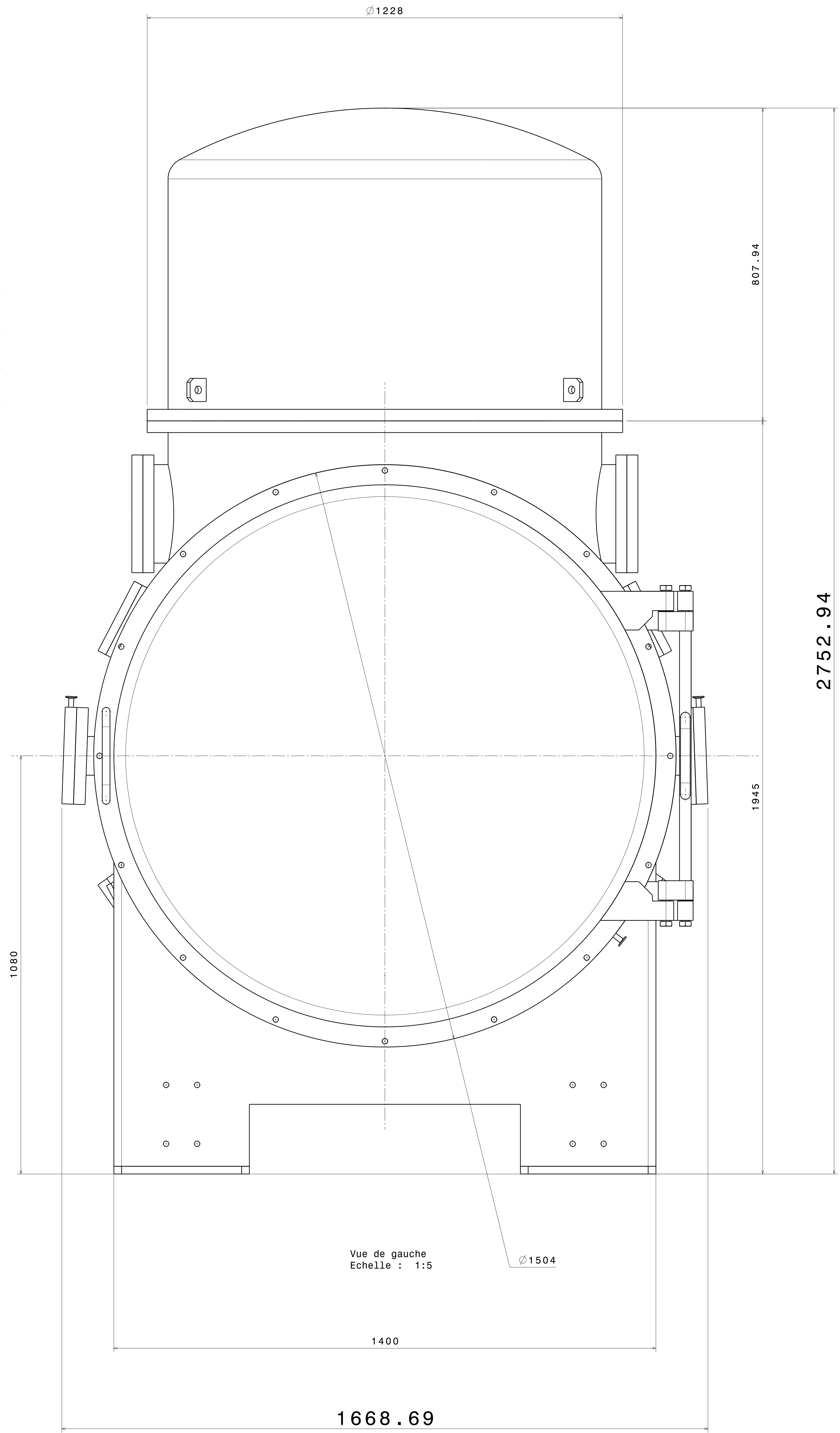


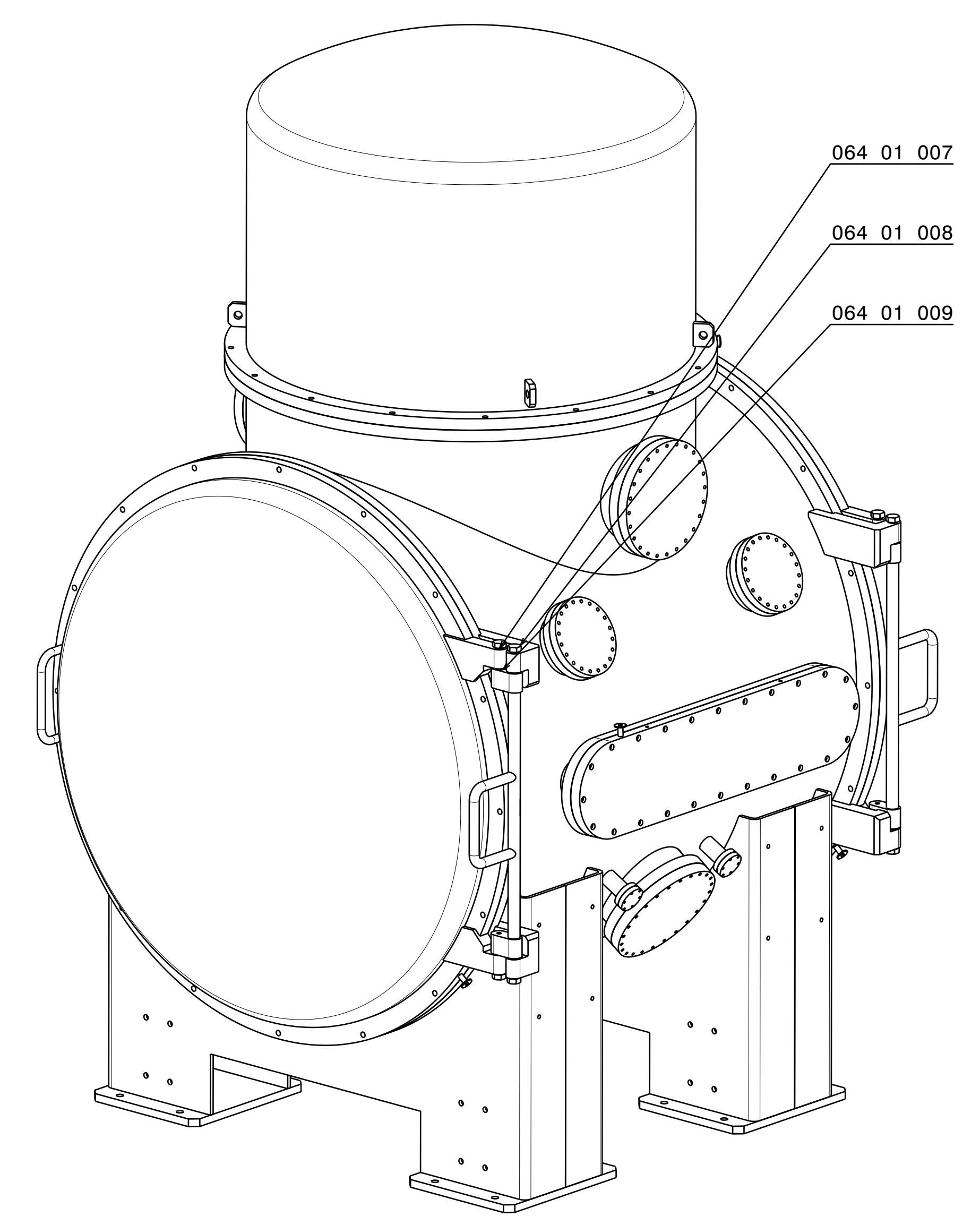
Vue de face  
Echelle : 1:5

1920.85



Vue de gauche  
Echelle : 1:5

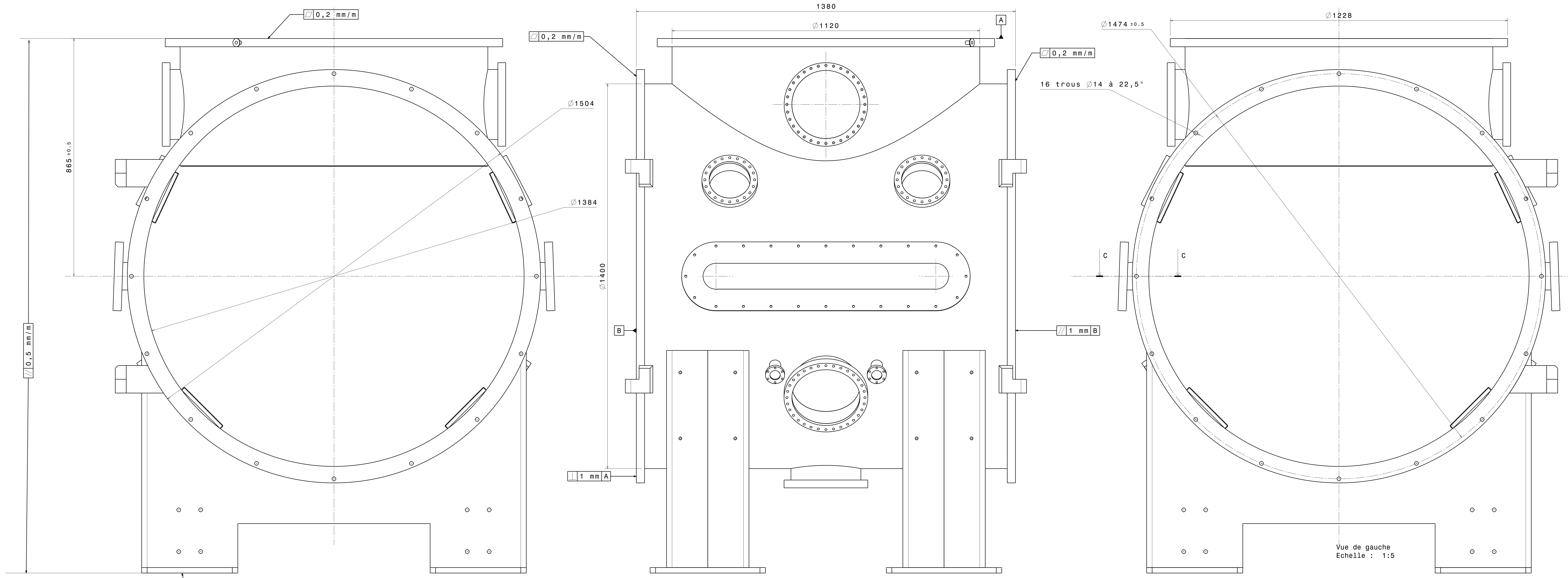
1668.69



Vue isométrique  
Echelle : 1:10

2752.94

Modification		Author	Date
Material: 304 L	Ra: 6.3	Project: 064 VIRGO	
Traitement: /	Tol: ISO 2768 mK	Experiment: 01 MT Detection	
Qty: 1	Mass: 1900 Kg	Set: 000 Mini tour	
	Dims: mm	Nomencl: /	
	Scale: 1/5	Date: 2013 March 22	
Laboratoire d'Anecy-le-Vieux de Physique des Particules		bruno.lieunard@lapp.in2p3.fr	
BP 110, F-74941 Annecy-Le-Vieux CEDEX		Fax +33 4 50 27 94 95	
		Ph +33 4 50 09 55 80	
MINI-TOUR Détection		064 01 000	A

