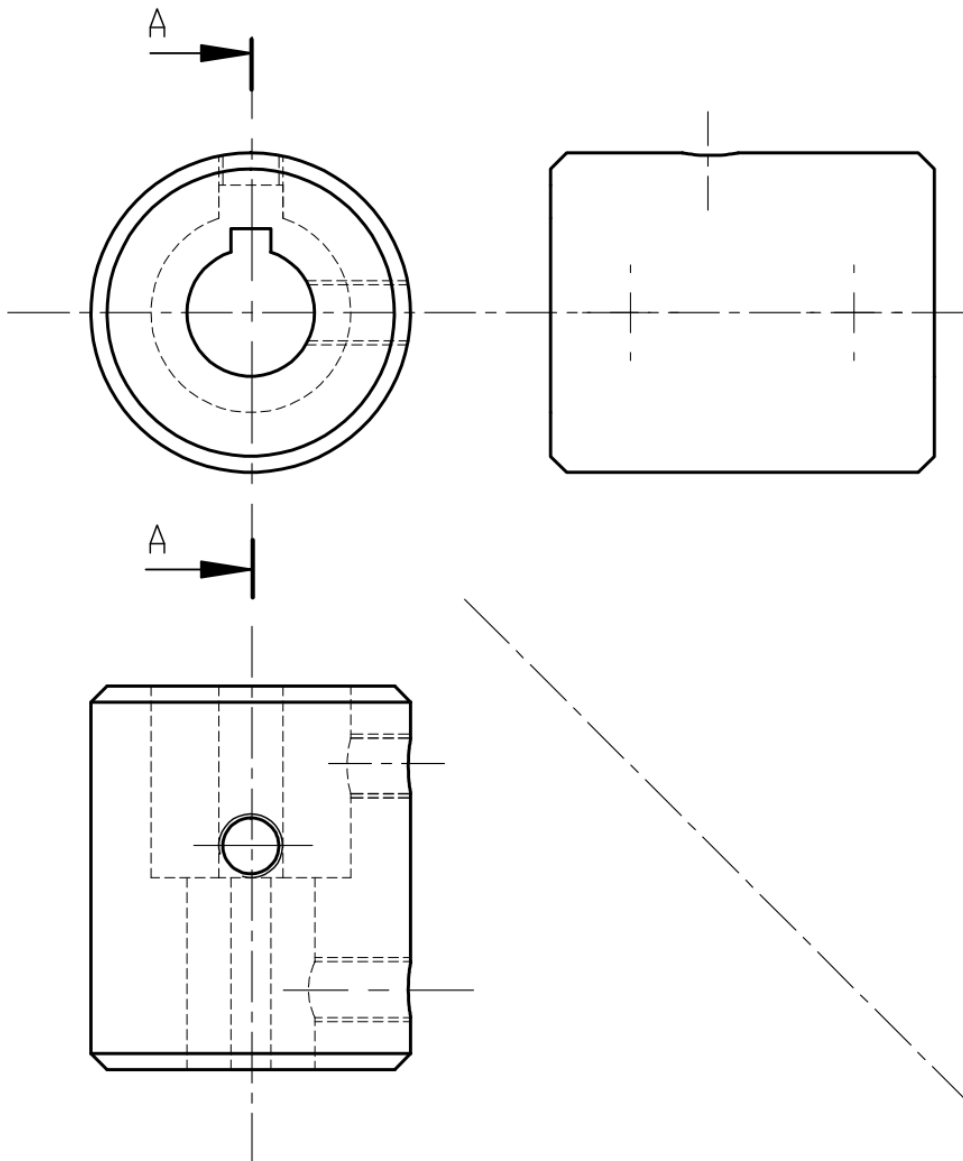
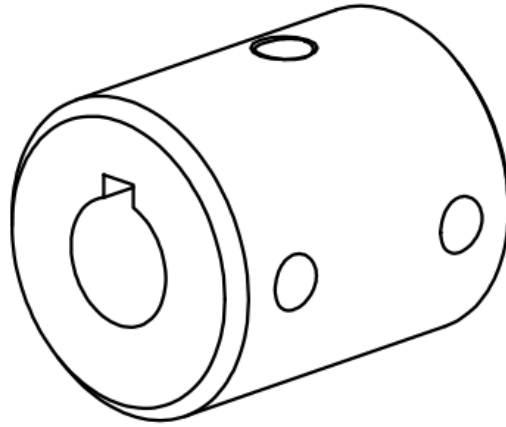
الامتحان الوطني الموحد للبكالوريا

TD N: 20

الدورة الاستدراكية 2019

Compléter la vue de gauche en coupe A-A de cet accouplement sans représenter les arêtes cachées. 2,00 pts

Représentation 3D du manchon de l'accouplement



الامتحان الوطني الموحد للبكالوريا

الدورة العادية 2022

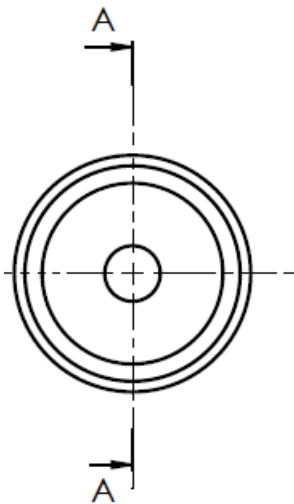
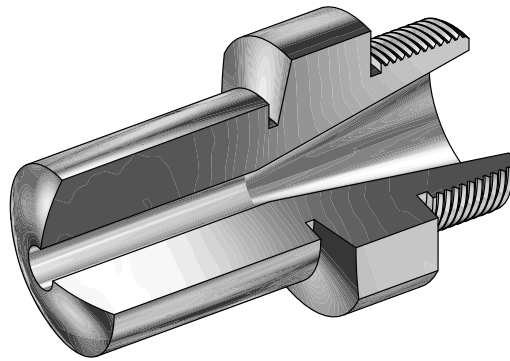
TD N: 21

Q. Compléter le dessin de la buse en :

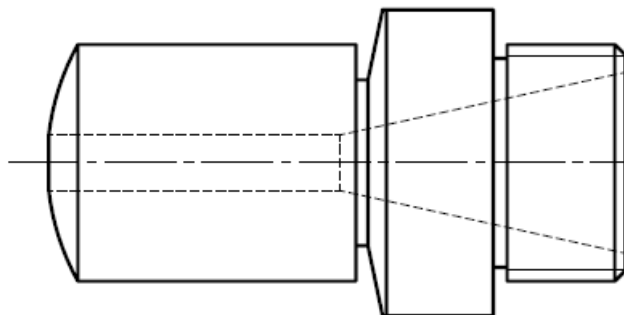
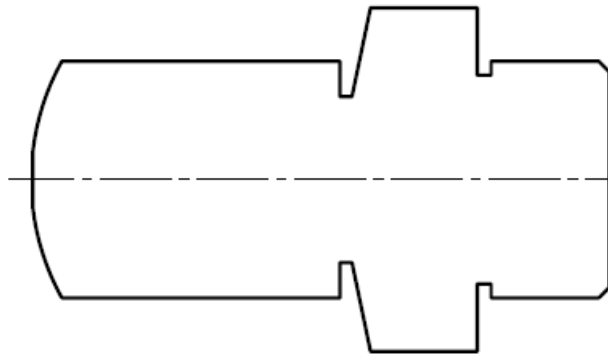
- Vue de face en coupe A-A.
- Vue de droite.

2,50 pts

Nota : Voir le rendu 3D de la buse en 1/4 enlevé



A-A



الامتحان الوطني الموحد للبكالوريا

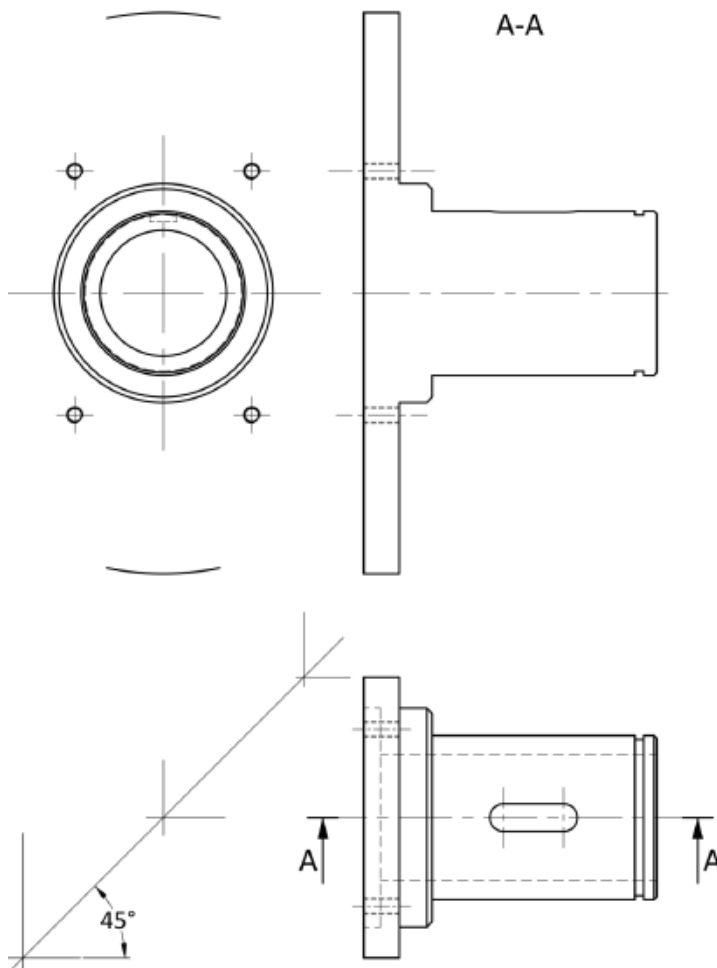
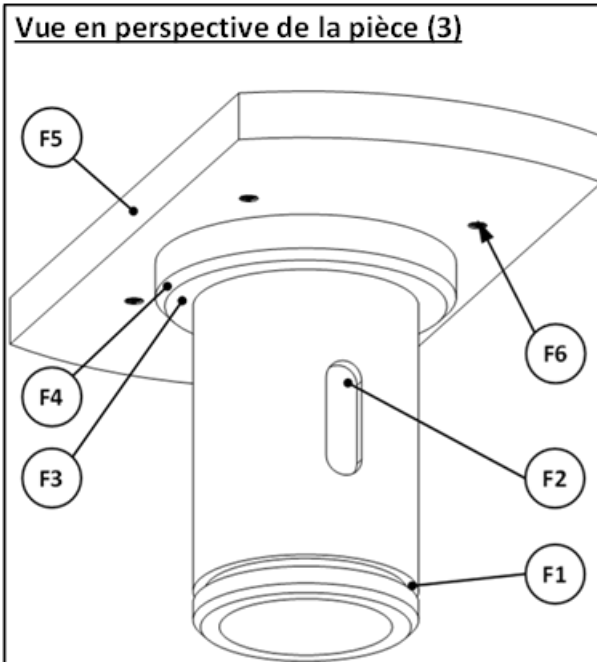
الدورة الاستدراكية 2022

TD N: 22

Q. Compléter la pièce (3) en vue de :

- Face coupe A-A ;
- droite.

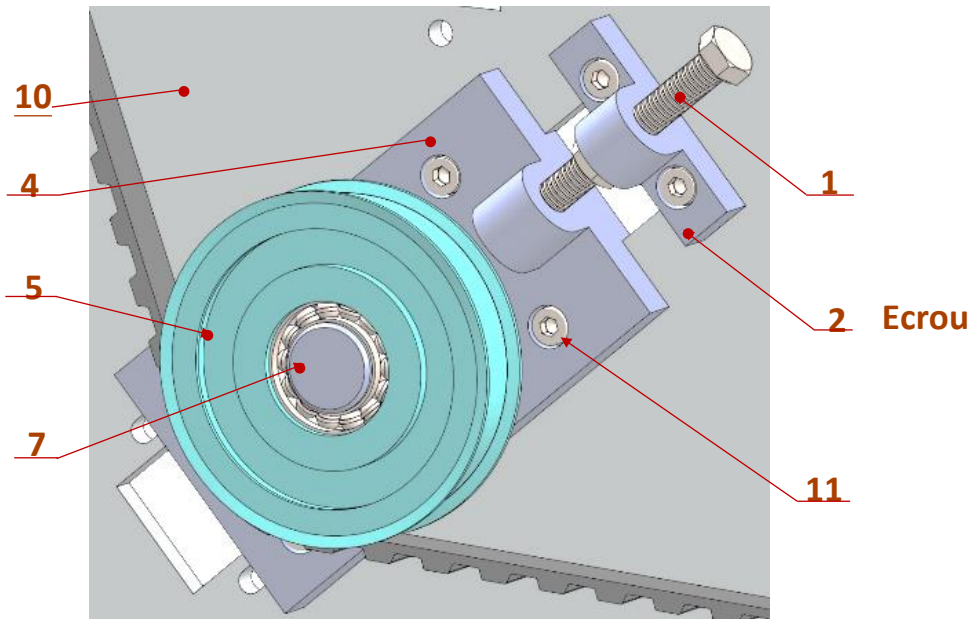
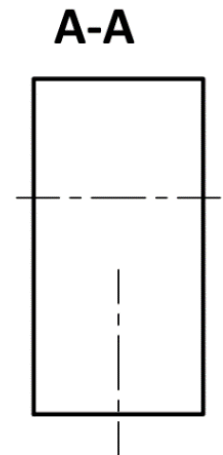
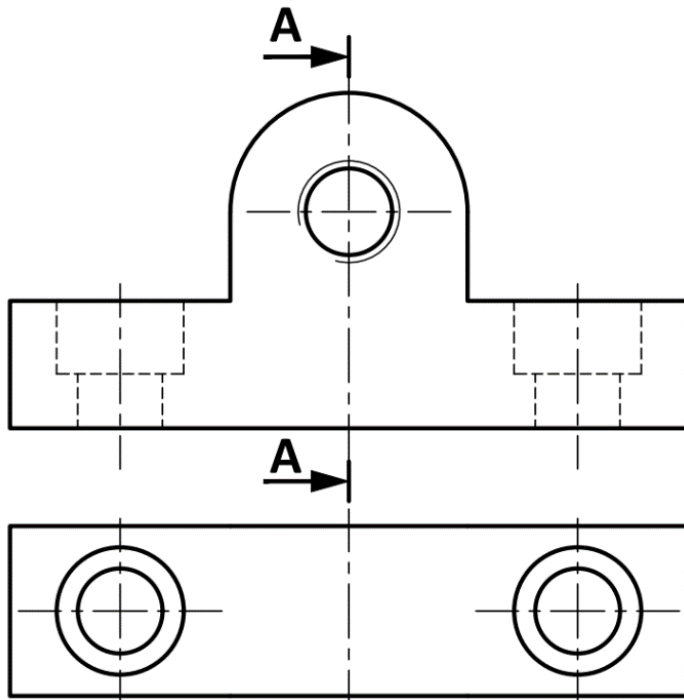
2,00 pts



