

Dessin industriel Exercices avec réponse

- ✓ projection orthogonale
- ✓ coupes
- ✓ section

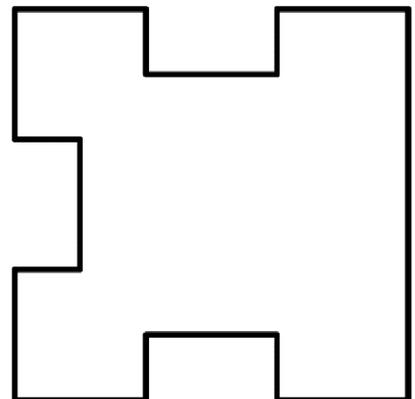
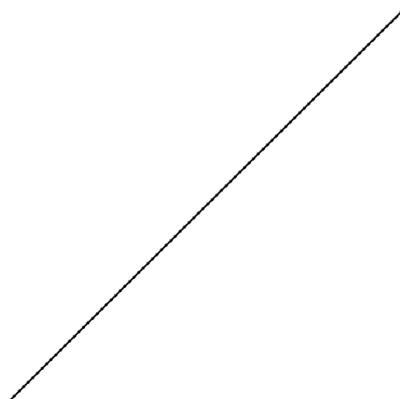
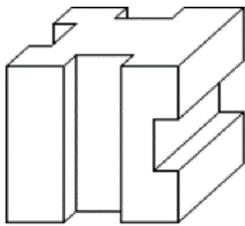
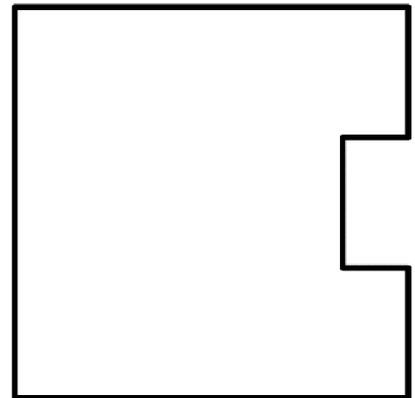
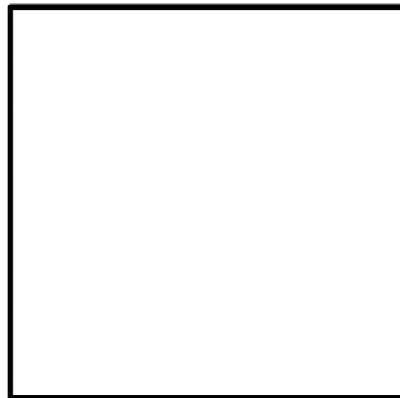


2 Bac SM b

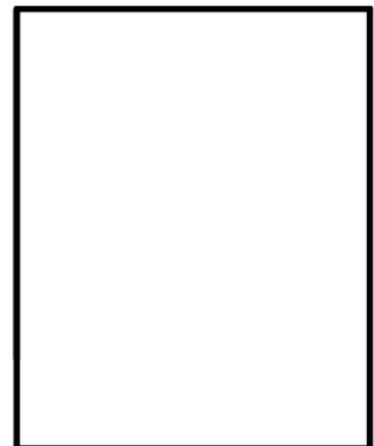
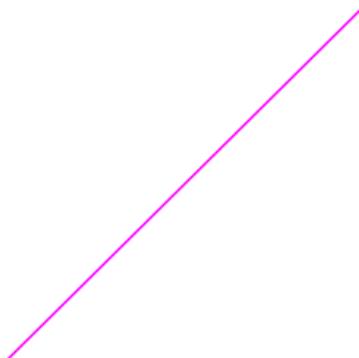
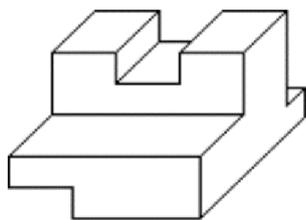
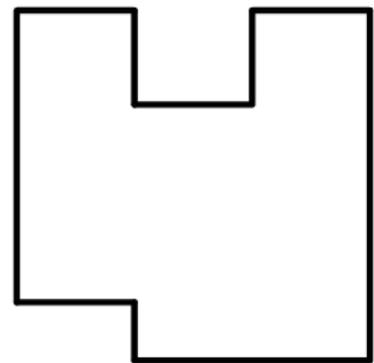
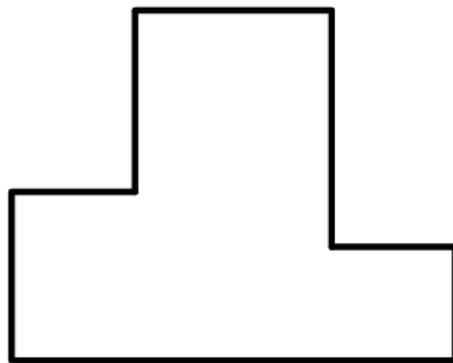


Compléter les vues suivantes

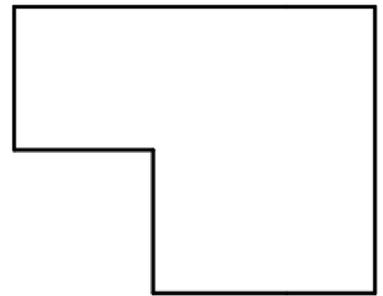
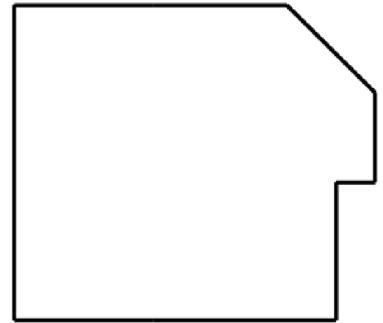
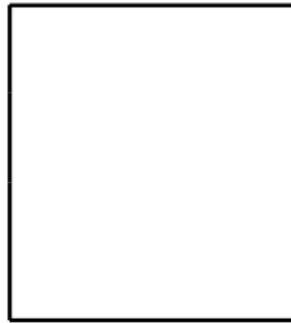
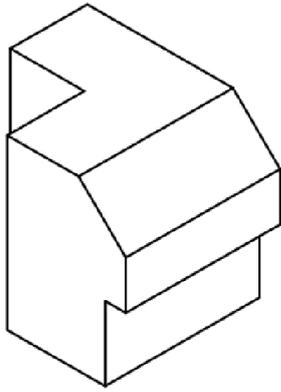
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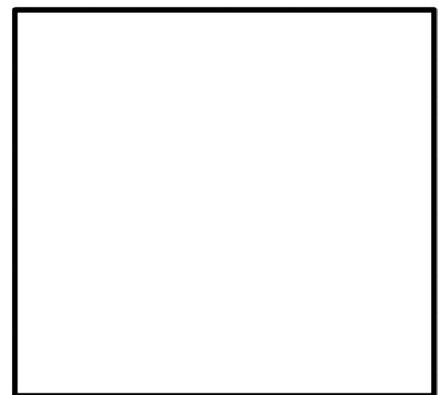
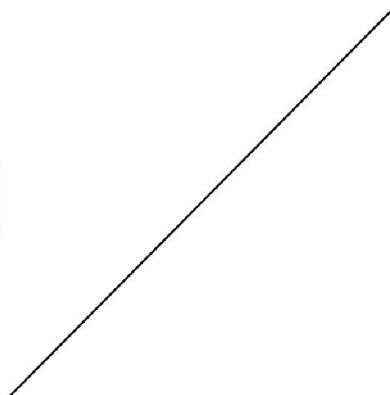
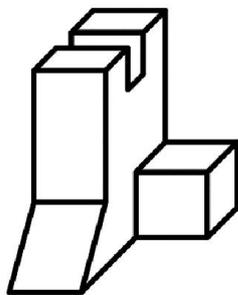
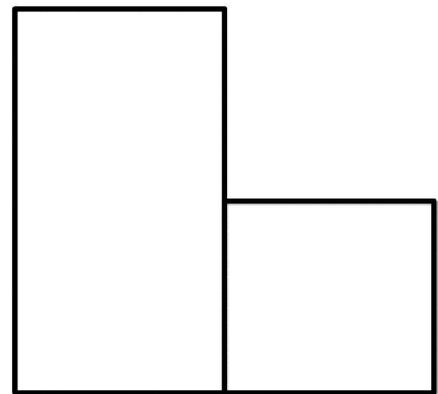
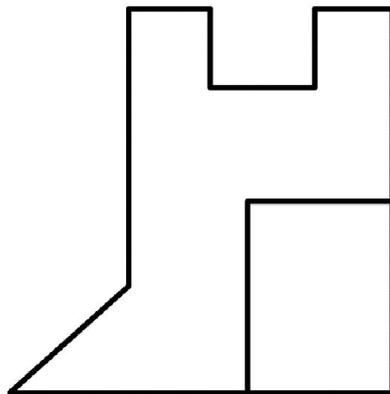
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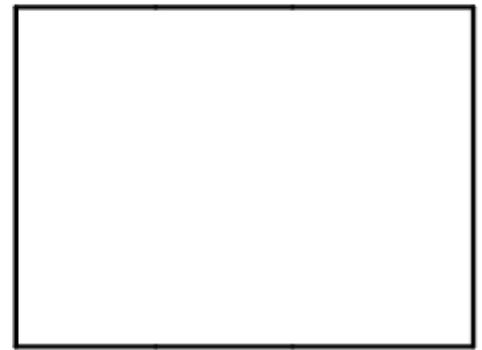
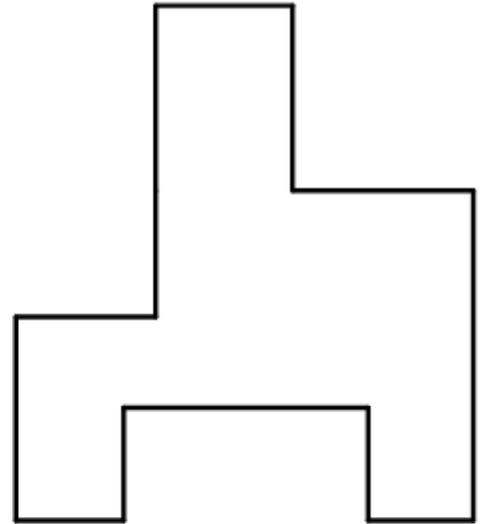
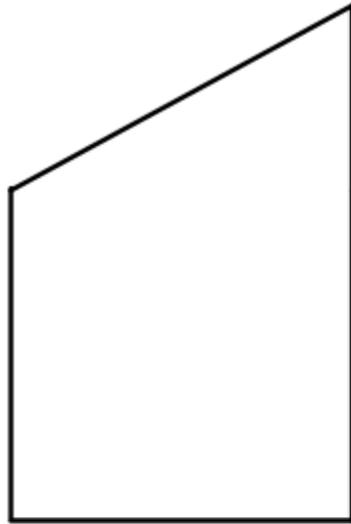
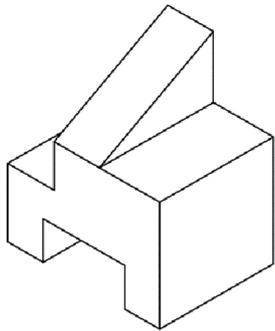
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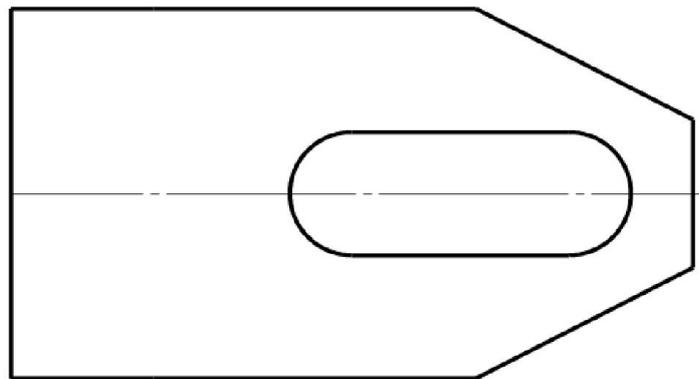
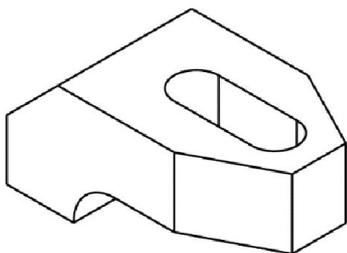
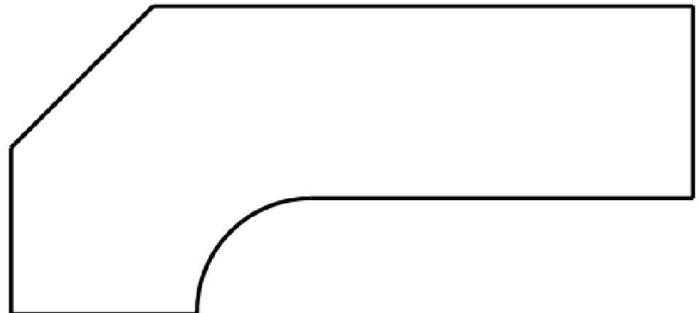
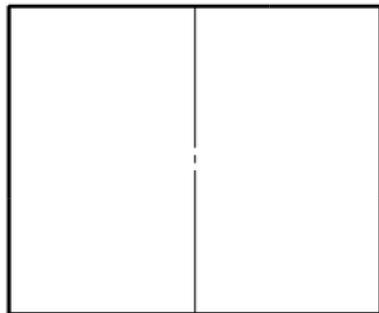
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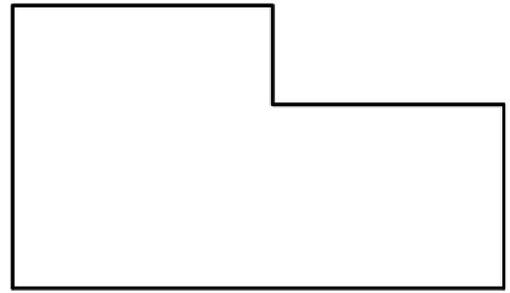
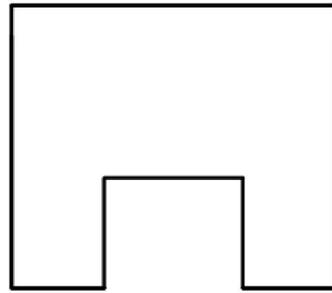
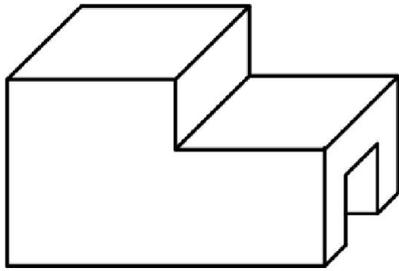
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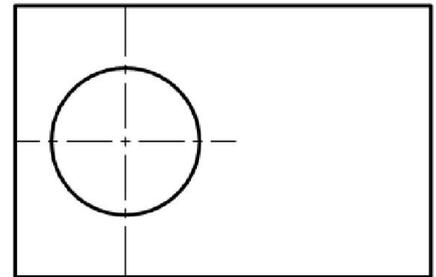
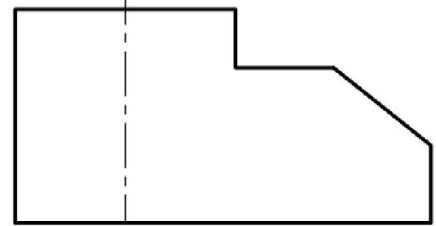
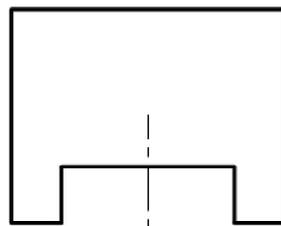
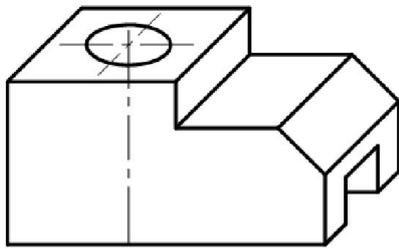
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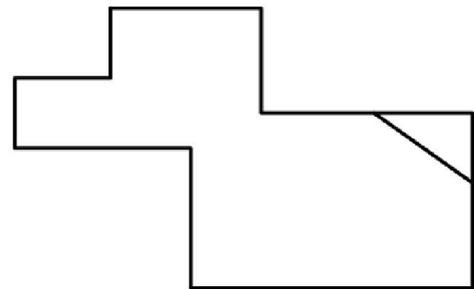
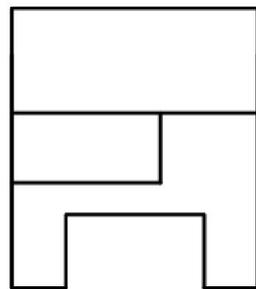
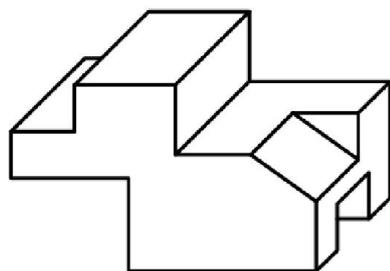
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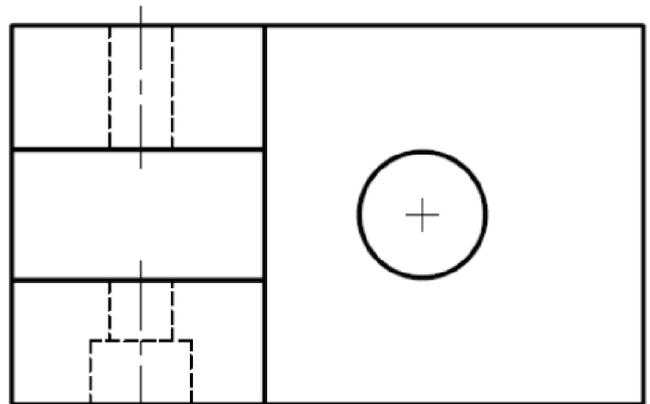
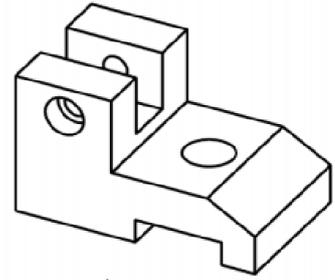
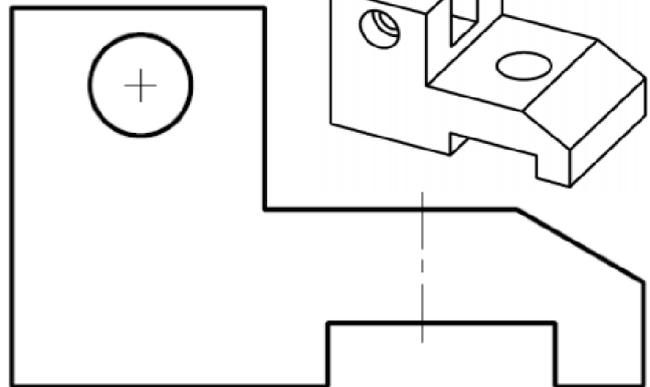
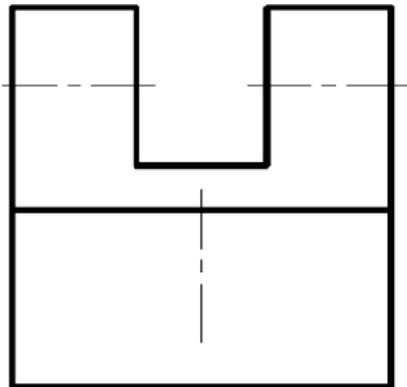
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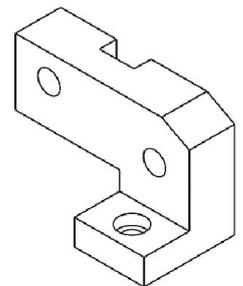
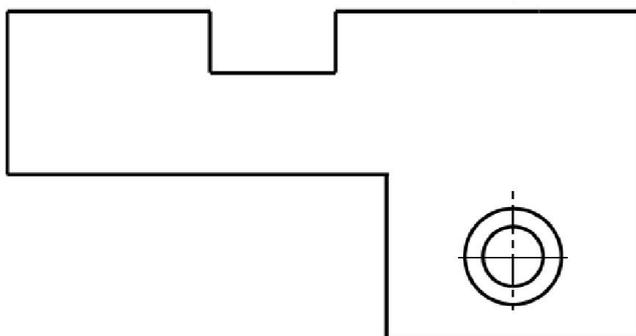
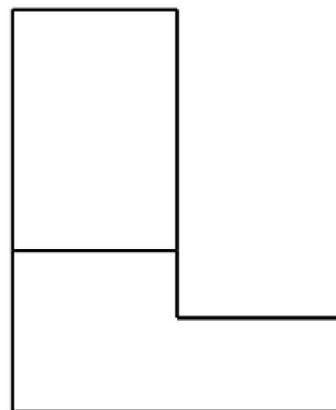
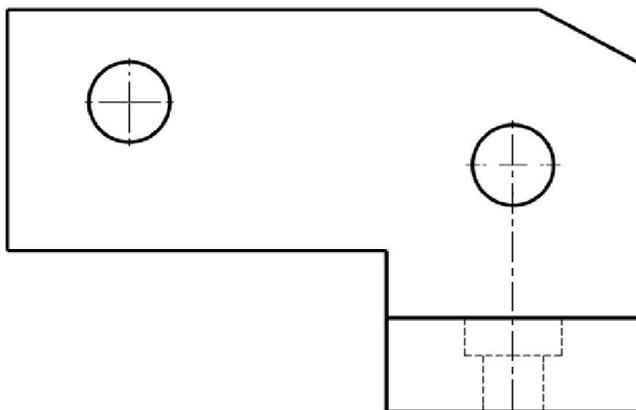
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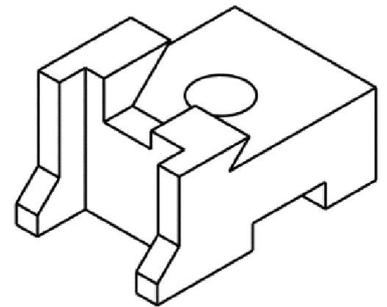
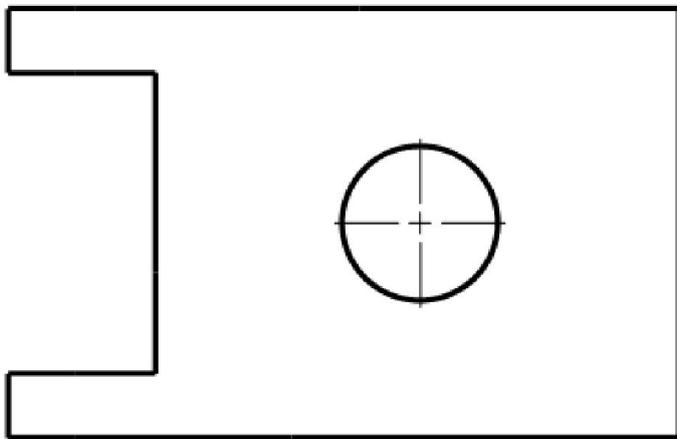
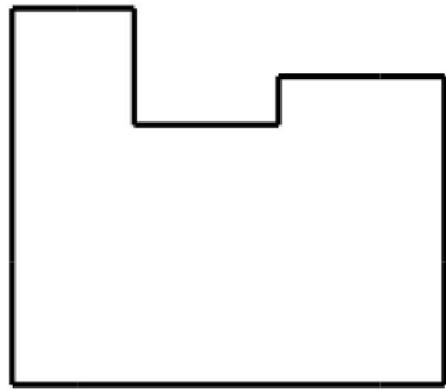
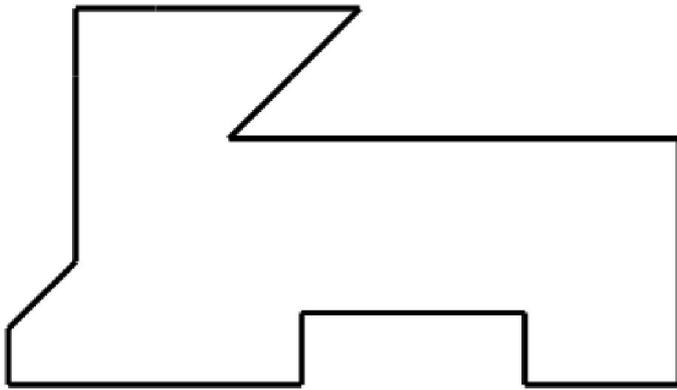
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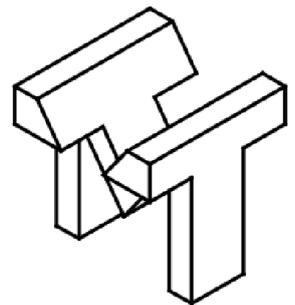
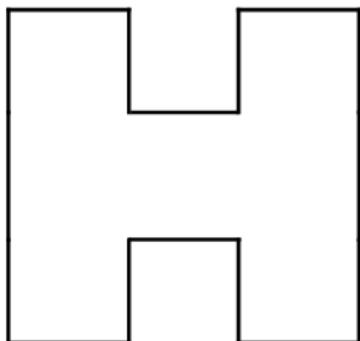
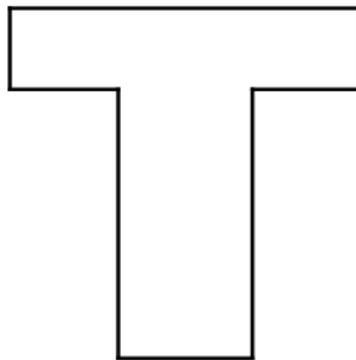
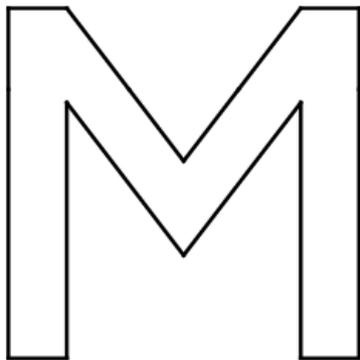
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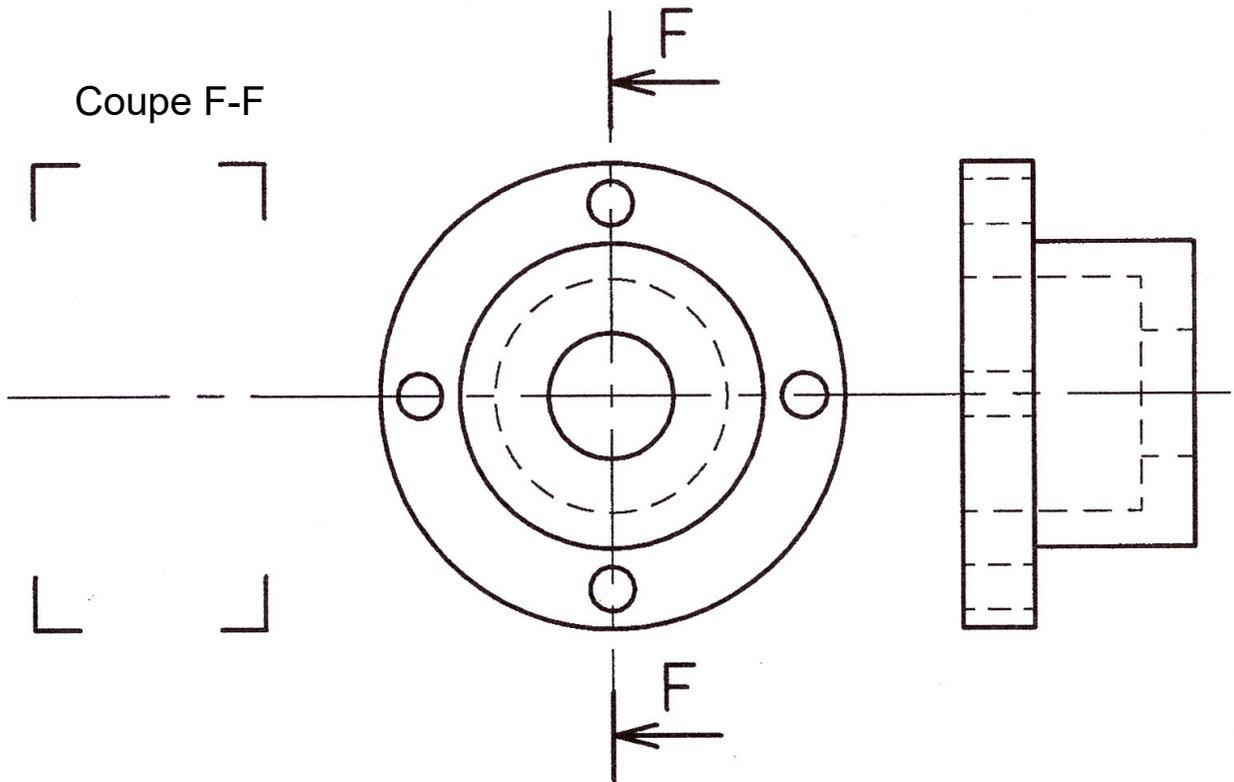
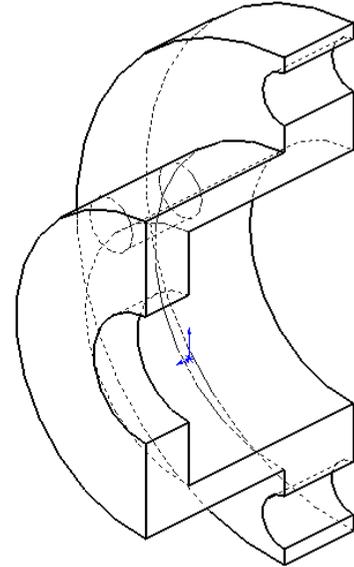
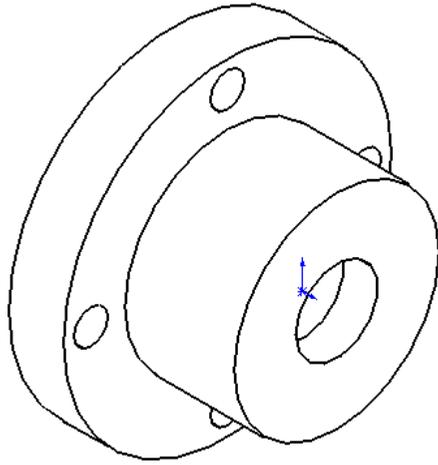
.TD N: 12