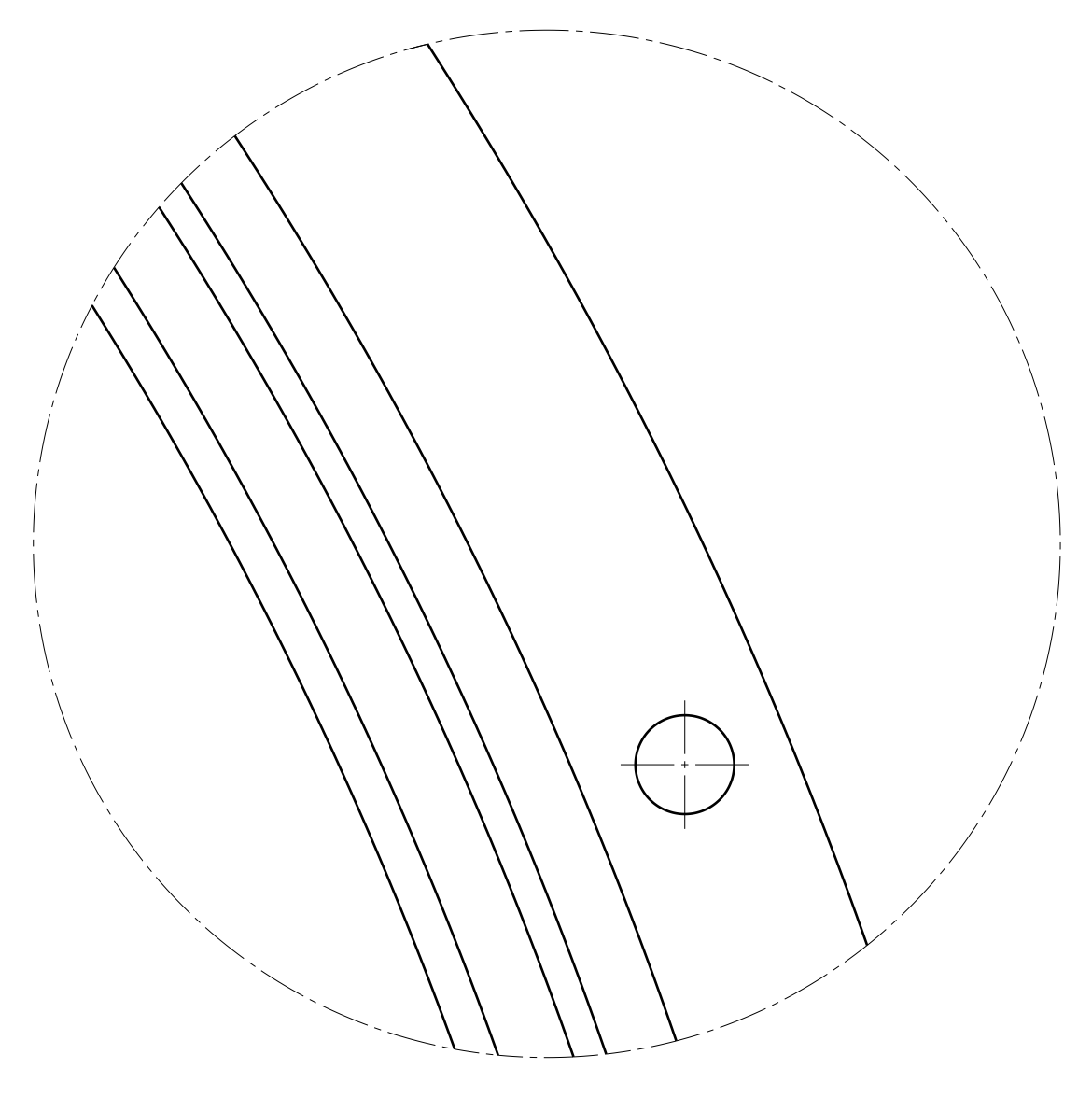


Vue de droite  
Echelle : 1:5

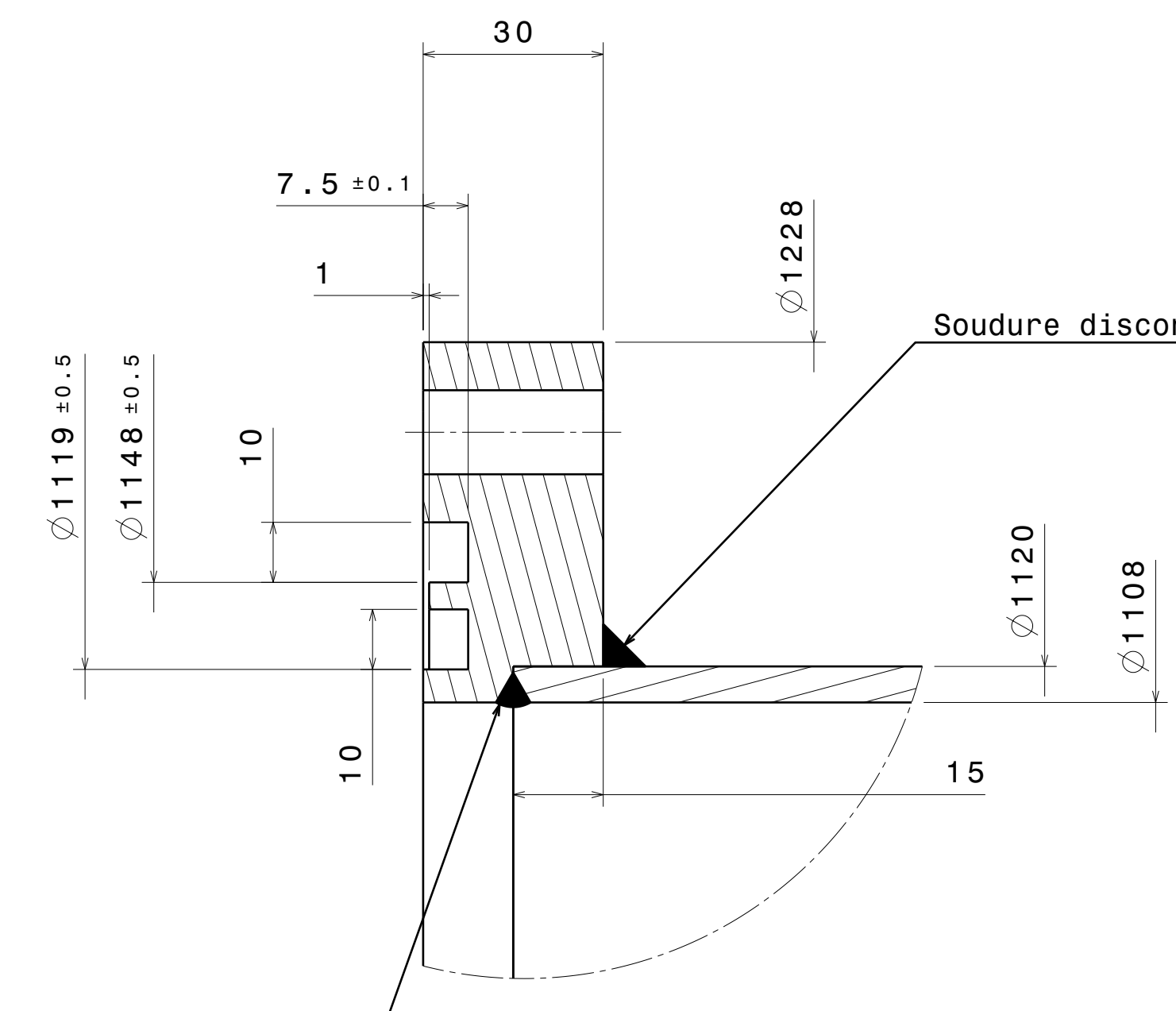
Vue de face  
Echelle : 1:5

Vue de gauche  
Echelle : 1:5

0,5 mm/m  
Valable pour les surfaces des 4 pieds

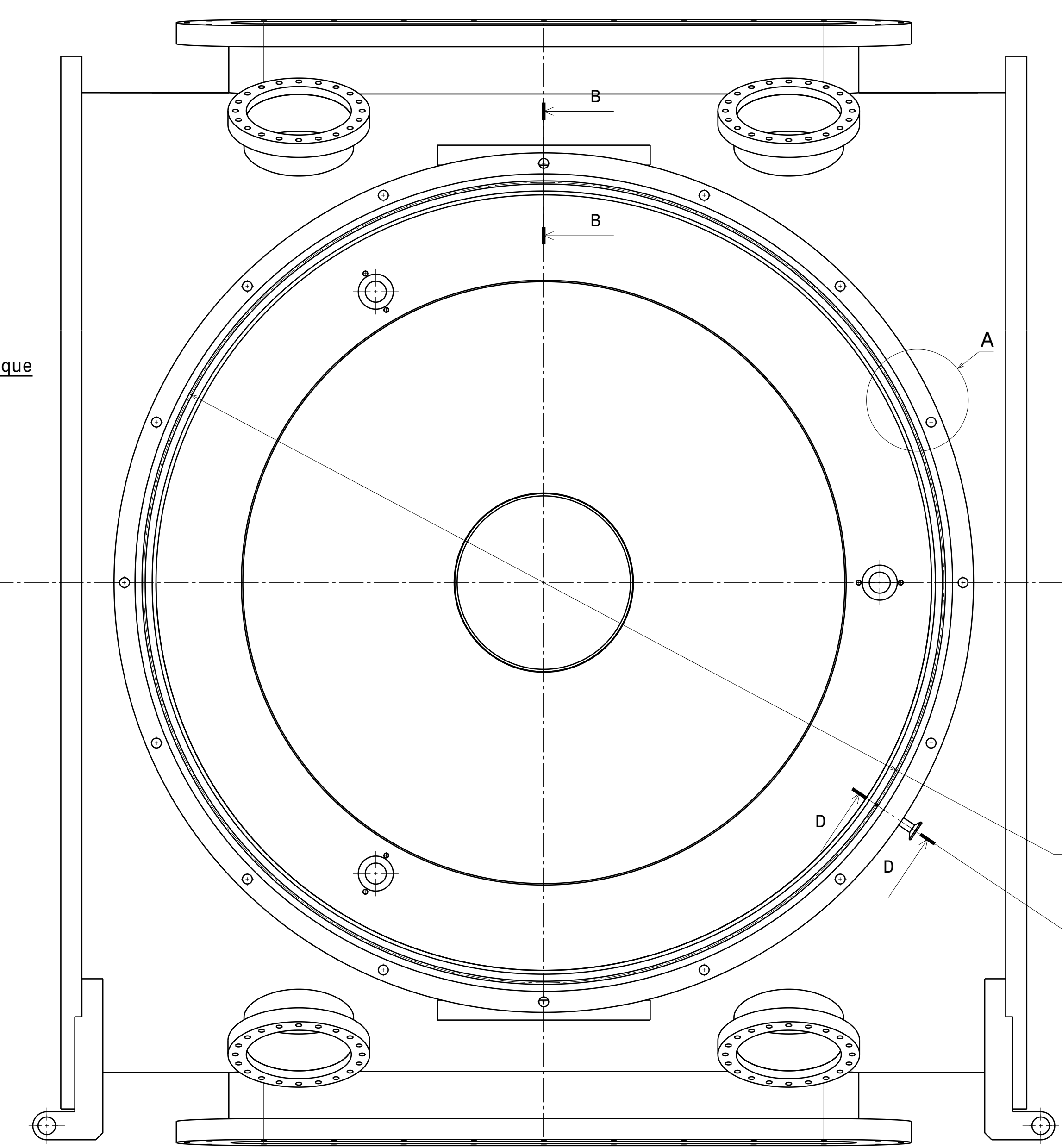


Détail A  
Echelle : 1:1

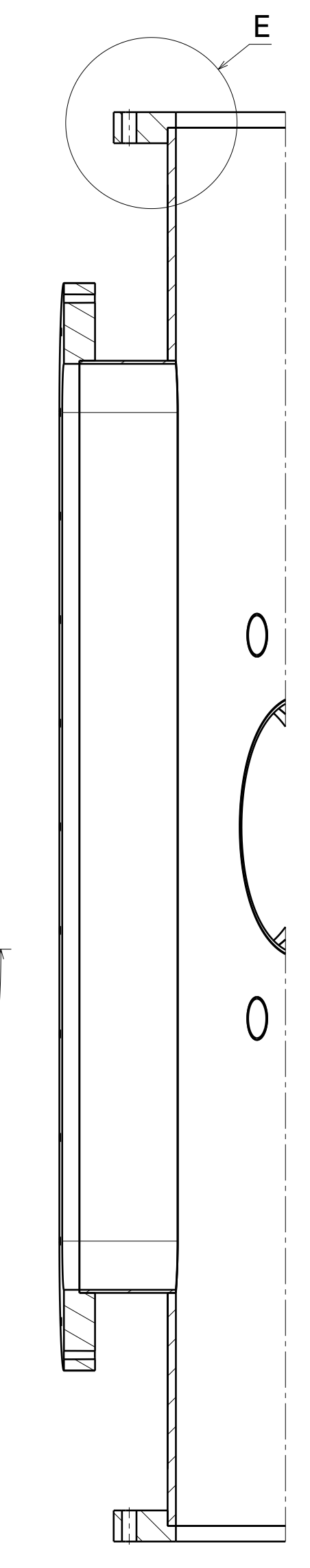


Coupe B-B  
Echelle : 1:1

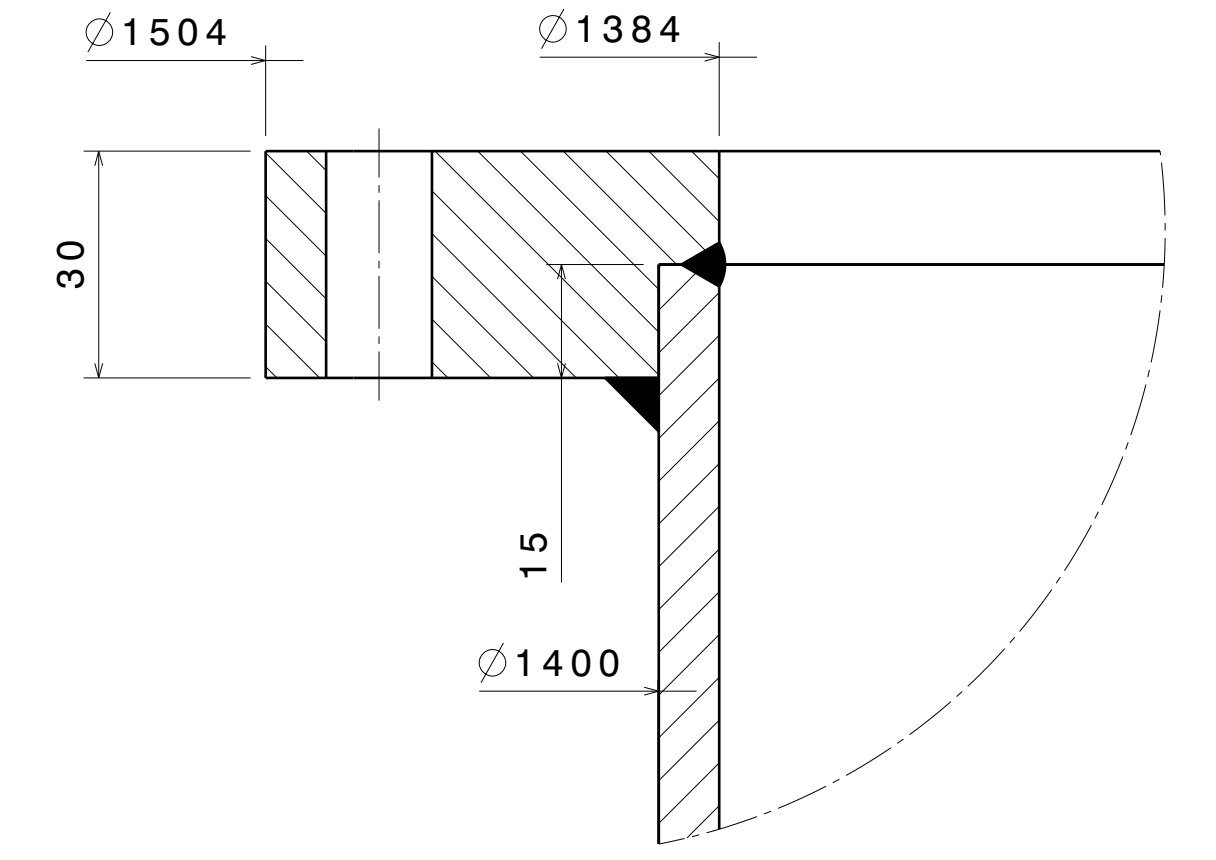
Soudure continue étanche au vide



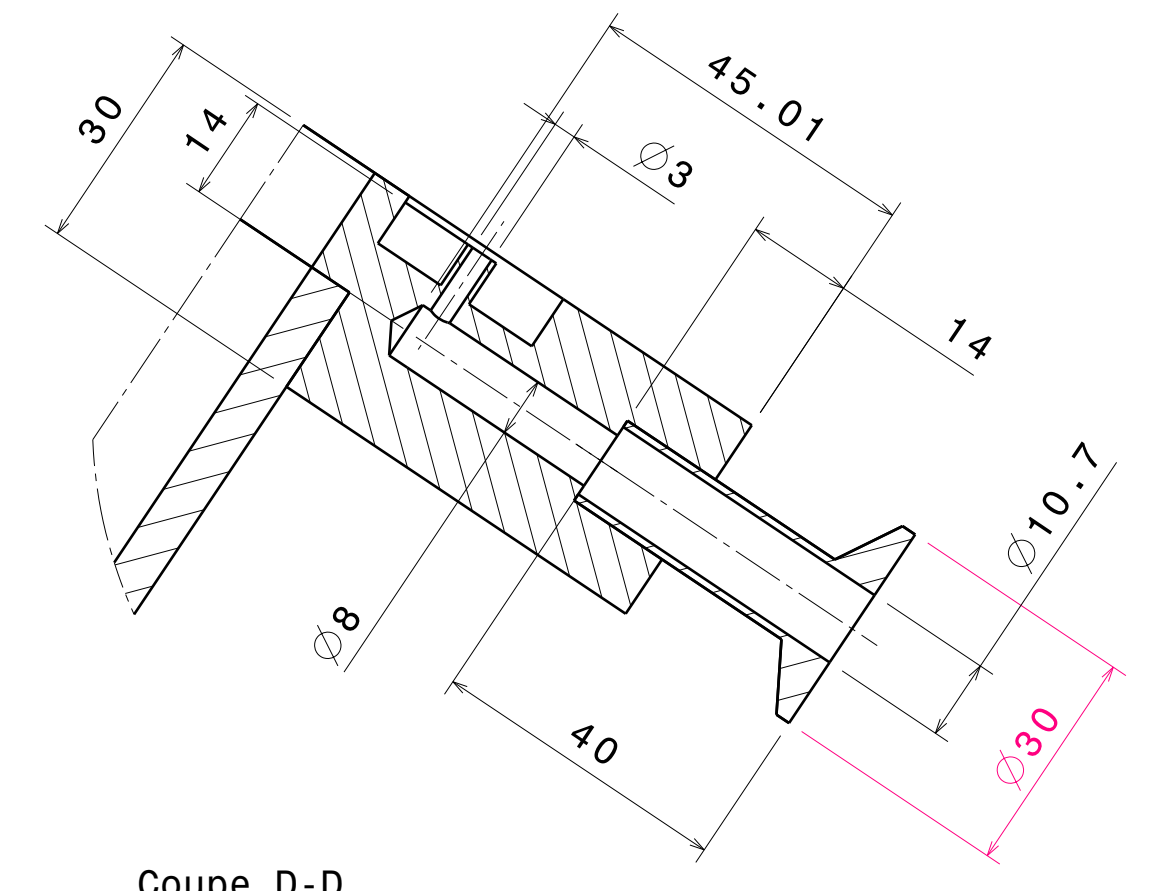
Vue de dessus  
Echelle : 1:5



Coupe C-C  
Echelle : 1:5



Détail E  
Echelle : 1:1

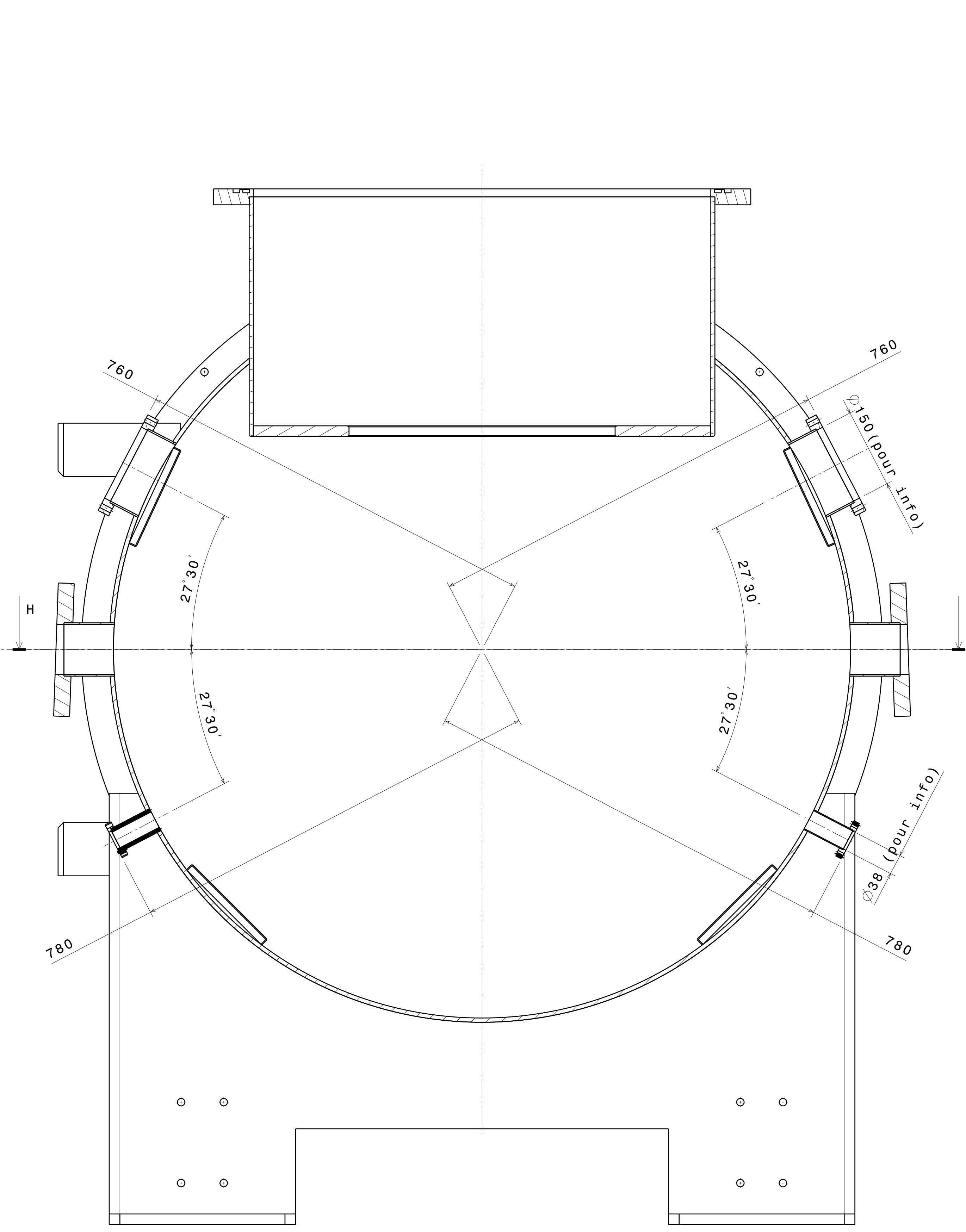


Coupe D-D  
Echelle : 1:1

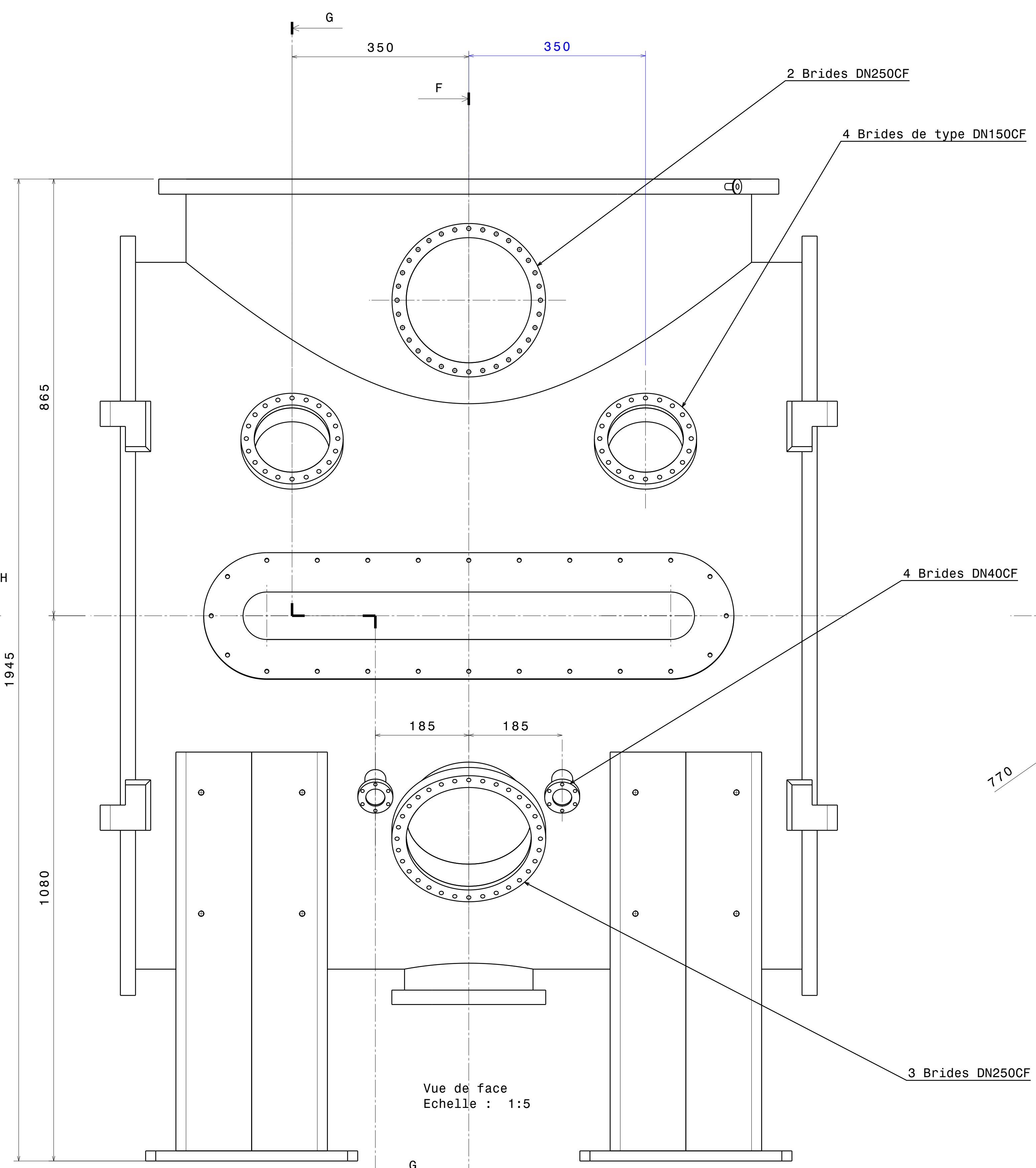
Les soudures internes doivent être meulées et présenter un aspect lisse pour faciliter le nettoyage.

Tous les angles vifs doivent être chanfreinés.