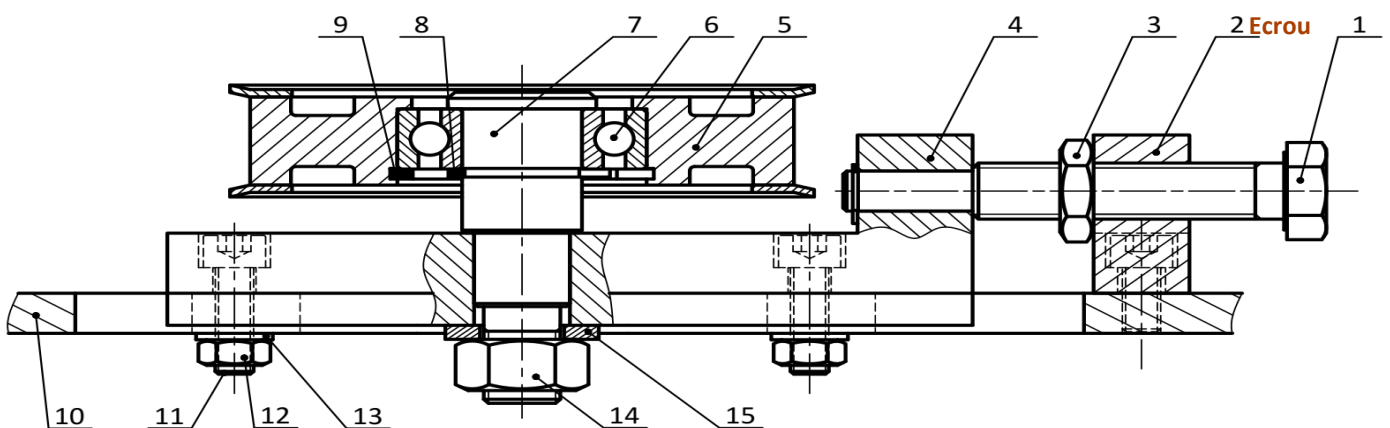
Compléter le dessin de l'écrou 2 en :

- Vue de gauche en coupe A-A ;
- Vue de dessus

2,50 ptss



Dessin 2D du système tendeur de la courroie crantée (Courroie non représentée)

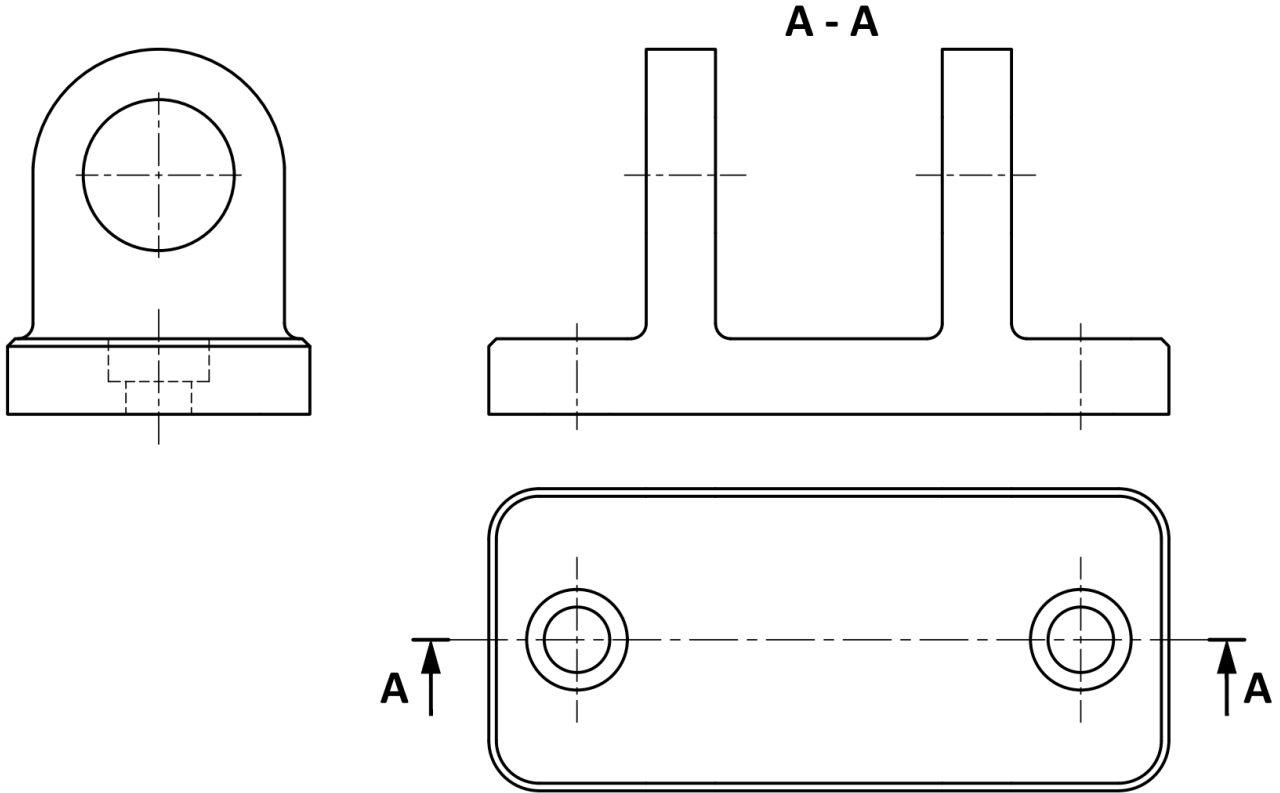


Compléter le dessin de la chape de fixation (2) en :

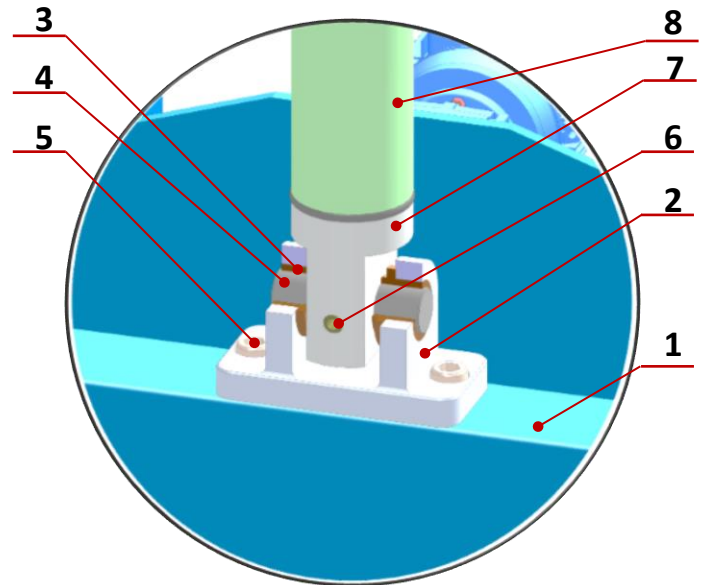
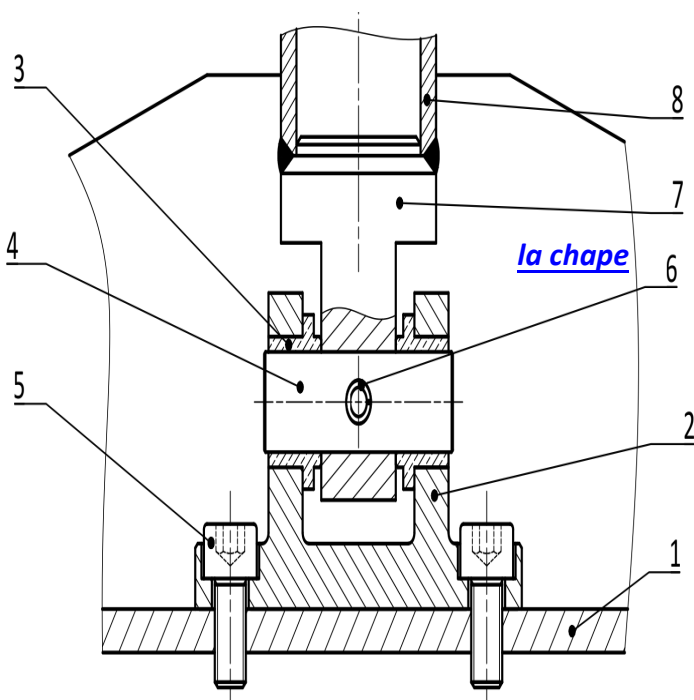
- Vue de face coupe A-A.
- Vue de dessus.

1,75 pts

Nota : Ne pas représenter les formes cachées

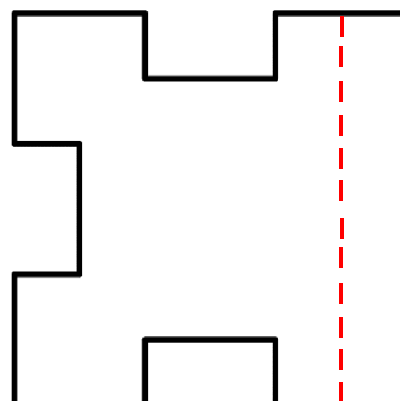
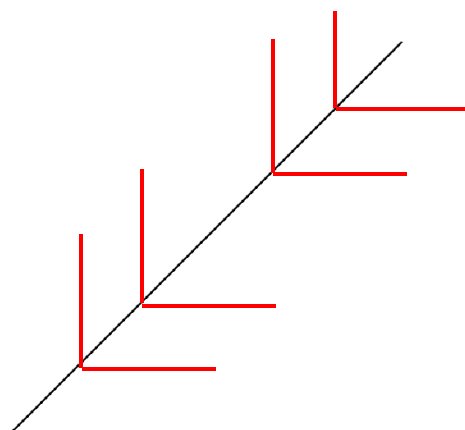
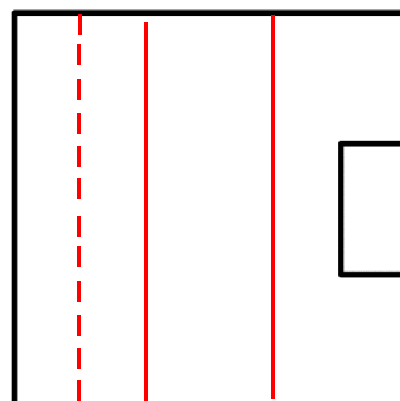
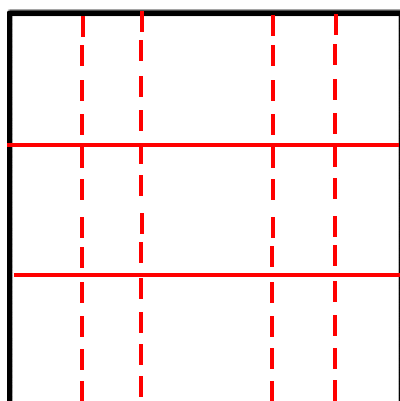
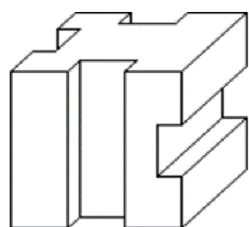


Représentation 3D et 2D de la liaison entre le vérin hydraulique et le module horizontal