TD N: 13

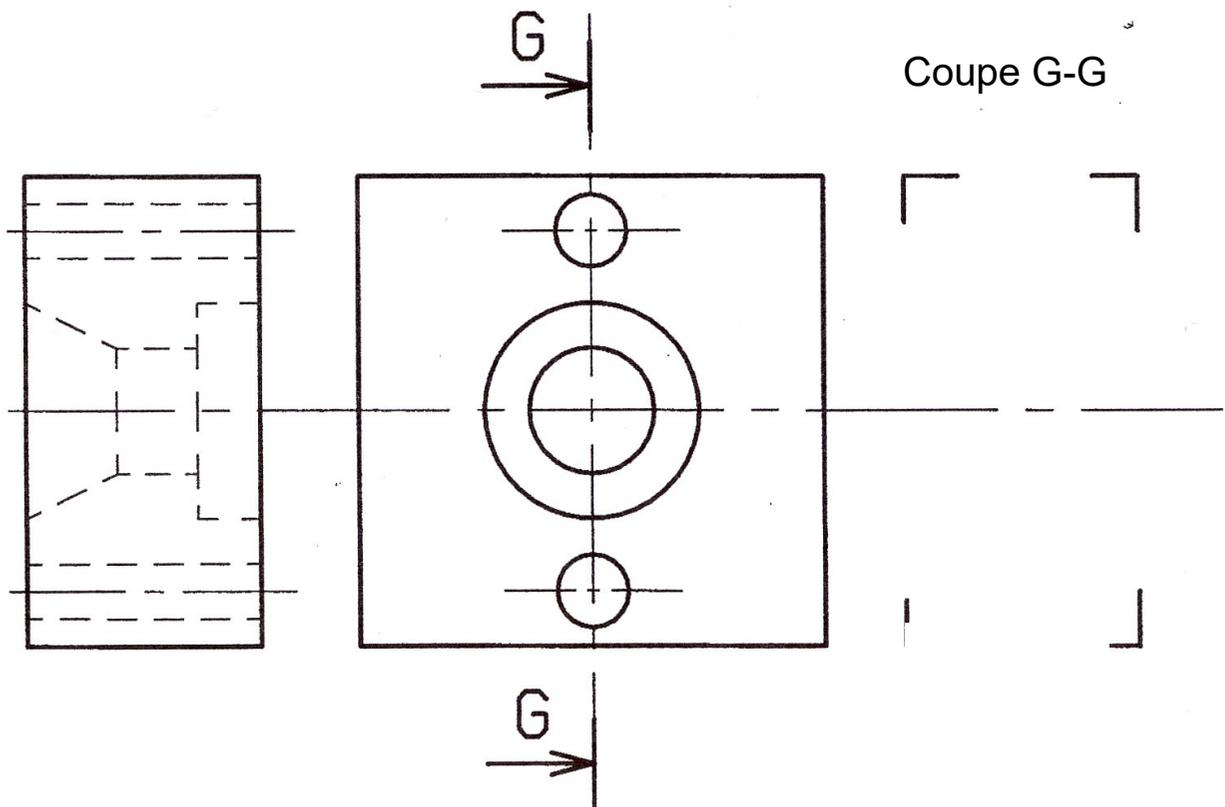
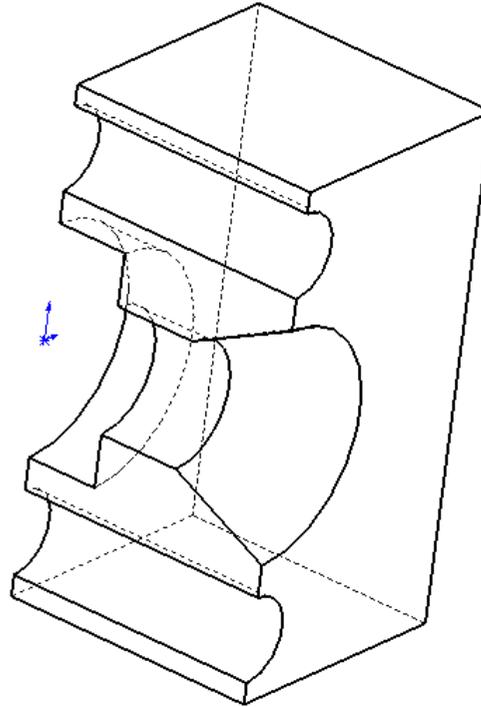
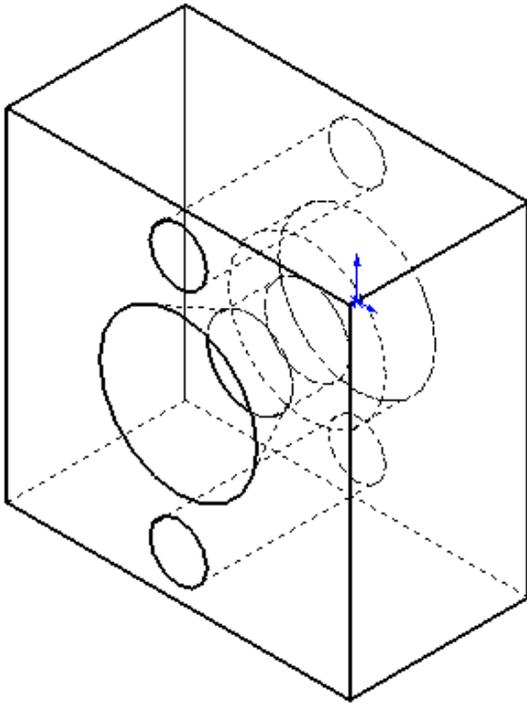


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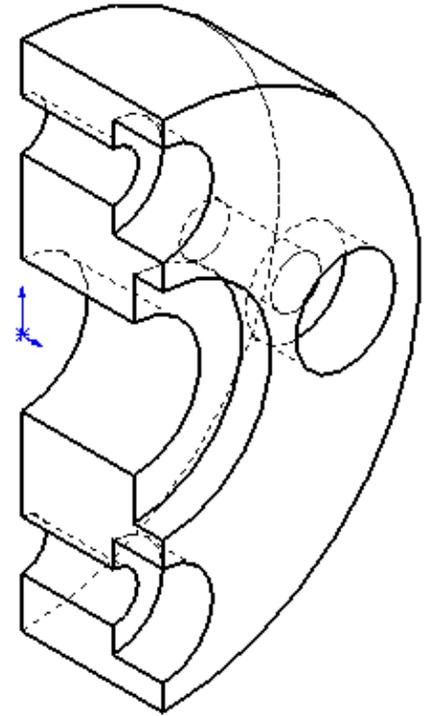
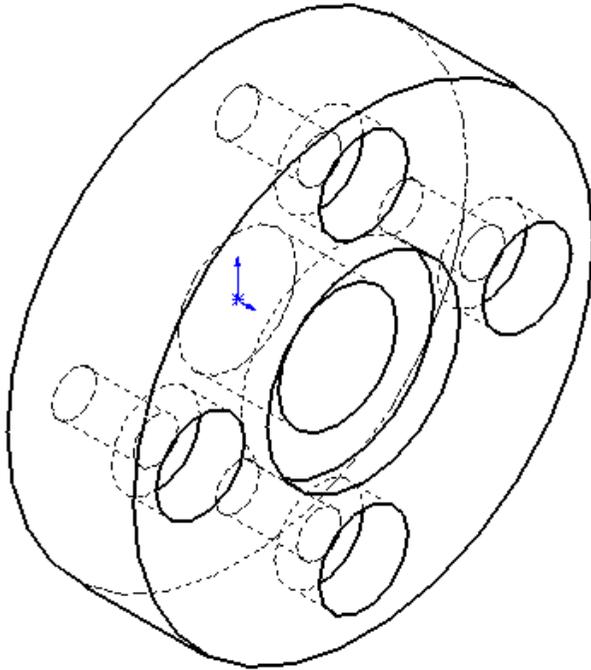


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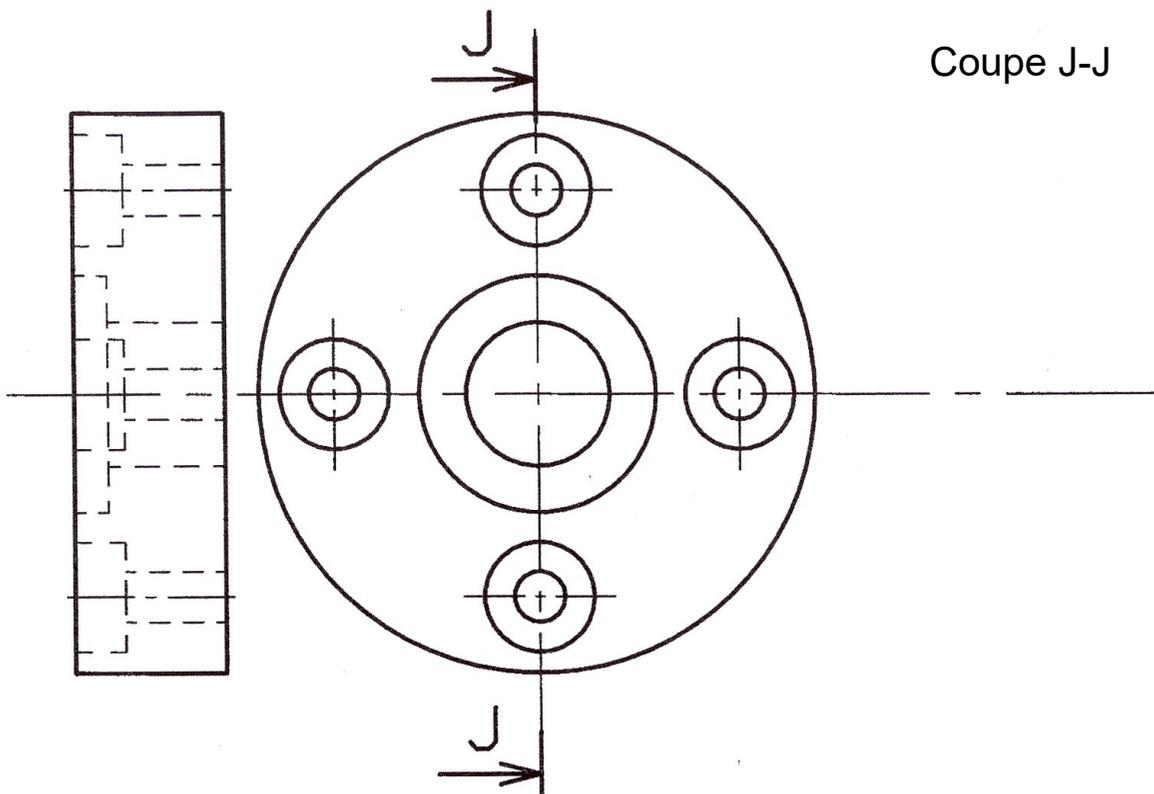
Exercices: coupe simple



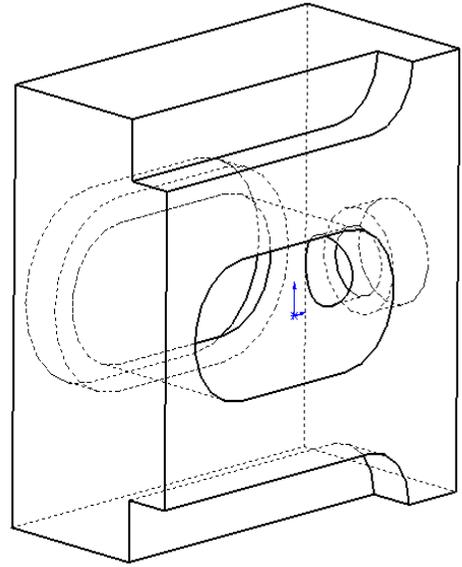
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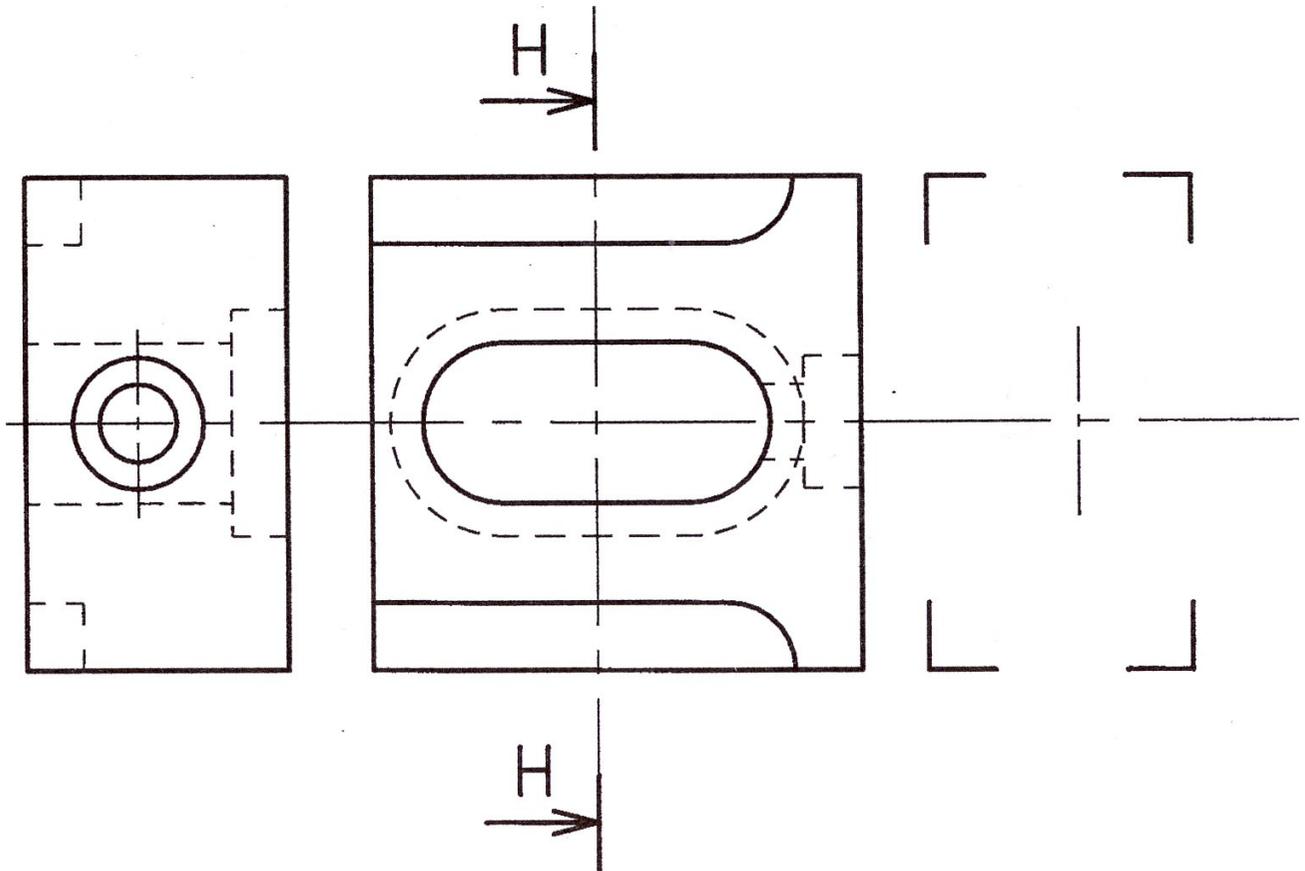
Coupe J-J



TD N: 17



Compléter la coupe ci-dessous .