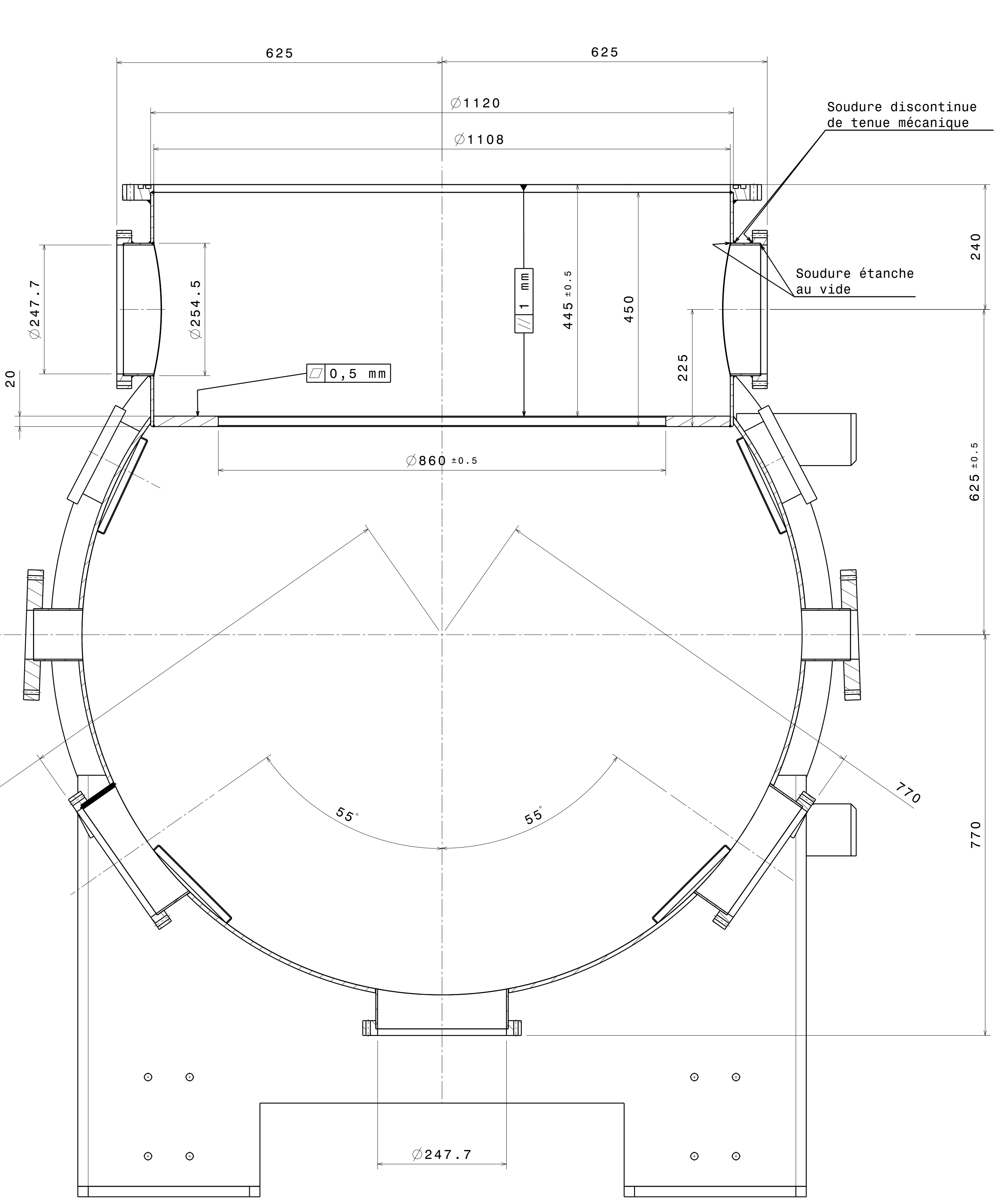
Modification		Author	Date
Material:	304L	Ra:	6.3
Project:	064 VIRGO	Tol:	ISO 2768 mK
Experiment:	01 MT Detection	Mass:	1110 Kg
Set:	000Mini tour	Qty:	1
Nonencl:		Dims:	mm
Date:	2013 March 27	Scale:	1/5 ; 1/1
Laboratoire d'Anney-Le-Vieux de Physique des Particules		bruno.lieunard@lapp.in2p3.fr	
BP 110, F-74941 Anney-Le-Vieux CEDEX		Fax +33 4 50 27 94 95	
		Ph +33 4 50 09 55 80	
MINI-TOUR Detection 1/4			064 01 001 A