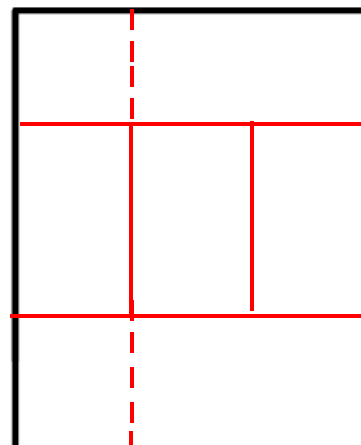
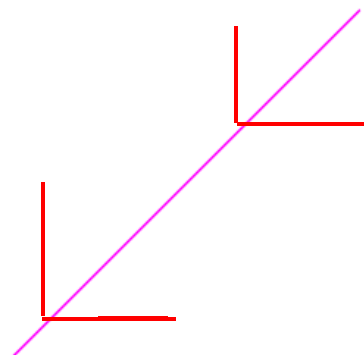
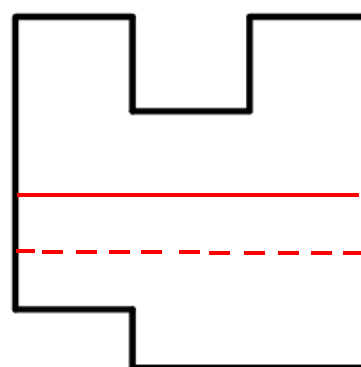
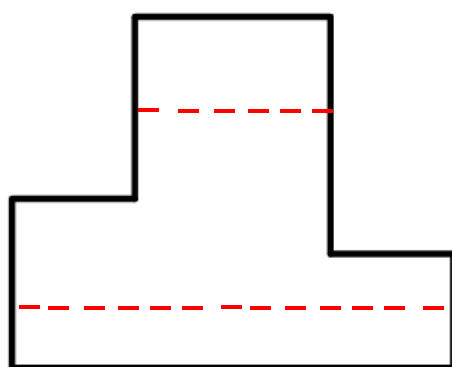
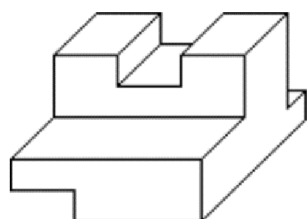


Compléter les vues suivantes

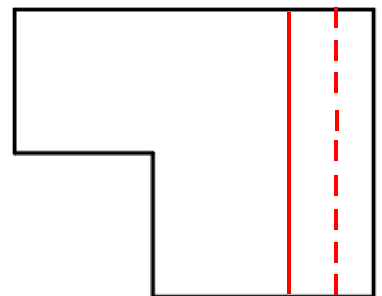
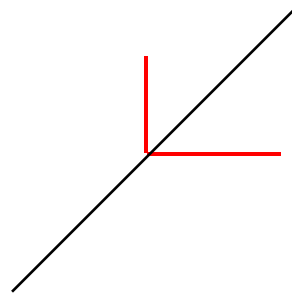
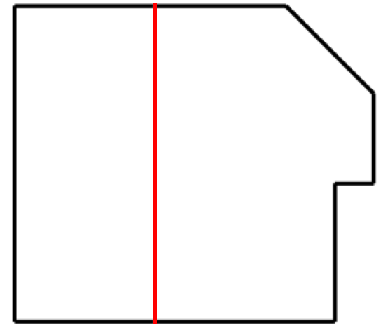
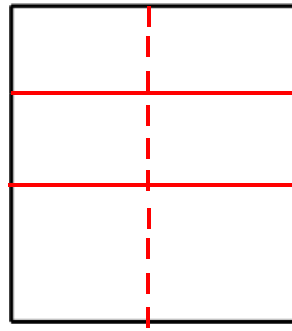
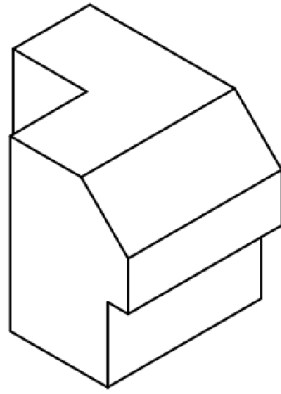
TD N: 1



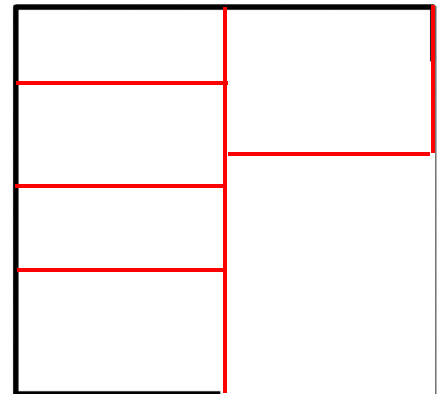
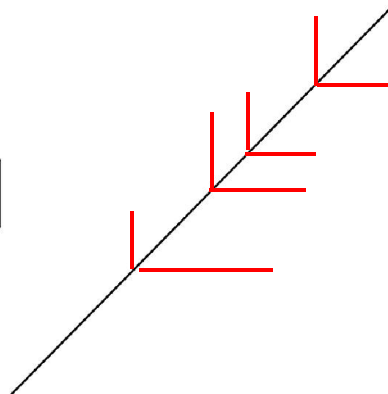
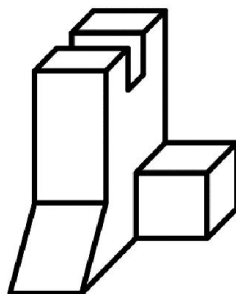
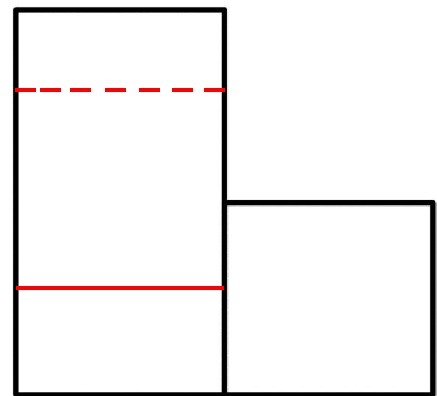
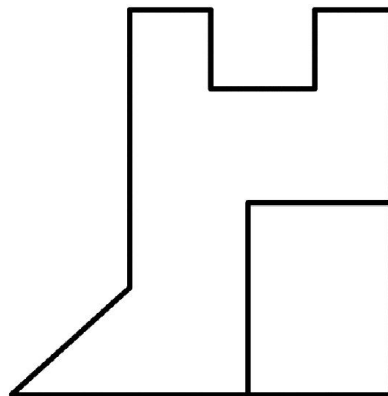
TD N: 2



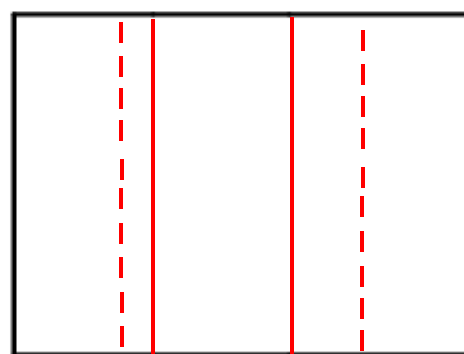
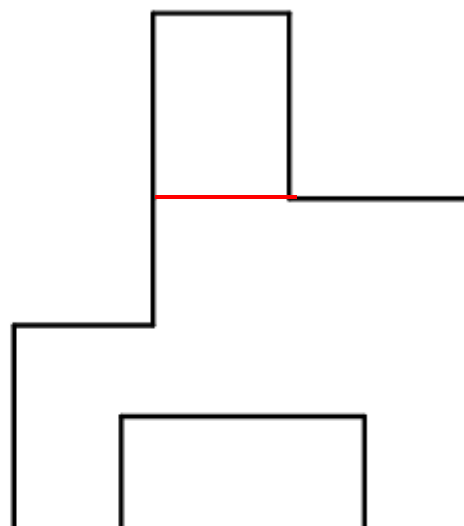
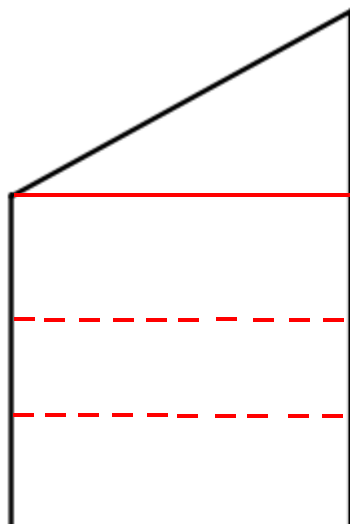
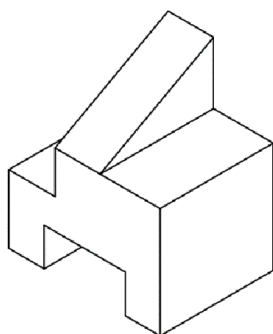
TD N: 3



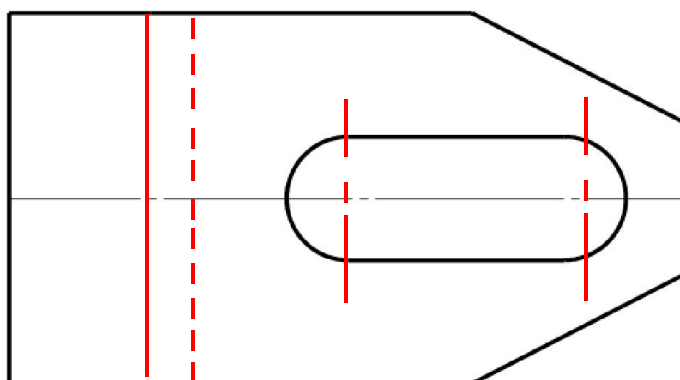
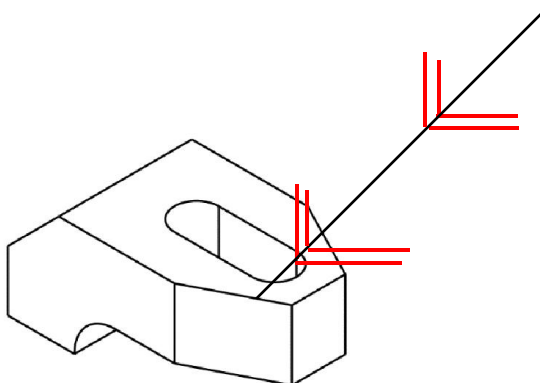
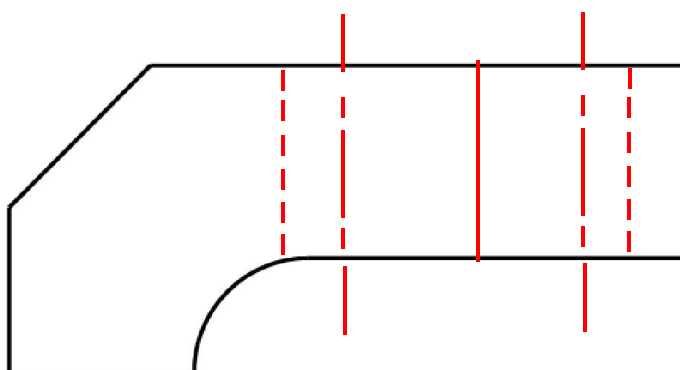
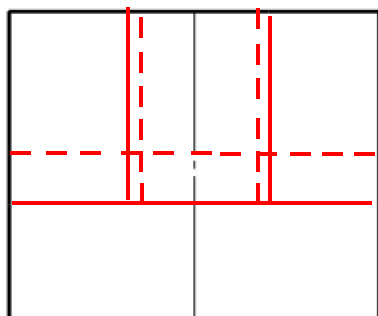
TD N: 4