الامتحان الوطني الموحد للبكالوريا
الدورة العادية 2021

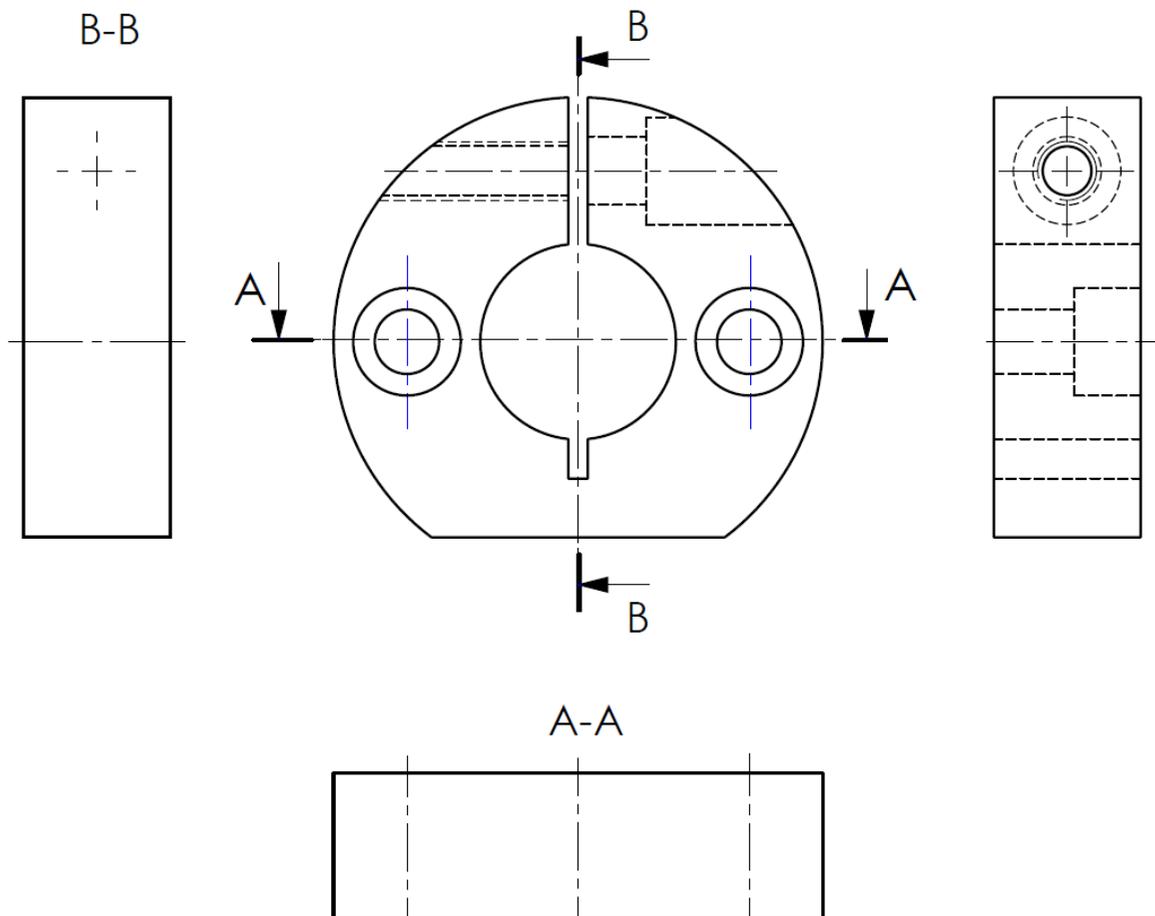
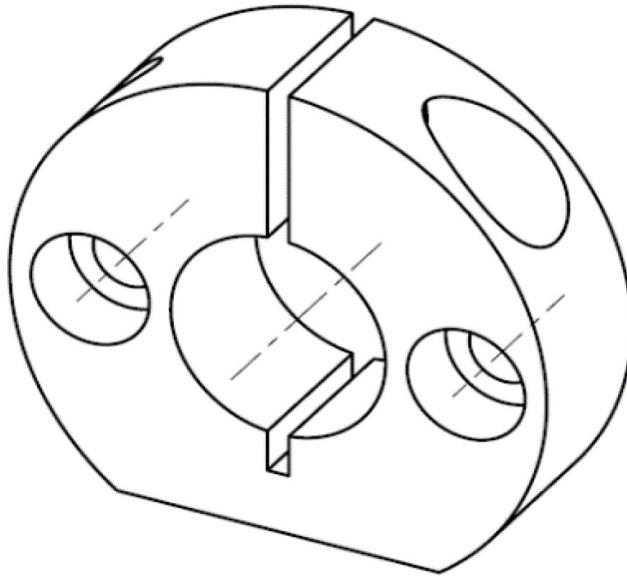
.TD N: 18

- 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

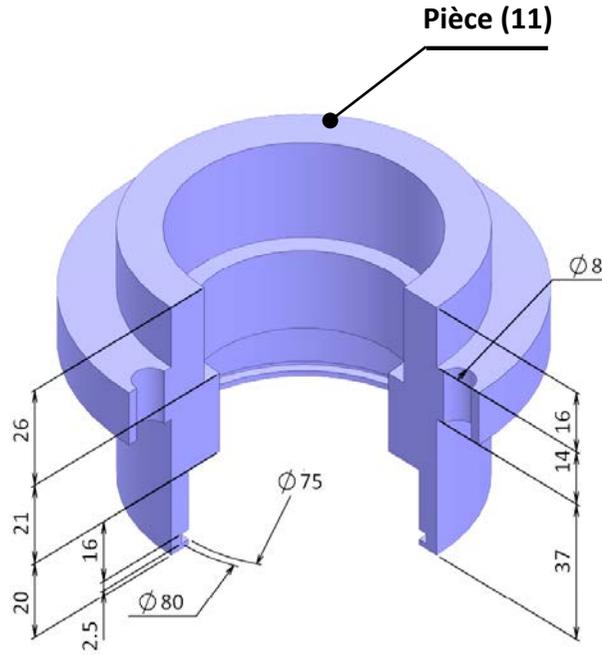


الامتحان الوطني الموحد للبكالوريا
الدورة الاستدراكية 2021

.TD N: 19

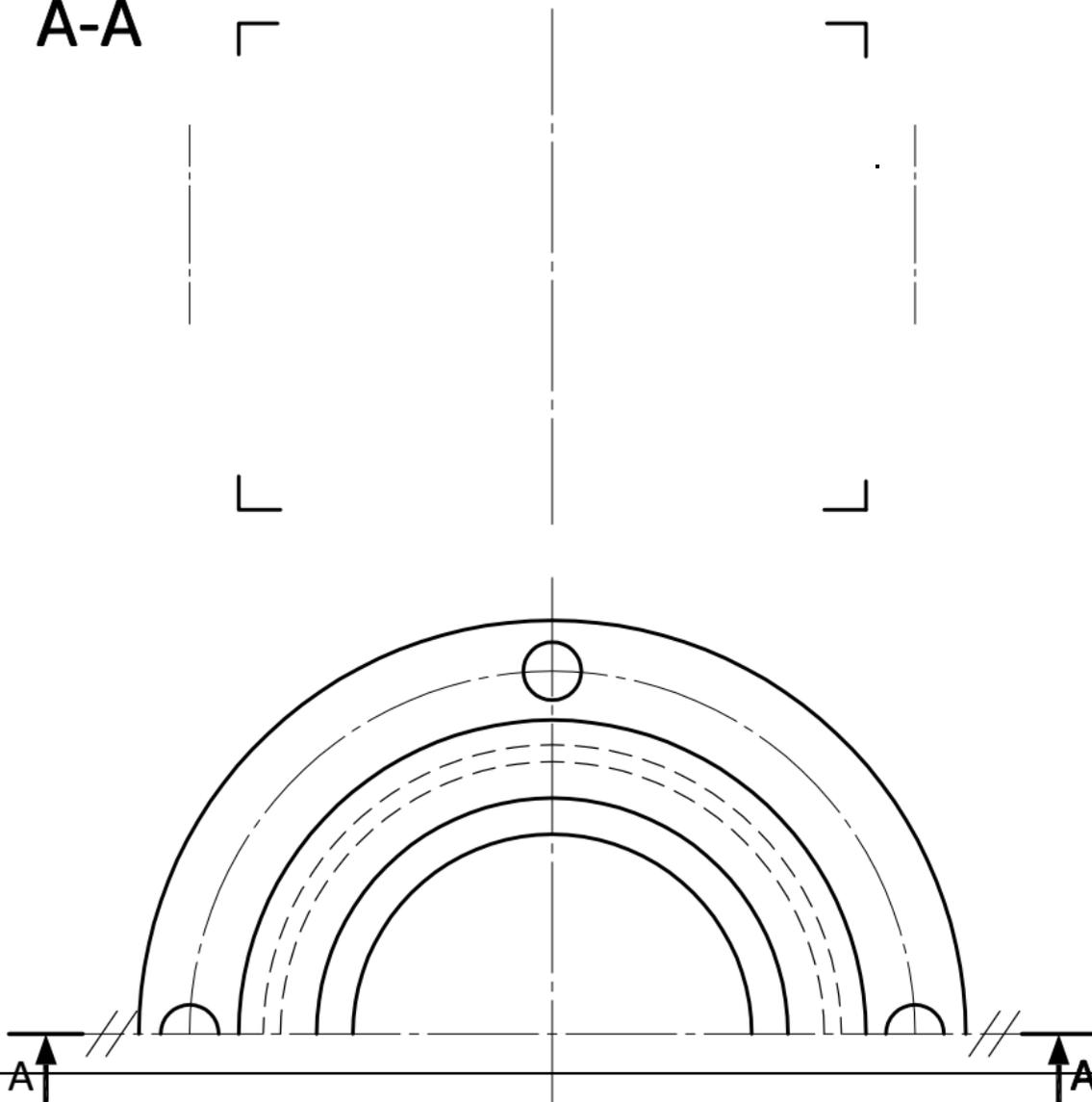
- Représenter la pièce (11) en vue de face coupe A-A en respectant la cotation.

2,00 pts



2,00 pts

A-A



الامتحان الوطني الموحد للبكالوريا للدورة الاعيانية 2020

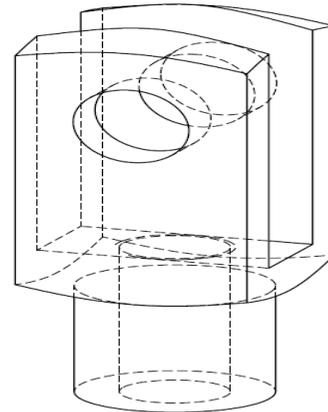
TD N: 20

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

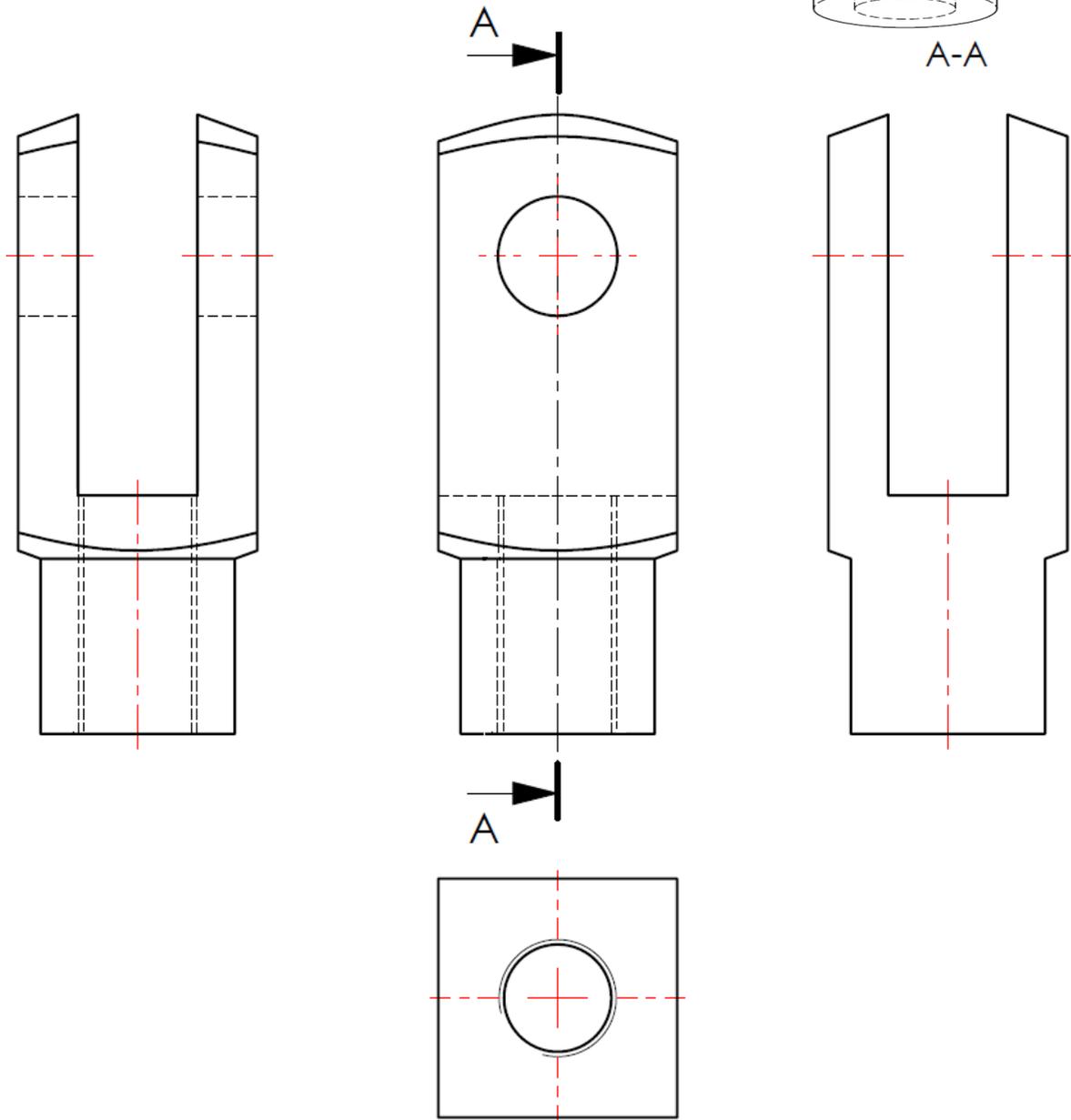
(Représenter toutes les formes cachées)

- 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

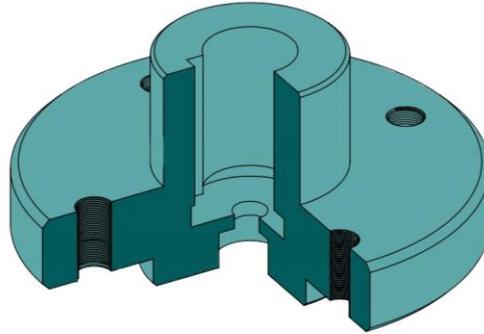


/2,25

TD N: 21

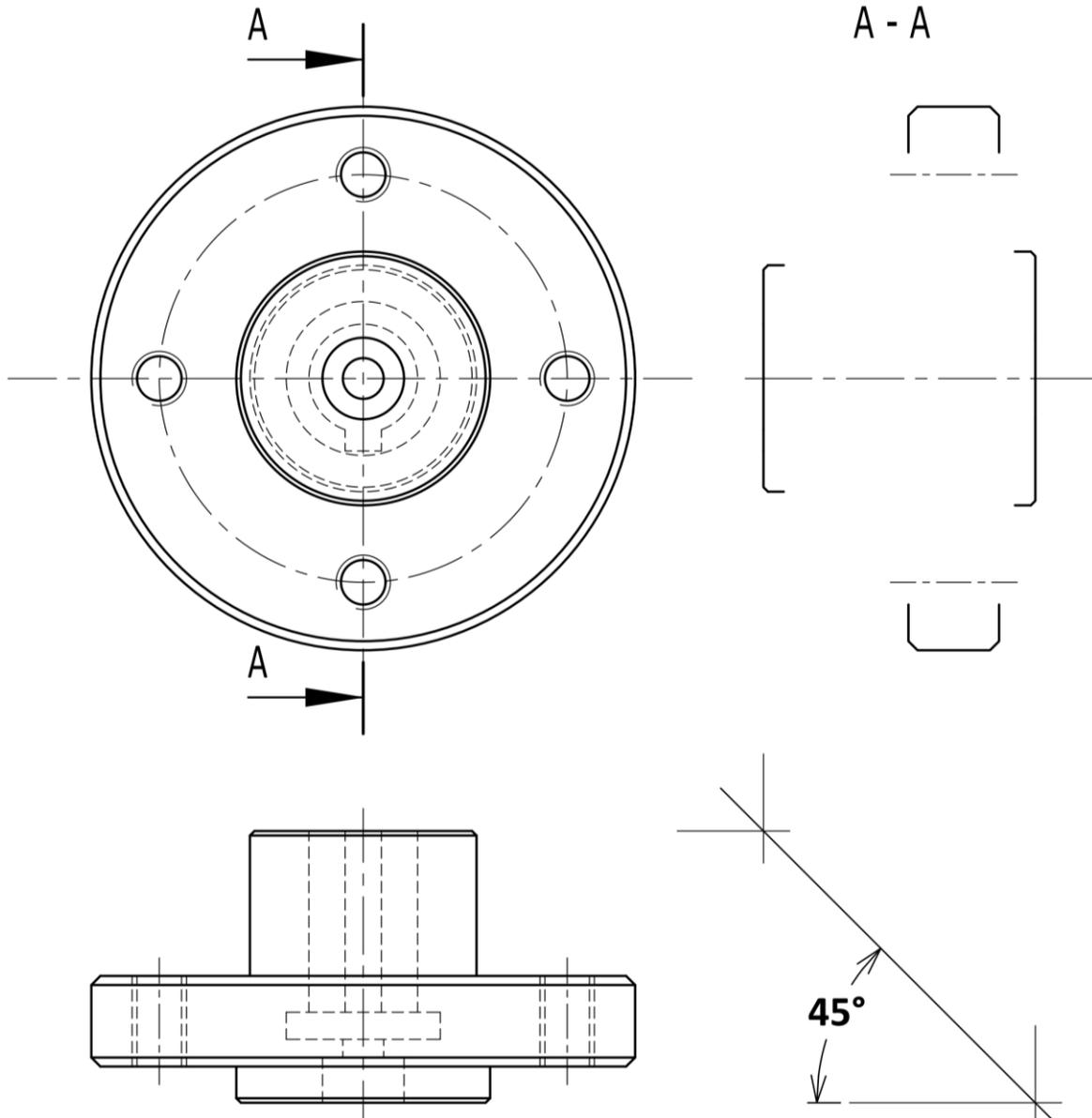
الامتحان الوطني الموحد للبكالوريا للدورة الاستدراكية 2020

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

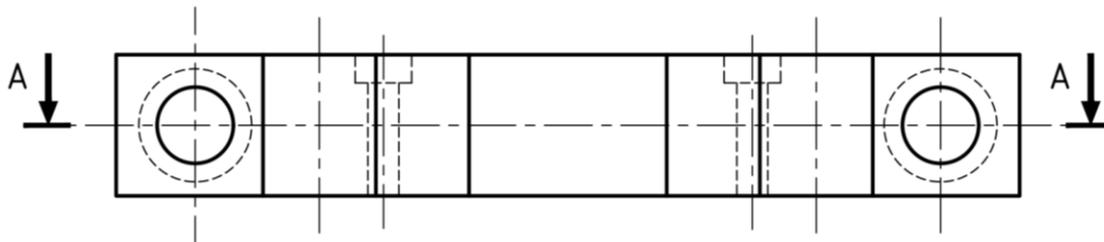
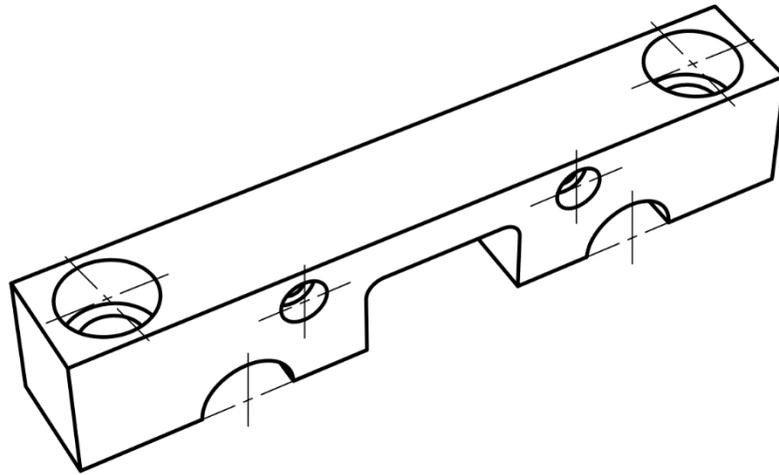


الامتحان الوطني الموحد للبكالوريا
للدورة الاعيانية 2019

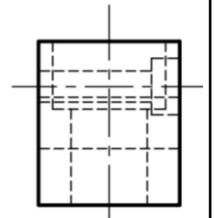
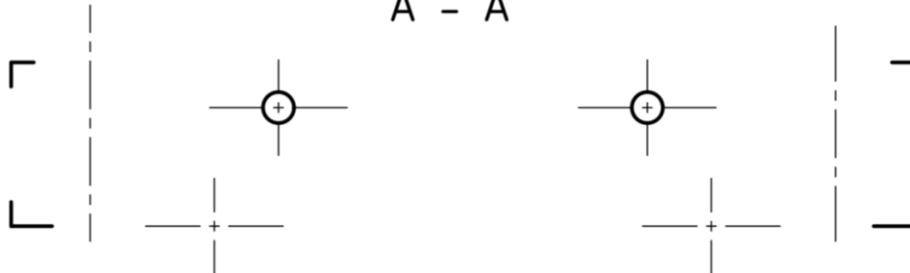
TD N: 22

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

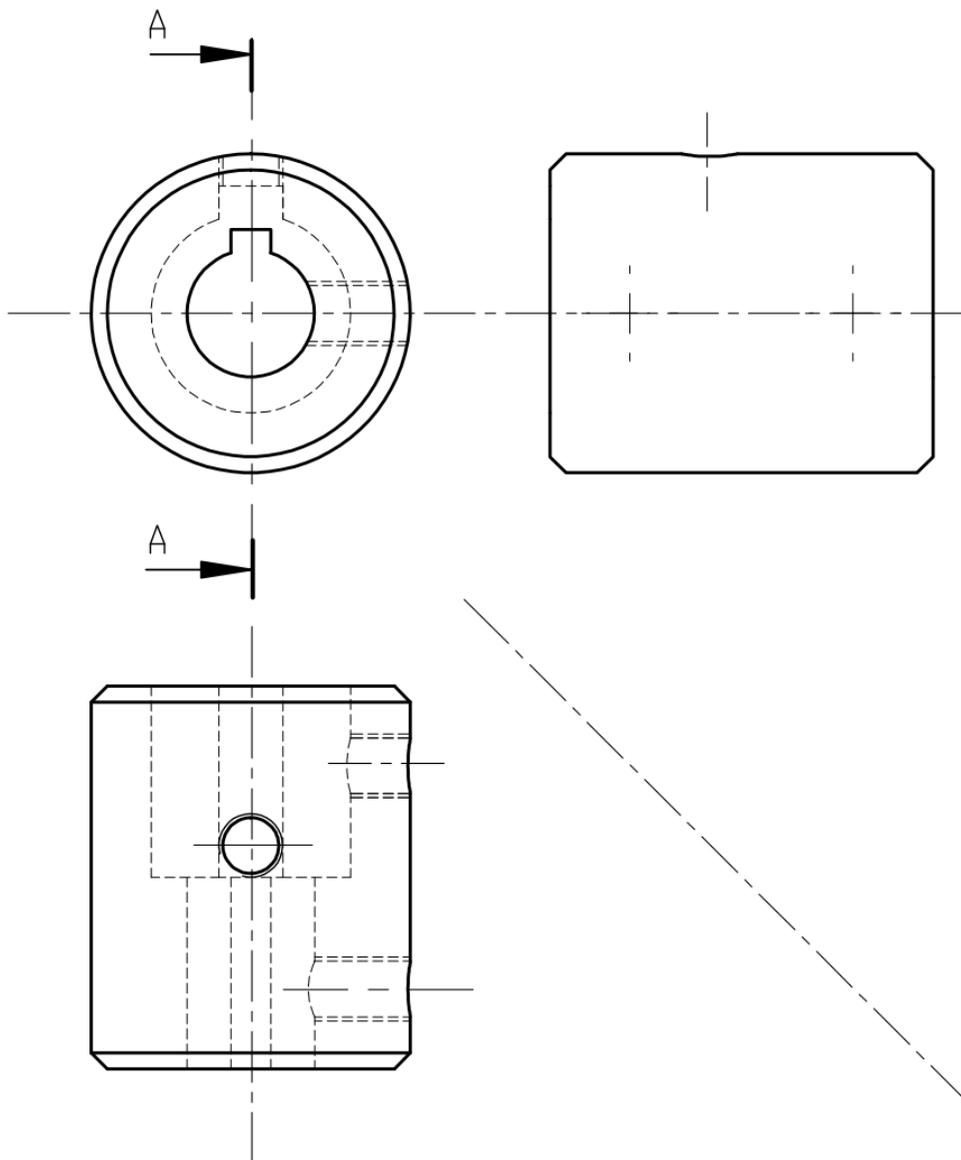
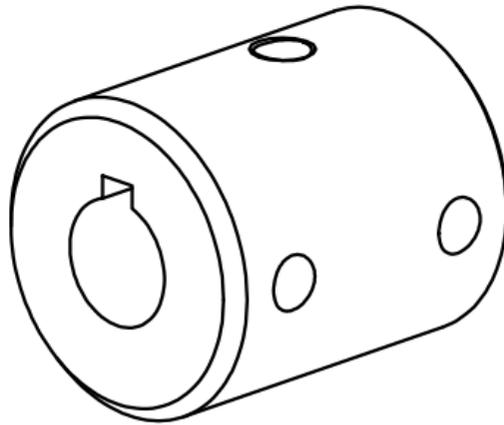