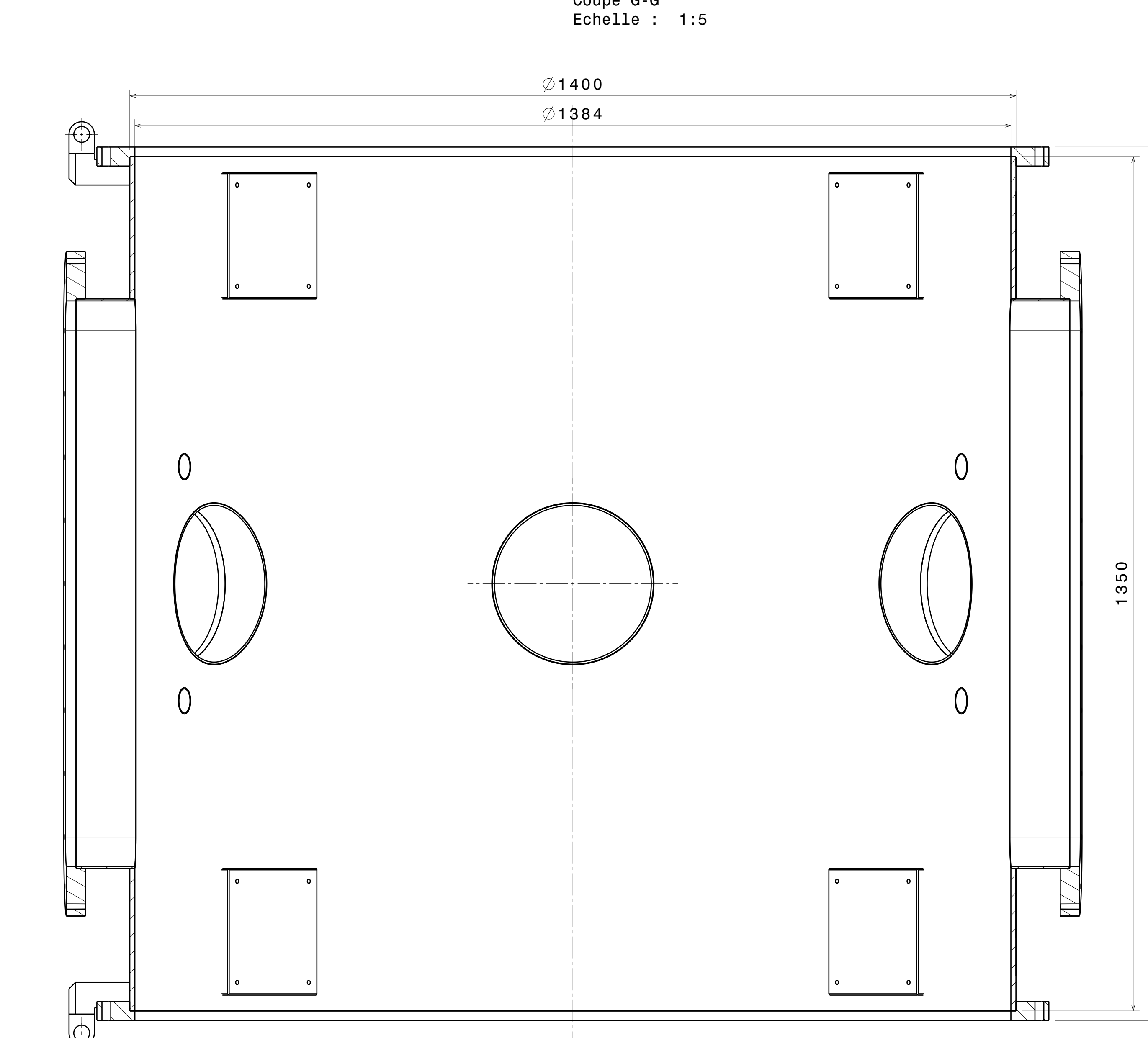
Coupe G-G  
Echelle : 1:5



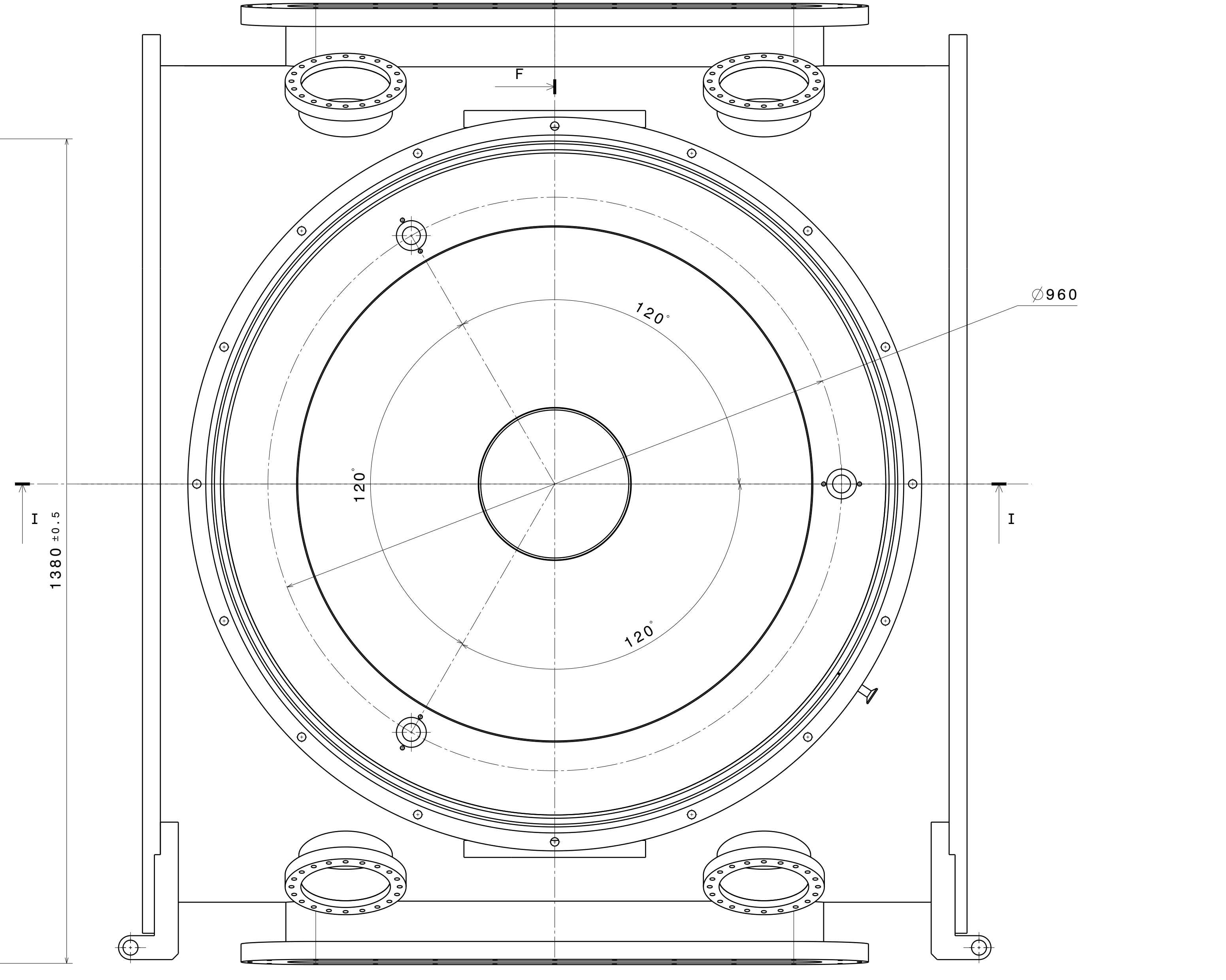
Vue de face  
Echelle : 1:5



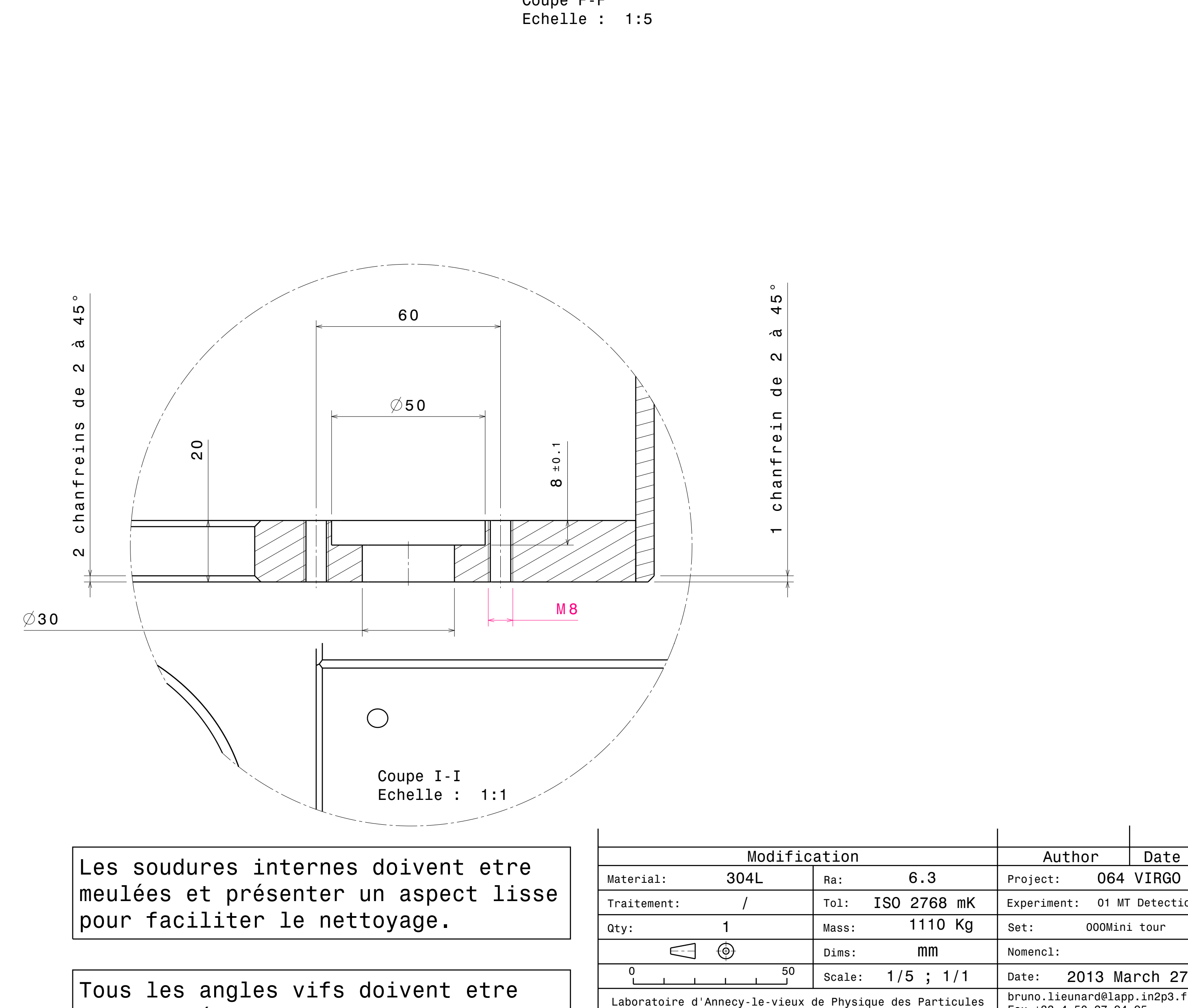
Coupe F-F  
Echelle : 1:5



Coupe H-H  
Echelle : 1:5



Vue de dessus  
Echelle : 1:5

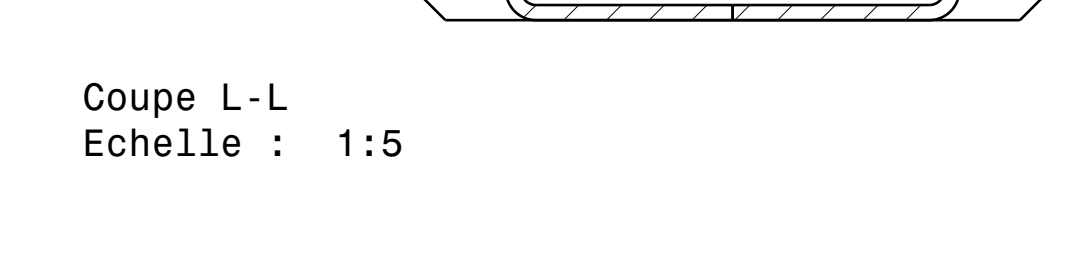
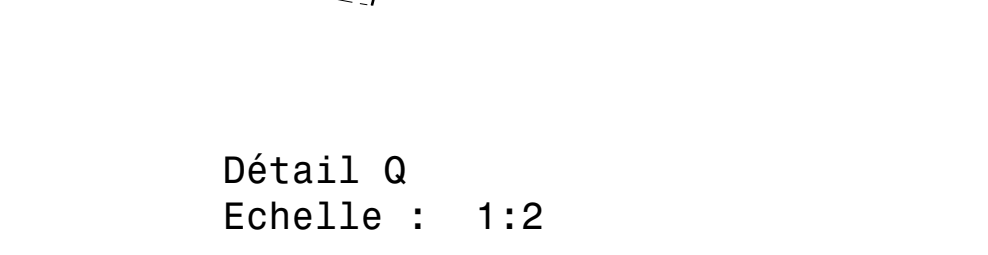
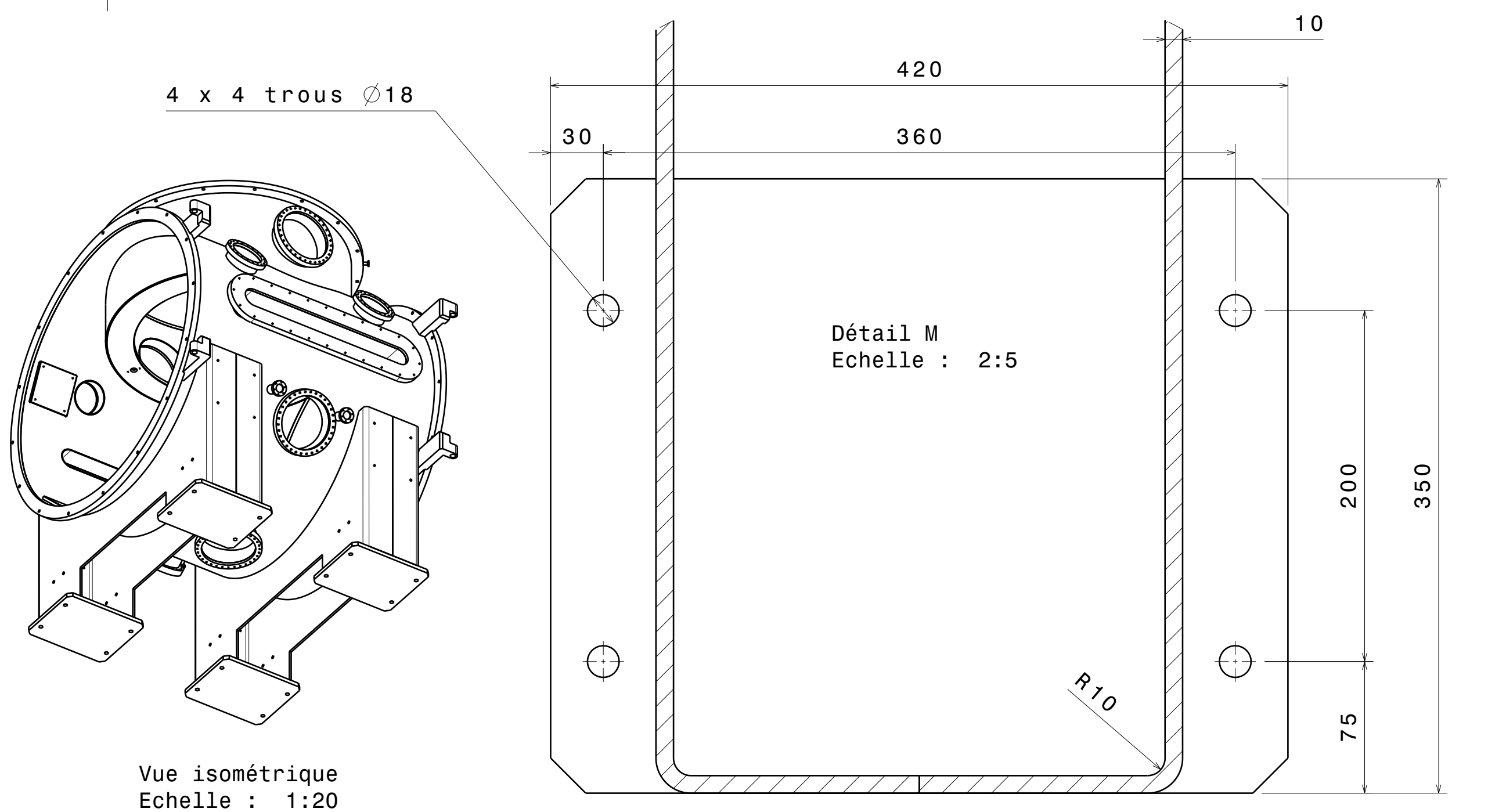
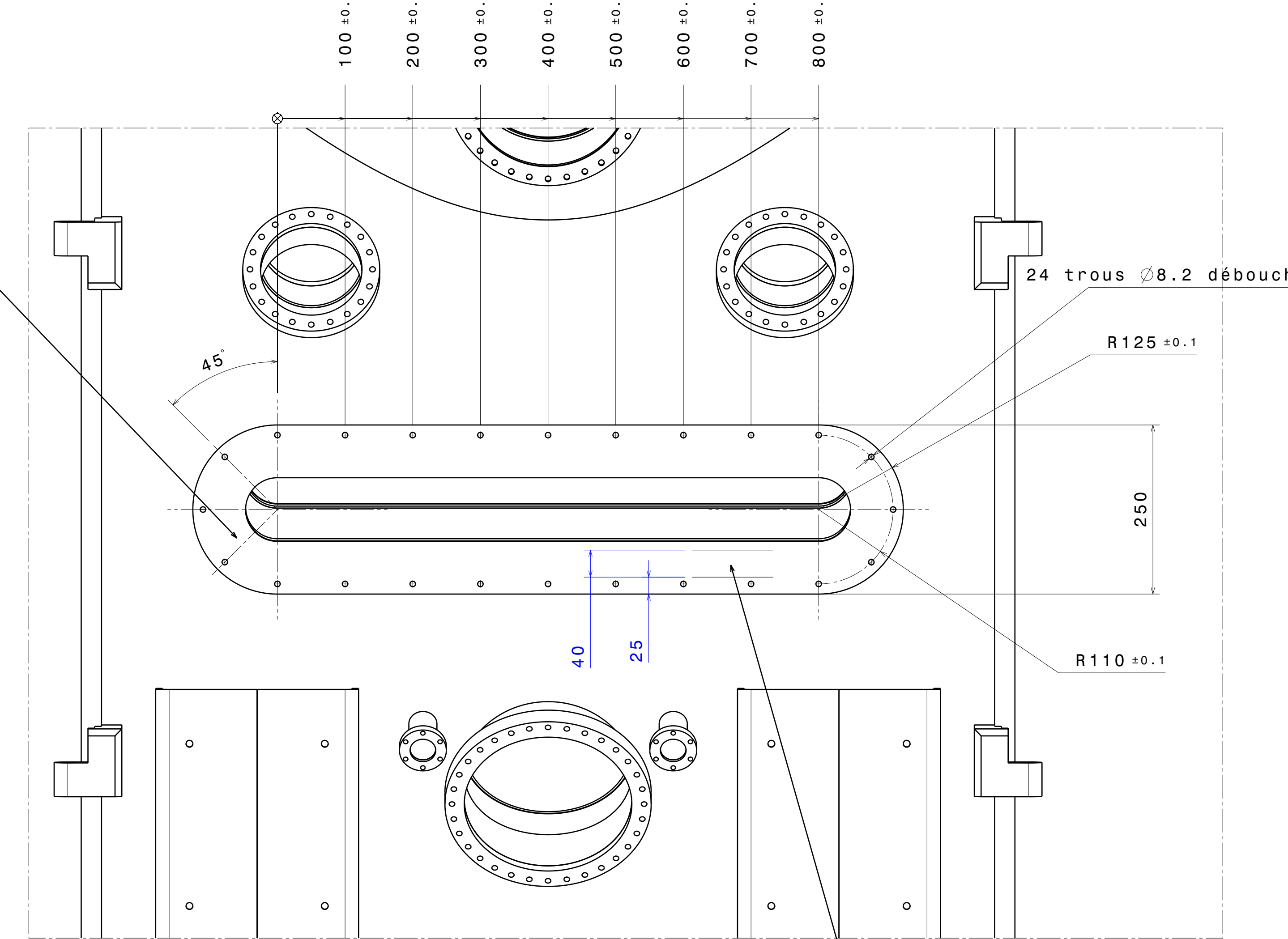
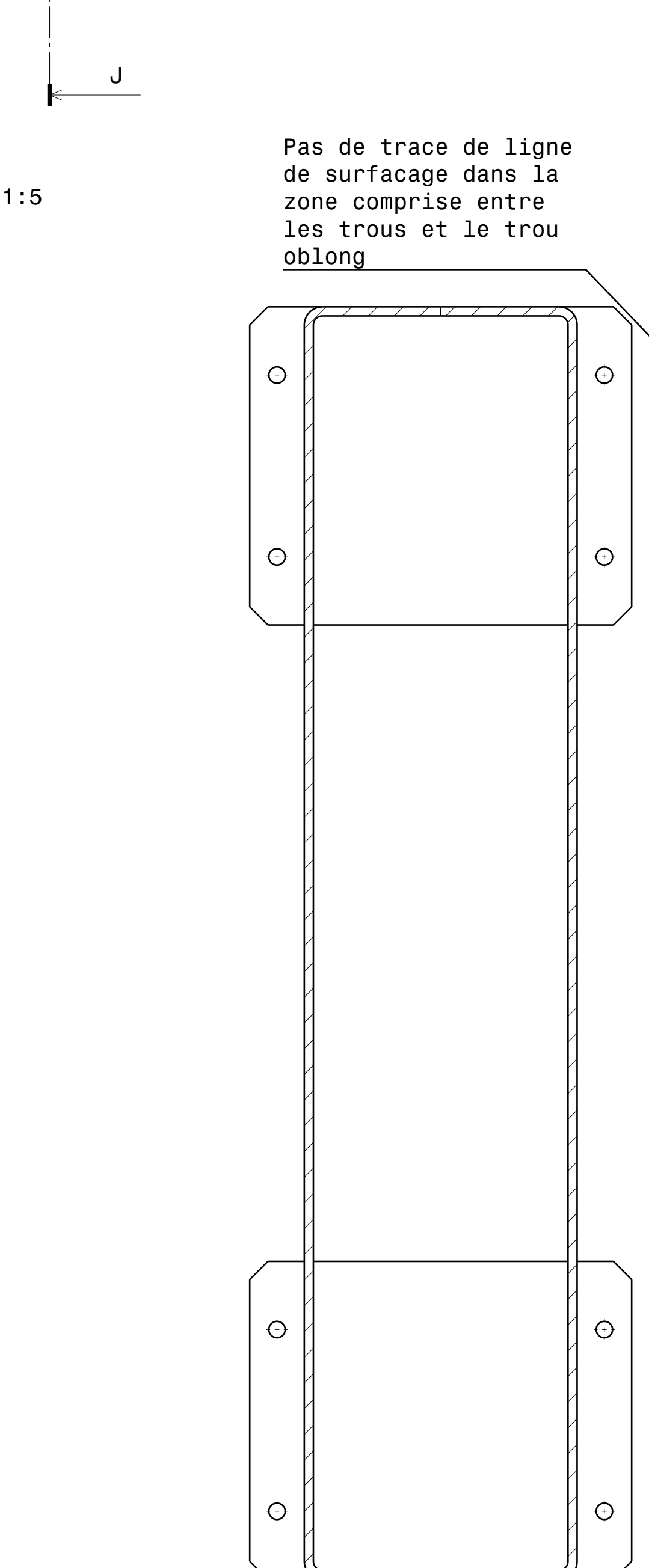
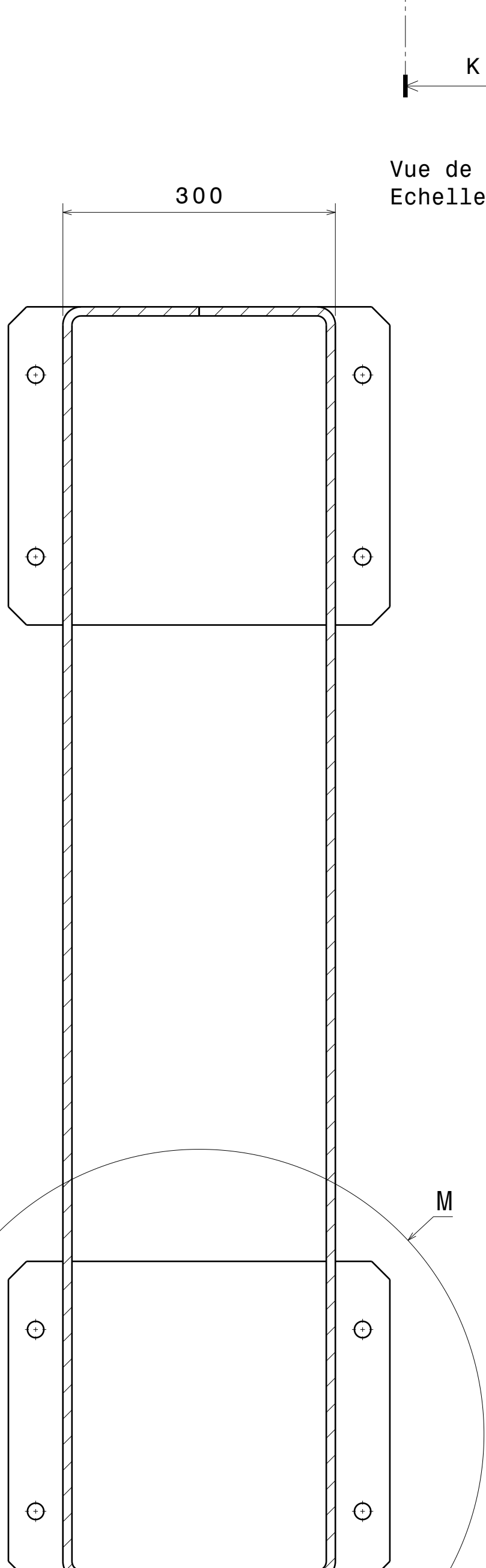
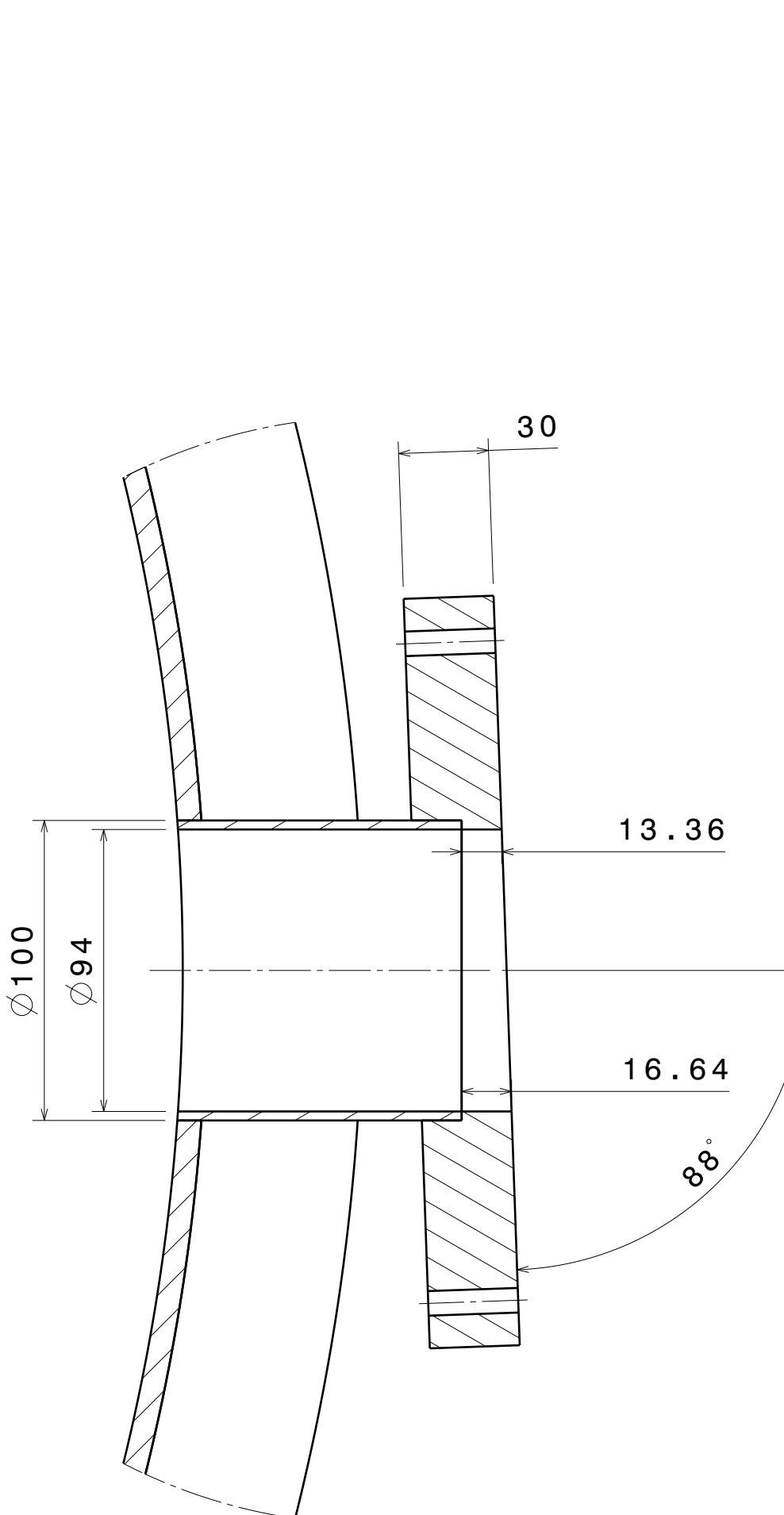
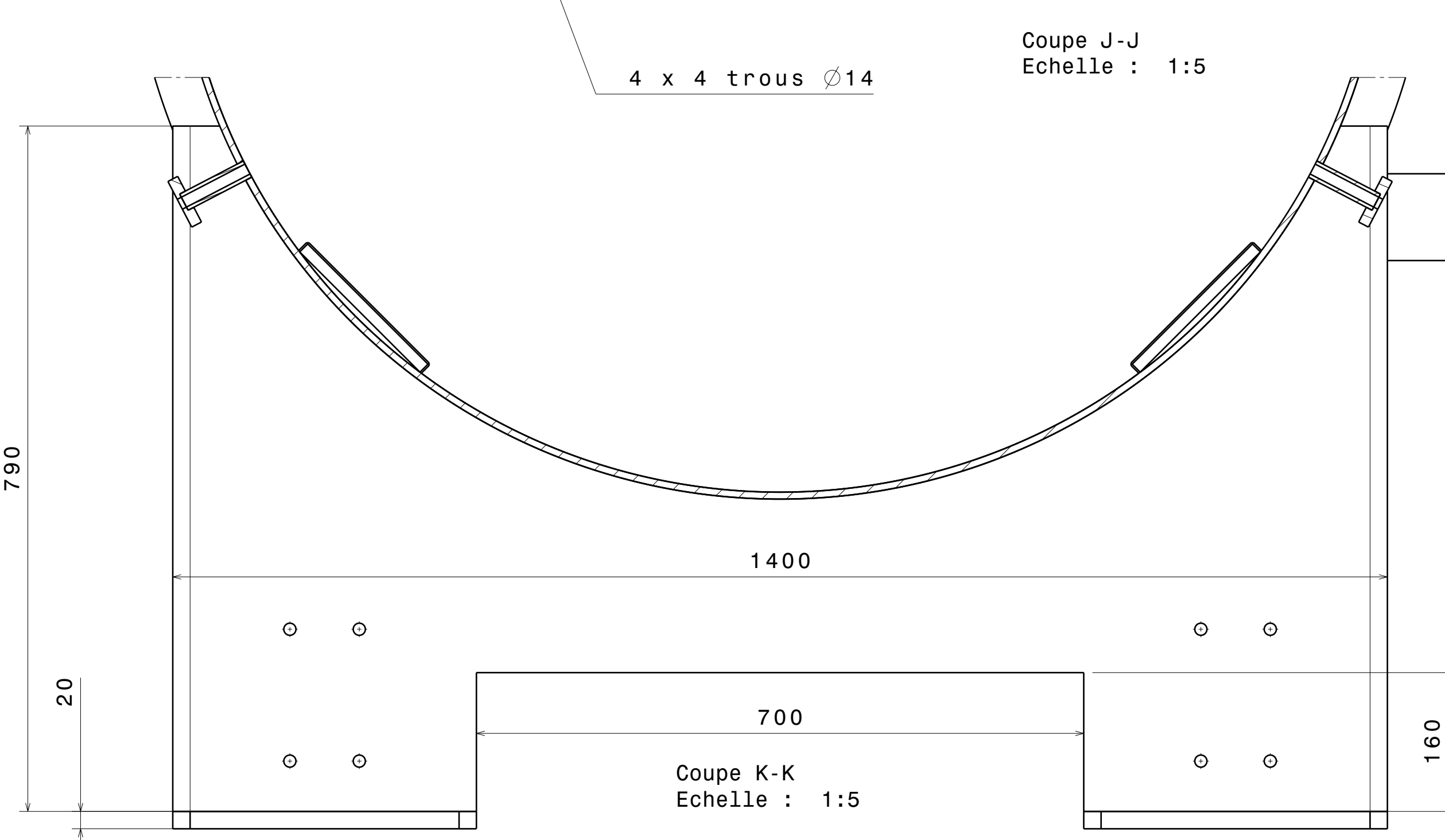
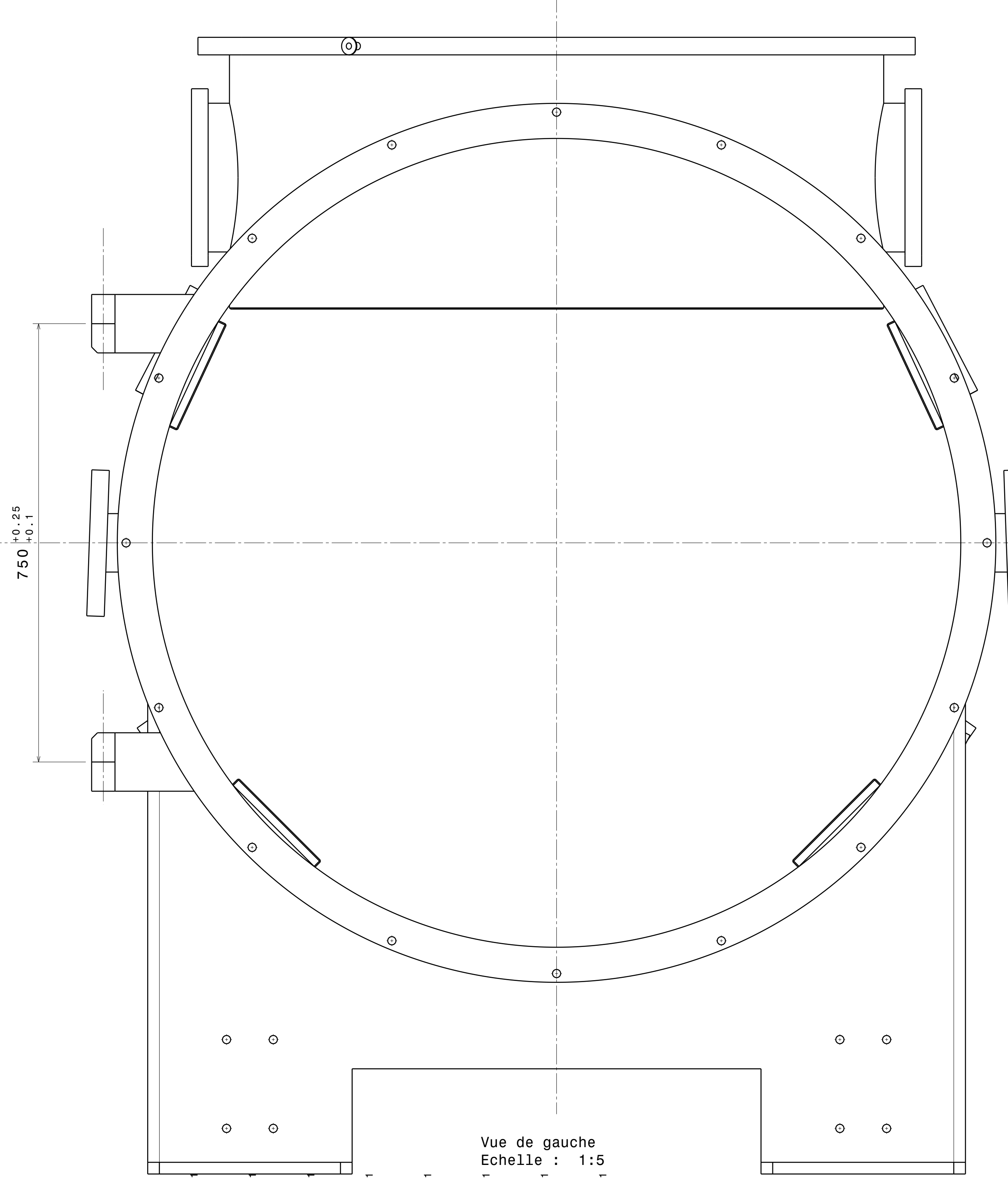
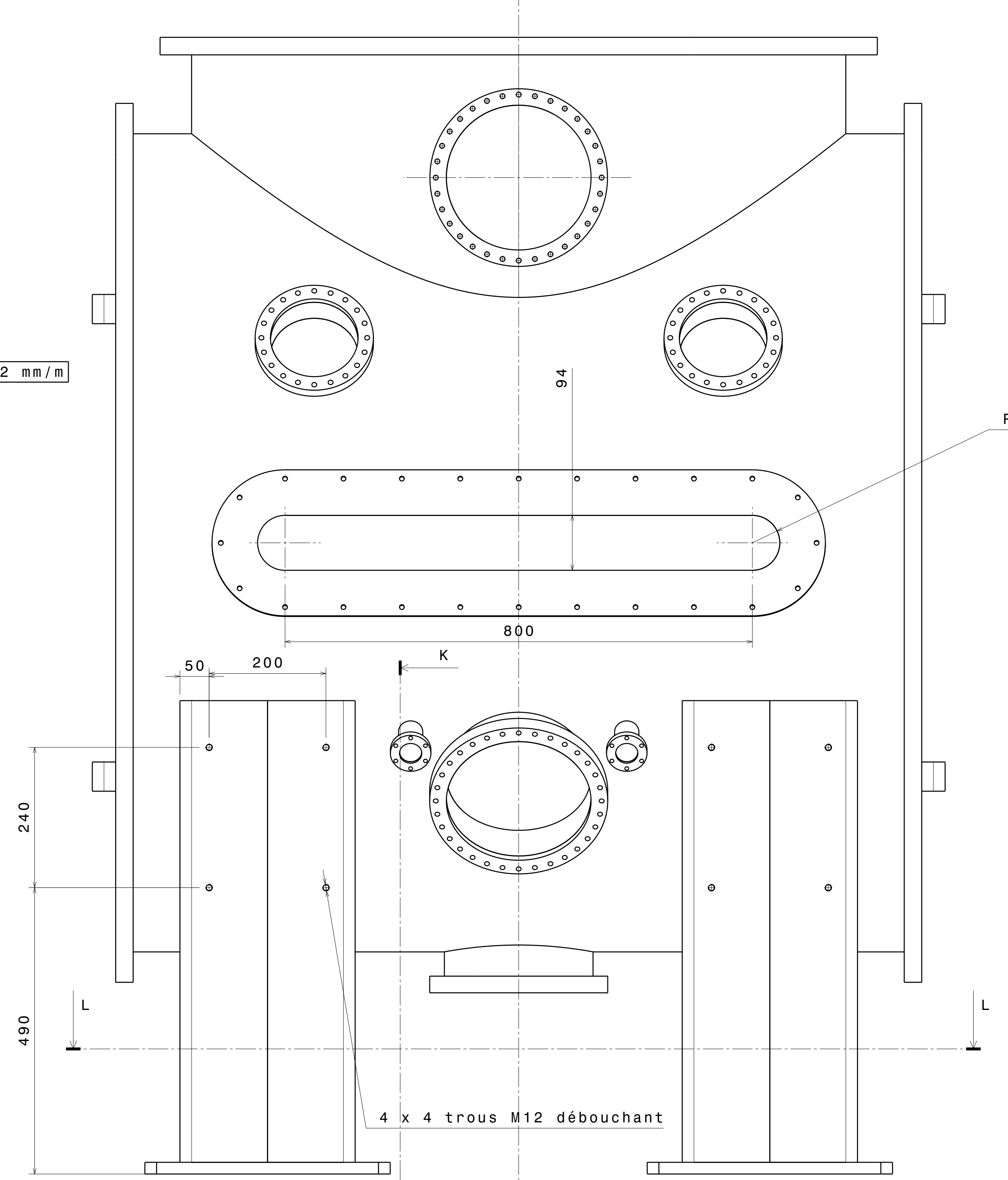
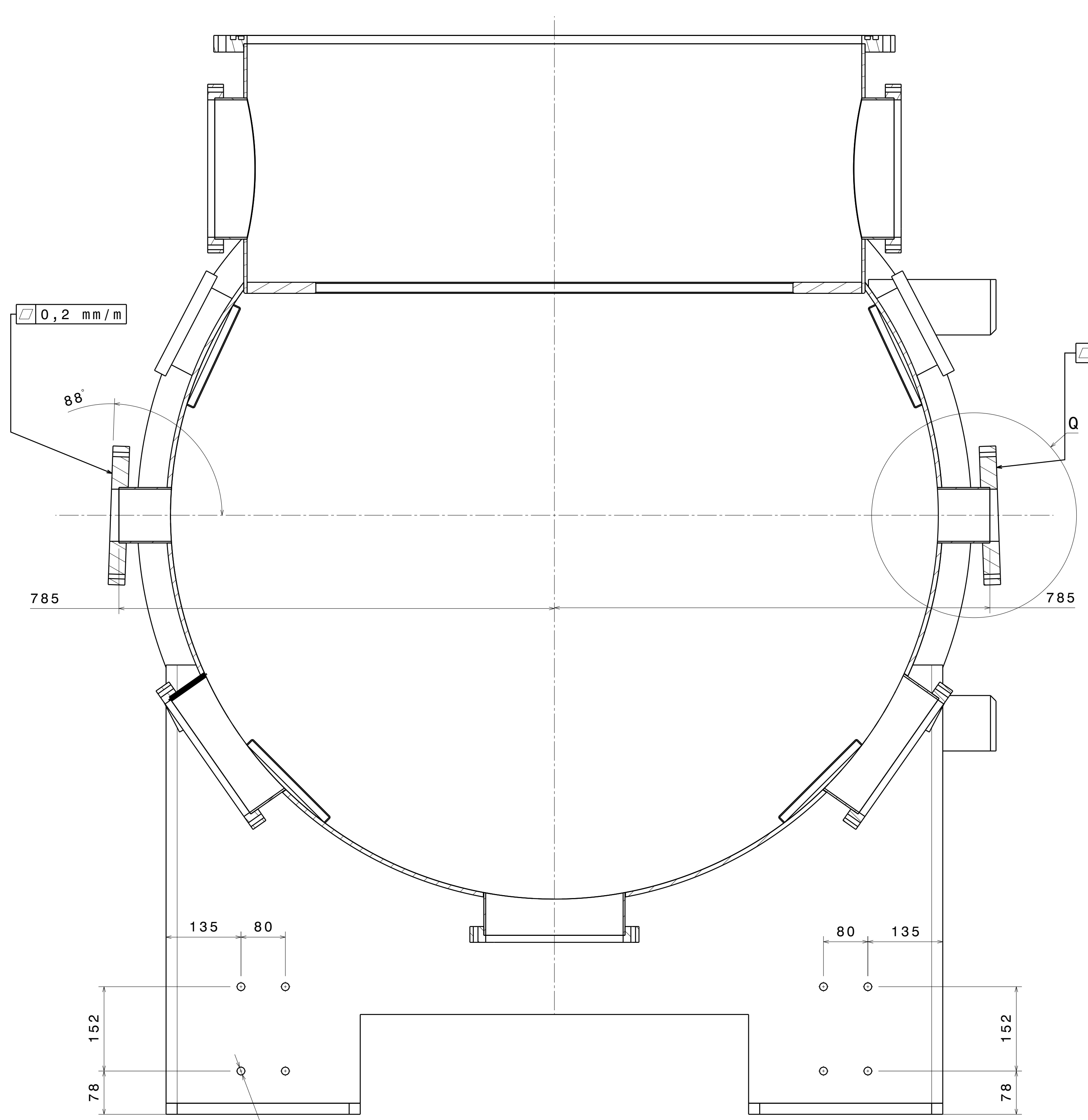