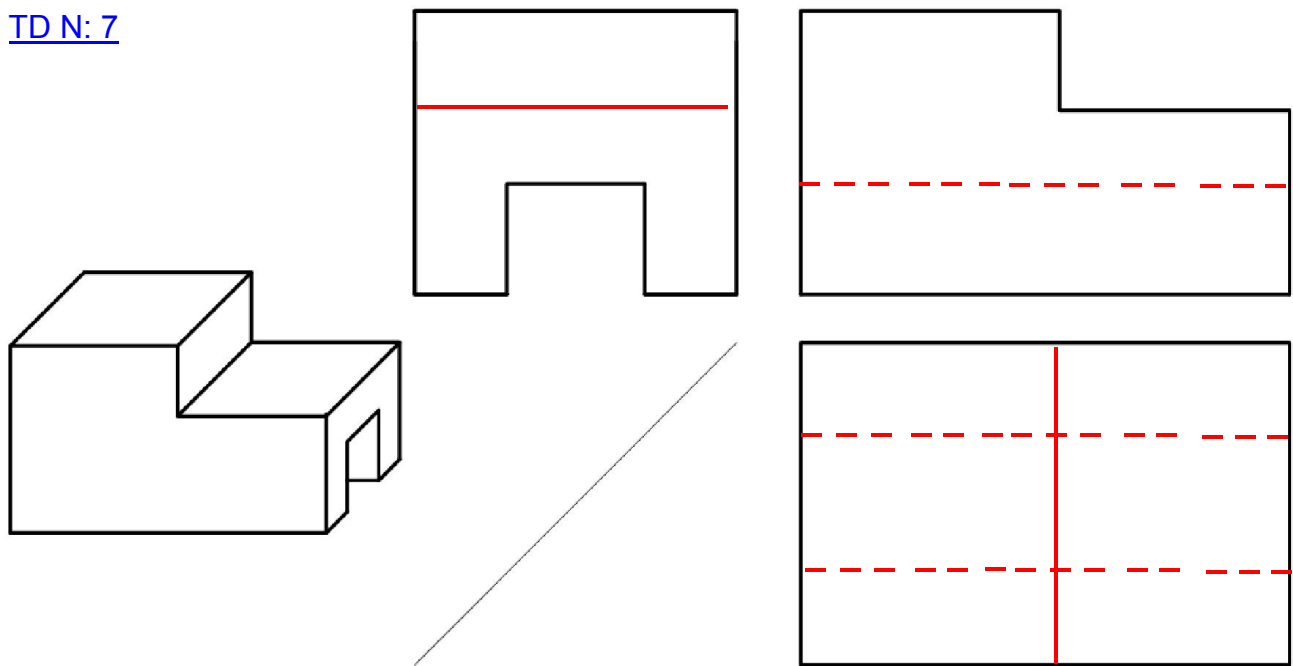
TD N: 5



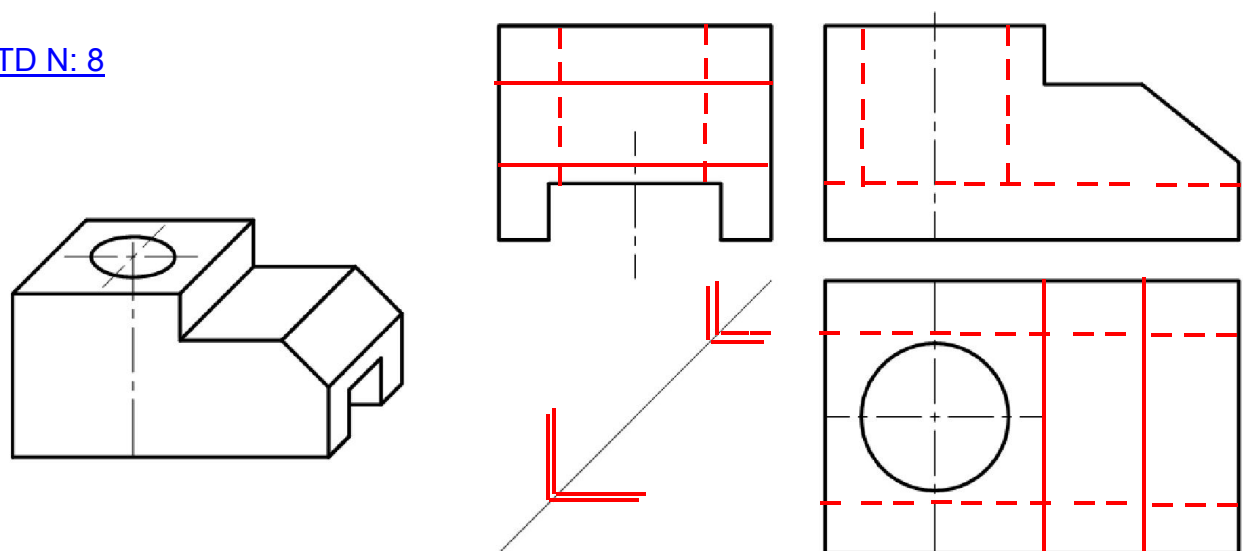
TD N: 6



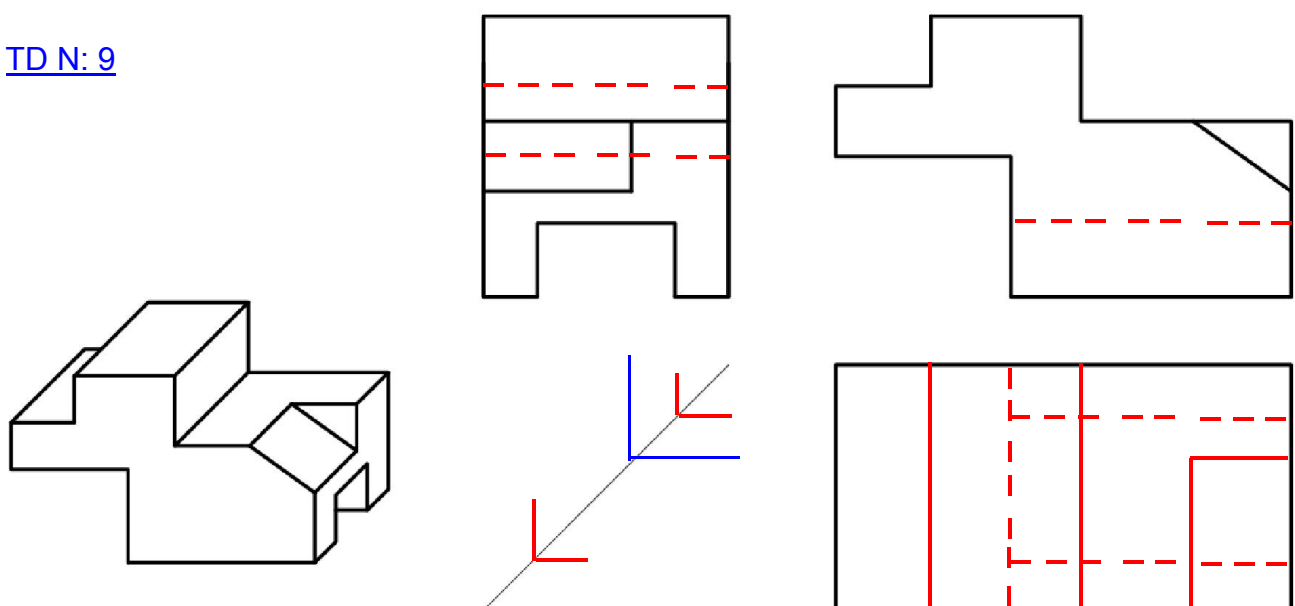
TD N: 7



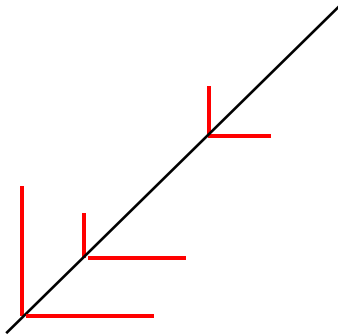
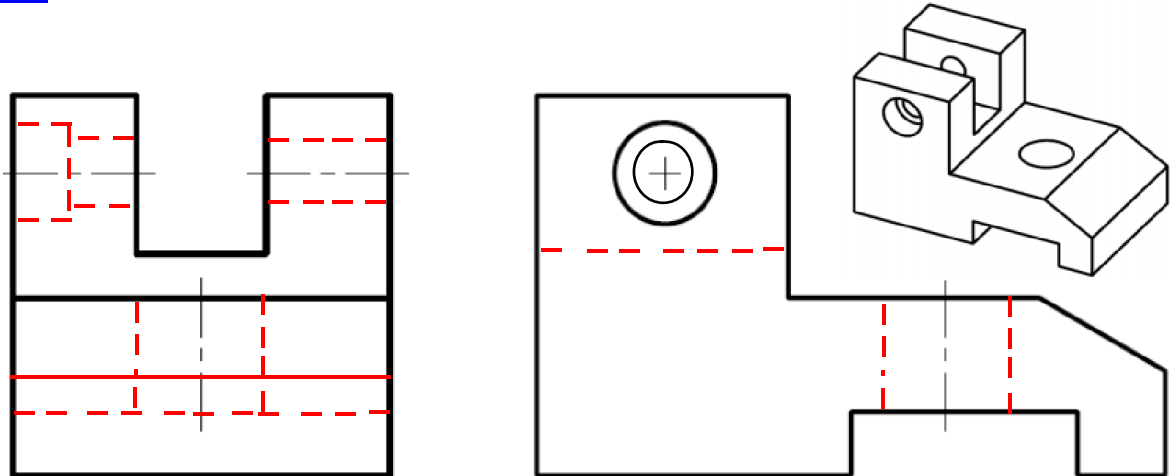
TD N: 8



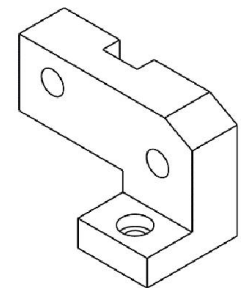
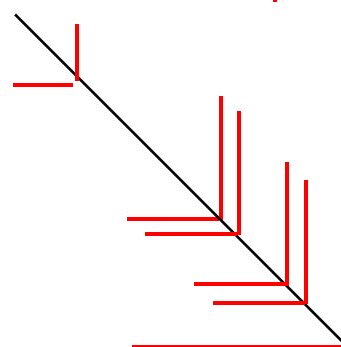
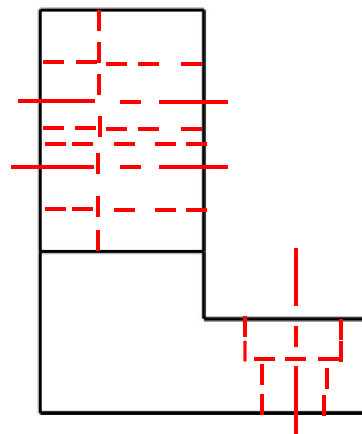
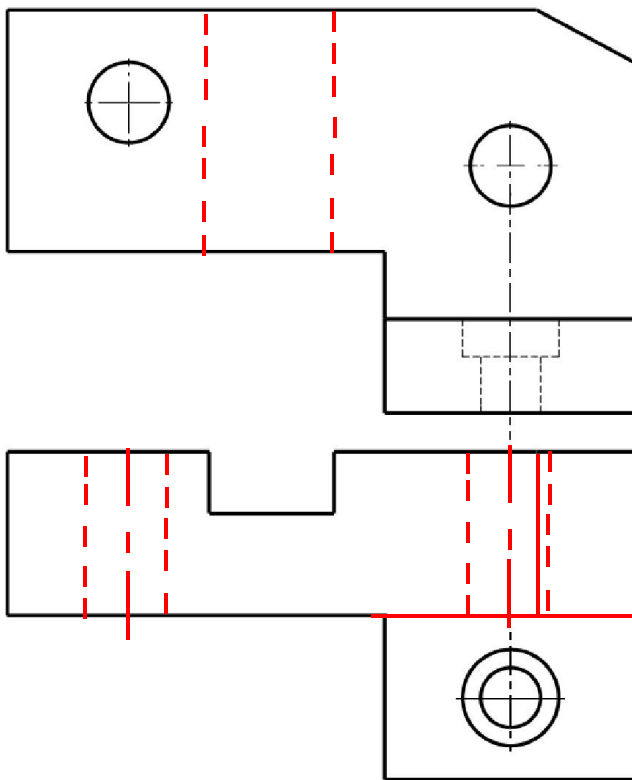
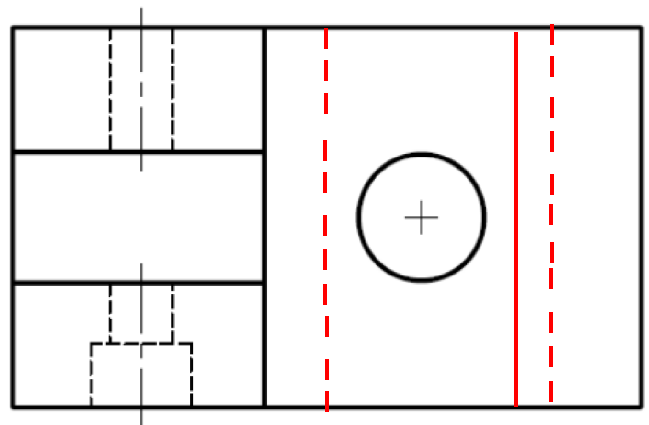
TD N: 9



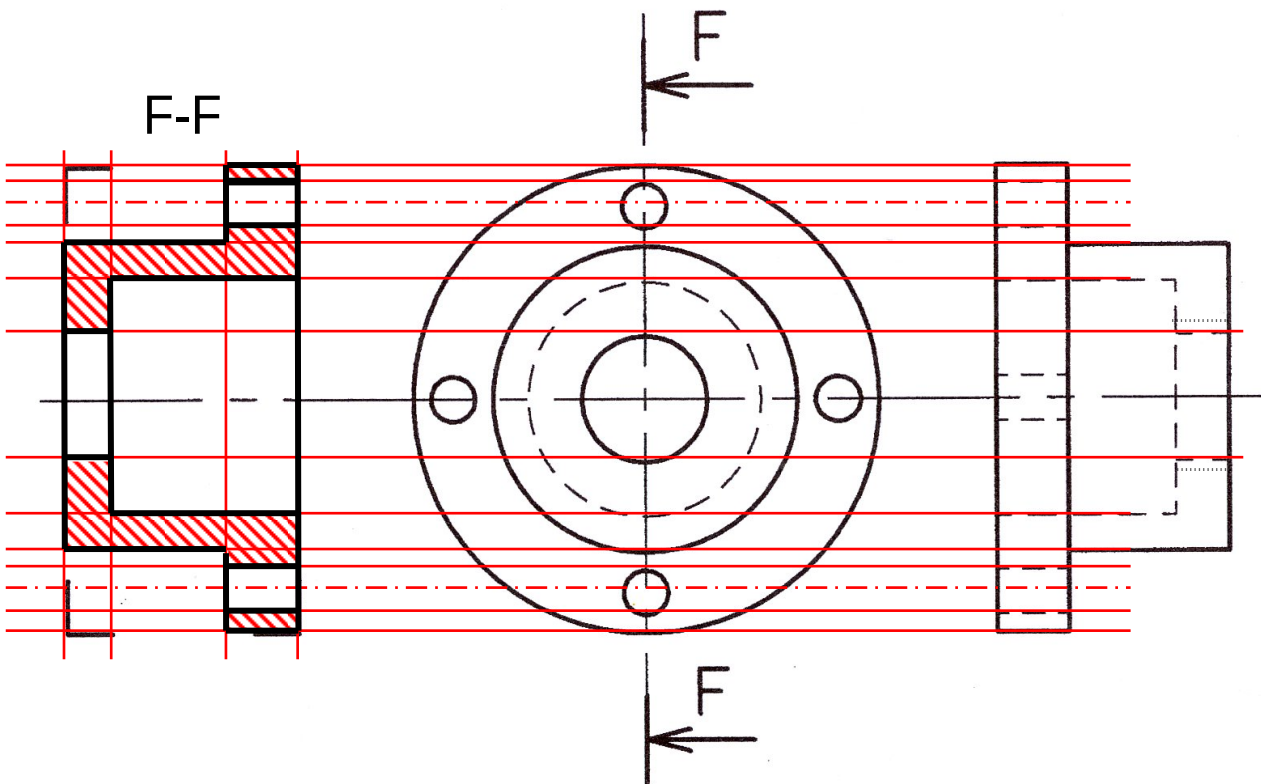
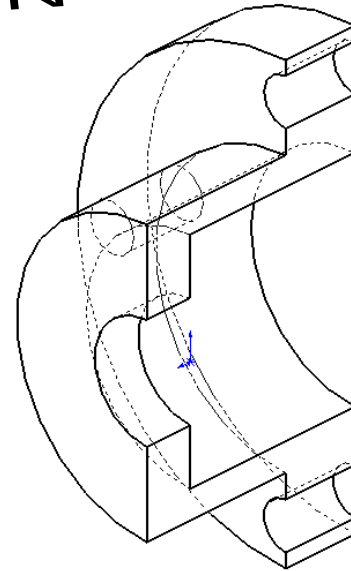
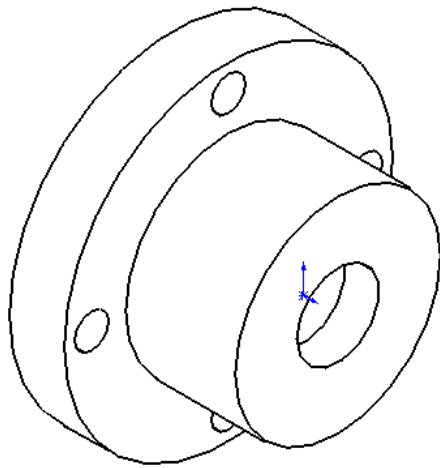
TD N: 10