الامتحان الوطني الموحد للبكالوريا

TD N: 23

لدورة 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

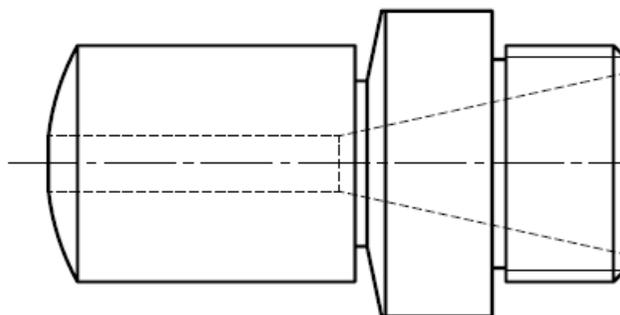
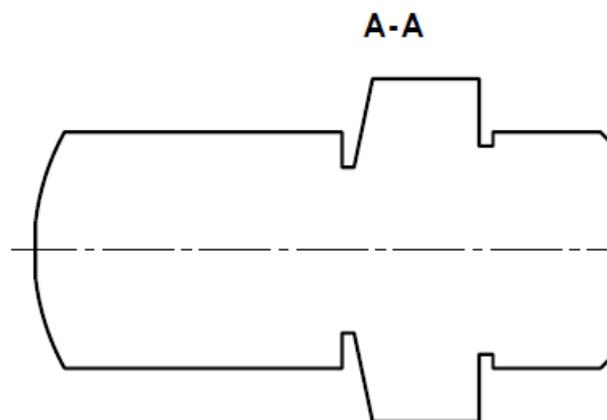
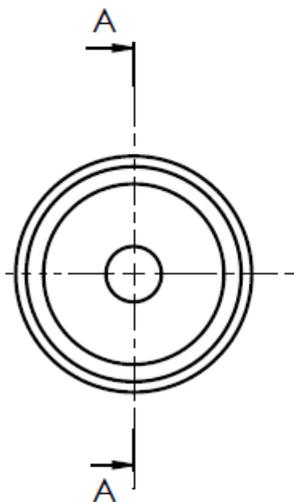
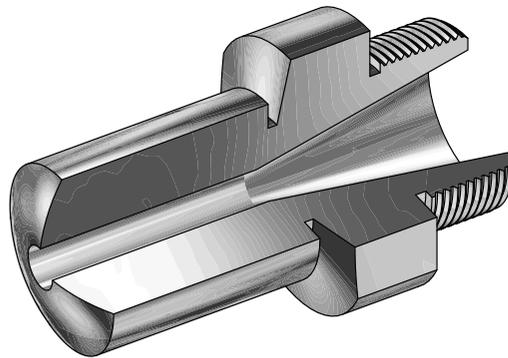
TD N: 24

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



الامتحان الوطني الموحد للبكالوريا

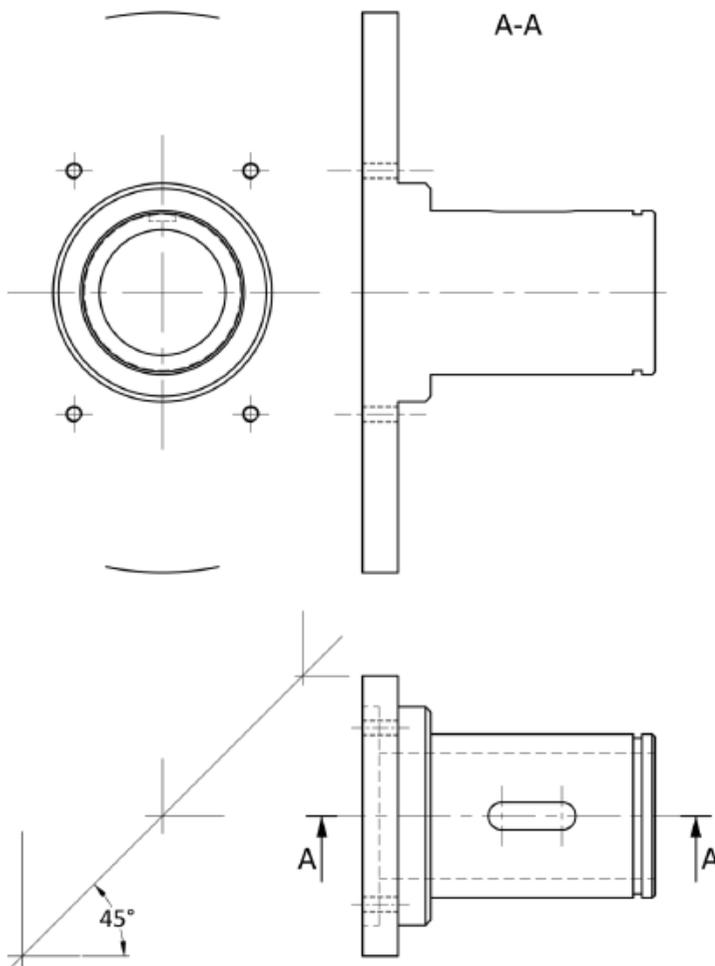
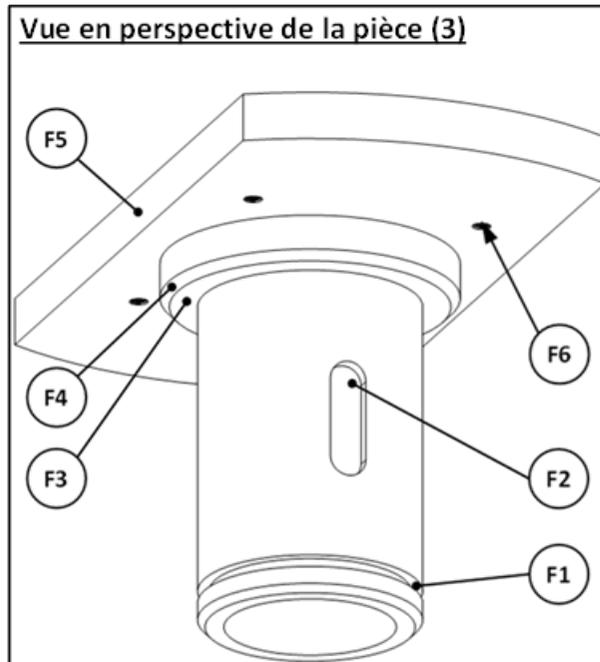
TD N: 25

الدورة الاستدراكية 2022

Q. Compléter la pièce (3) en vue de :

- Face coupe A-A ;
- droite.

2,00 pts



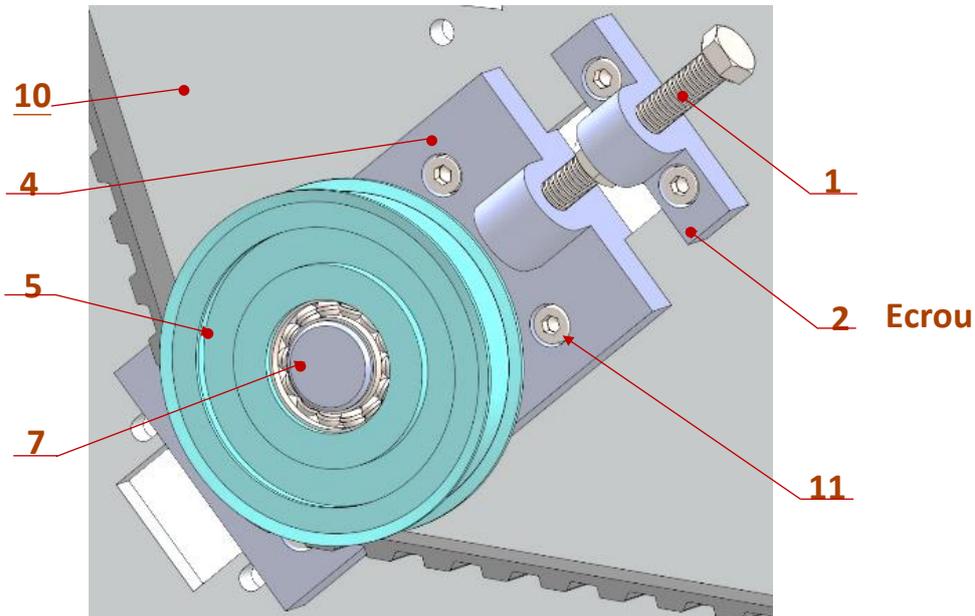
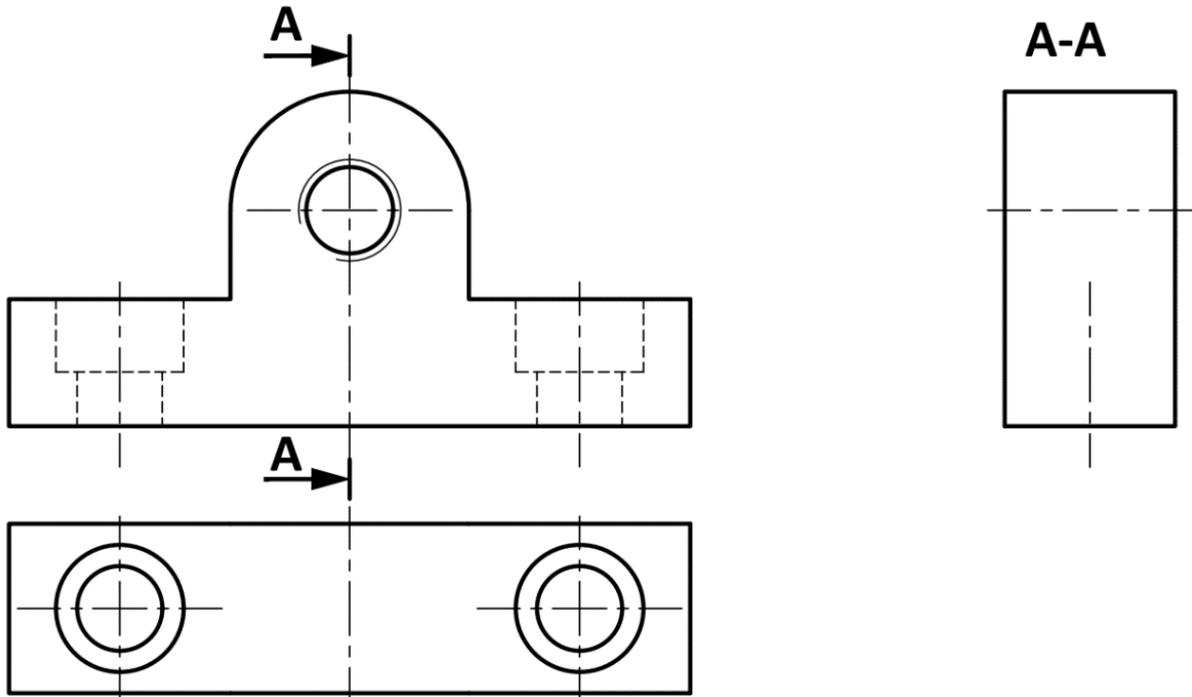
الدورة العادية 2024

TD N: 26

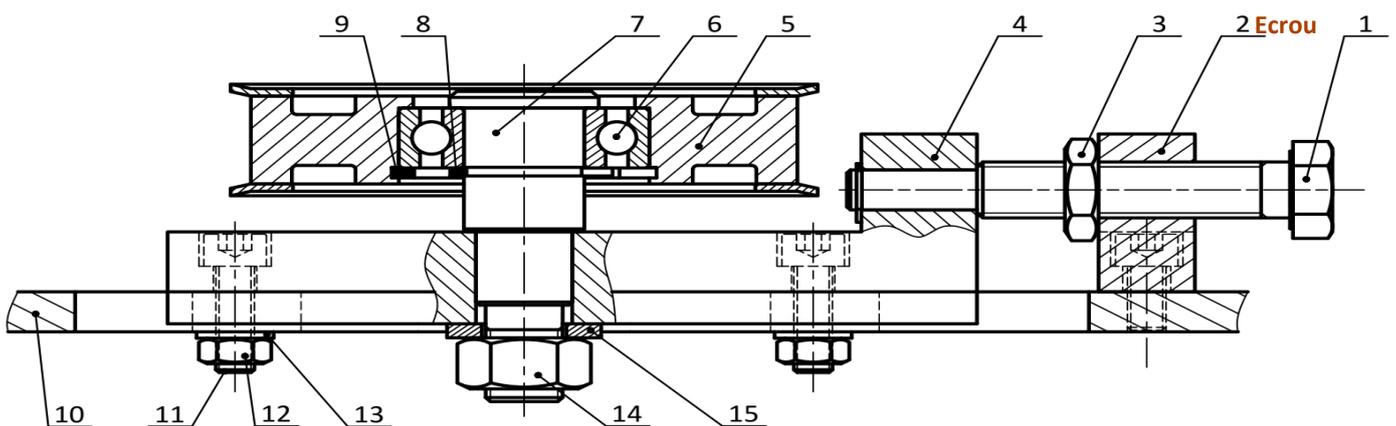
Compléter le dessin de l'écrou 2 en :

- 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)



TD N: 27

الدورة الاستدراكية 2024

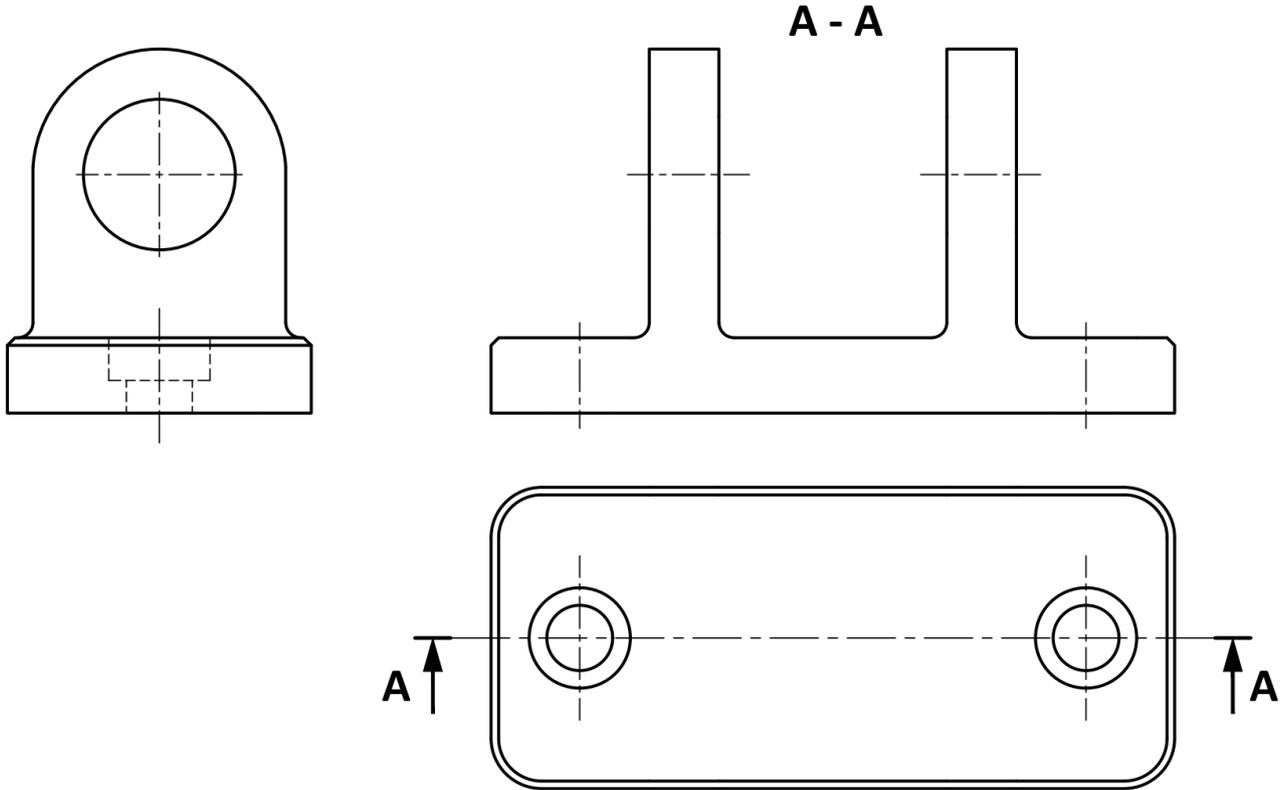
Correction

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

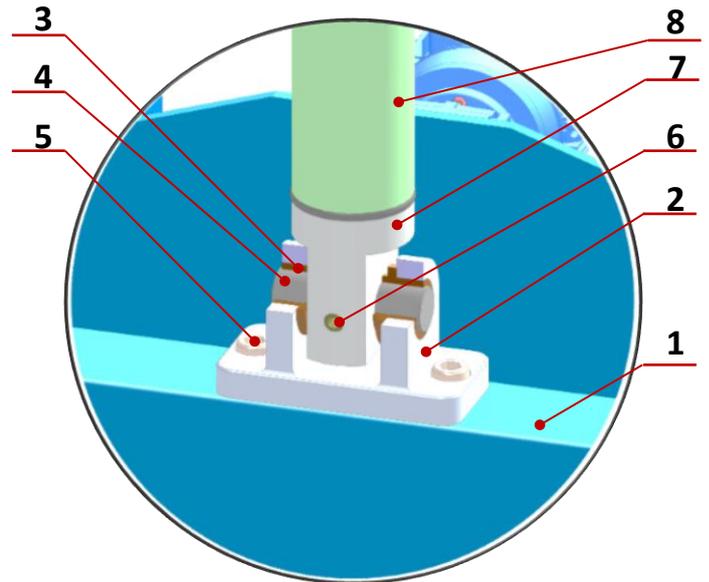
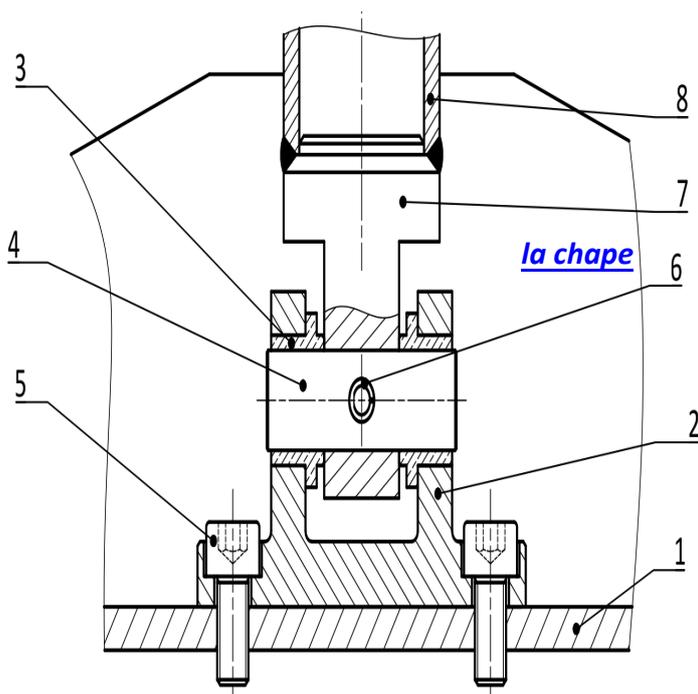
- Vue de face coupe A-A.
- Vue de dessus.

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



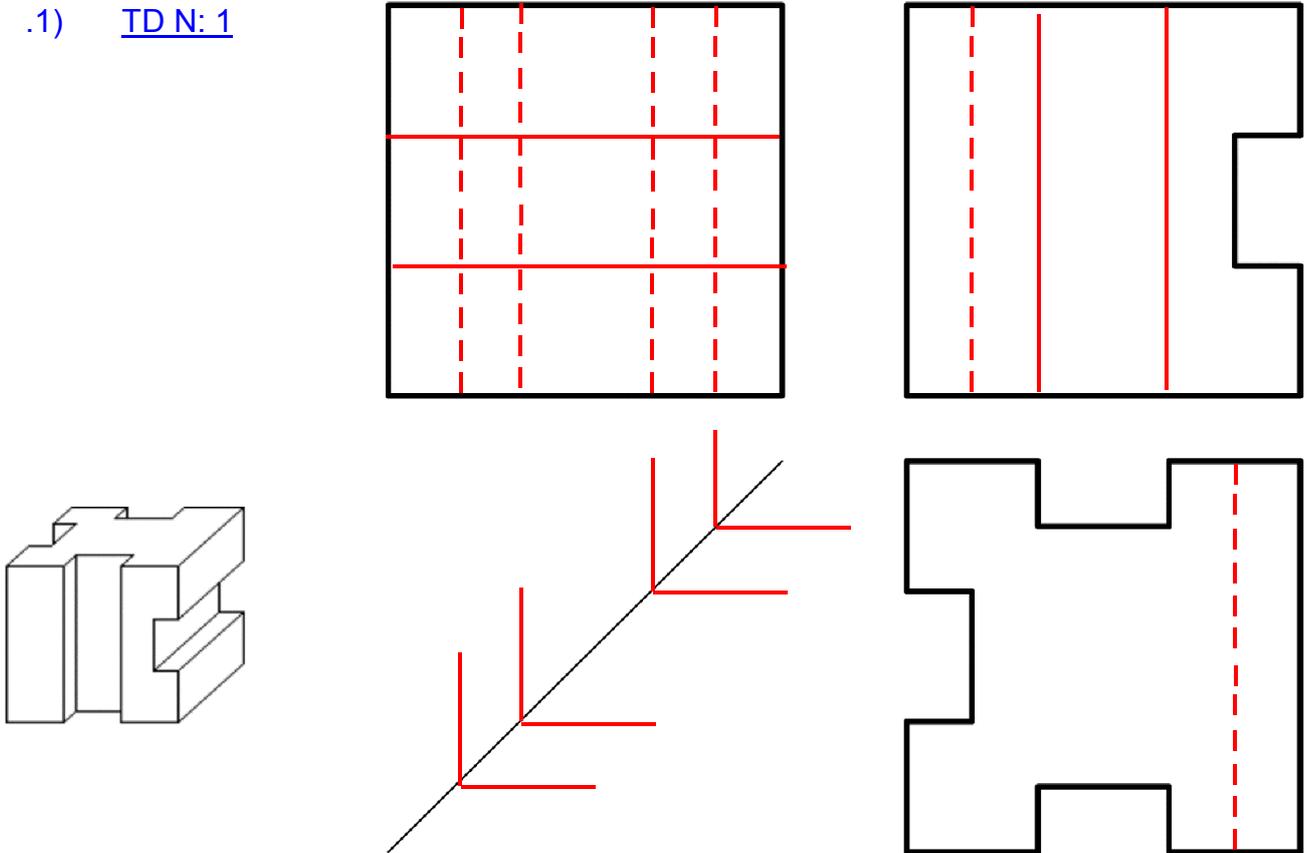


Applications proection orthogonale

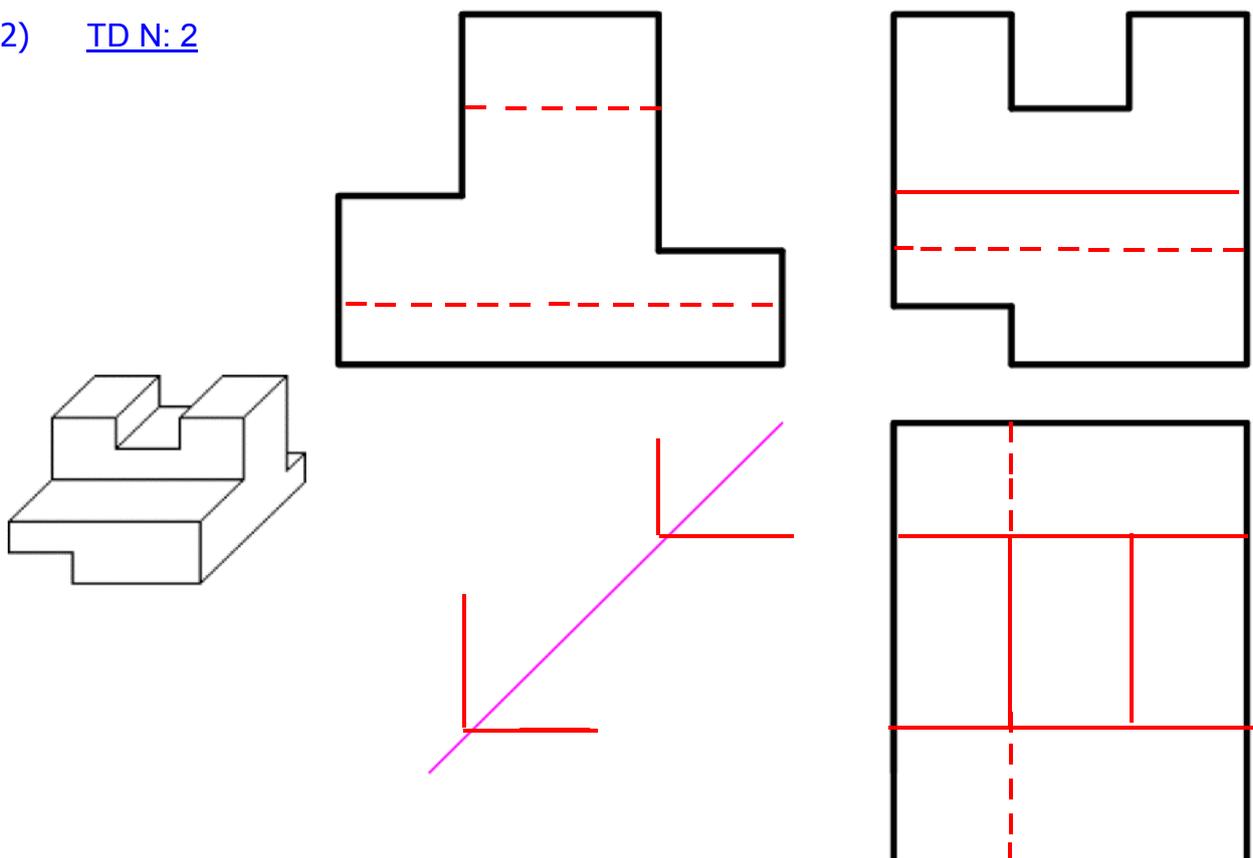
علوم المهندس
العلوم الرياضية (ب)