Coupe I-I  
Echelle : 1:1

Les soudures internes doivent être meulées et présenter un aspect lisse pour faciliter le nettoyage.

Tous les angles vifs doivent être chanfreinés.

Modification		Author	Date
Material: 304L	Ra: 6.3	Project: 064 VIRGO	
Traitement: /	Tol: ISO 2768 mK	Experiment: 01 MT Detection	
Qty: 1	Mass: 1110 Kg	Set: 000Mini tour	
Dims: mm		Nomencl: /	
Scale: 1/5 ; 1/1		Date: 2013 March 27	
Laboratoire d'Annecy-le-Vieux de Physique des Particules		bruno.lieunard@lapp.in2p3.fr	
BP 110, F-74941 Annecy-Le-Vieux CEDEX		Fax +33 4 50 27 94 95	
		Ph +33 4 50 09 55 80	
MINI-TOUR Detection 2/4			064 01 001 A



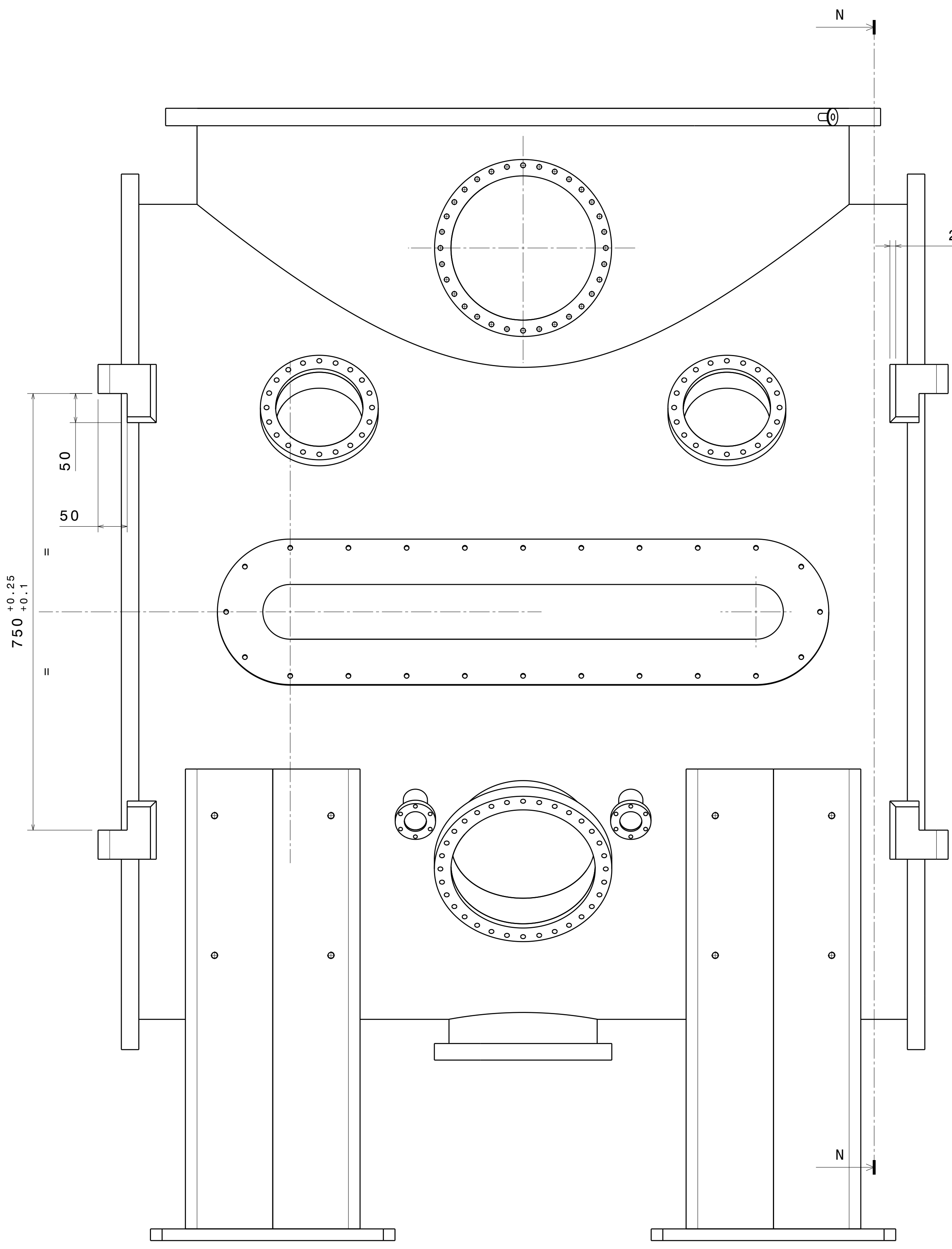
Les soudures internes doivent être meulées et présenter un aspect lisse pour faciliter le nettoyage.  
Tous les angles vifs doivent être chanfreinés.

Vue de face  
Echelle : 1:5

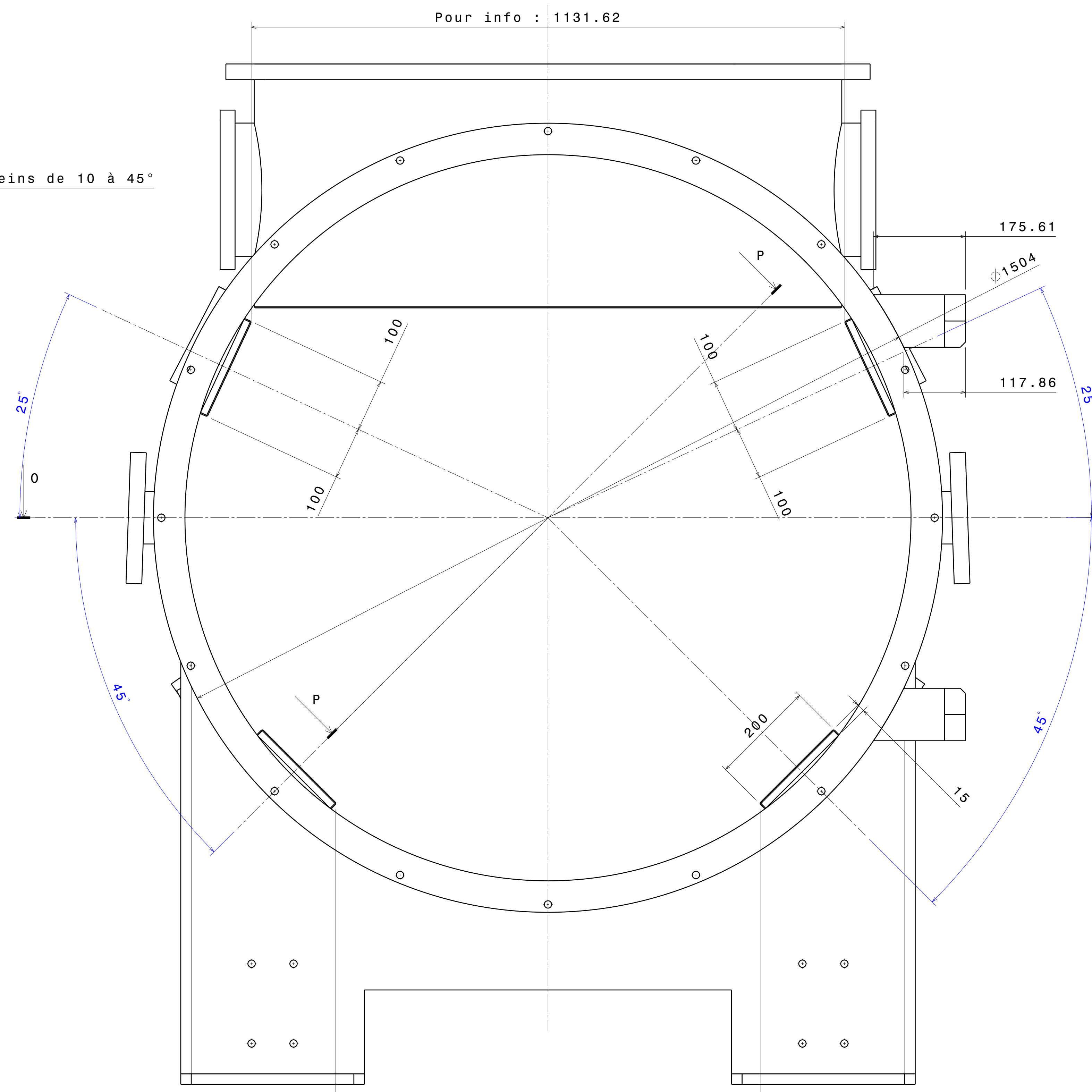
Pas de trace de recouvrement d'outil lors du fraisage car surface d'appui de joint

Modification		Author	Date
Material:	304L	Ra: 6.3	Project: 064 VIRGO
Traitement:	/	Tol: ISO 2768 mK	Experiment: 01 MT Detection
Qty:	1	Mass: 1110 Kg	Set: 000Mini tour
Dims: mm		Nomencl: /	
Scale: 1/5 ; 1/1		Date: 2013 March 27	
Laboratoire d'Amnecy-le-Vieux de Physique des Particules		bruno.lieunard@lapp.in2p3.fr	
BP 110, F-74941 Amnecy-Le-Vieux CEDEX		Fax +33 4 50 27 94 95	
		Ph +33 4 50 09 55 80	
MINI-TOUR Detection 3/4			064 01 001 A