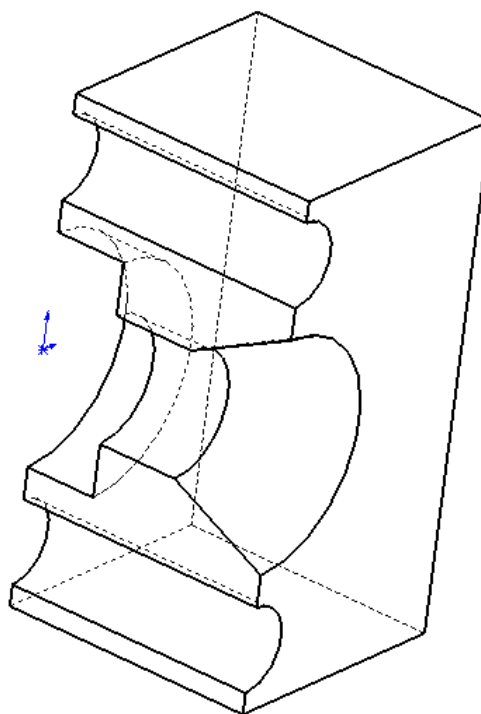
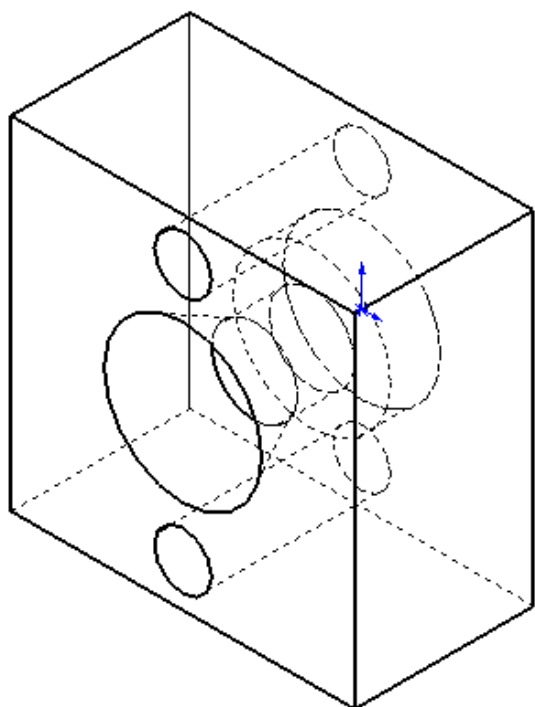
TD N: 11



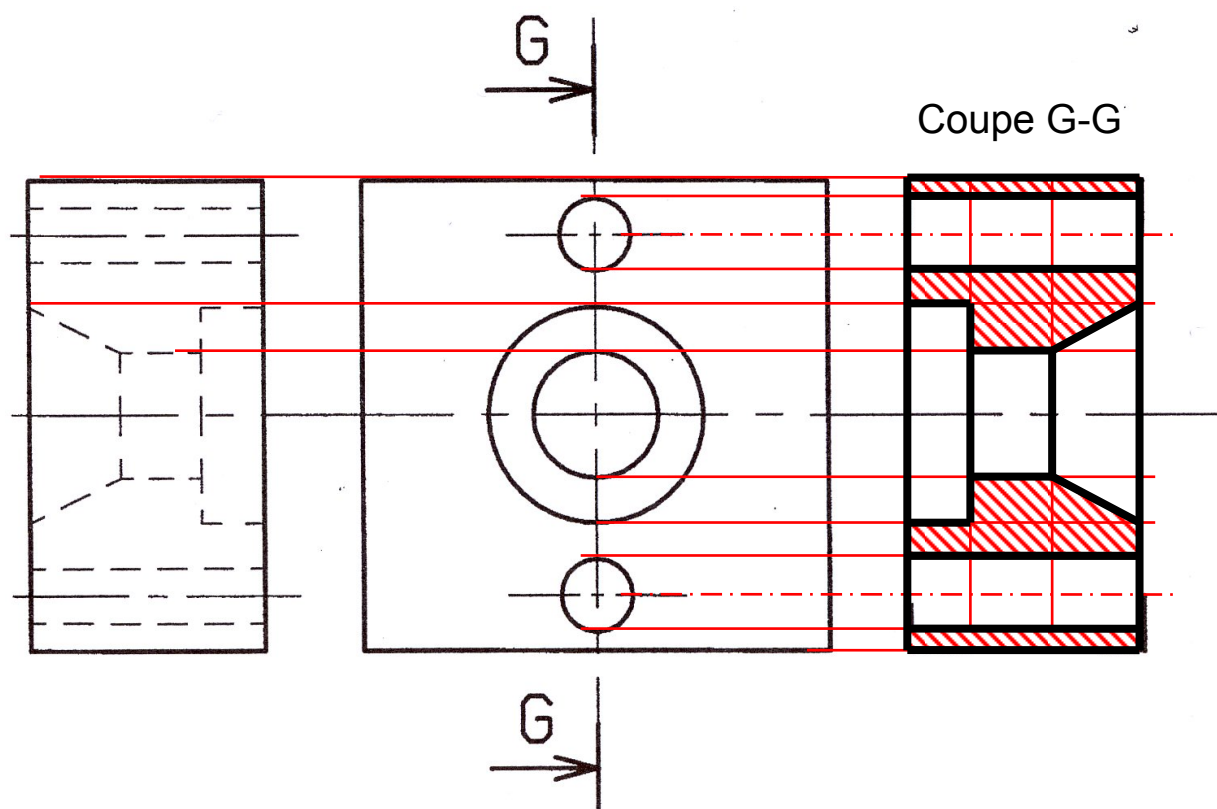
CORRECTION



CORRECTION

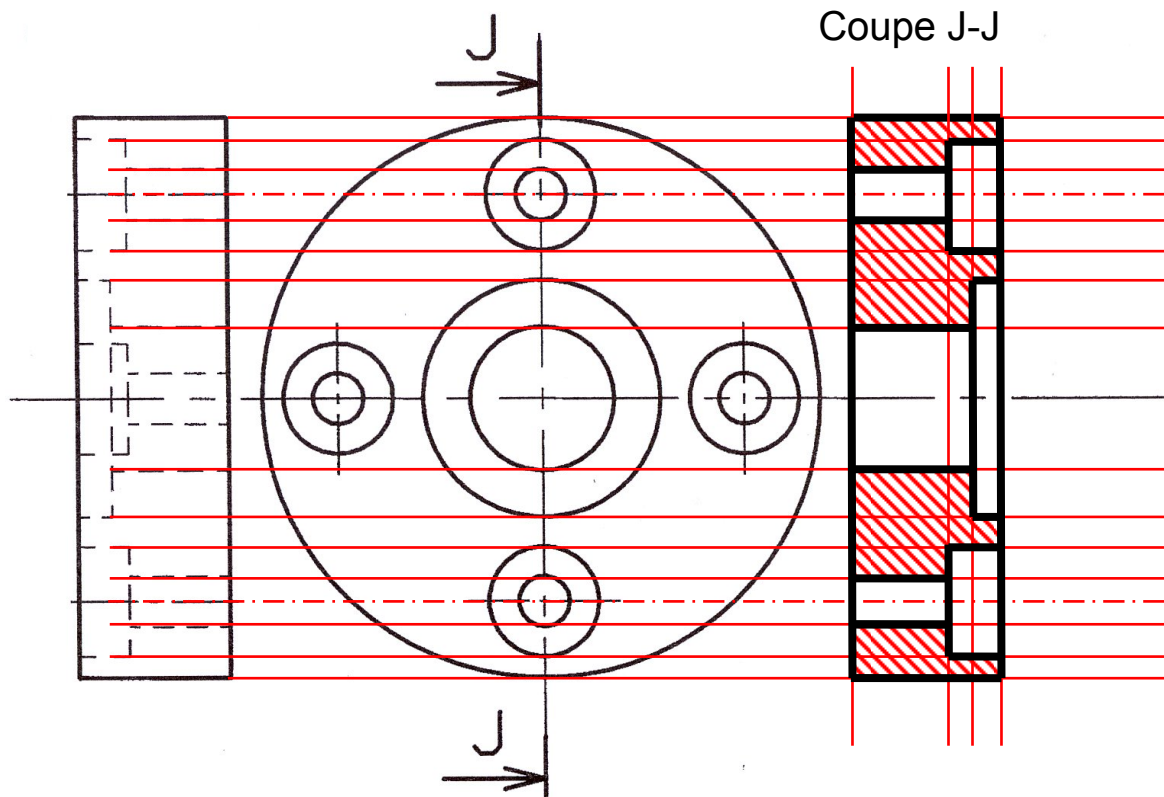
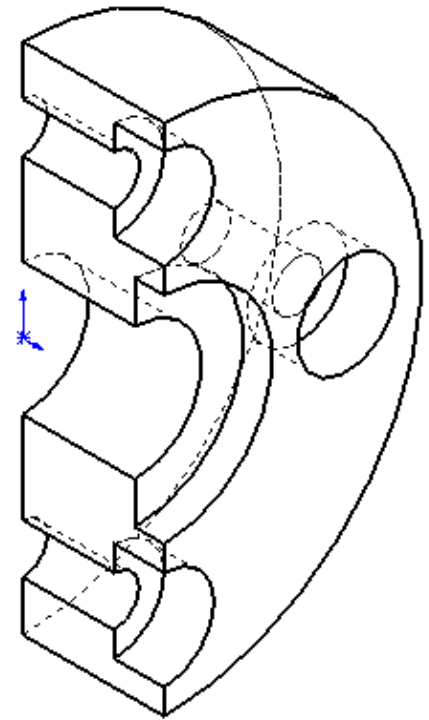
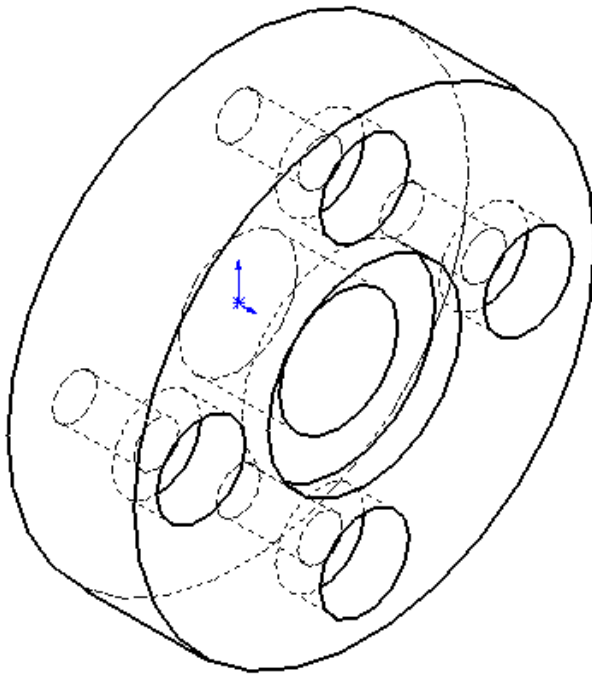


Coupe G-G



.TD N: 14

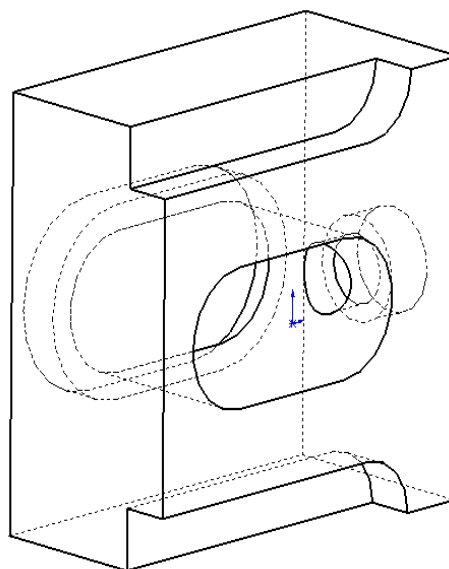
CORRECTION



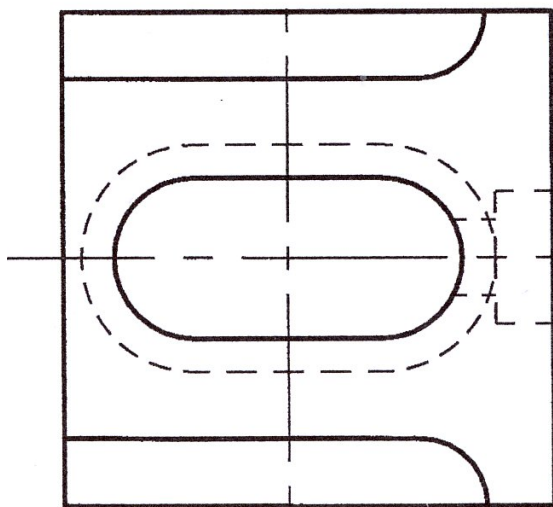
TD N: 15

CORRECTION

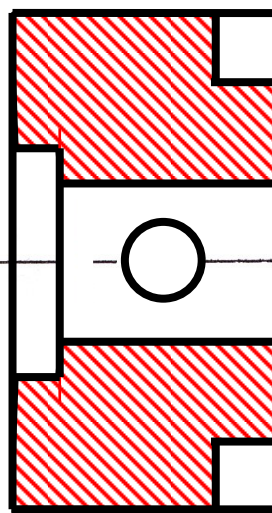
Compléter la section H-H de cette pièce .