Compléter les vues suivantes

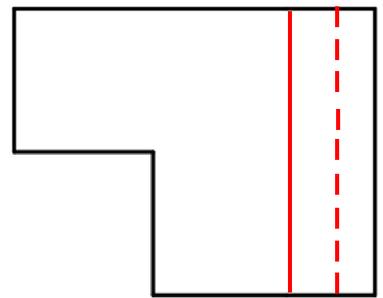
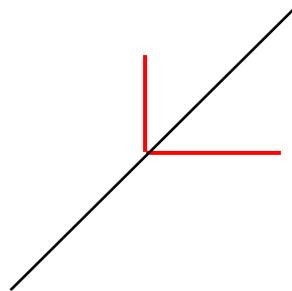
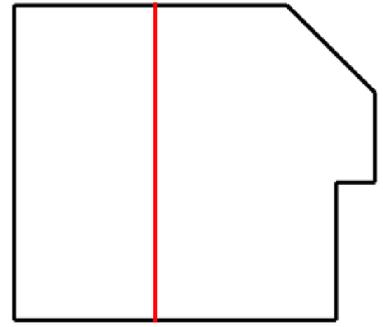
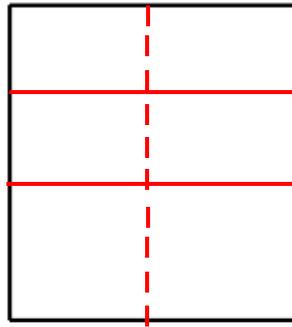
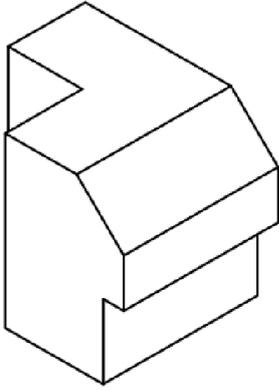
.1) [TD N:1](#)



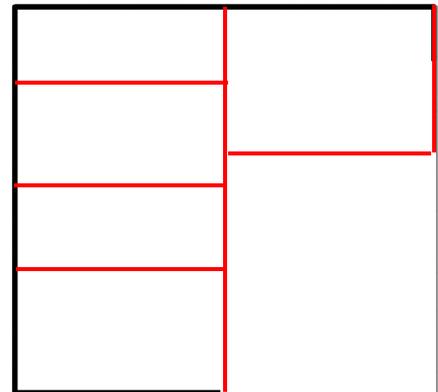
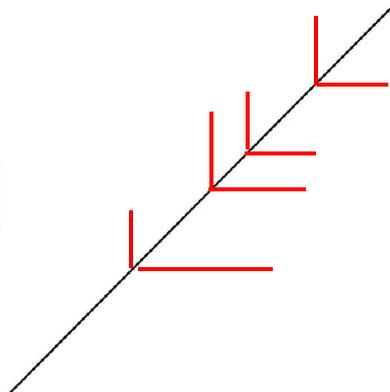
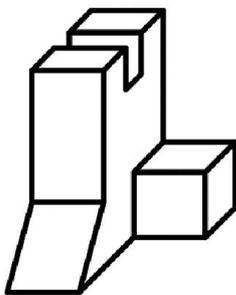
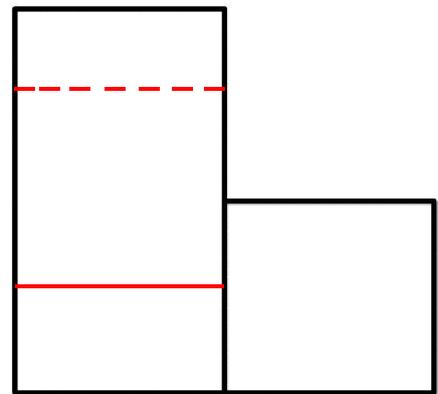
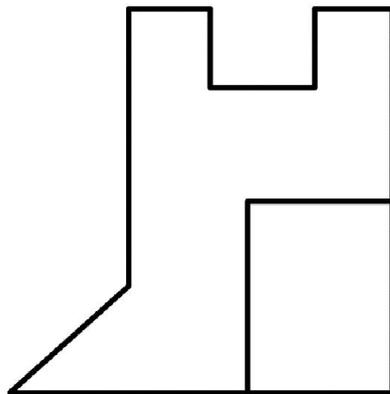
.2) [TD N:2](#)



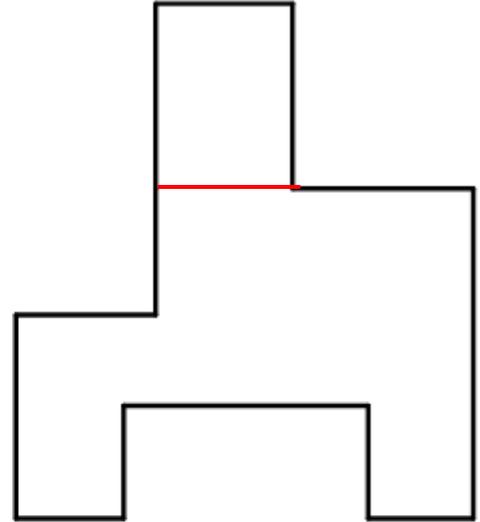
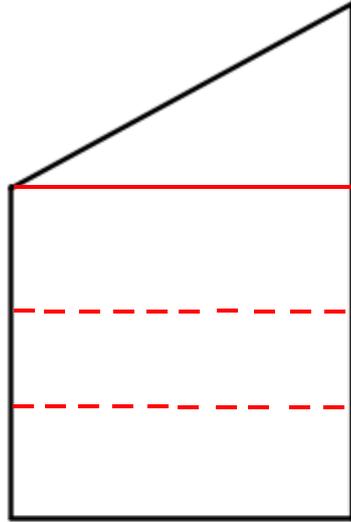
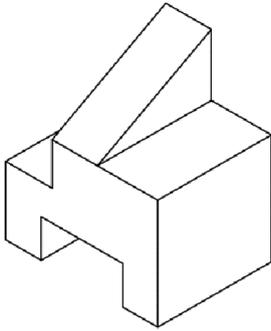
.3) TD N: 3



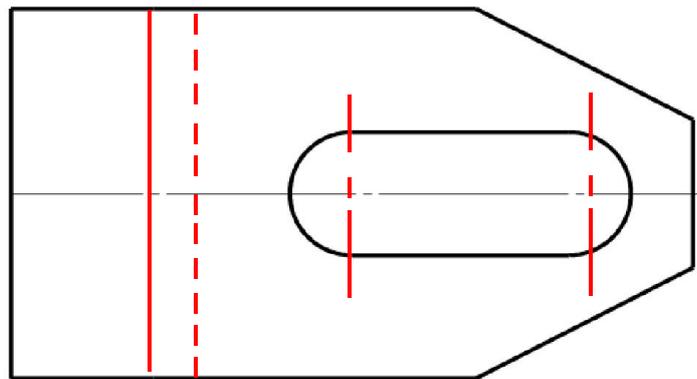
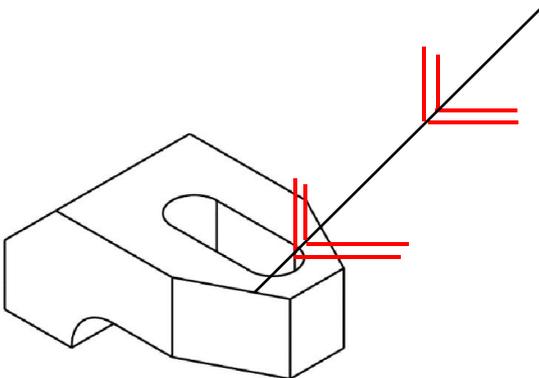
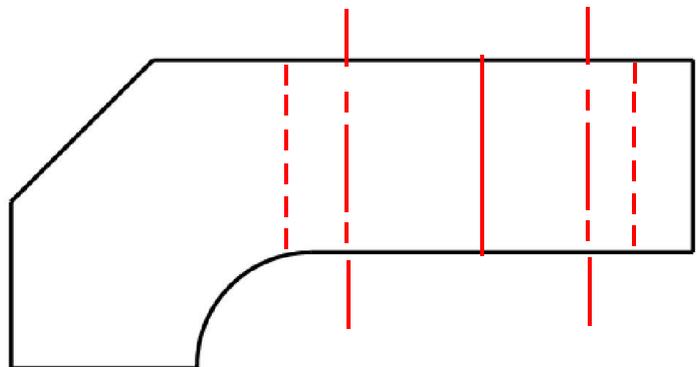
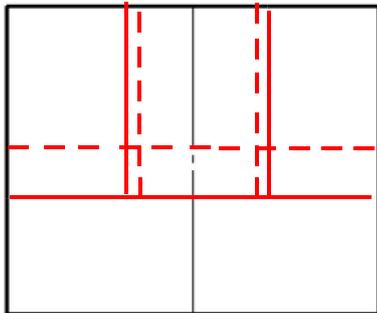
.4) TD N: 4



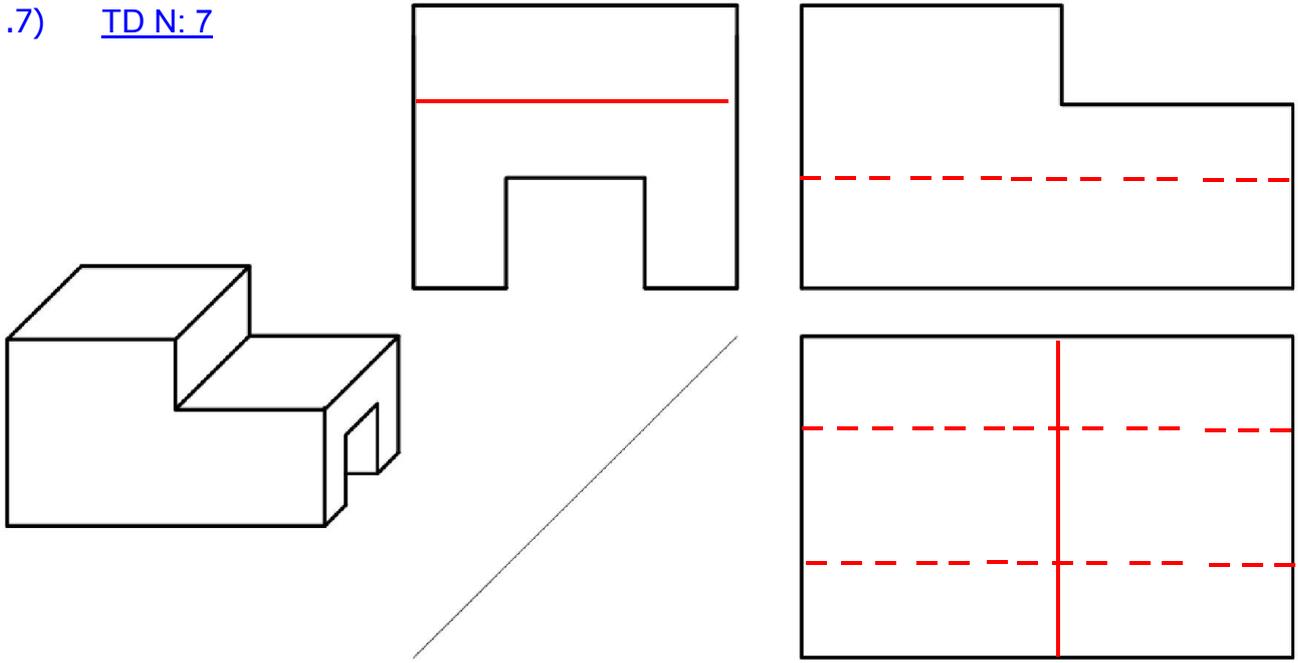
.5) TD N: 5



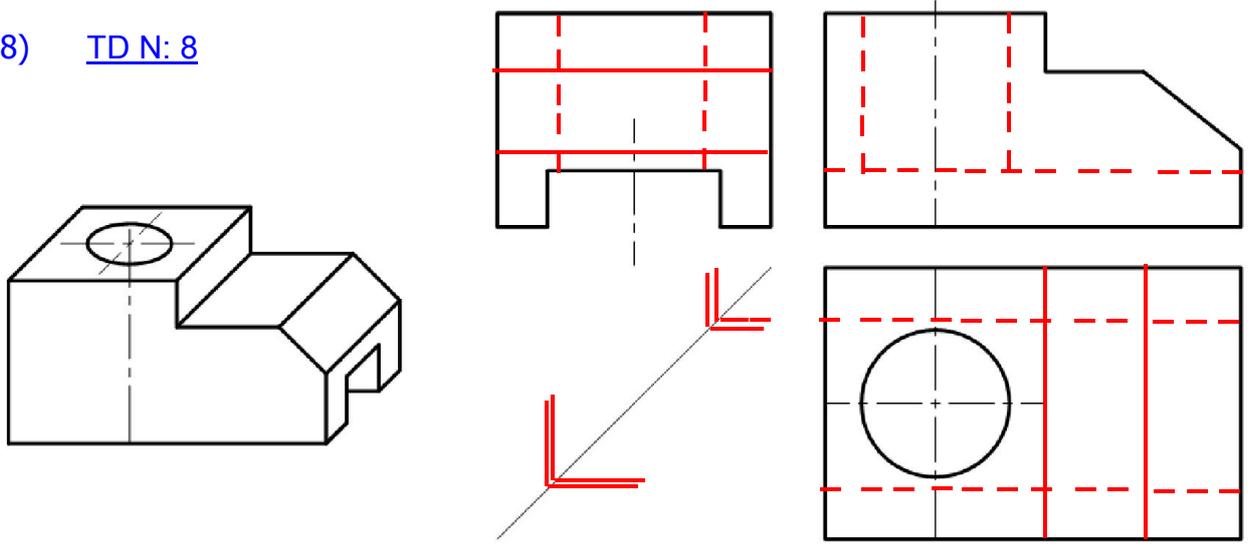
.6) TD N: 6



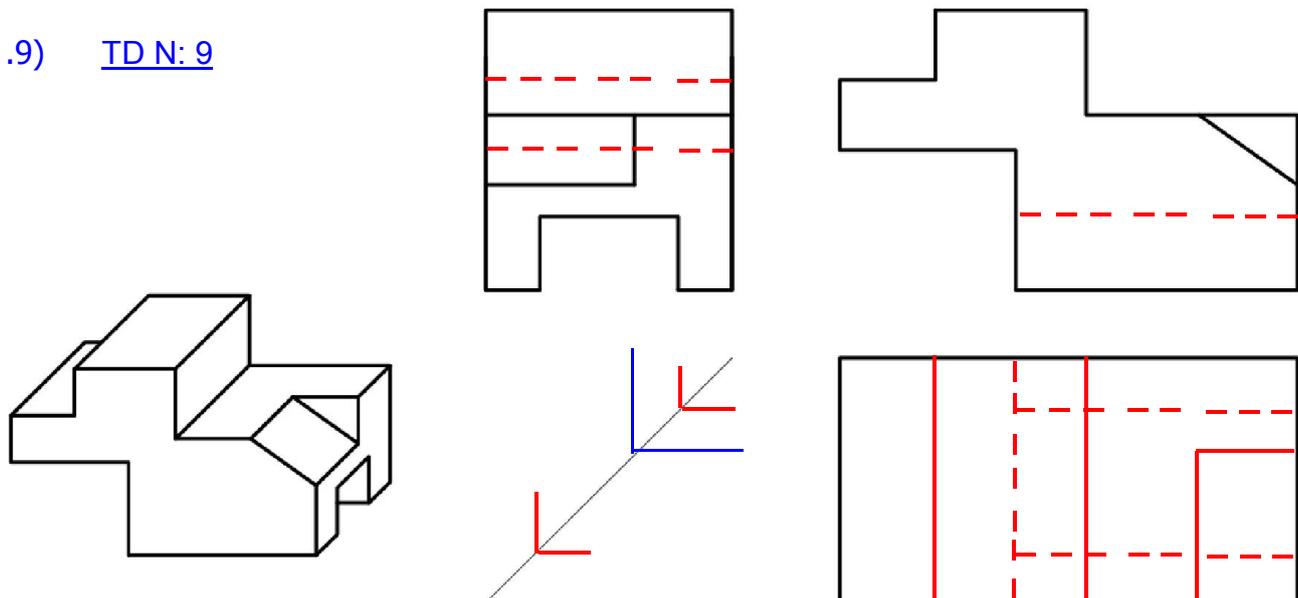
.7) [TD N: 7](#)



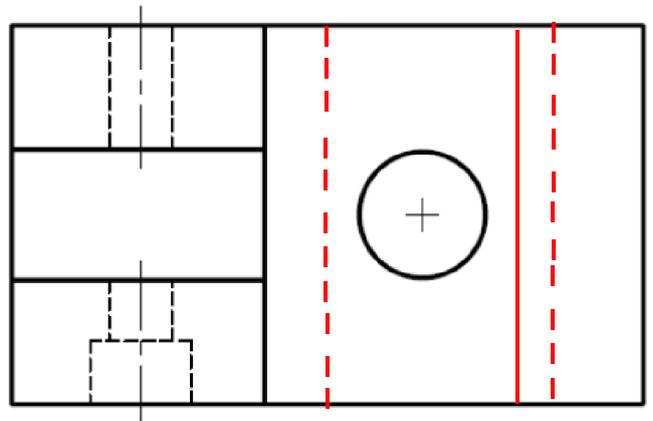
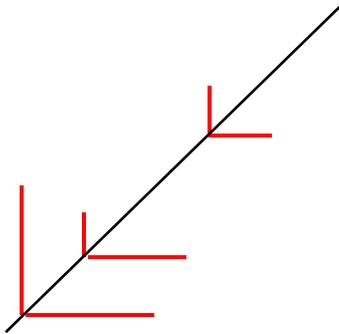
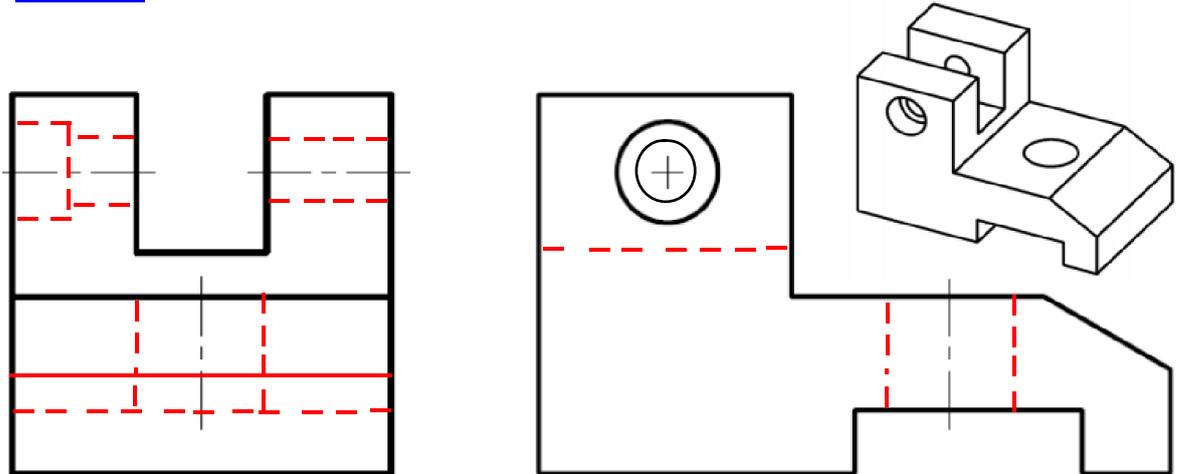
.8) [TD N: 8](#)