Vue isométrique  
Echelle : 1:20

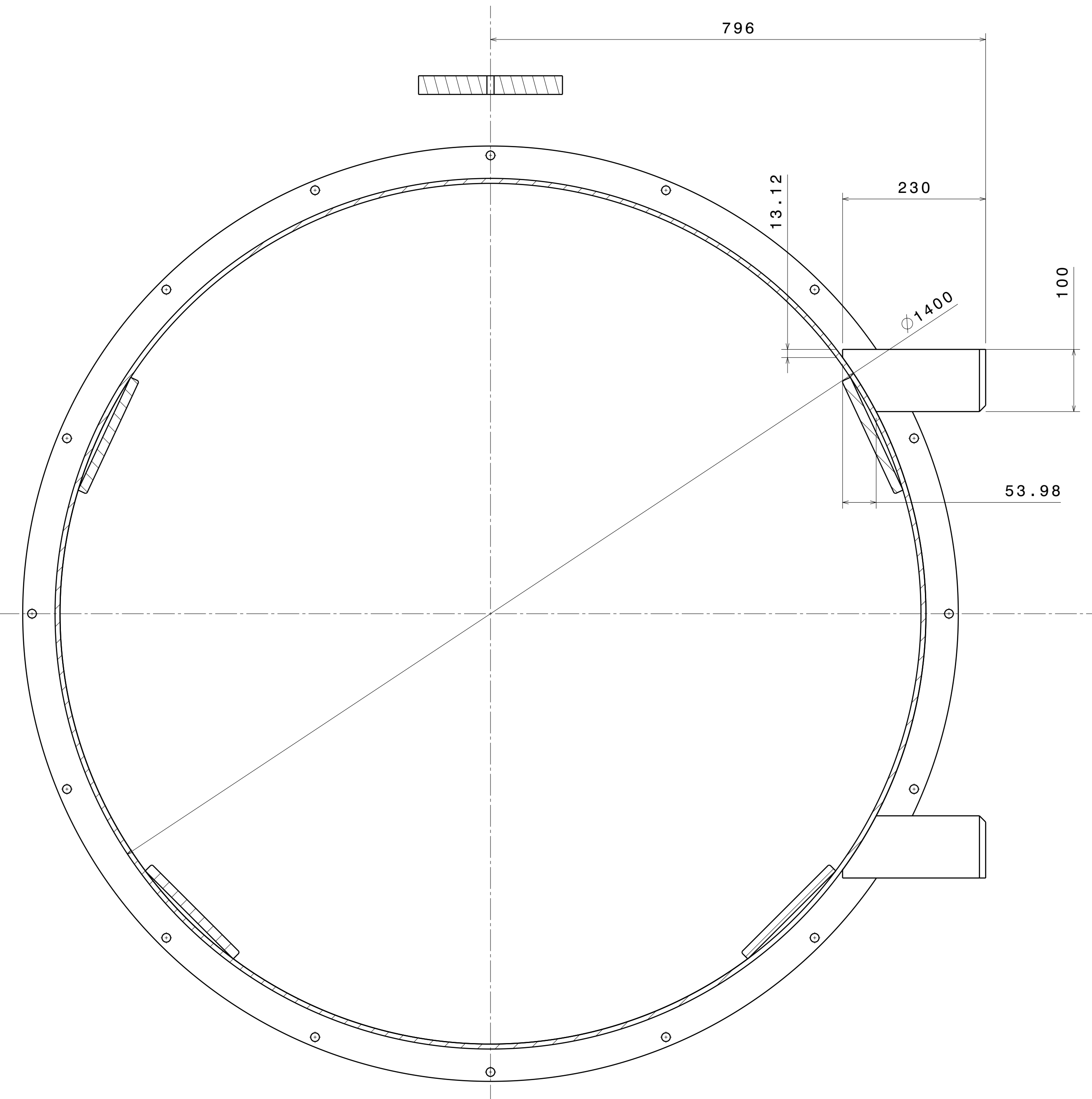


Vue de face  
Echelle : 1:5

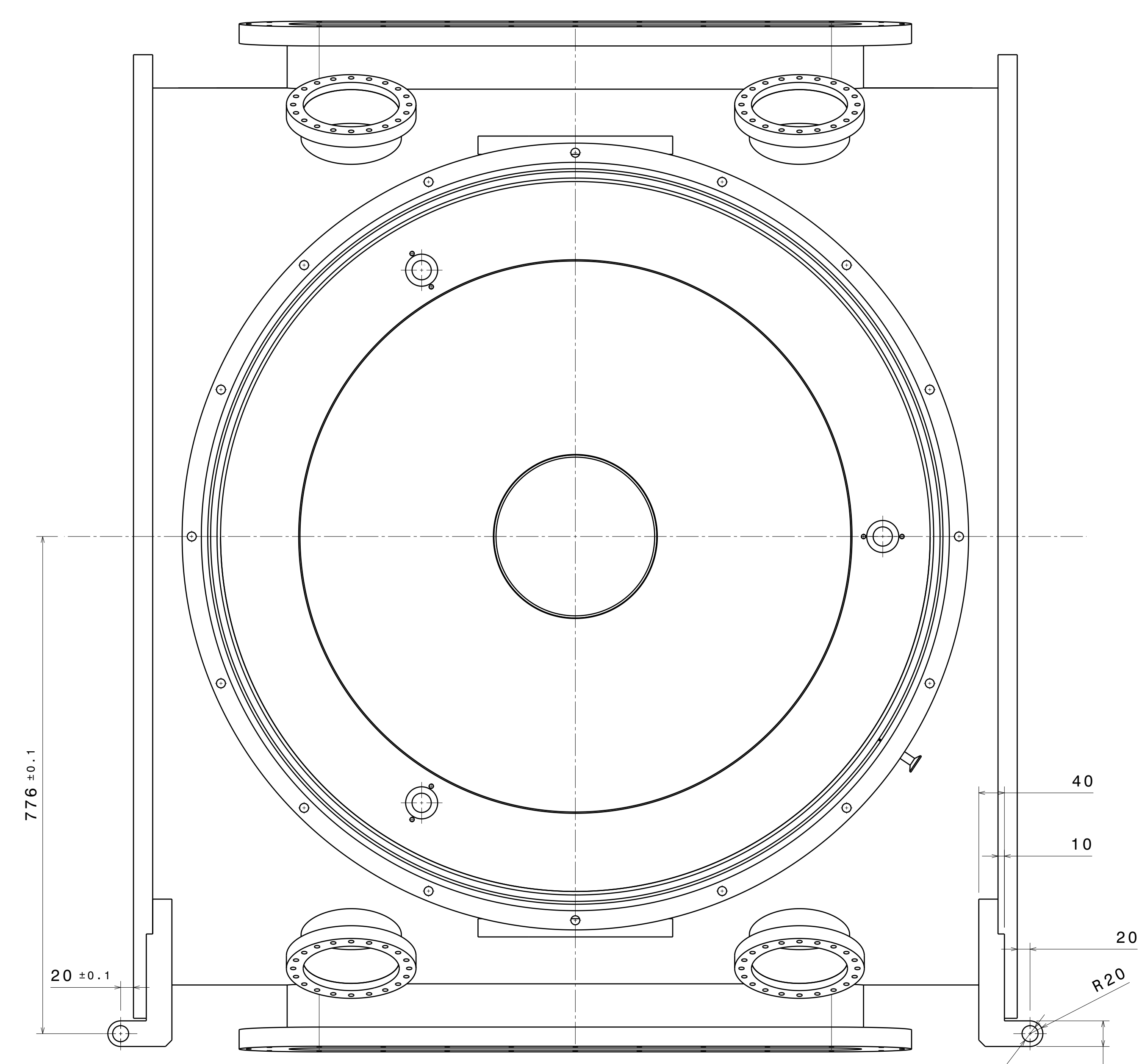


Vue de gauche  
Echelle : 1:5

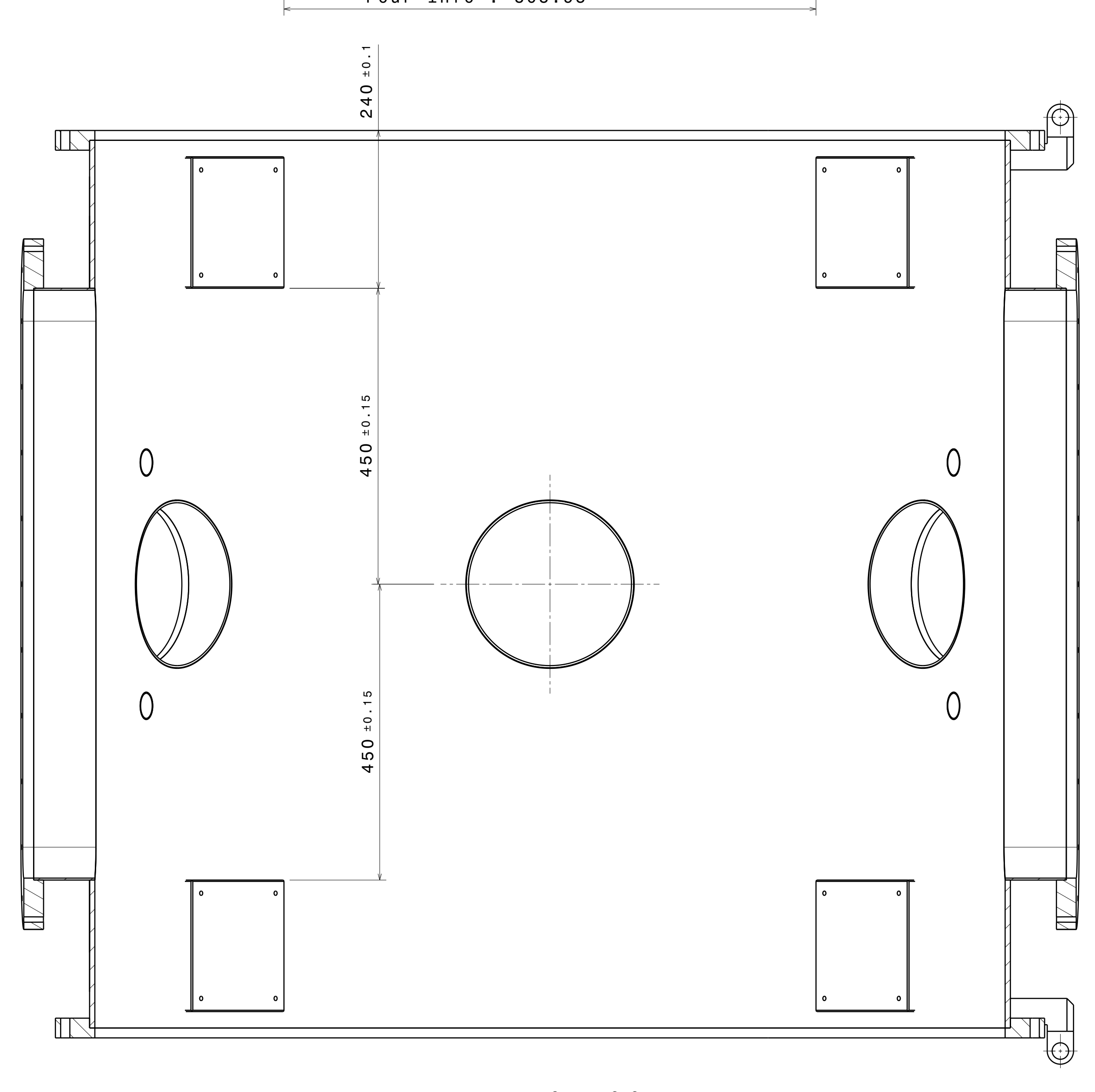
Pour info : 808.93



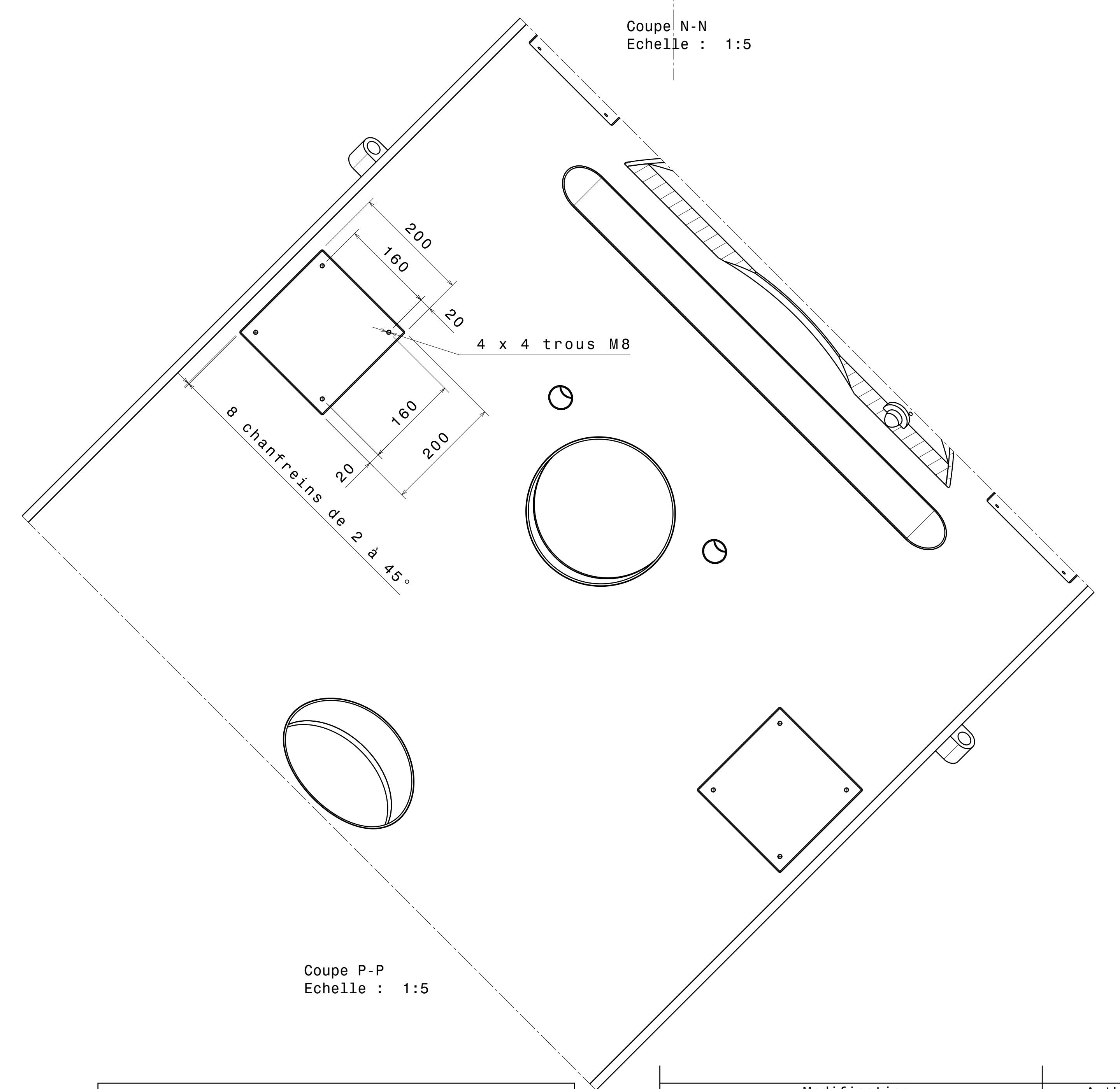
Coupe N-N  
Echelle : 1:5



Vue de dessus  
Echelle : 1:5



Coupe 0-0  
Echelle : 1:5

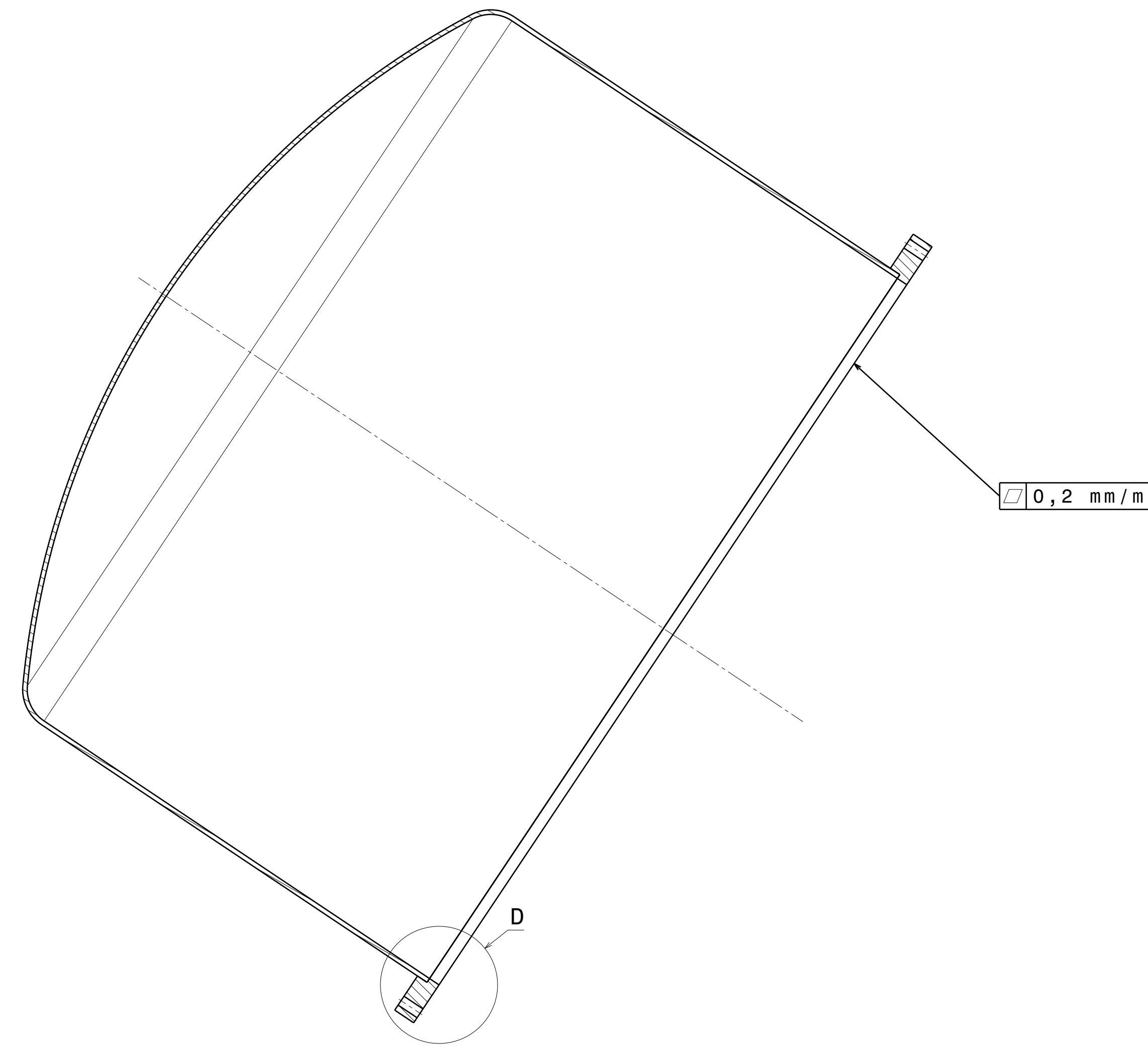
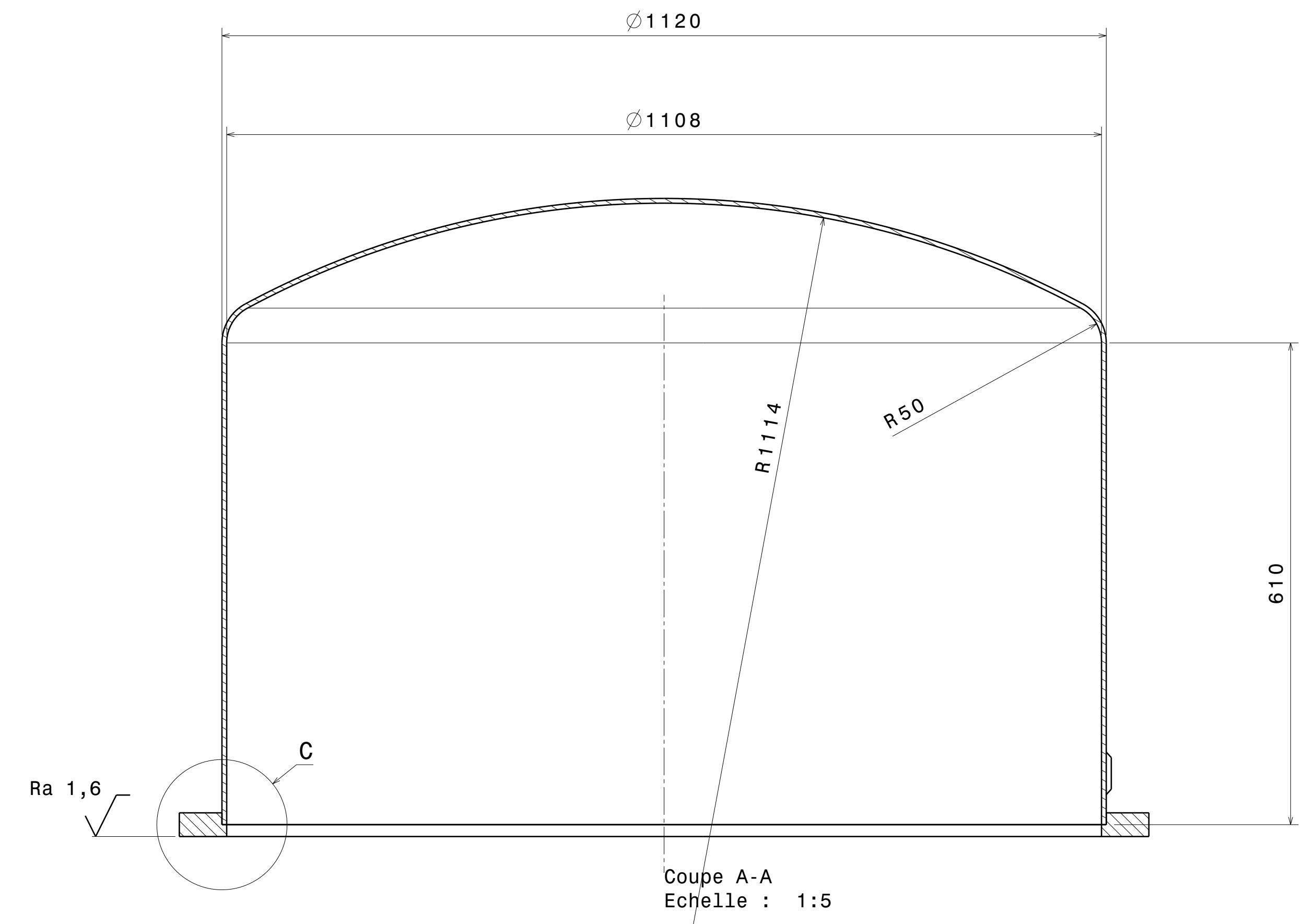
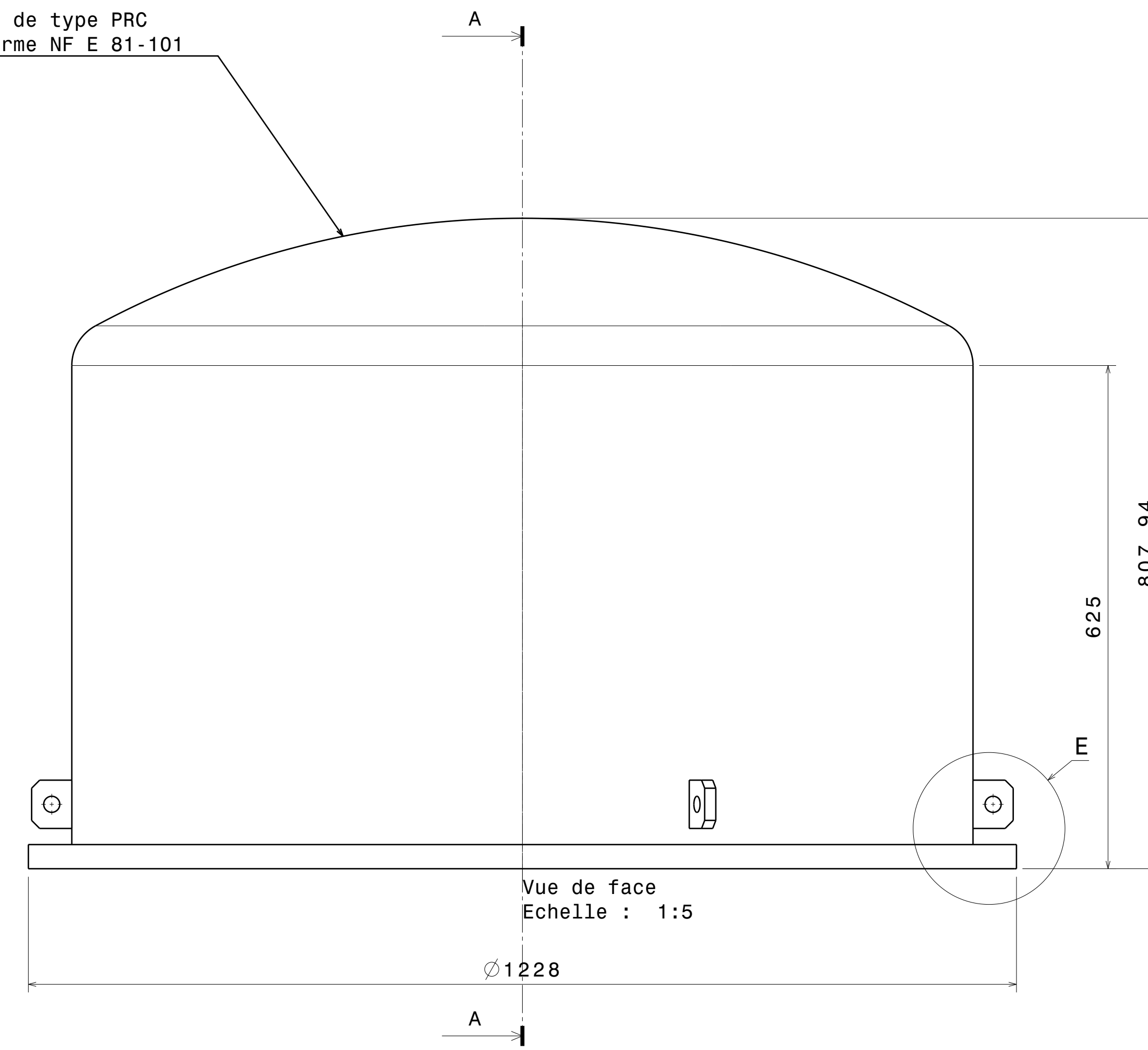


Les soudures internes doivent être meulées et présenter un aspect lisse pour faciliter le nettoyage.