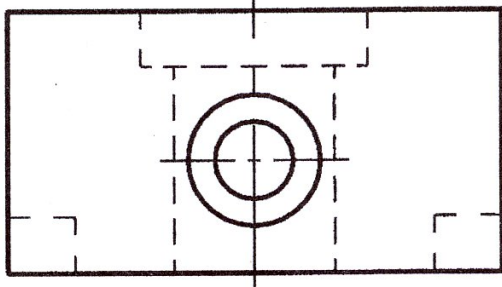
H
↓



section H-H



H
↓



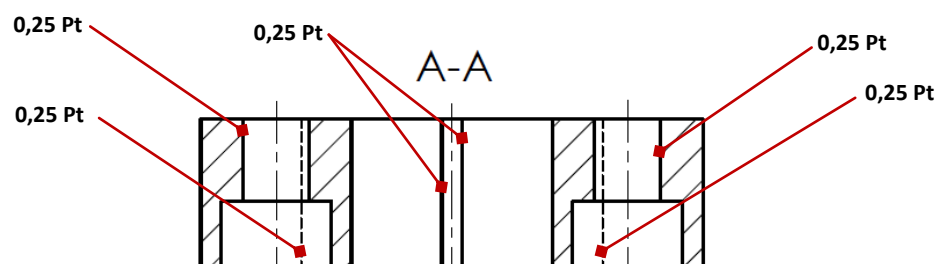
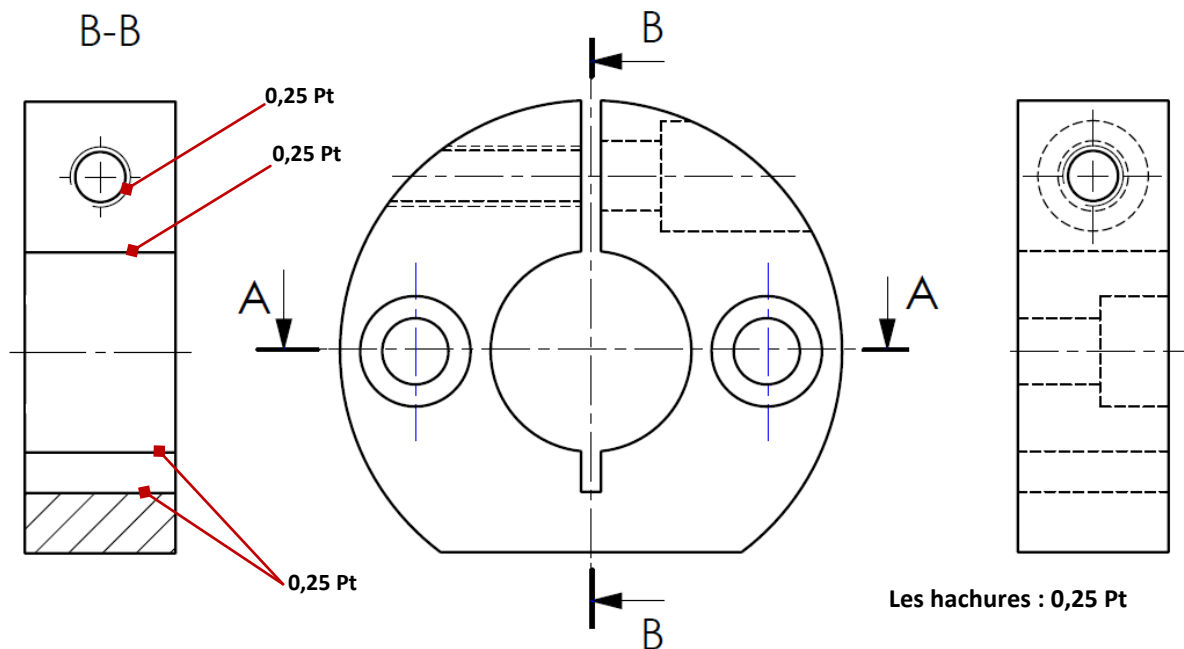
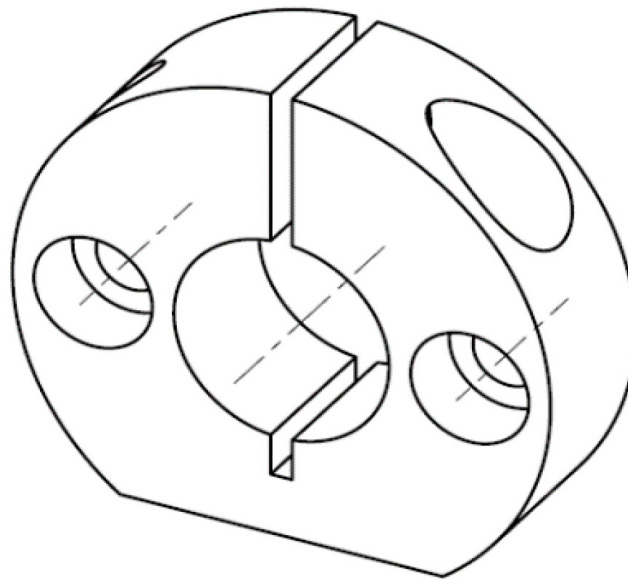
الامتحان الوطني الموحد للبكالوريا الدورة العادية 2021

.TD N: 16

- Compléter le dessin de la chape en :
 - Vue de droite en coupe B-B (Ne pas représenter les formes cachées).
 - Vue de dessus en coupe A-A (Représenter les formes cachées).

/2,25

Vue 3D de la chape



الامتحان الوطني الموحد للبكالوريا الدورة العادية 2020

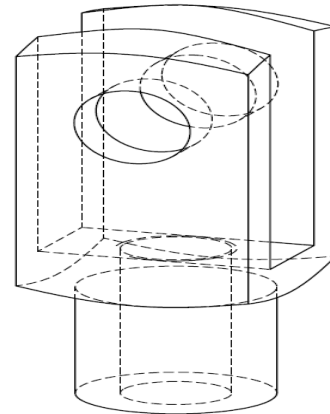
TD N: 17

Compléter les vues suivantes du dessin de la chappe montée sur la tige du vérin :

(Représenter toutes les formes cachées)

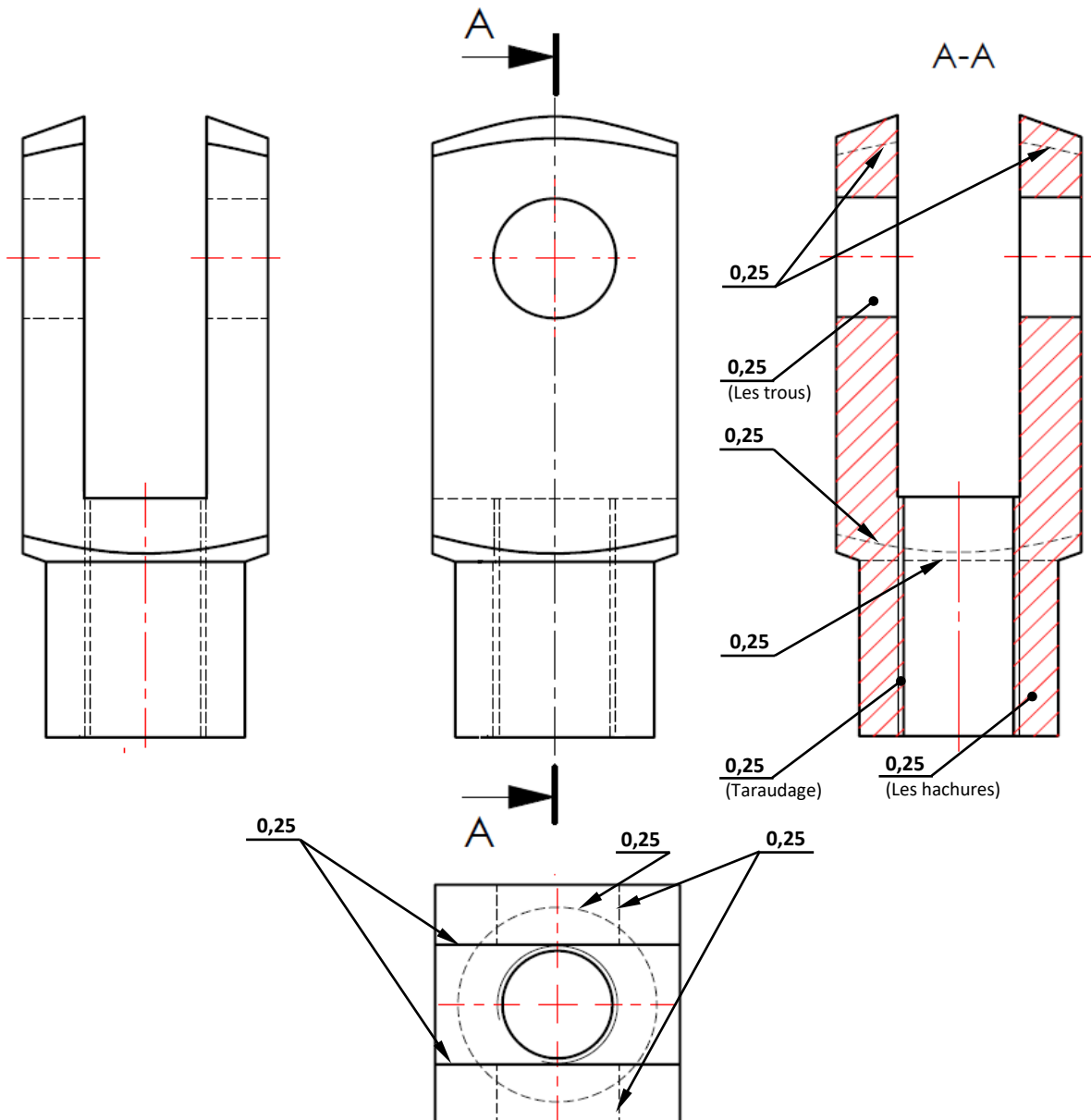
- La vue de gauche en coupe A-A.
- La vue de dessus.

Dessin 3D de la Chappe montée sur la tige du vérin



/2,25

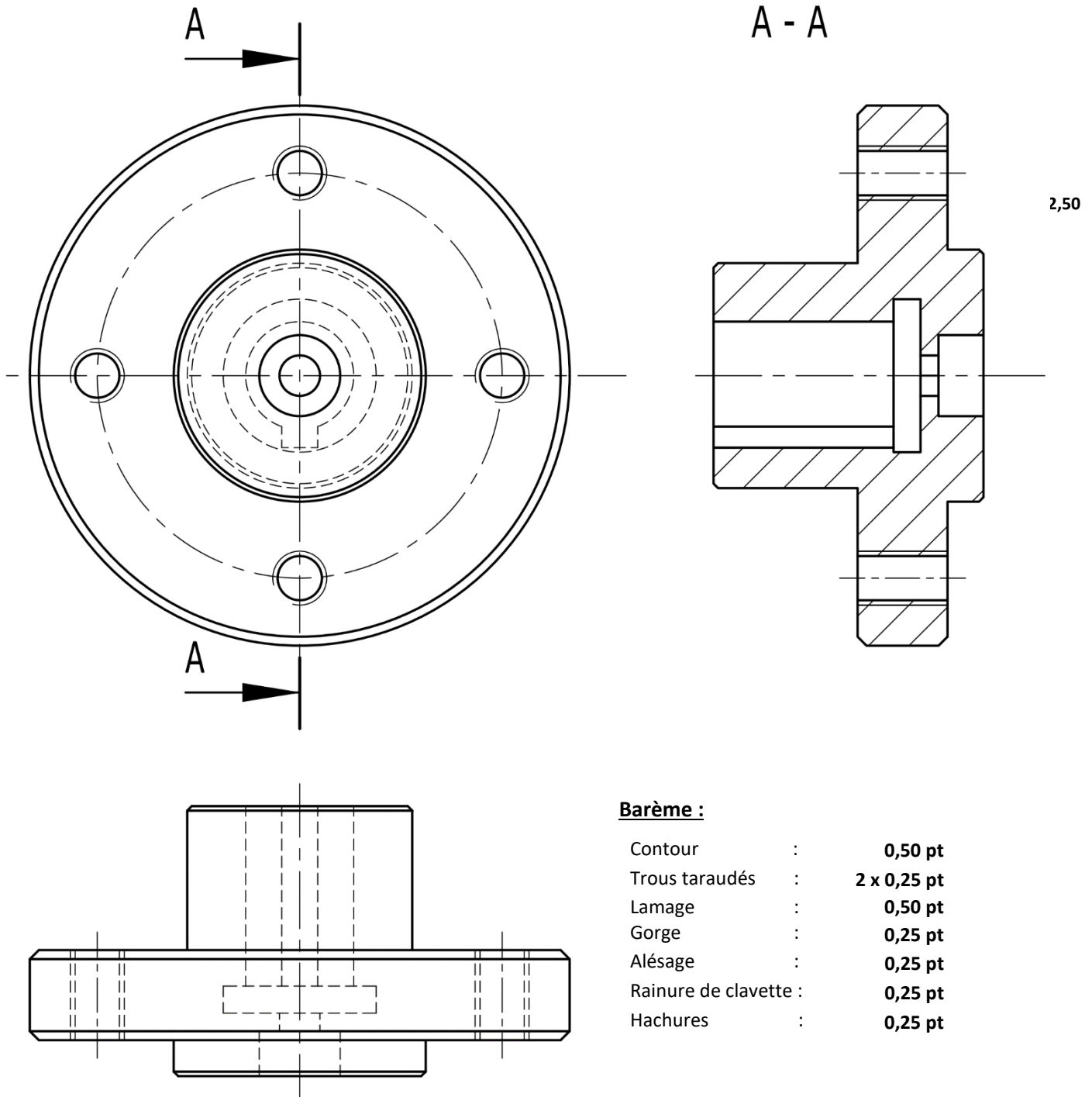
- Vue de dessus.