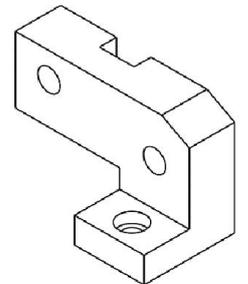
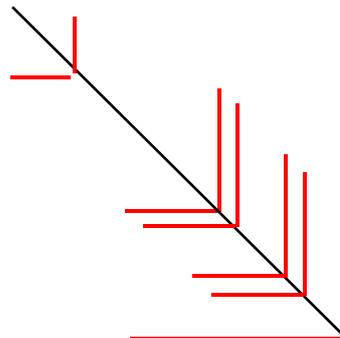
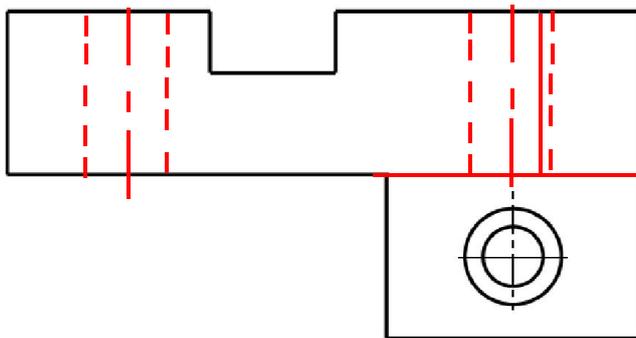
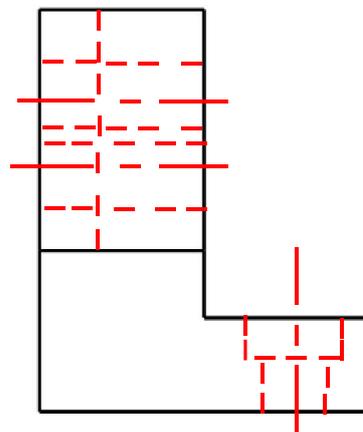
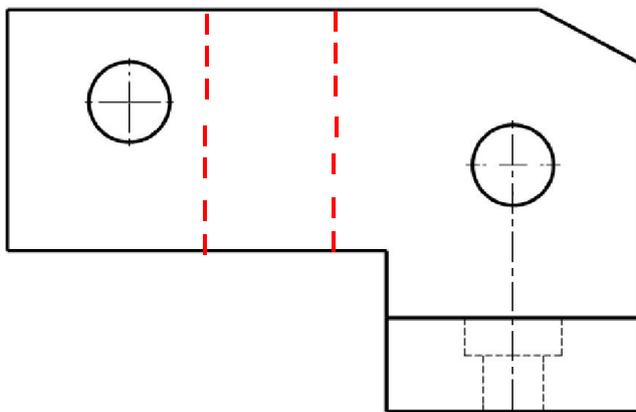
.9) [TD N: 9](#)



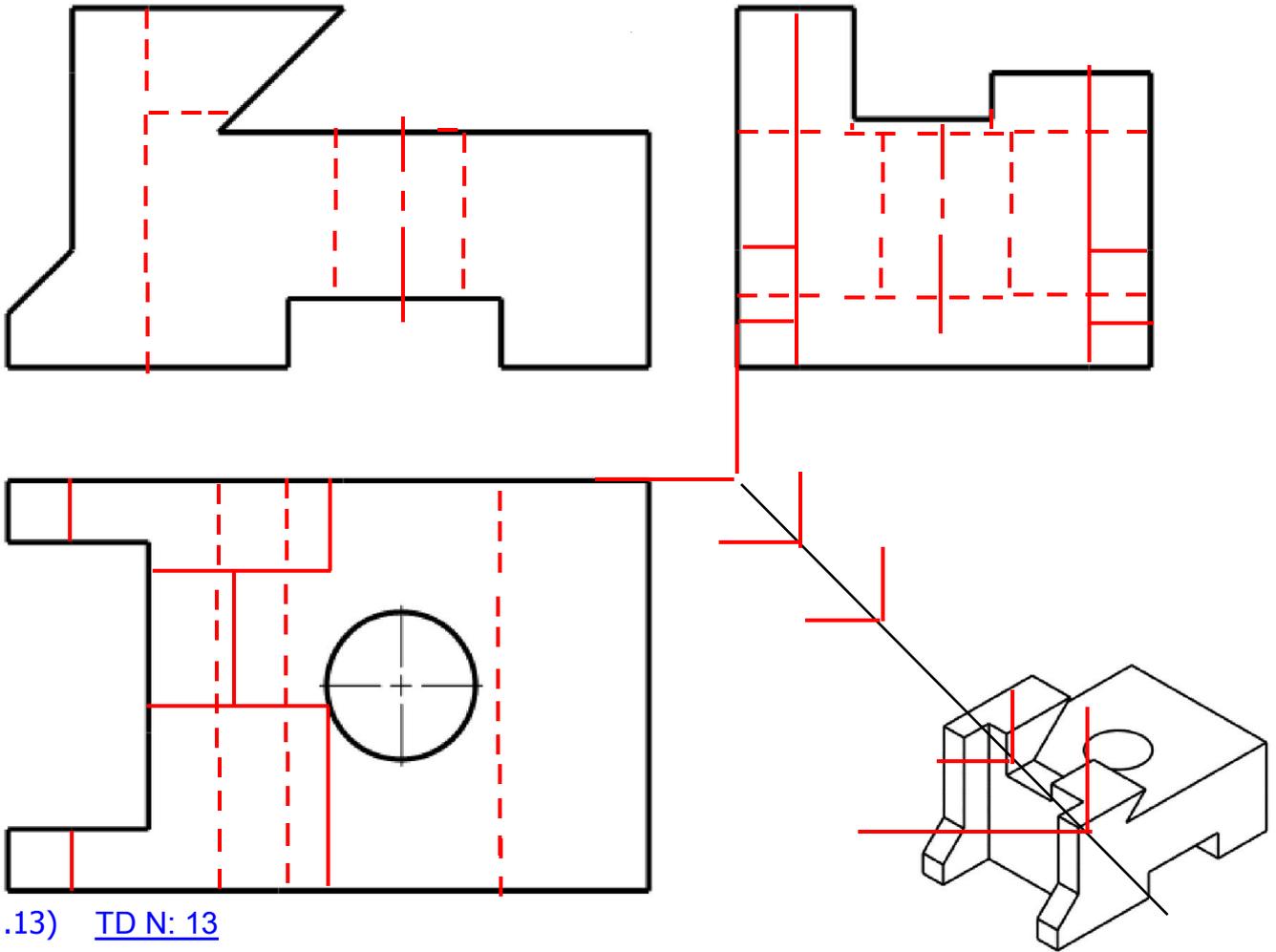
.10) [TD N: 10](#)



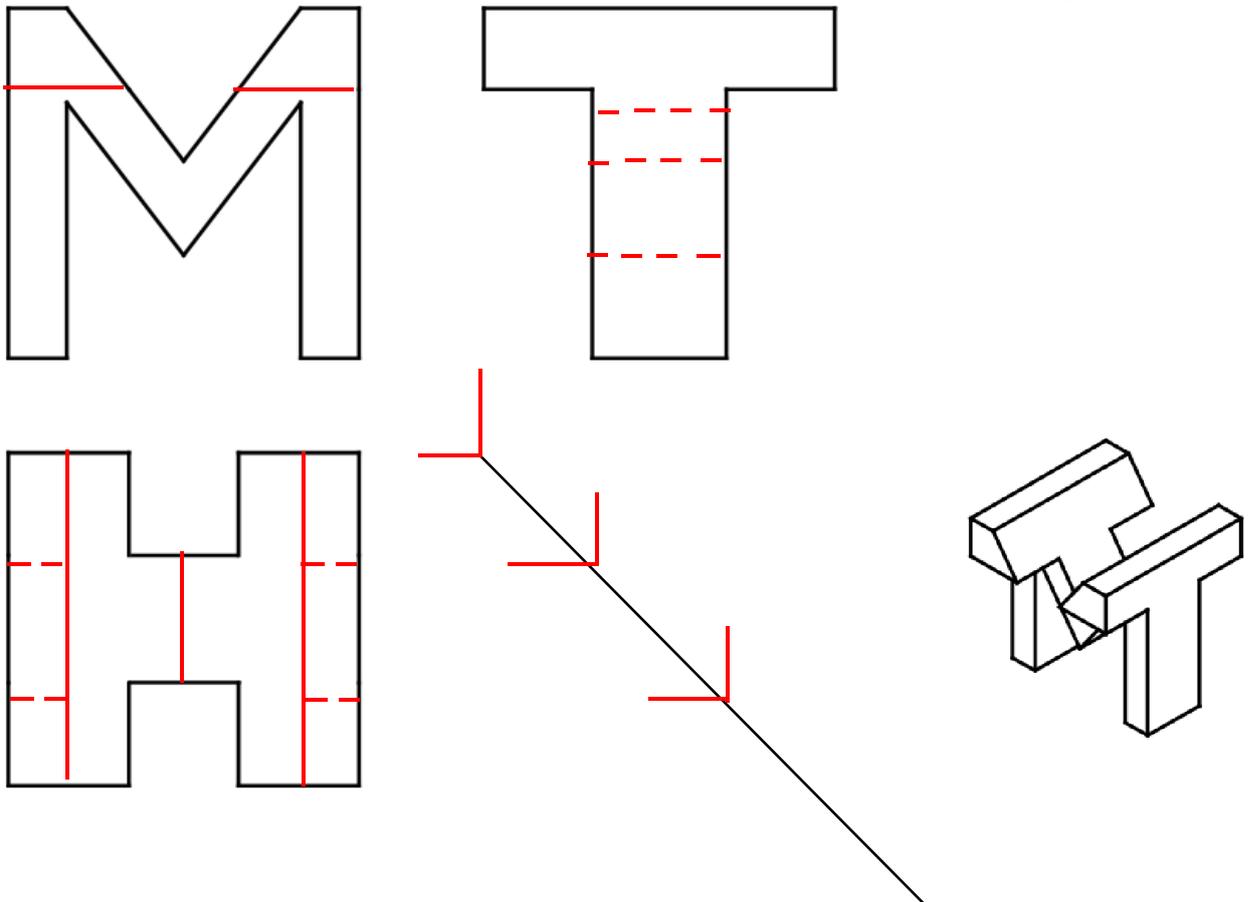
.11) [TD N: 11](#)



.12) [TD N: 12](#)

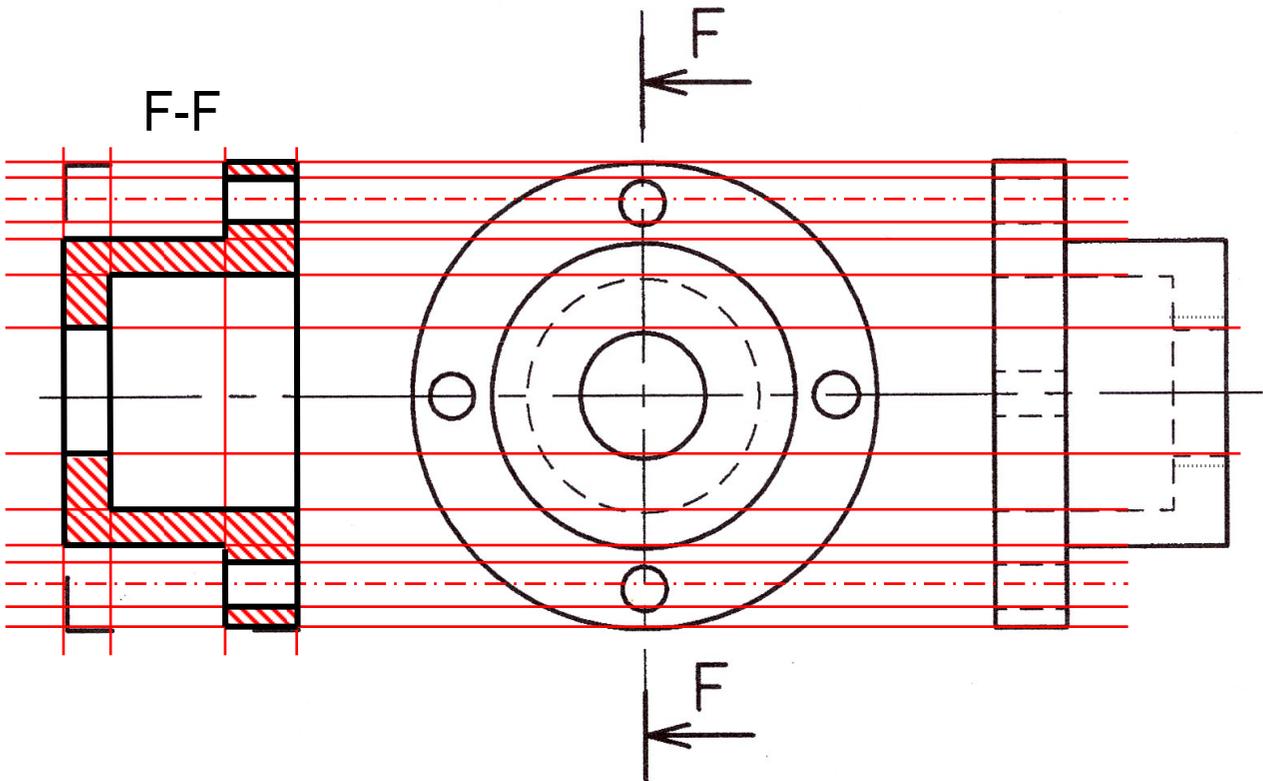
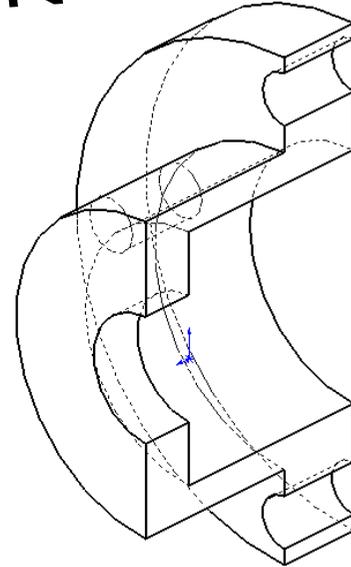
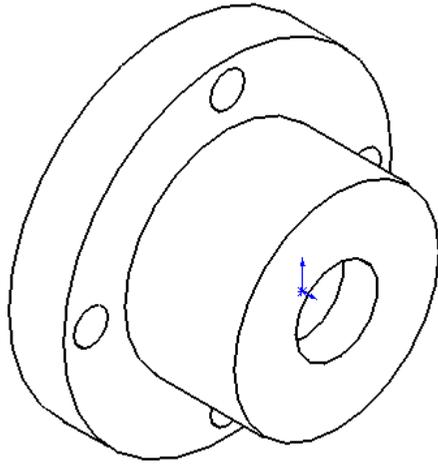


.13) [TD N: 13](#)



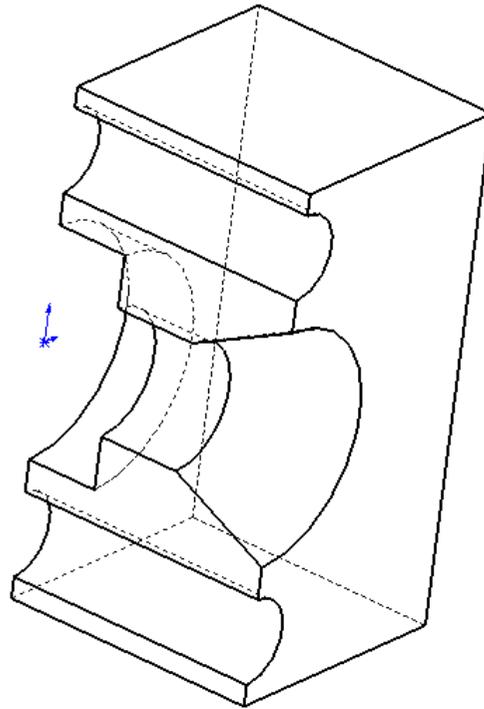
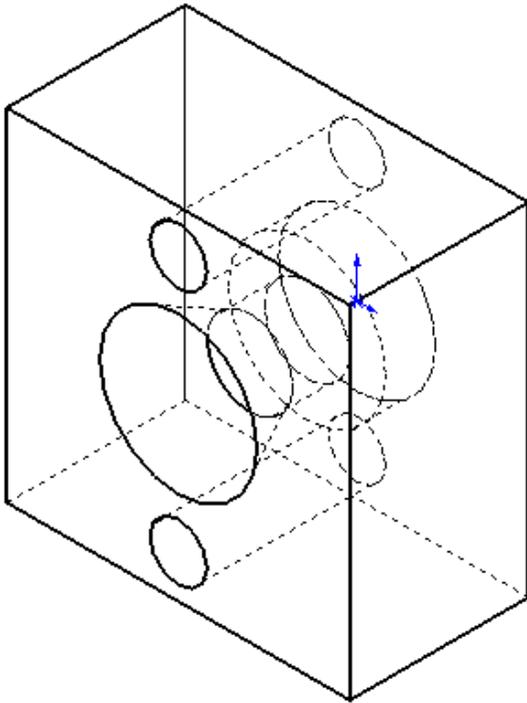
.TD N: 14

CORRECTION

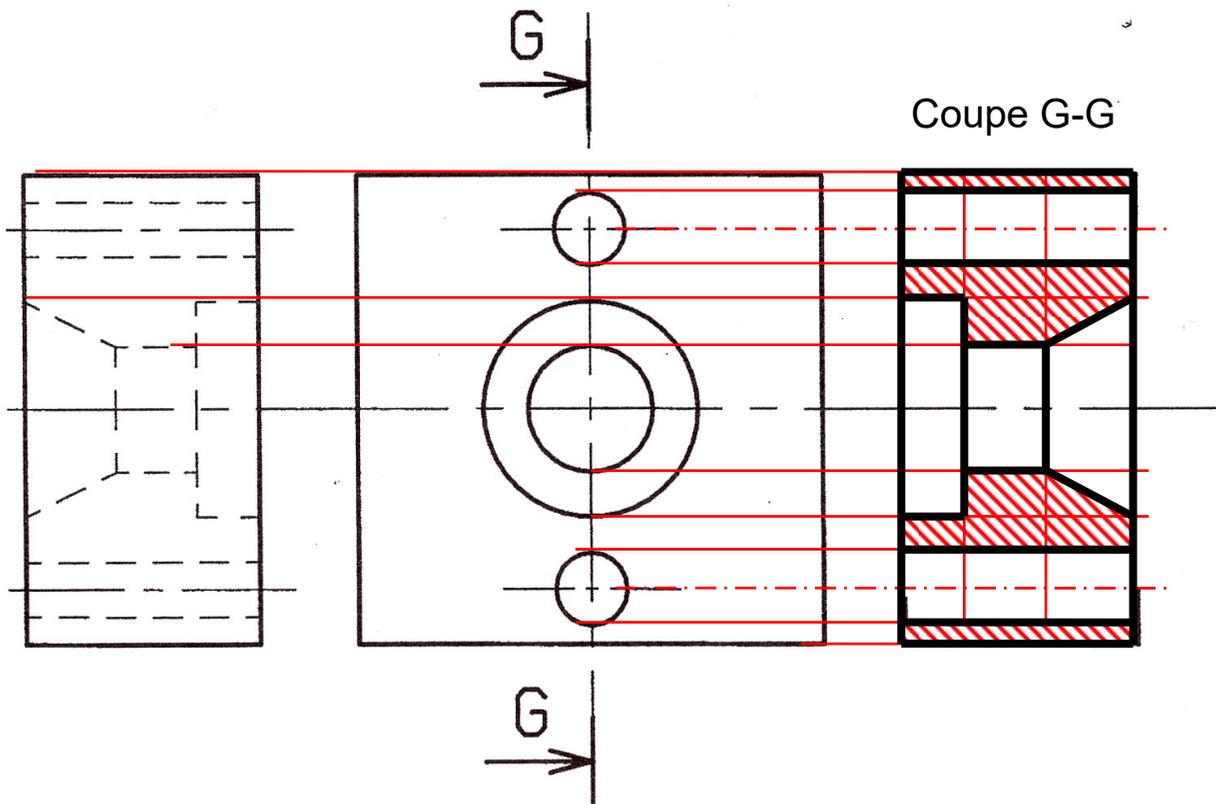


.TD N: 15

CORRECTION

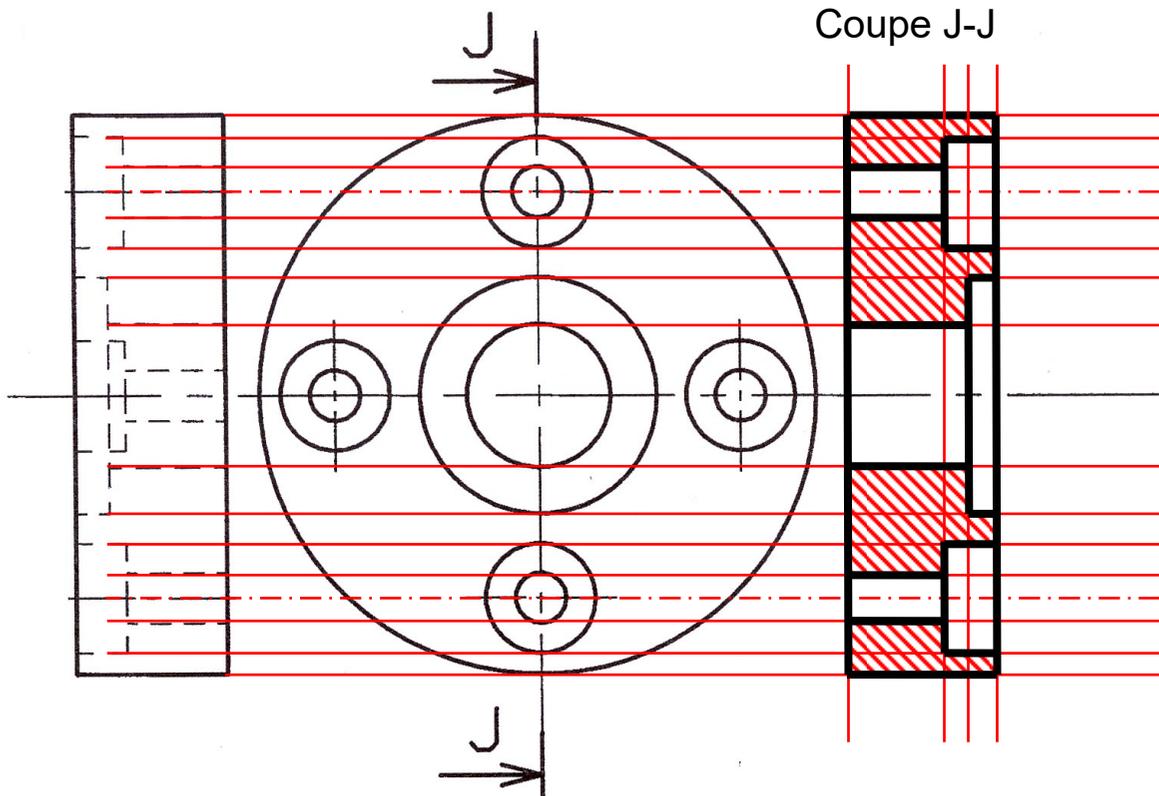
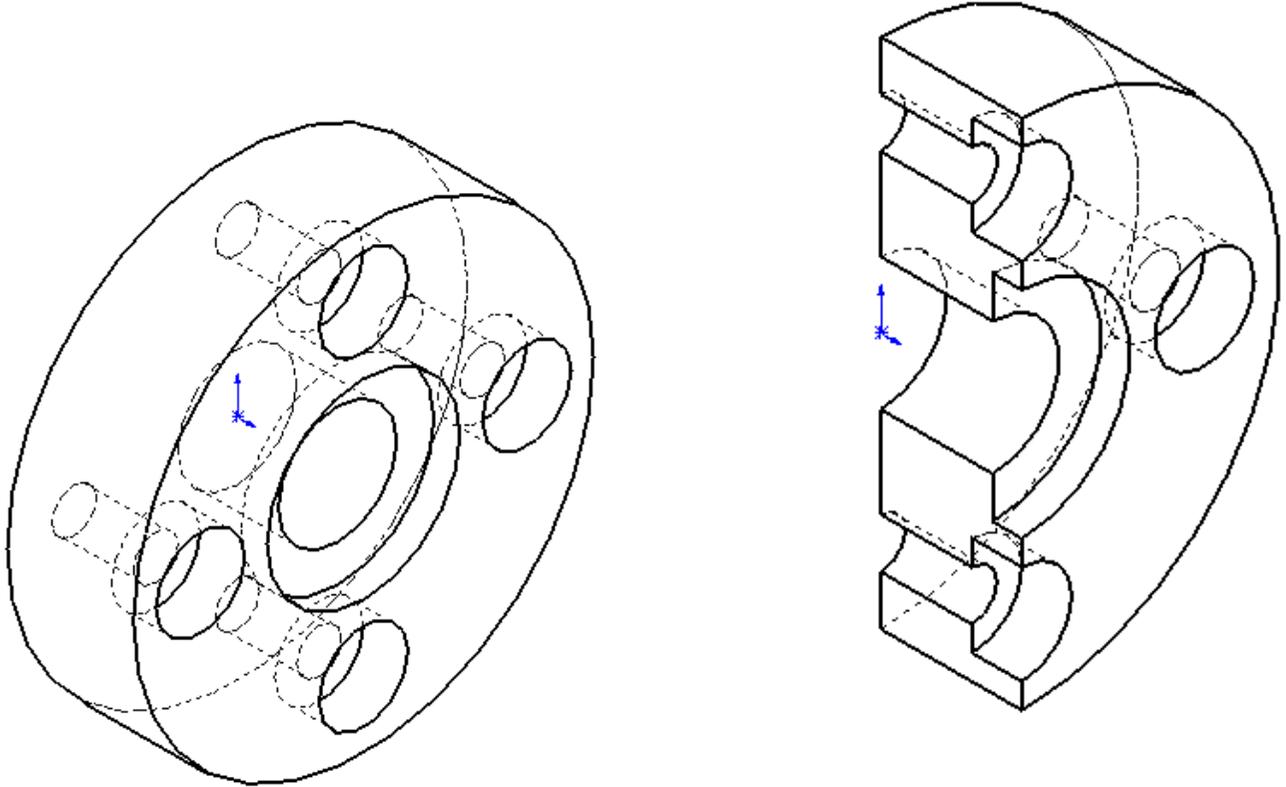