Tous les angles vifs doivent être chanfreinés.

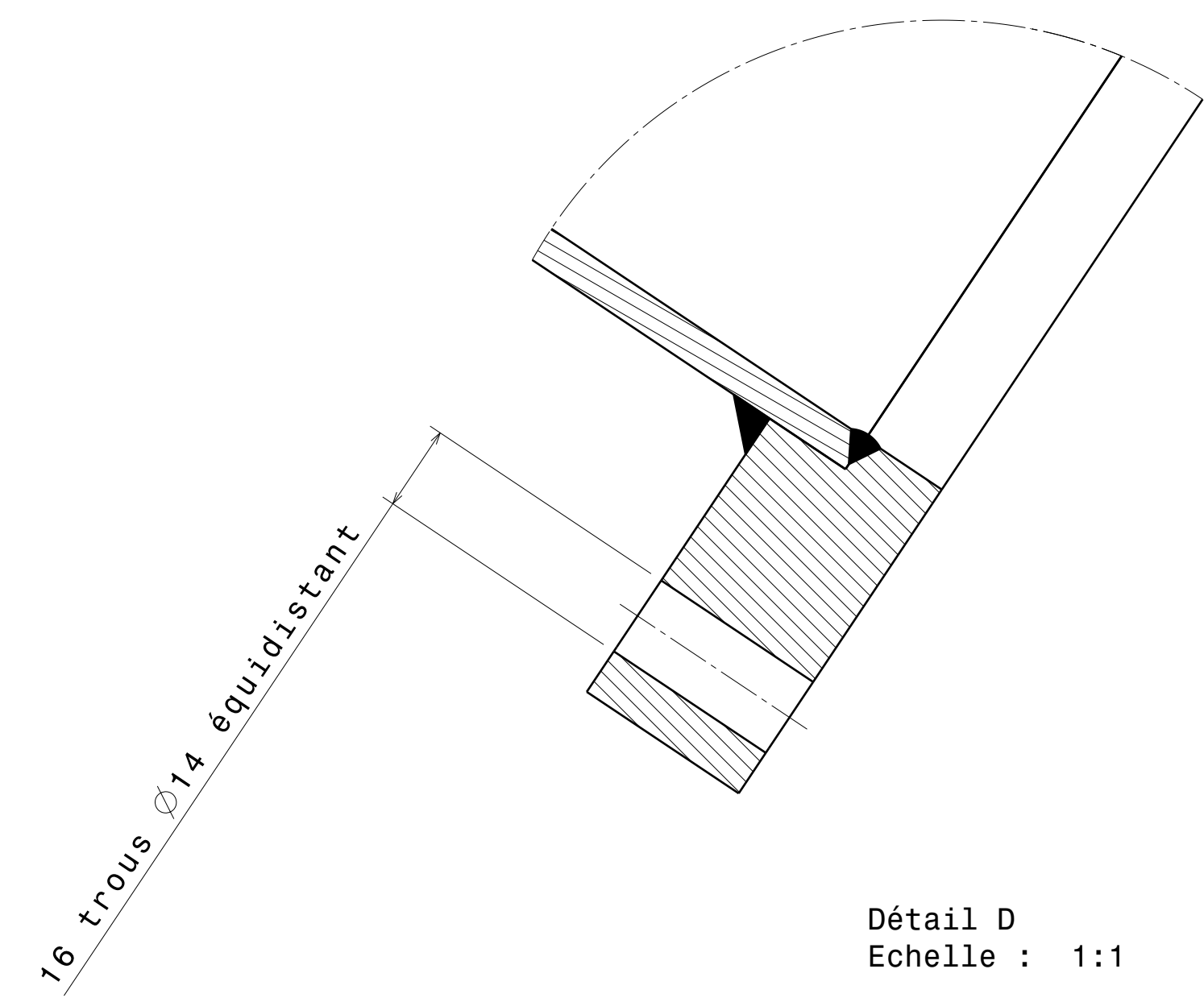
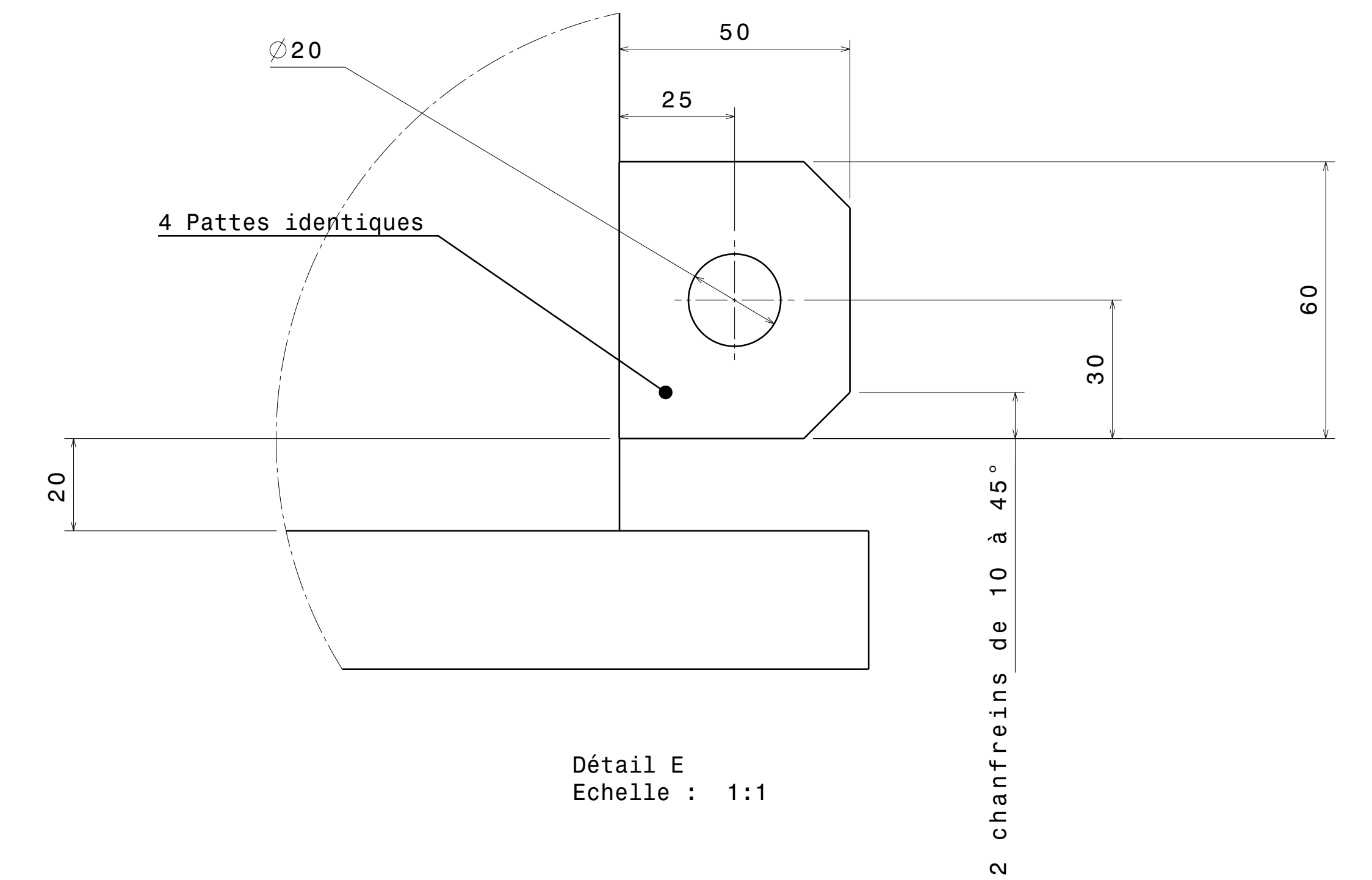
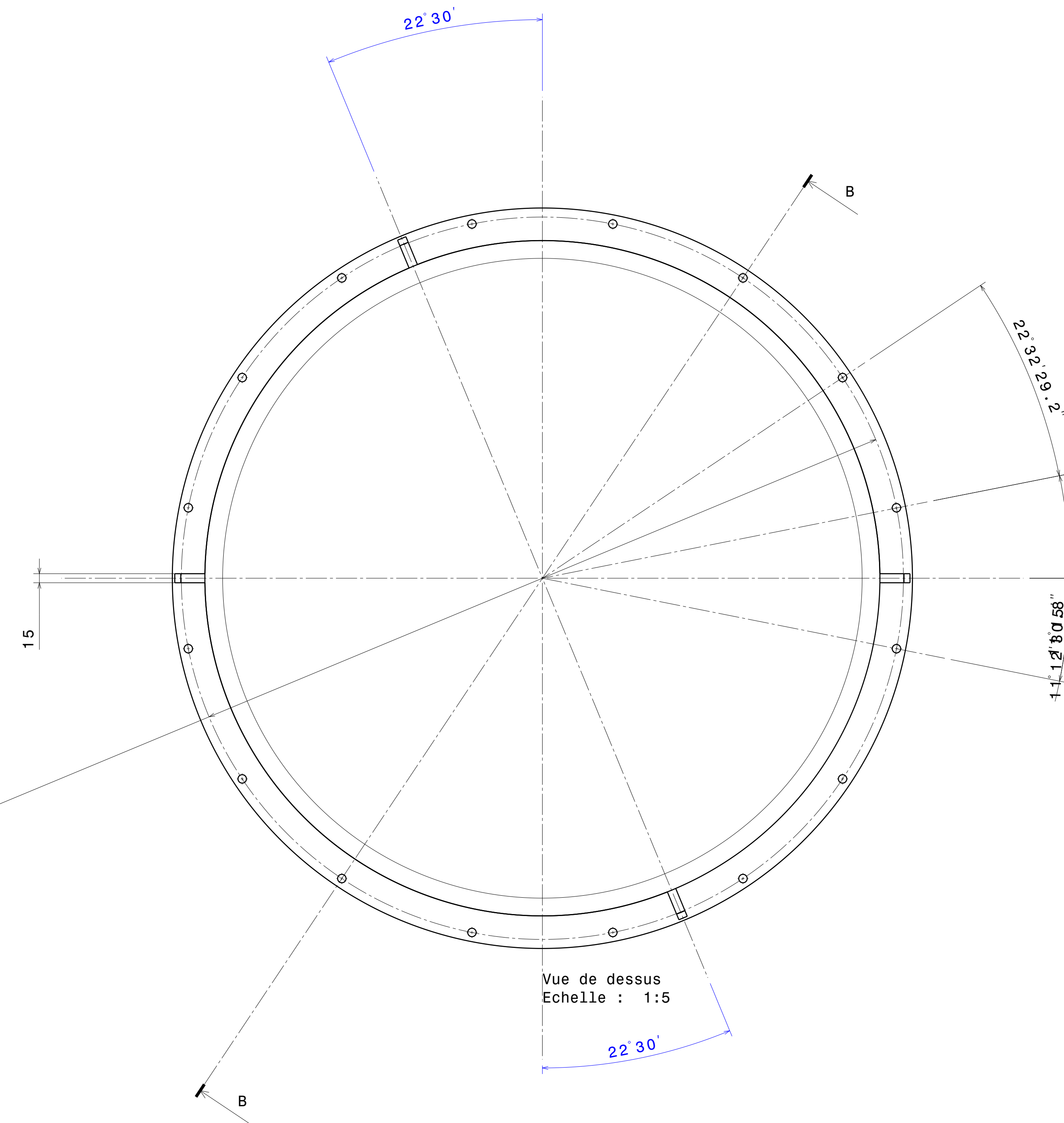
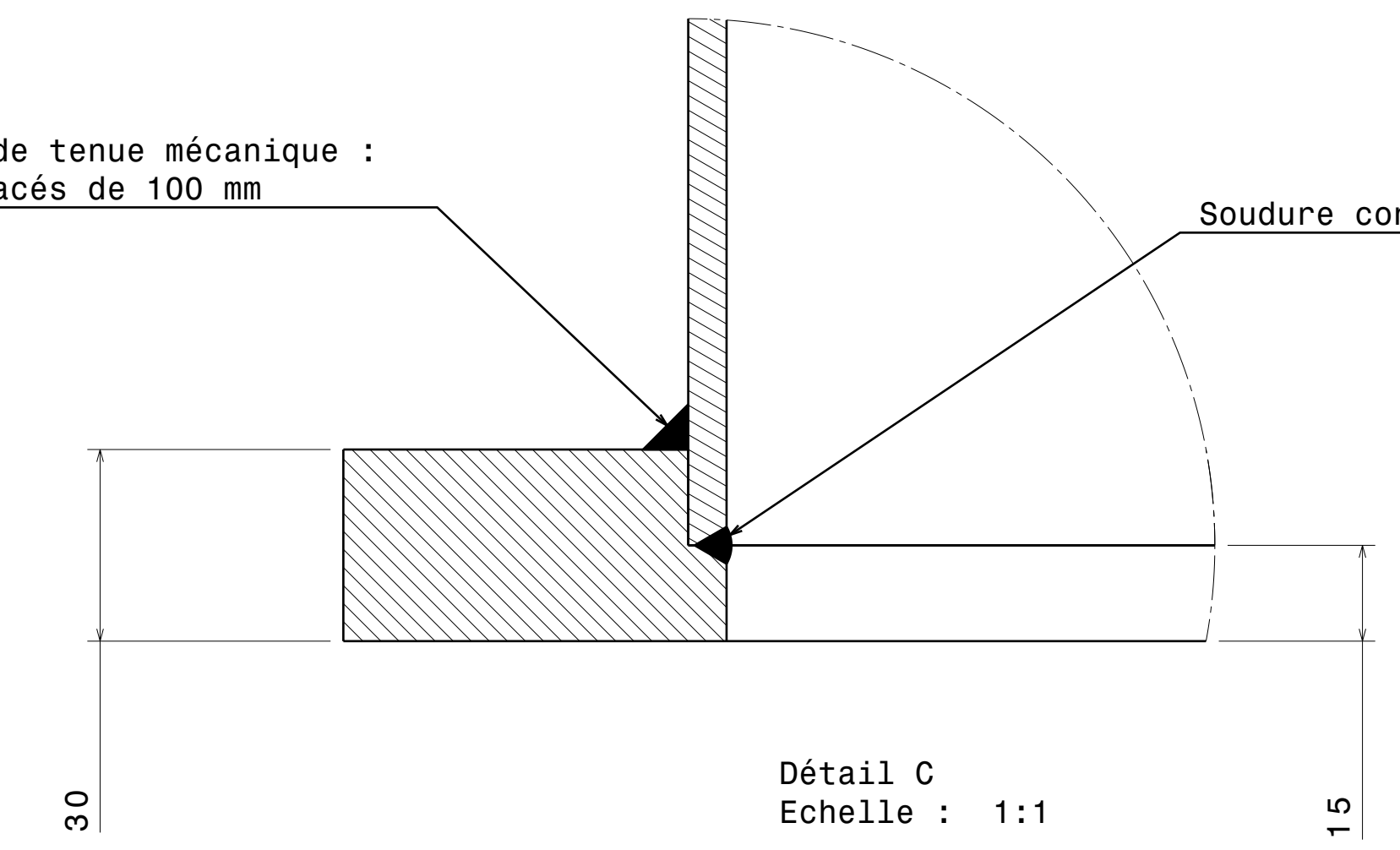
Modification		Author	Date
Material: 304L	Ra: 6.3	Project: 064 VIRGO	
Traitement: /	Tol: ISO 2768 mK	Experiment: 01 MT Detection	
Qty: 1	Mass: 1110 Kg	Set: 000Mini tour	
Dims: mm		Nonencl:	
Scale: 1/5 ; 1/1		Date: 2013 March 27	
Laboratoire d'Annecy-le-Vieux de Physique des Particules		bruno.lieunard@lapp.in2p3.fr	
BP 110, F-74941 Annecy-Le-Vieux CEDEX		Fax +33 4 50 27 94 95	
		Ph +33 4 50 09 55 80	
MINI-TOUR Detection 4/4			064 01 001 A

Fond bombé de type PRC  
suivant norme NF E 81-101



Soudure discontinue de tenue mécanique :  
cordons de 50 mm espacés de 100 mm

Soudure continue étanche au vide

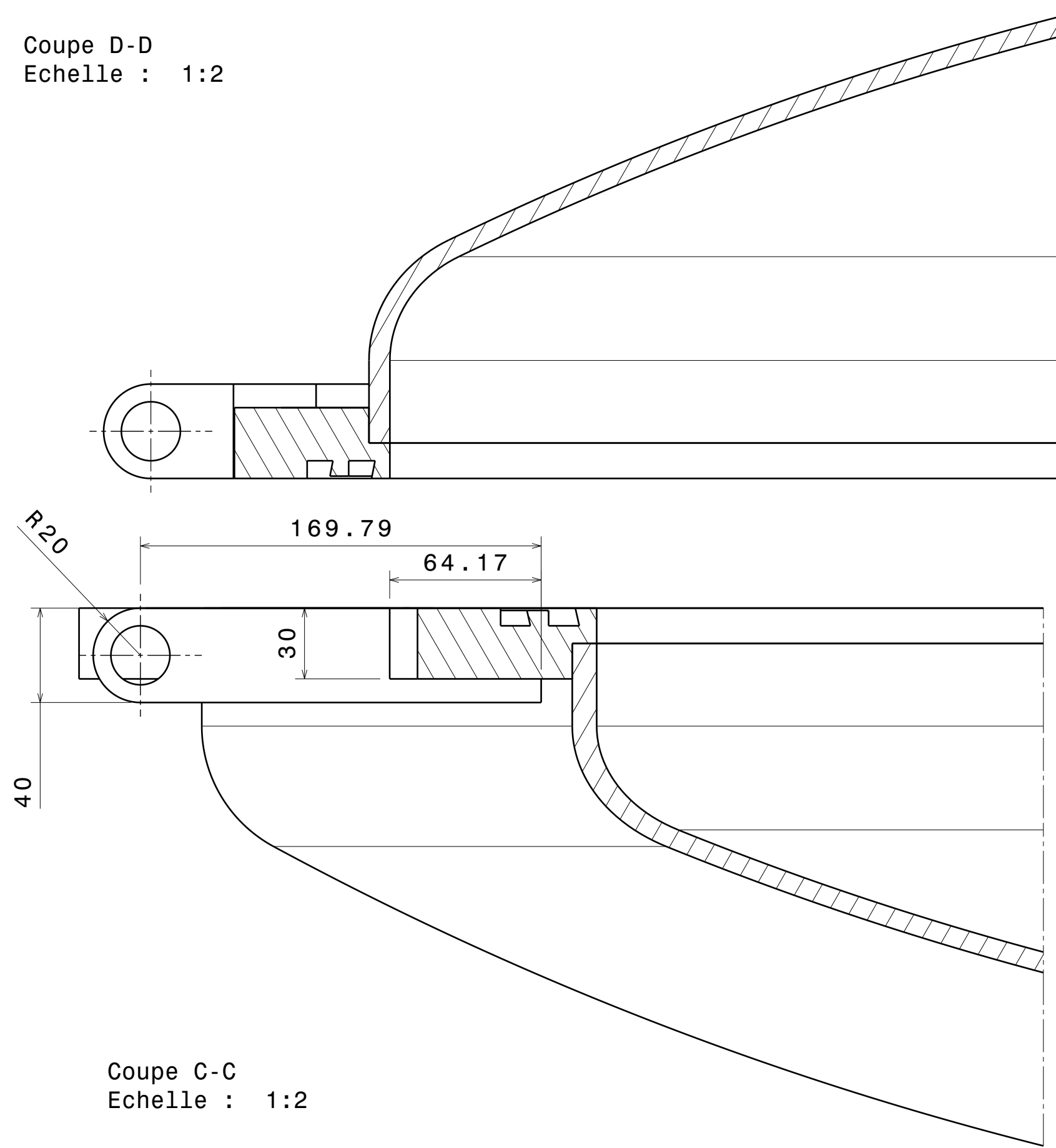


Les soudures internes doivent être  
meulées et présenter un aspect  
lisse pour faciliter le nettoyage.