TD N: 18

الامتحان الوطني الموحد للبكالوريا الدورة الاستدراكية 2020

Q. Compléter le dessin de la **bride** solidaire de l'arbre du **vérin rotatif** en vue de gauche coupe A-A.
(Sans traits cachés)



Barème :

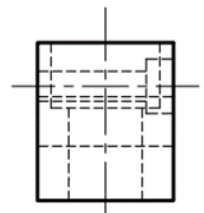
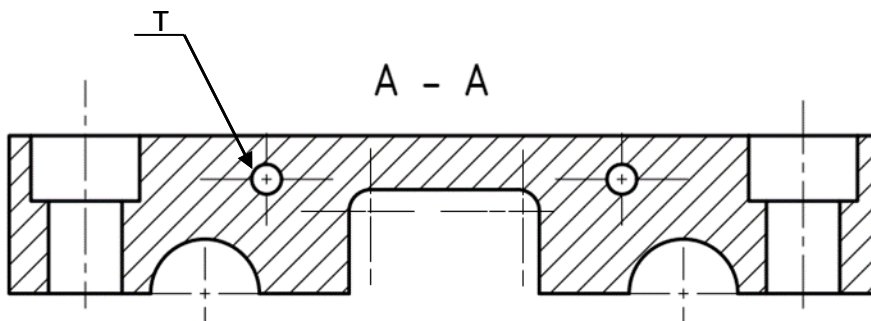
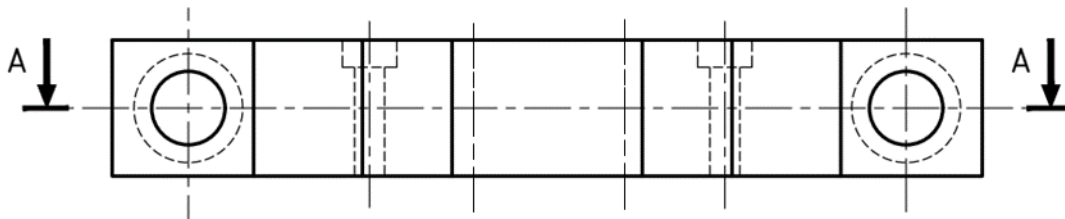
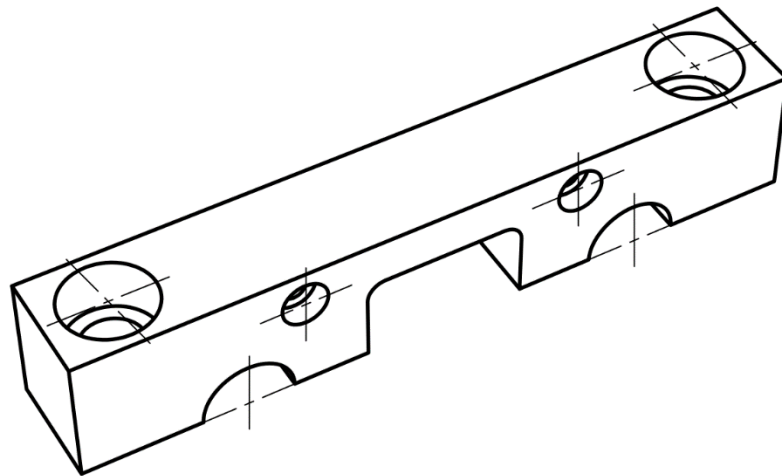
Contour	:	0,50 pt
Trous taraudés	:	2 x 0,25 pt
Lamage	:	0,50 pt
Gorge	:	0,25 pt
Alésage	:	0,25 pt
Rainure de clavette	:	0,25 pt
Hachures	:	0,25 pt

الامتحان الوطني الموحد للبكالوريا
الدورة العادية 2019

TD N: 19

Compléter la vue de face en coupe A-A du dessin du support de rail lamé.

Vue en 3D du support de rail lamé seul



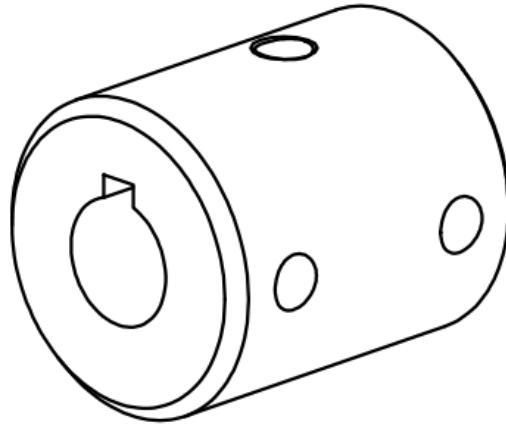
الامتحان الوطني الموحد للبكالوريا

TD N: 20

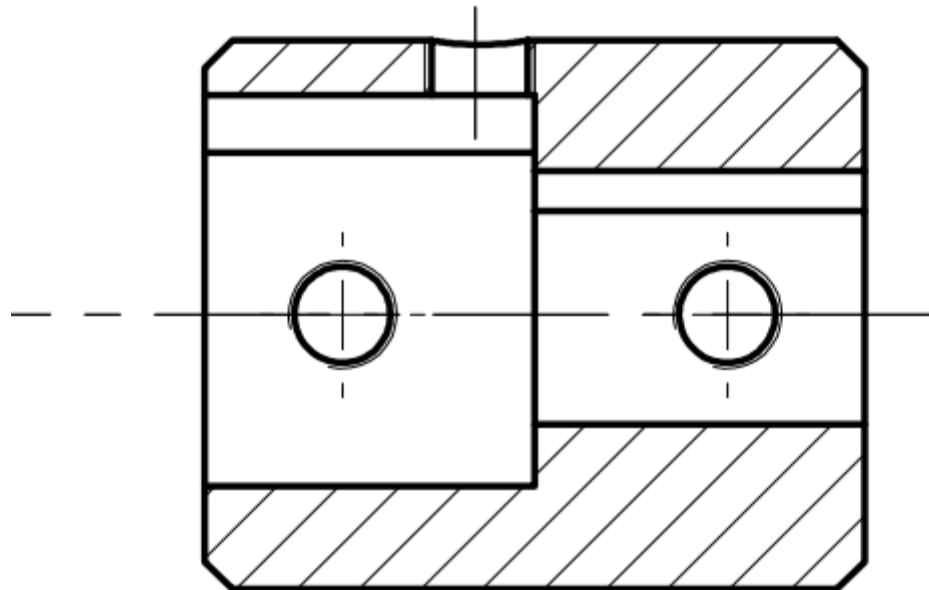
الدورة الاستدراكية 2019

Compléter la vue de gauche en coupe A-A de cet accouplement sans représenter les arêtes cachées. 2,00 pts

Représentation 3D du manchon de l'accouplement



A-A



Coupe +hachure	/0,75 pt
Rainures	/0,50 pt
Taraudages	/ 0,5 pt
Repérage de la coupe	/0,25 pt

الامتحان الوطني الموحد للبكالوريا

الدورة العادية 2022

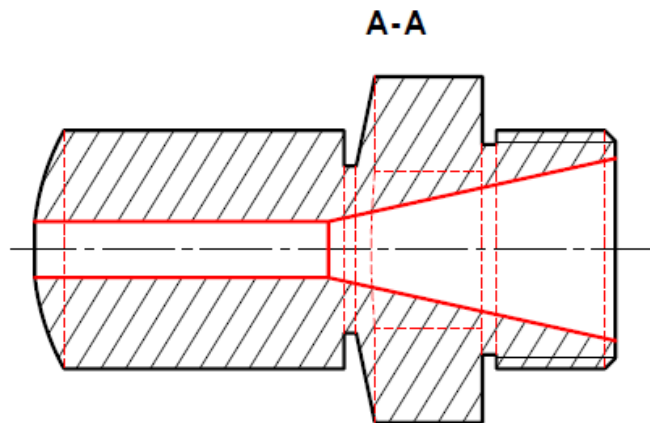
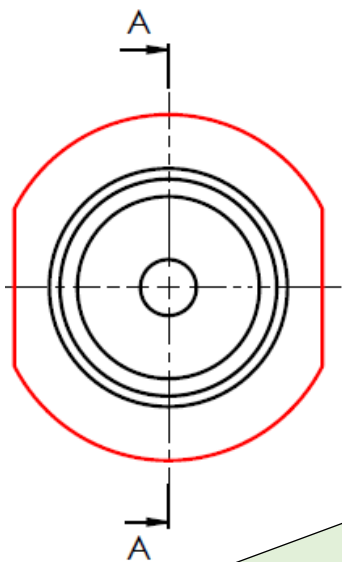
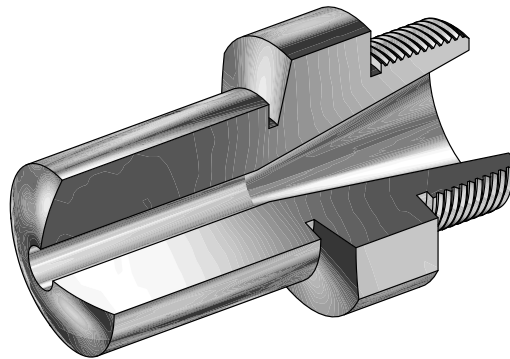
TD N: 21

Q.32. Compléter le dessin de la buse en :

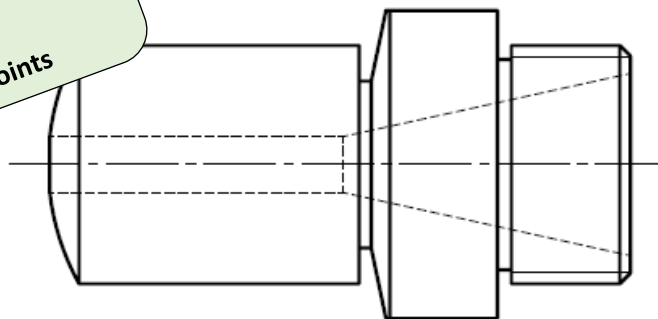
- Vue de face en coupe A-A.
- Vue de droite.

2,50 pts

Nota : Voir le rendu 3D de la buse en 1/4 enlevé



Les hachures : 0,125
Le filetage : 0,125
18 traits : $\times 0,125 = 2,25$ points