Coupe G-G



.TD N: 16

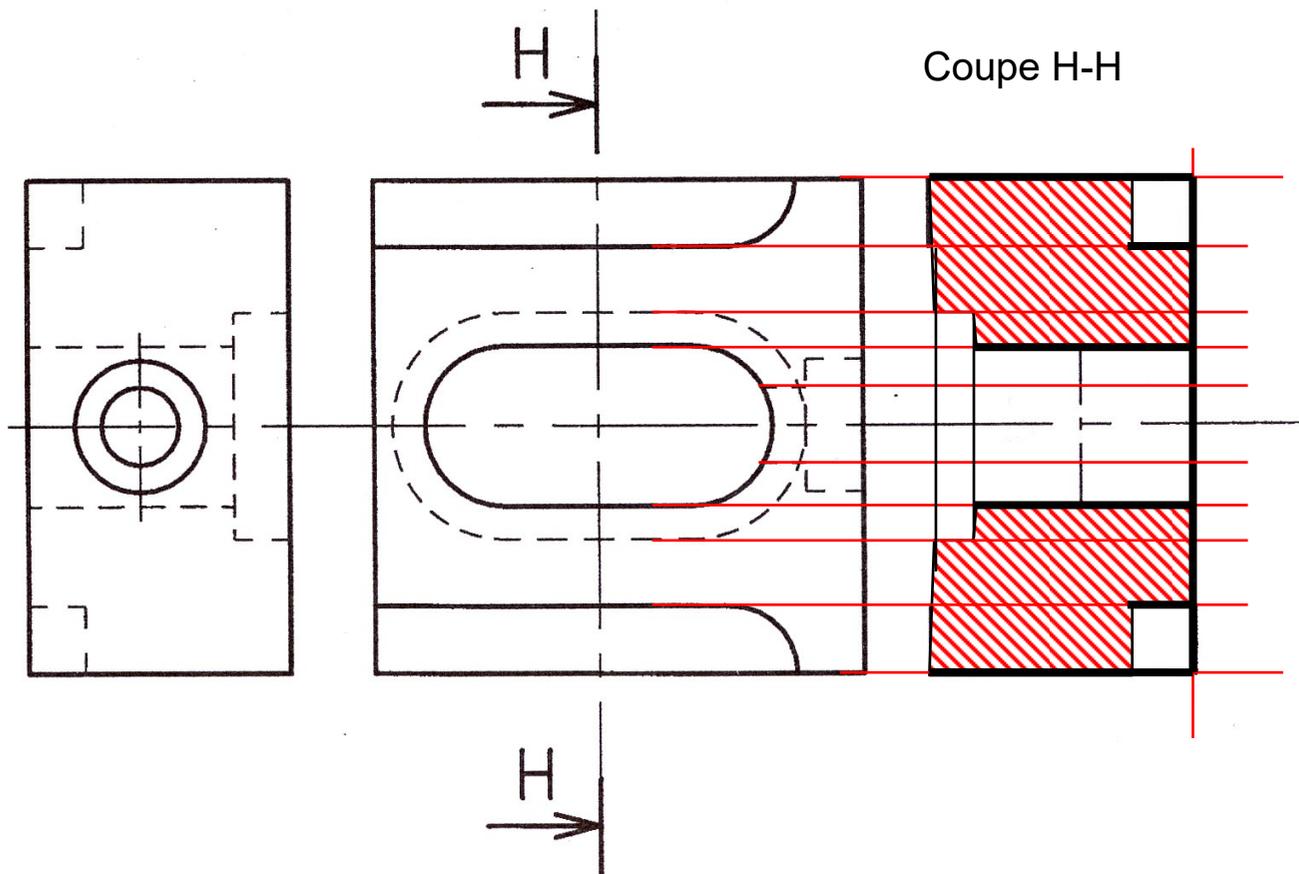
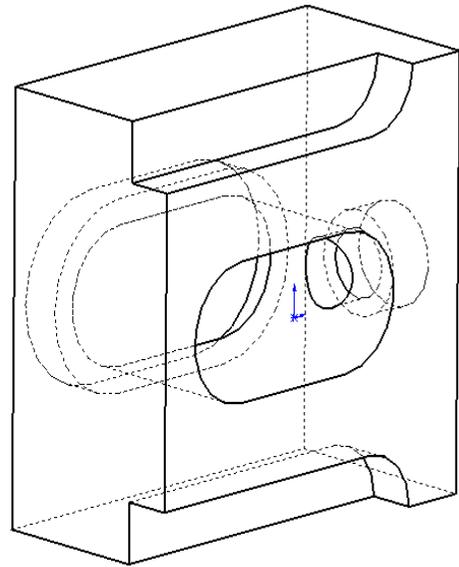
CORRECTION



TD N: 17

CORRECTION

Compléter la section H-H de cette pièce .



Coupe H-H

.TD N: 18

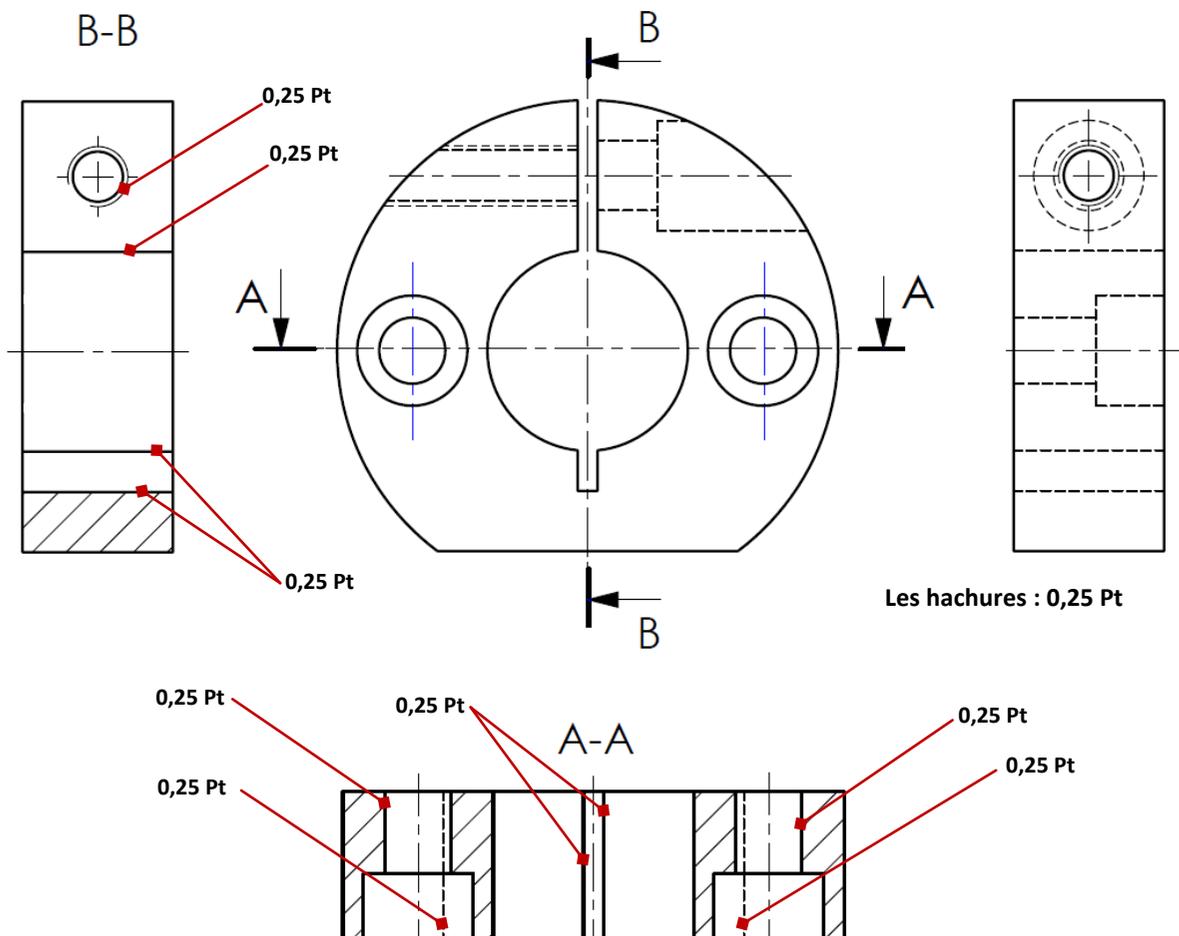
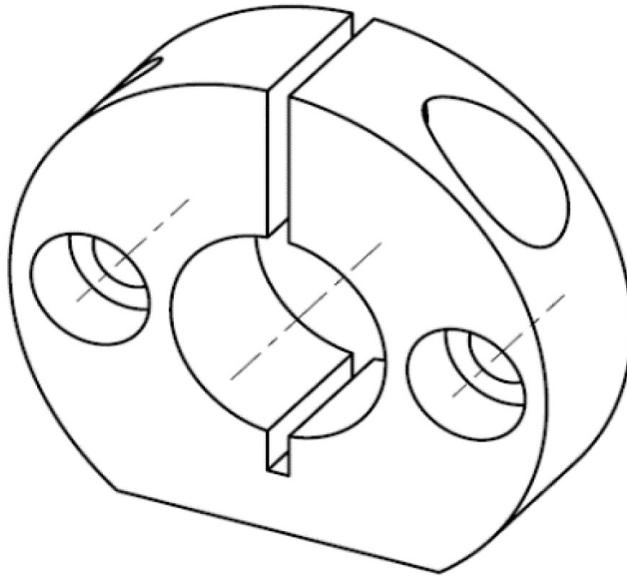
الامتحان الوطني الموحد للبكالوريا
الدورة العادية 2021

- 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



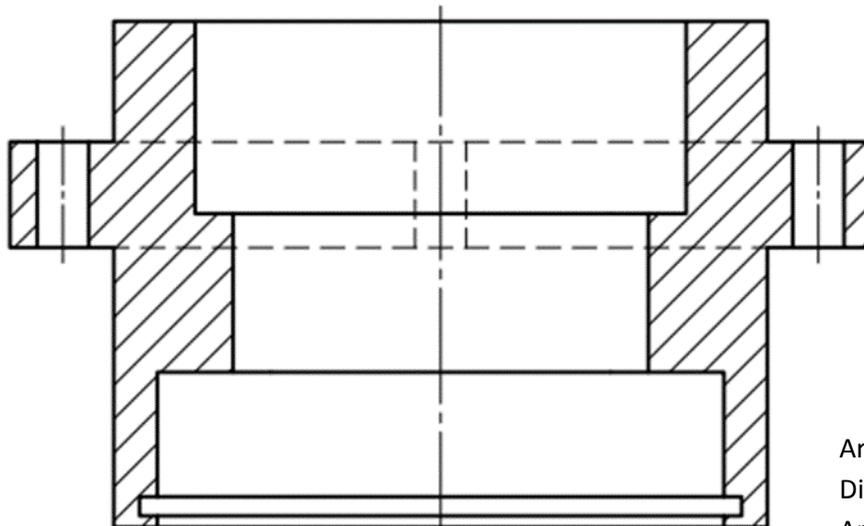
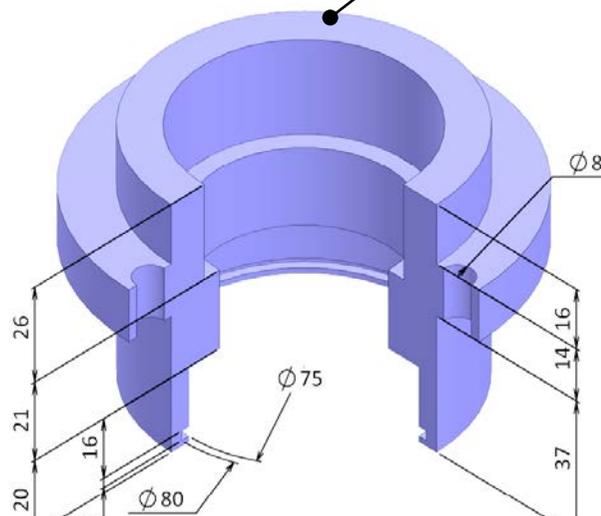
الامتحان الوطني الموحد للبكالوريا
الدورة الاستدراكية 2021

.TD N: 19

- Représenter la pièce (11) en vue de face coupe A-A en respectant la cotation.

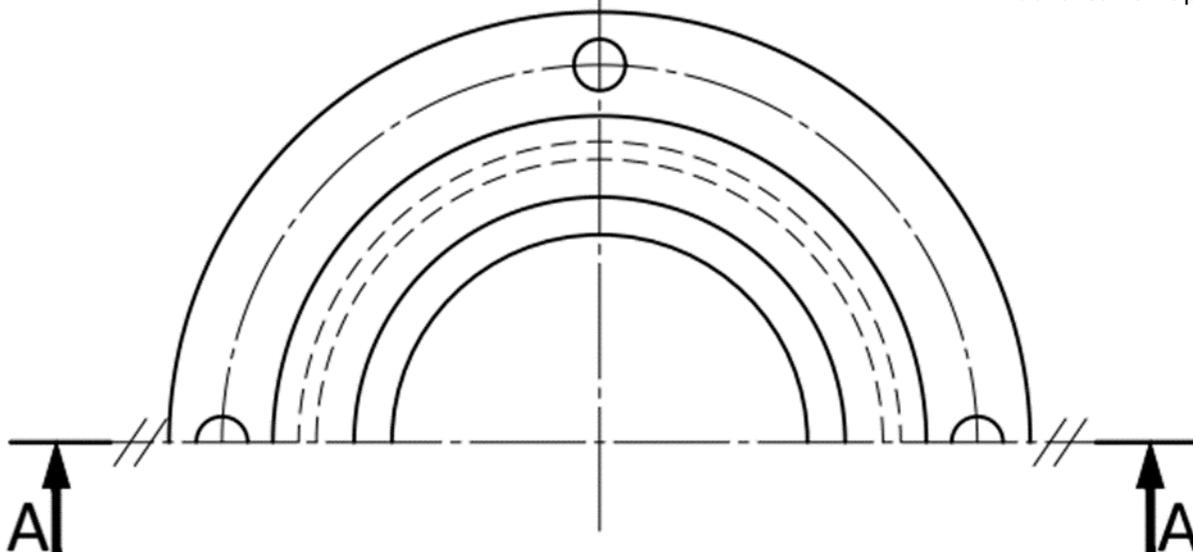
2,00 pts

Pièce (11)



2,00 pts

Arrêtes vues : 0,5pt
Dimensions : 0,75pt
Arrêtes cachées : 0,5pt
Hachures : 0.25pt



الامتحان الوطني الموحد للبكالوريا للدورة الاعيانية 2020

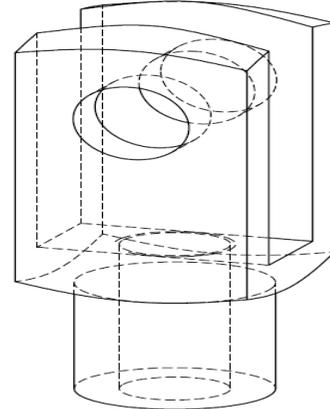
TD N: 20

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

(Représenter toutes les formes cachées)

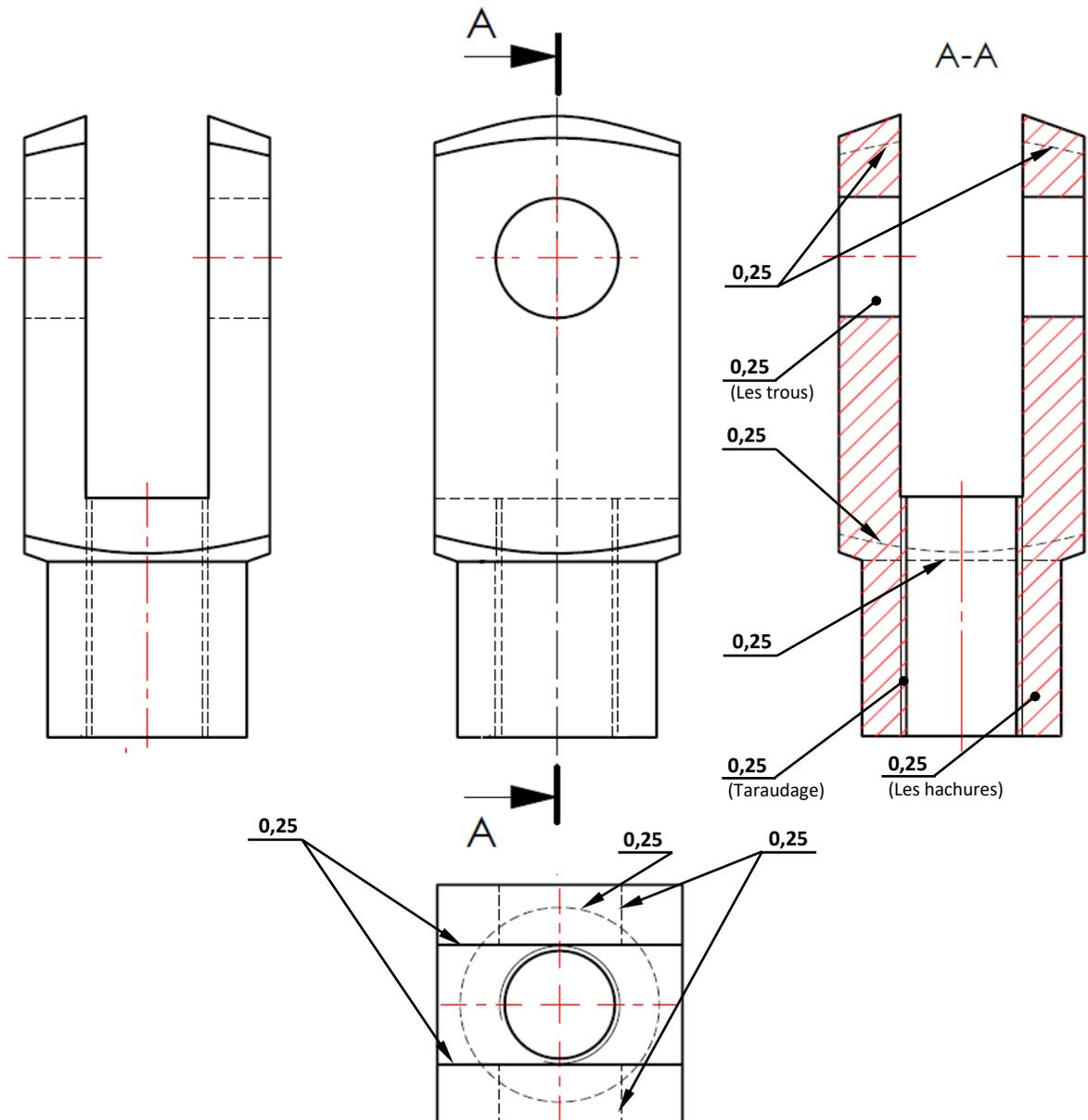
- La vue de gauche en coupe A-A.
- La vue de dessus.

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



- Vue de dessus.