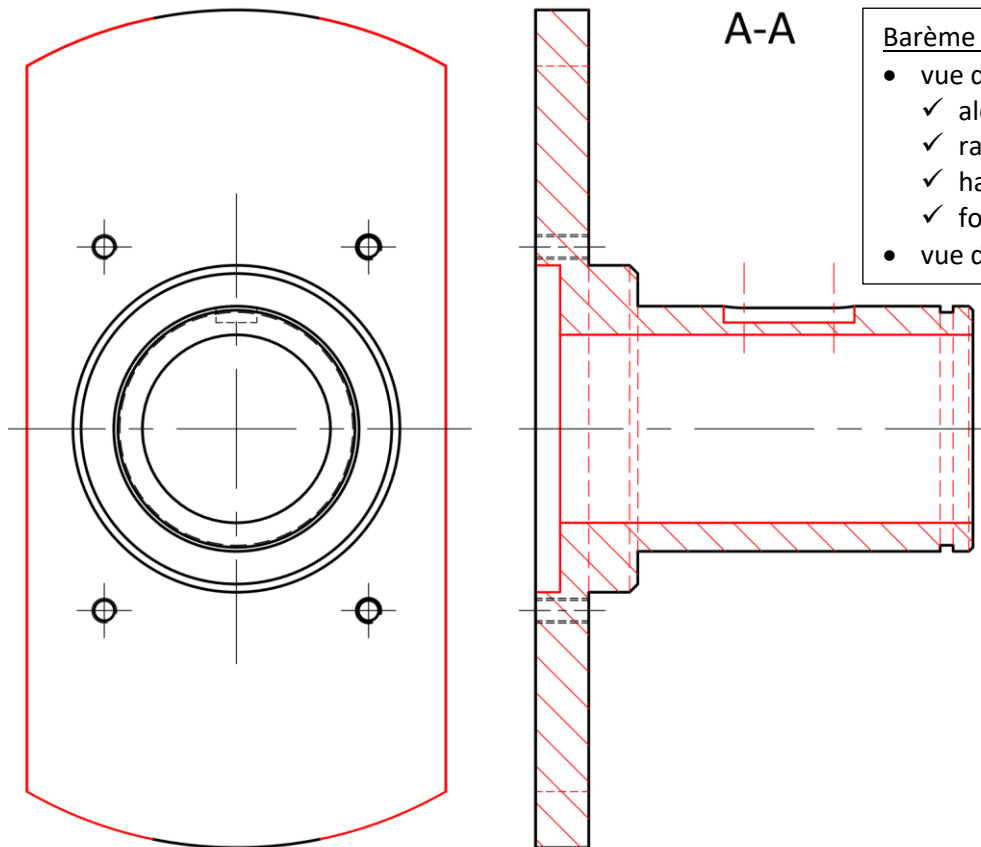
الامتحان الوطني الموحد للبكالوريا

الدورة الاستدراكية 2022

TD N: 22

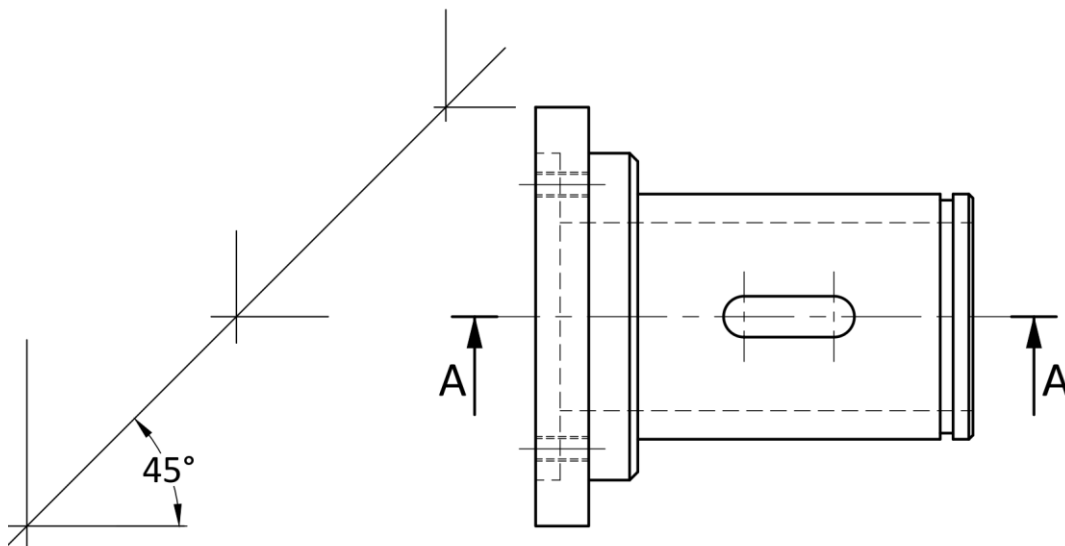
Q.Représentation graphique de la pièce (3).

2,00 pts



Barème :

- vue de face coupe A-A :
 - ✓ alésage + lamage : 0,5 pt
 - ✓ rainure : 0,25 pt
 - ✓ hachures : 0,25 pt
 - ✓ formes cachées : 0,50 pt
- vue de droite : 0,50 pt

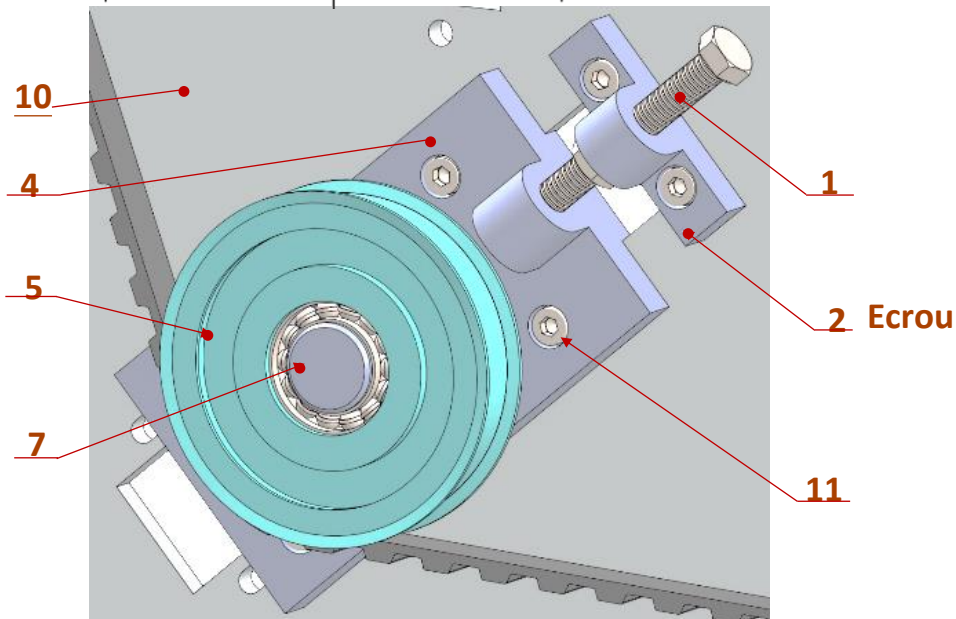
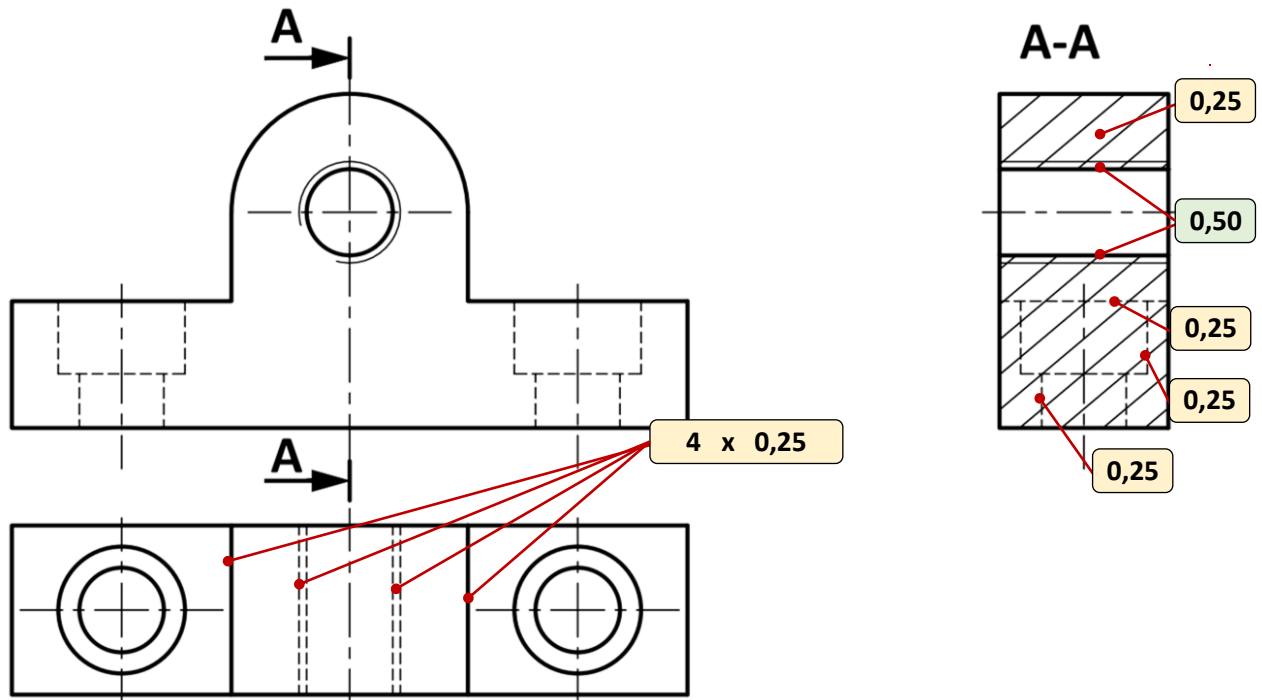


TD N: 23

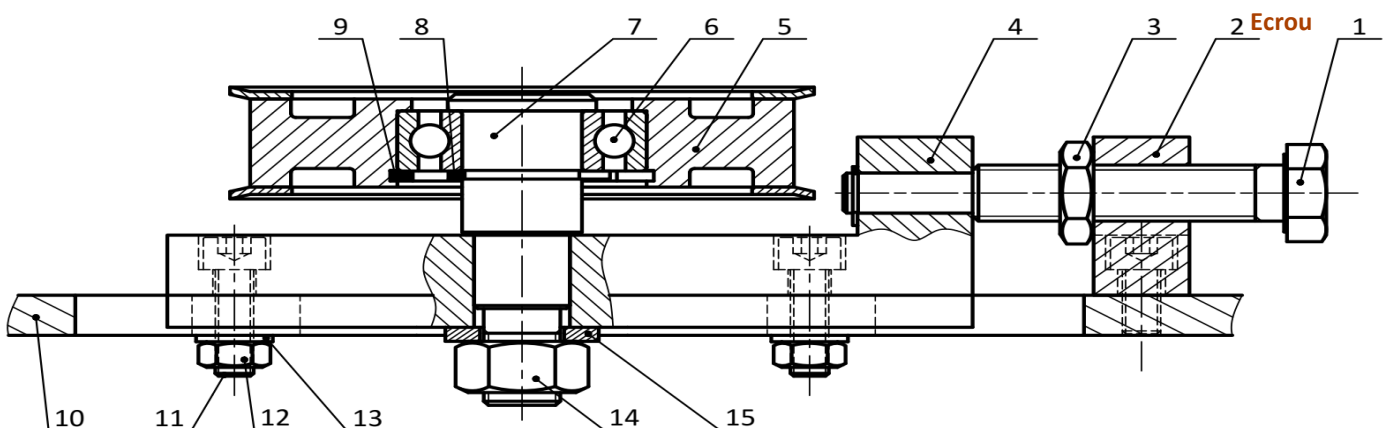
Compléter le dessin de l'écrou 2 en :

- Vue de gauche en coupe A-A ;
- Vue de dessus

2,50 ptss



Dessin 2D du système tendeur de la courroie crantée (Courroie non représentée)

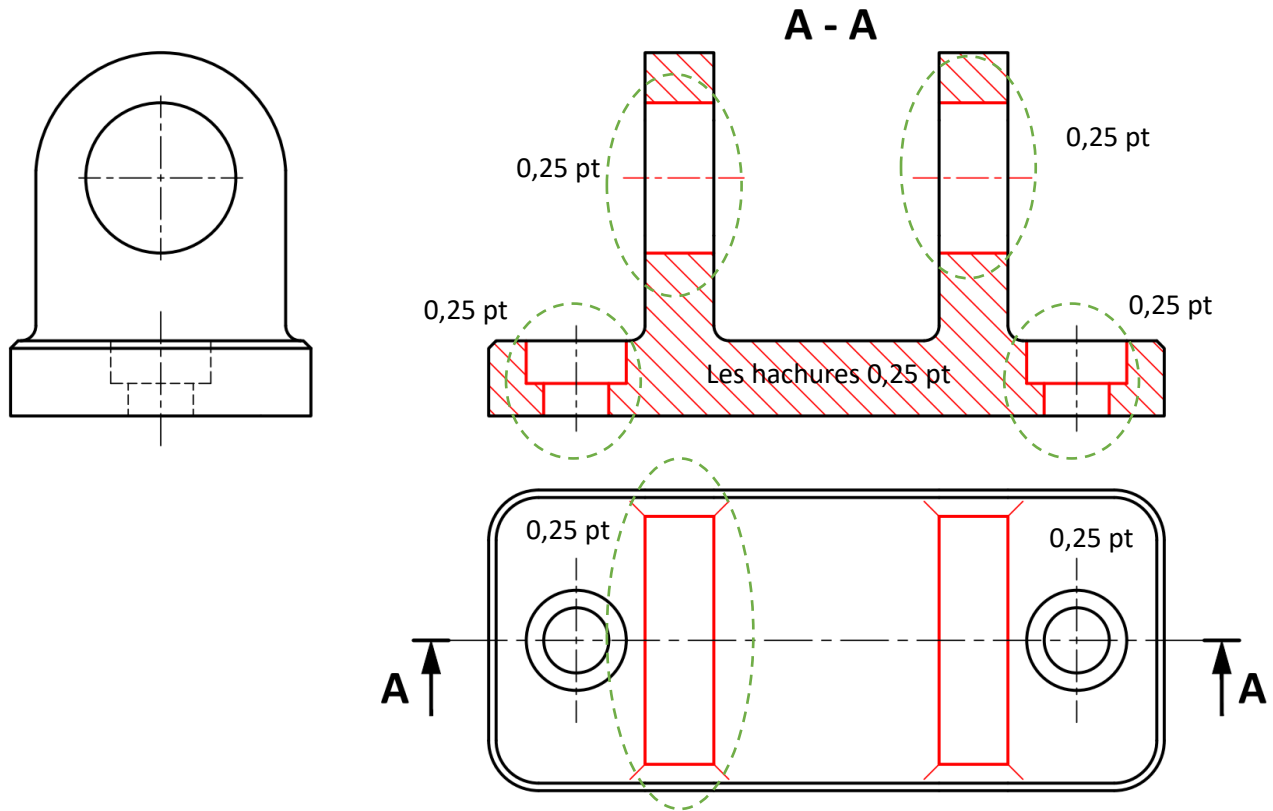


Compléter le dessin de la chape de fixation (2) en :

- Vue de face coupe A-A.
- Vue de dessus.

1,75 pts

Nota : Ne pas représenter les formes cachées



Représentation 3D et 2D de la liaison entre le vérin hydraulique et le module horizontal