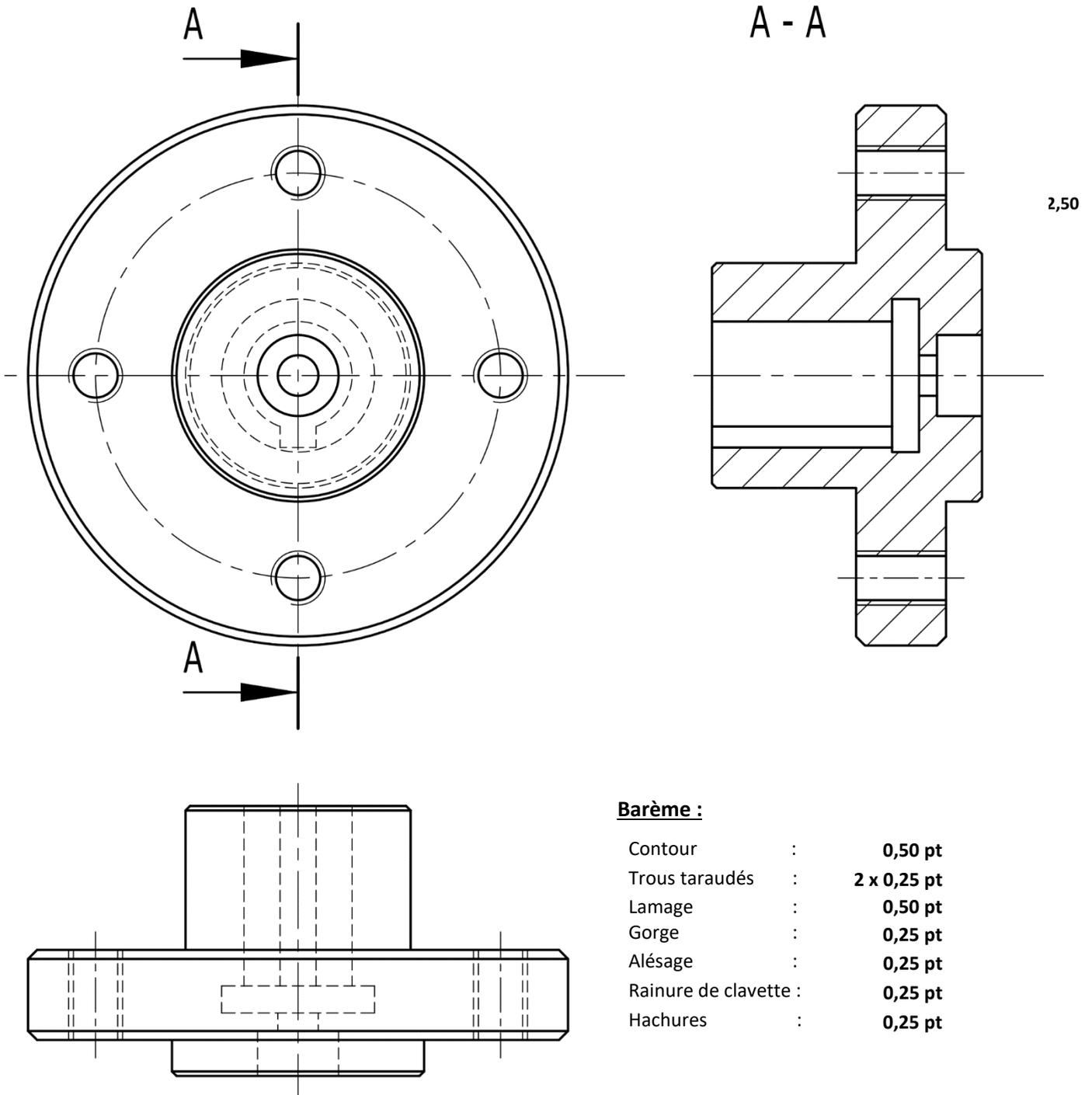
/2,25



TD N: 21

الامتحان الوطني الموحد للبكالوريا للدورة 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)

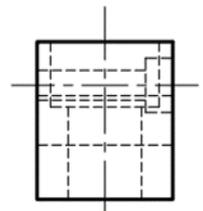
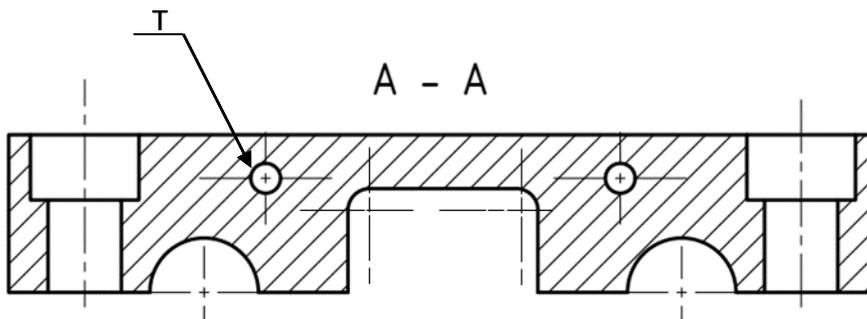
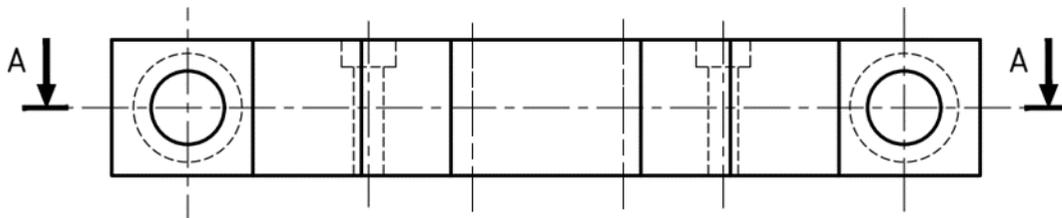
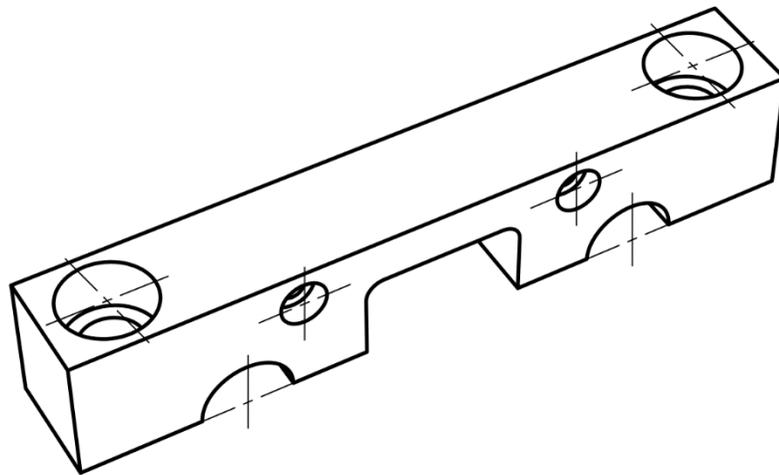


الامتحان الوطني الموحد للبكالوريا
لدورة لعاية 2019

TD N: 22

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



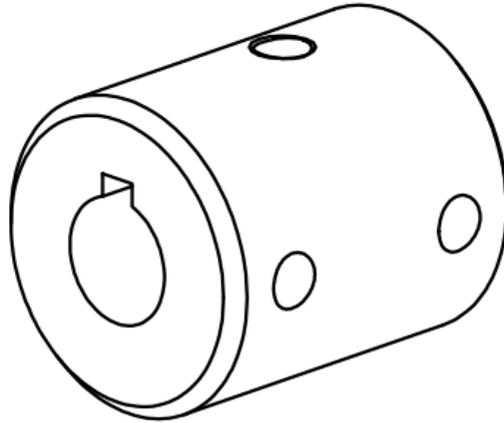
الامتحان الوطني الموحد للبكالوريا

TD N: 23

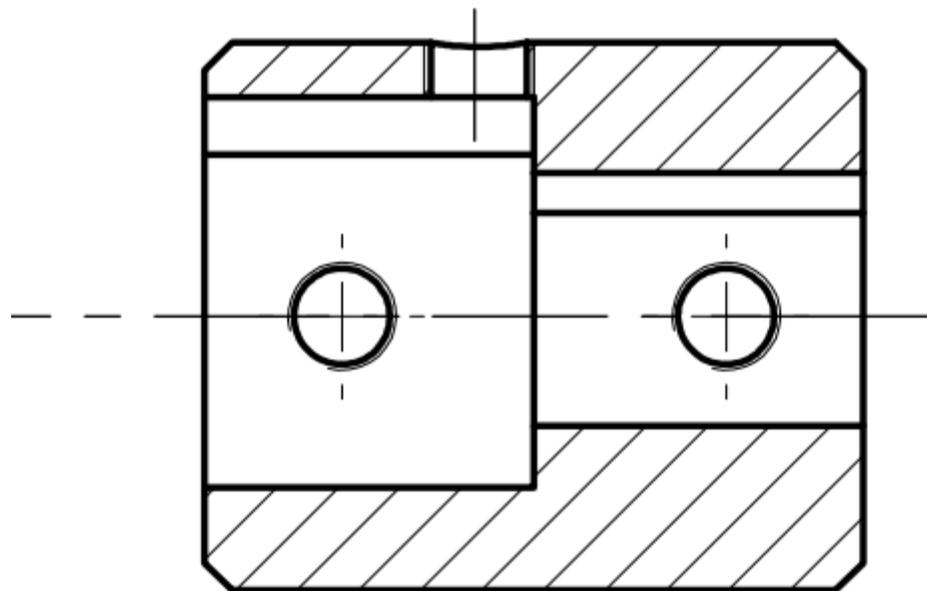
للدورة الاستدلالية 2019

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
Tarudages	/ 0,5 pt
Repérage de la coupe	/0,25 pt

الامتحان الوطني الموحد للبكالوريا

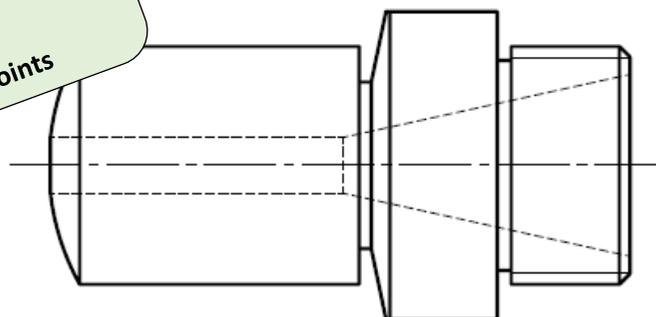
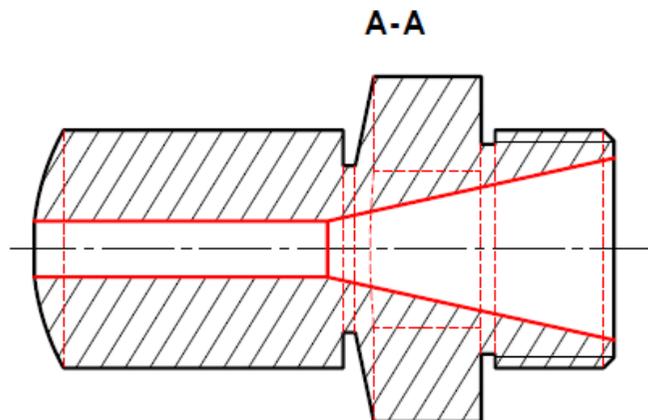
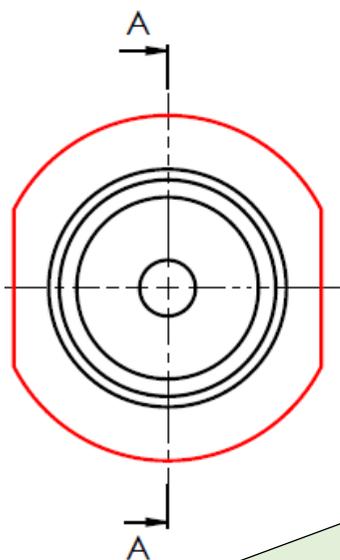
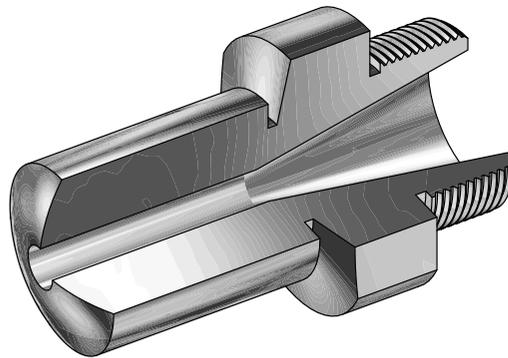
TD N: 24

الدورة العادية 2022

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

2,50 pts

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

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

Les hachures : 0,125
 Le filetage : 0,125
 18 traits : x 0,125 = 2,25 points

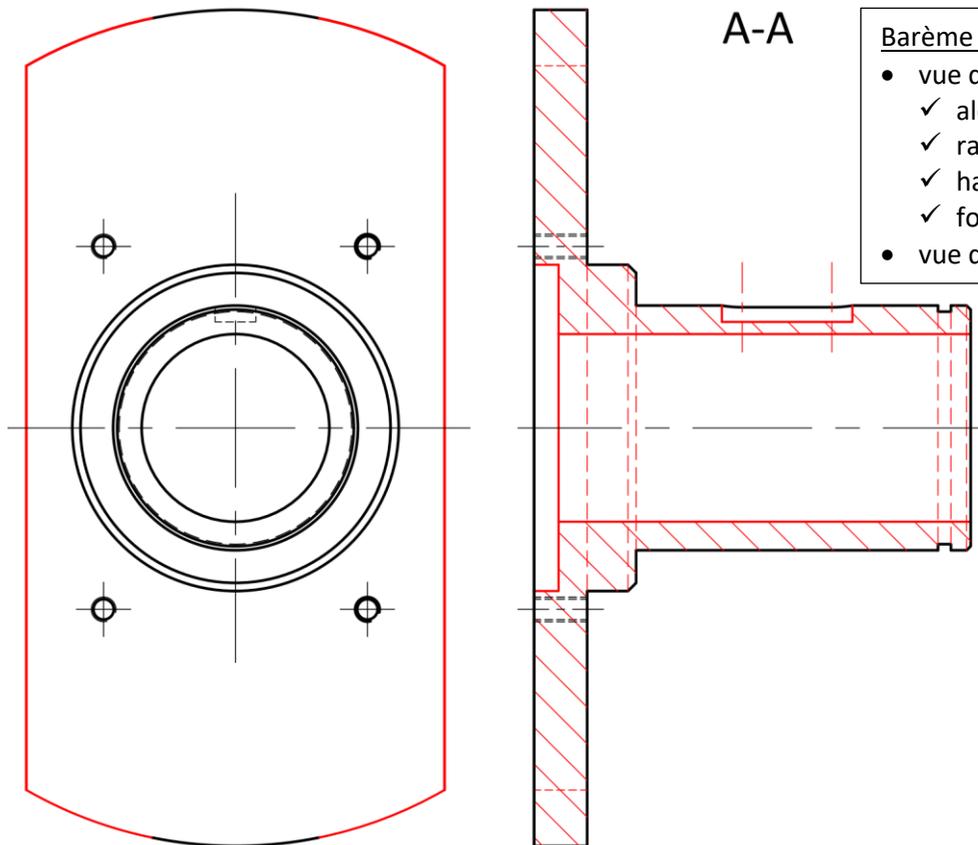
الامتحان الوطني الموحد للبكالوريا

الدورة الاستدراكية 2022

TD N: 25

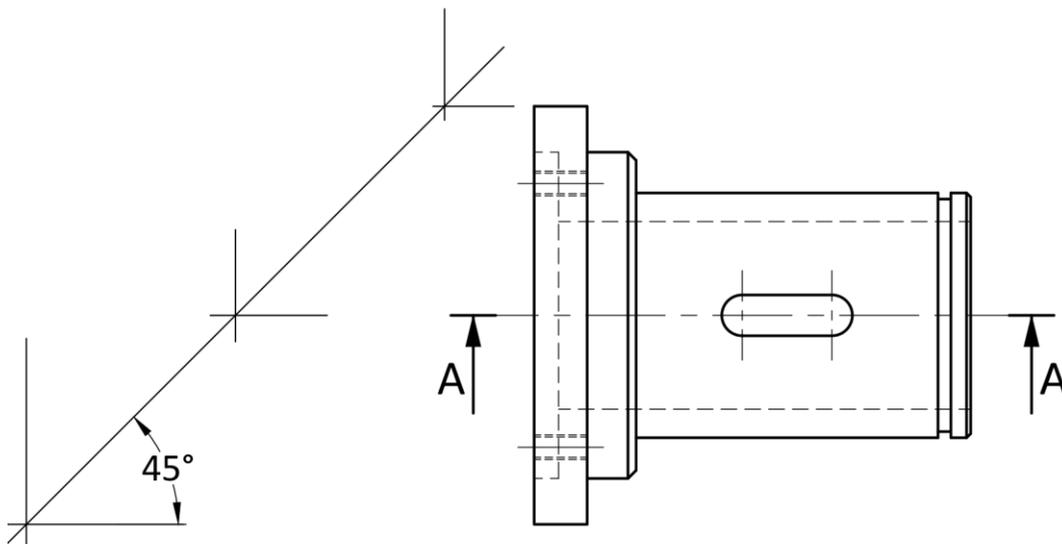
Q.Représentation graphique de la pièce (3).

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

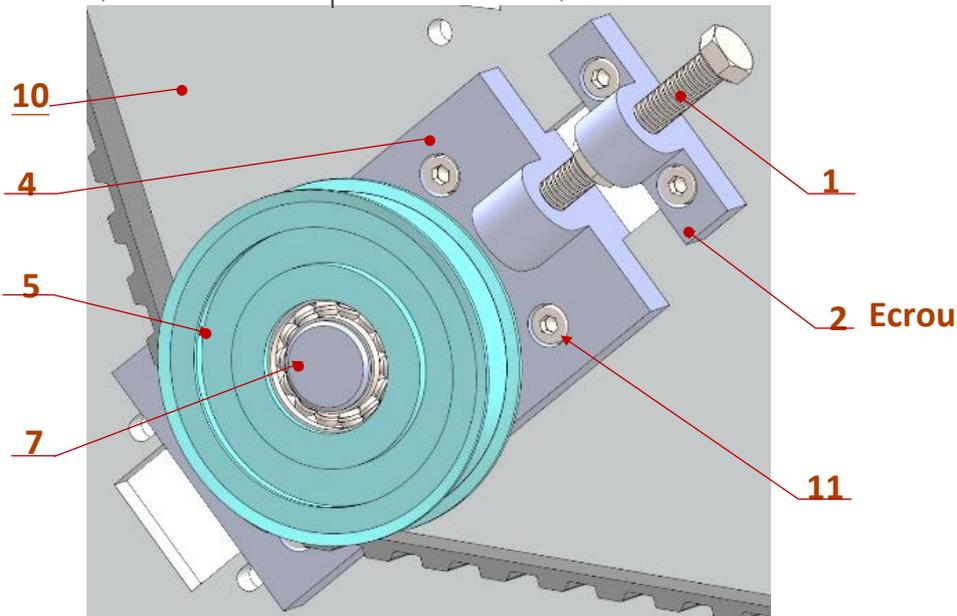
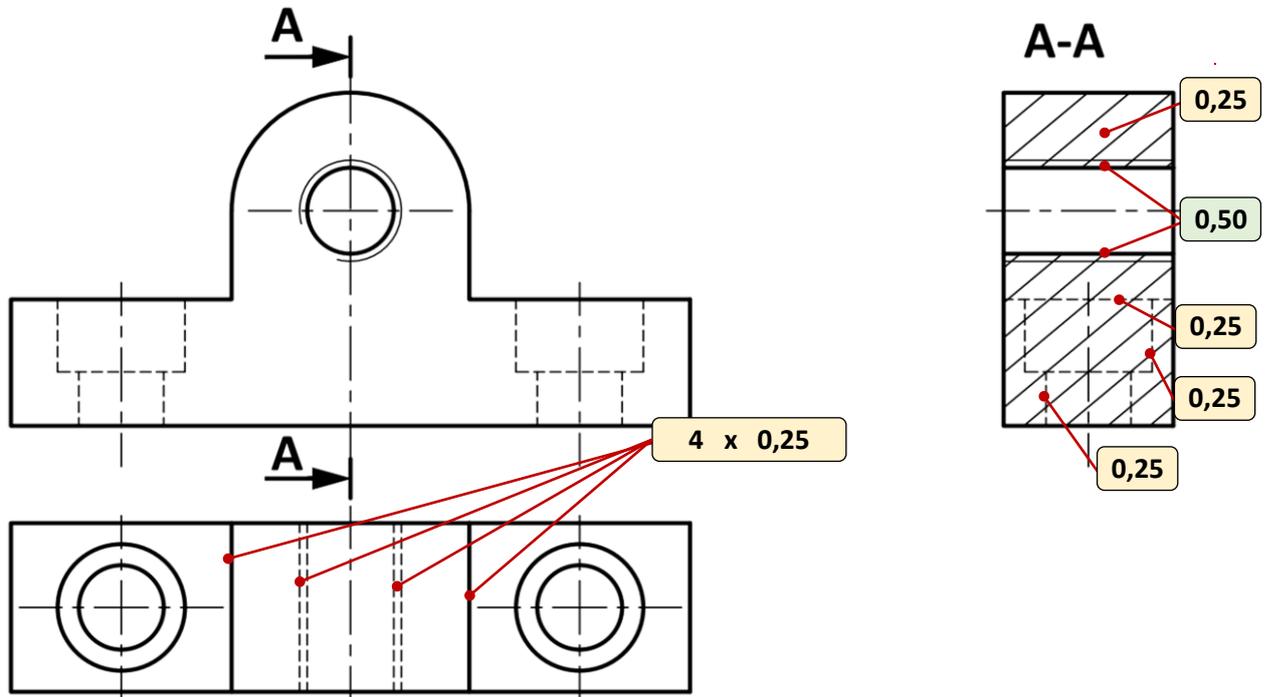


TD N: 26

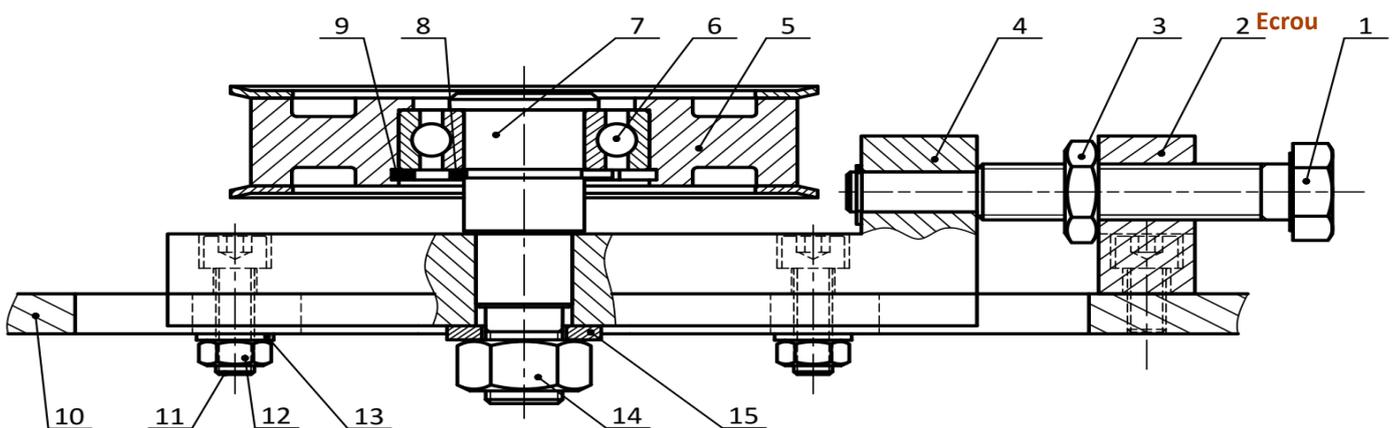
Compléter le dessin de l'écrou 2 en :

- 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)

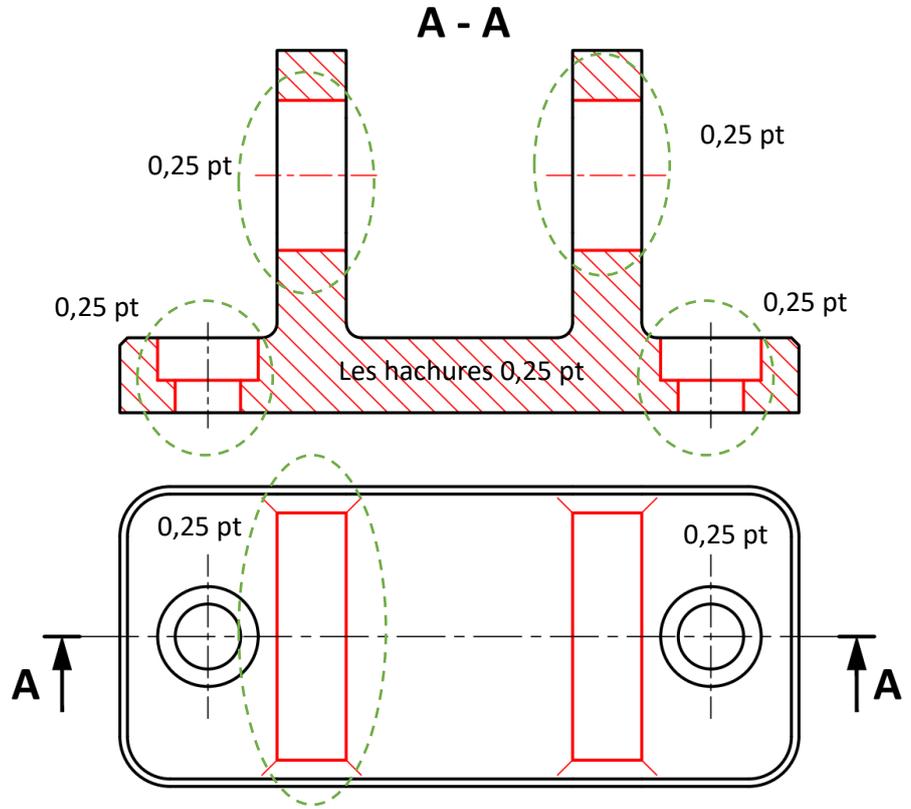
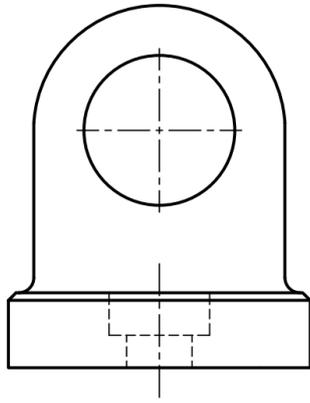


Compléter le dessin de la chape de fixation (2) en :

- 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