Tous les angles vifs doivent être  
chanfreinés.

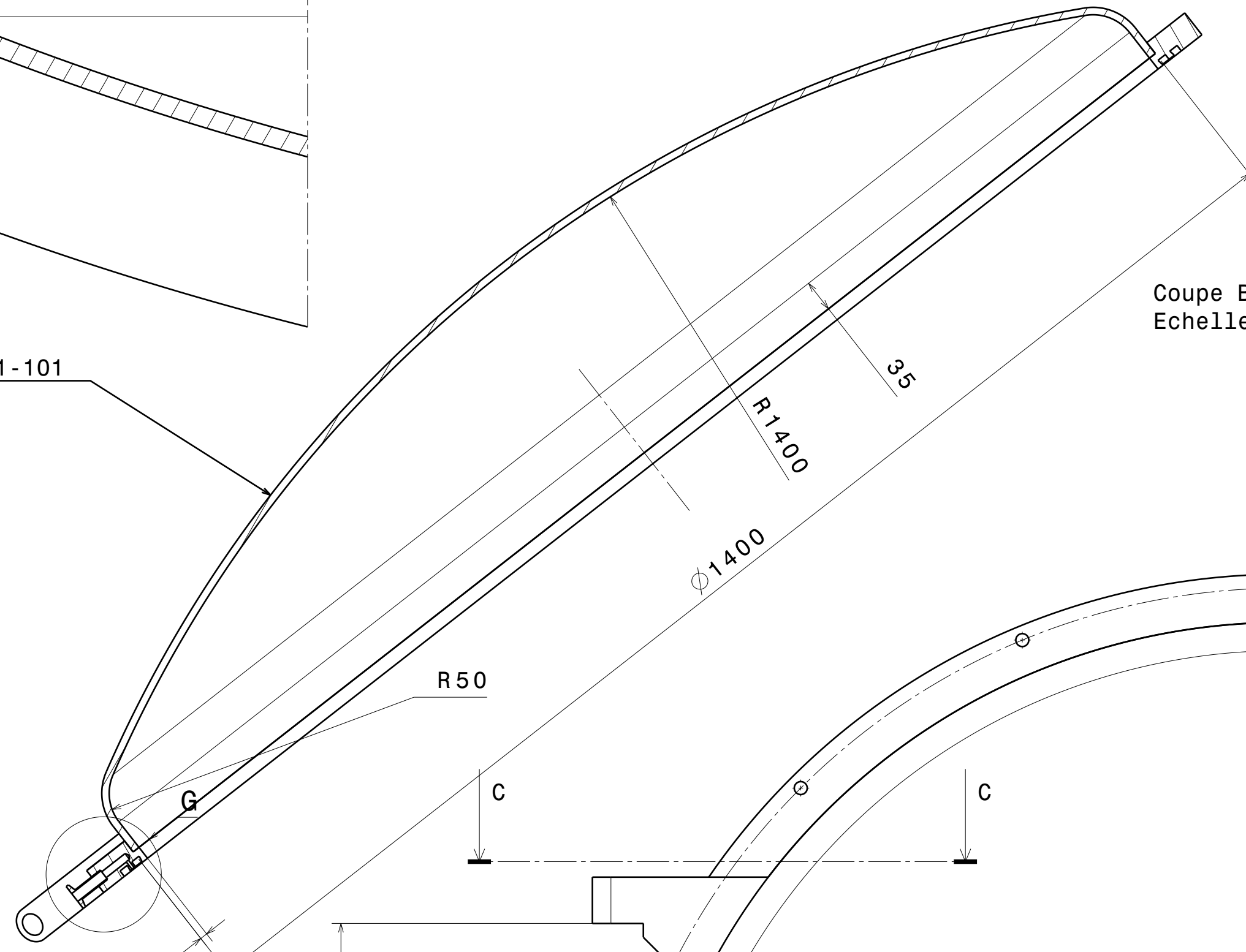
Modification		Author	Date
Material: 304L	Ra: 6.3	Project: 064 VIRGO	
Traitement: /	Tol: ISO 2768 mK	Experiment: 01 MT Detection	
Qty: 1	Mass: 205 Kg	Set: 000Mini tour	
Dims: mm		Nomencl: /	
Scale: 1/5 ; 1/1		Date: 2013 April 13	
Laboratoire d'Annee-Le-Vieux de Physique des Particules BP 110, F-74941 Annecy-Le-Vieux CEDEX		bruno.lieunard@lapp.in2p3.fr Fax +33 4 50 27 94 95 Ph +33 4 50 09 55 80	
Domme des Minitours		064 01 002	A

Coupe D-D  
Echelle : 1:2

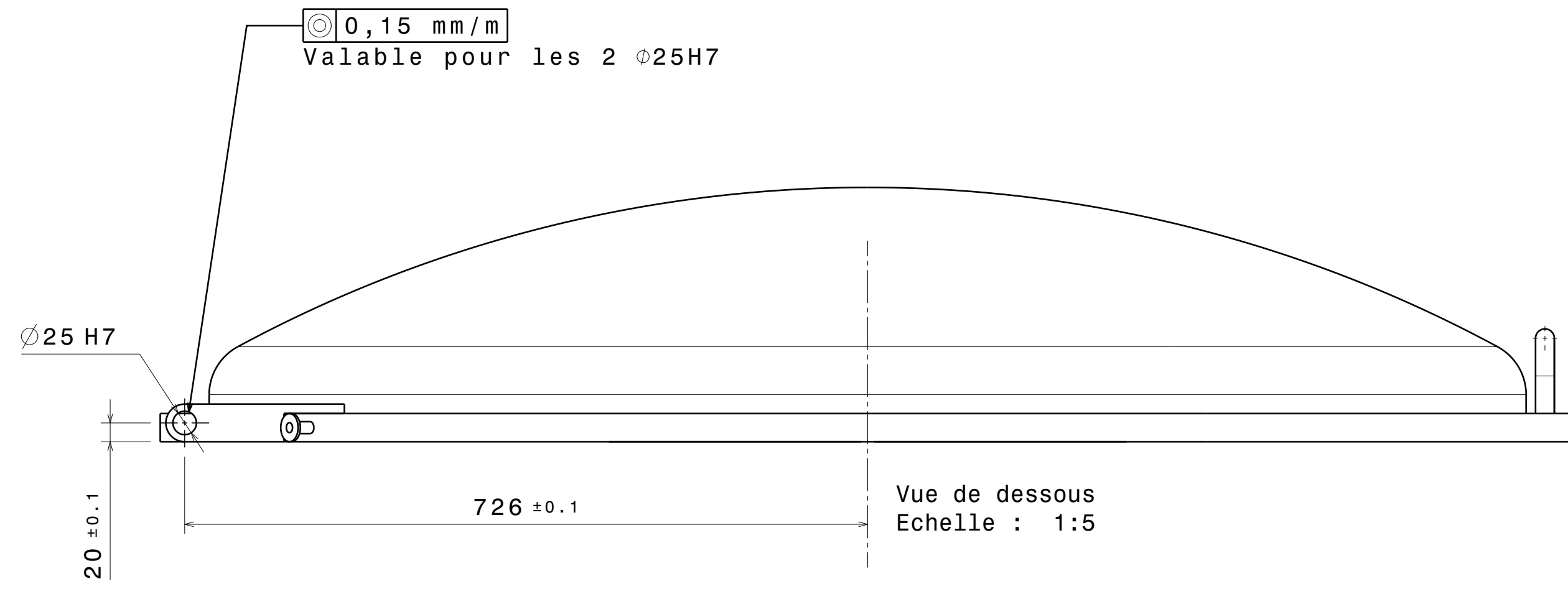


Coupe C-C  
Echelle : 1:2

Fond bombée du type PRC  
suivant la norme NF E 81-101

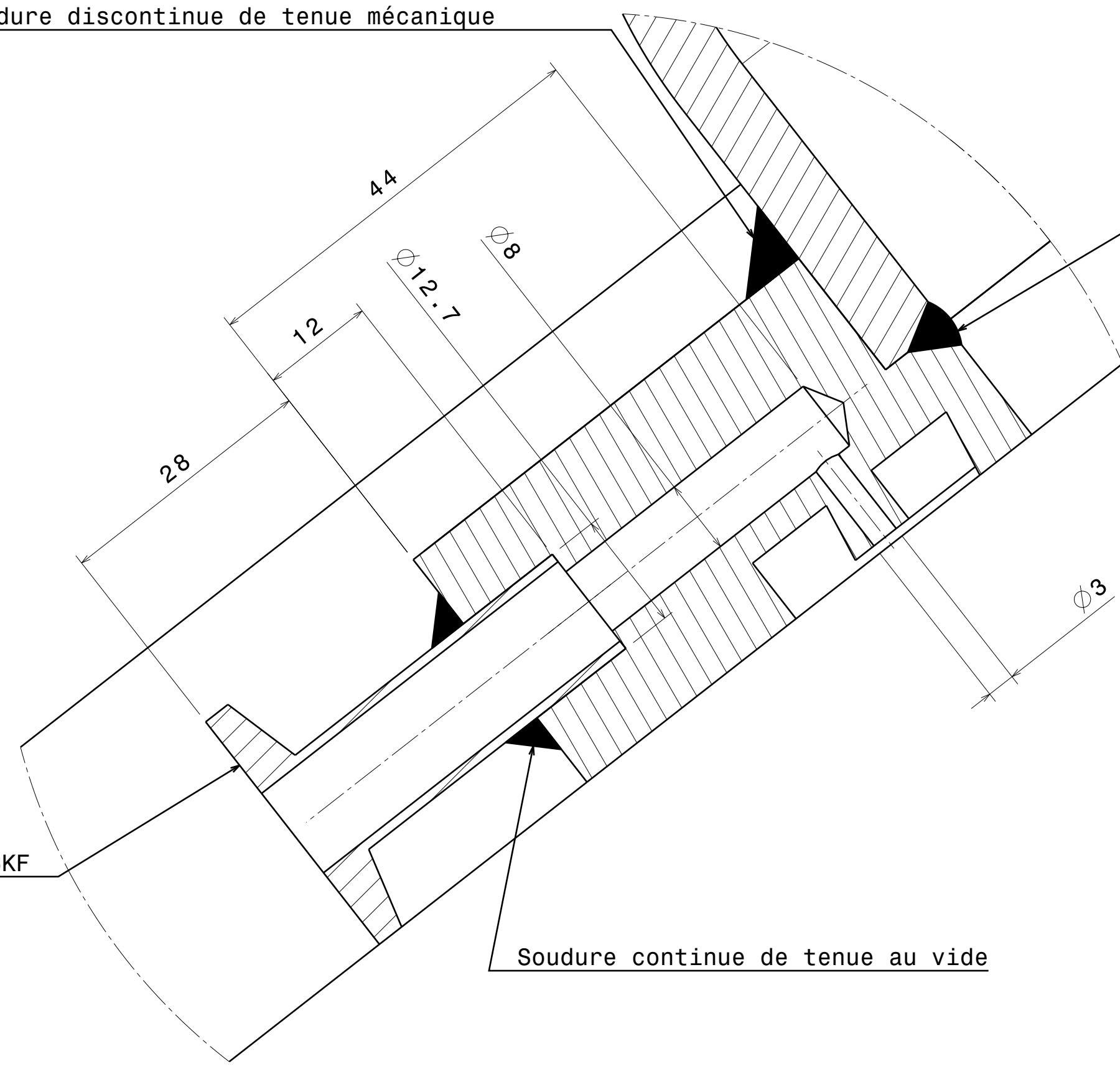


Coupe B-B  
Echelle : 1:5



Vue de dessous  
Echelle : 1:5

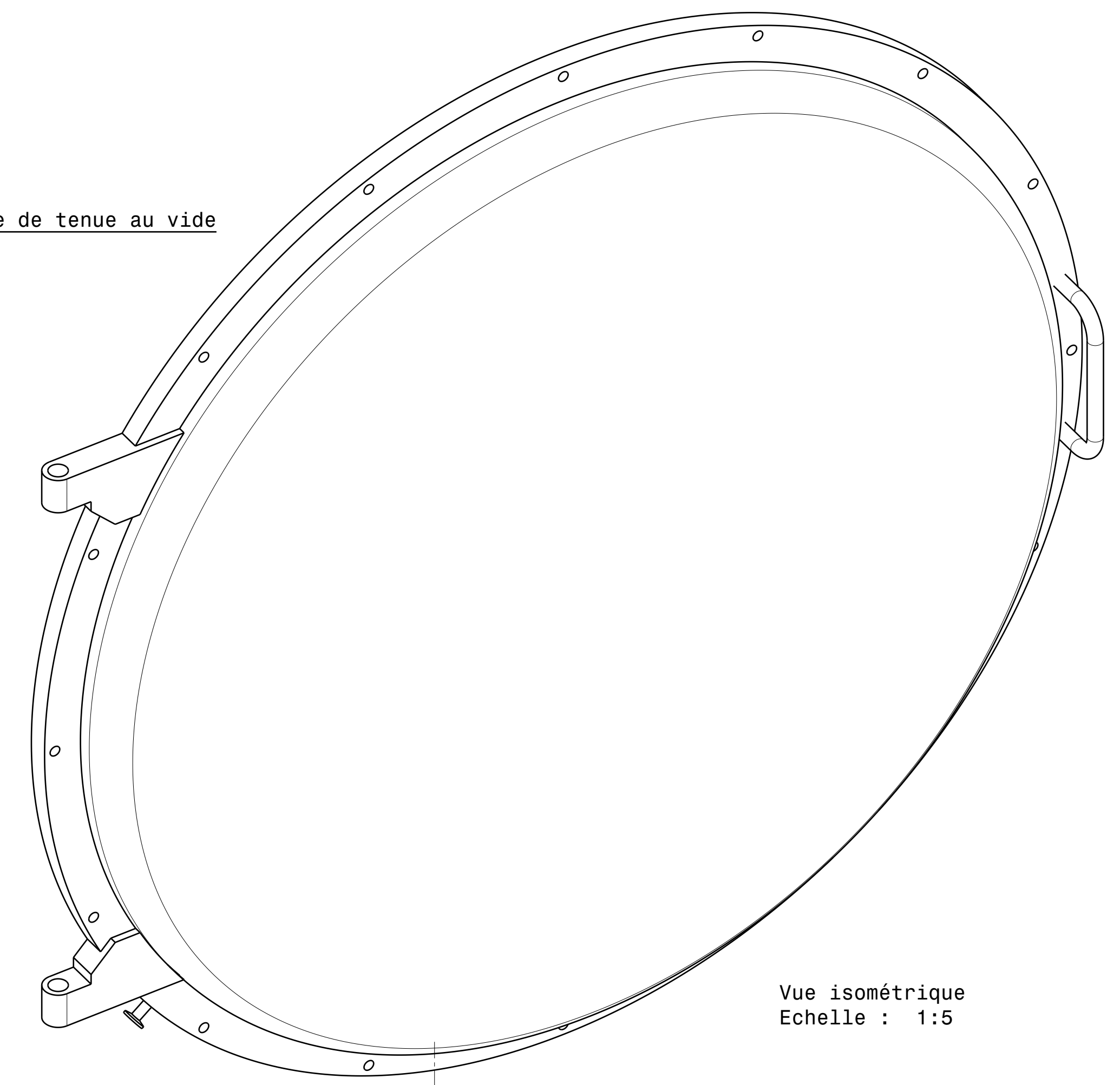
Soudure discontinue de tenue mécanique



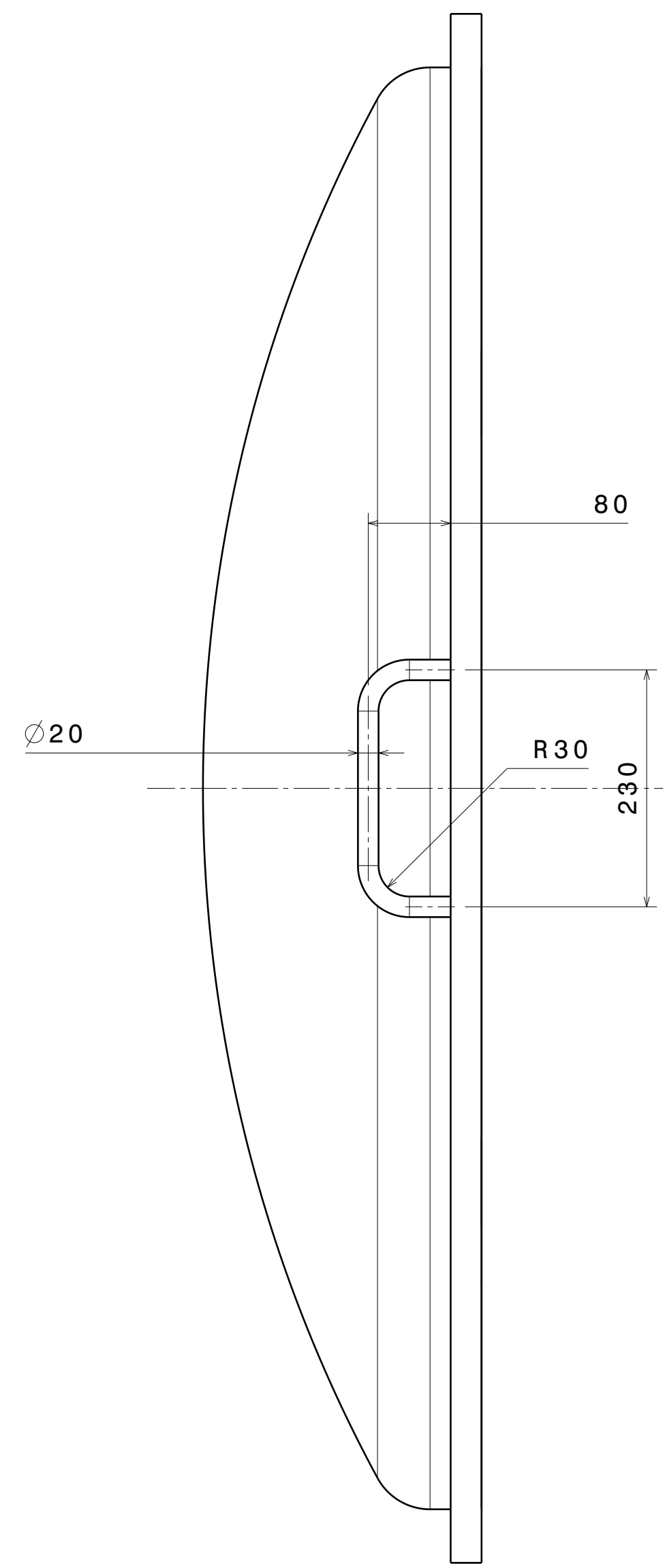
Soudure continue de tenue au vide

Bride DN16KF

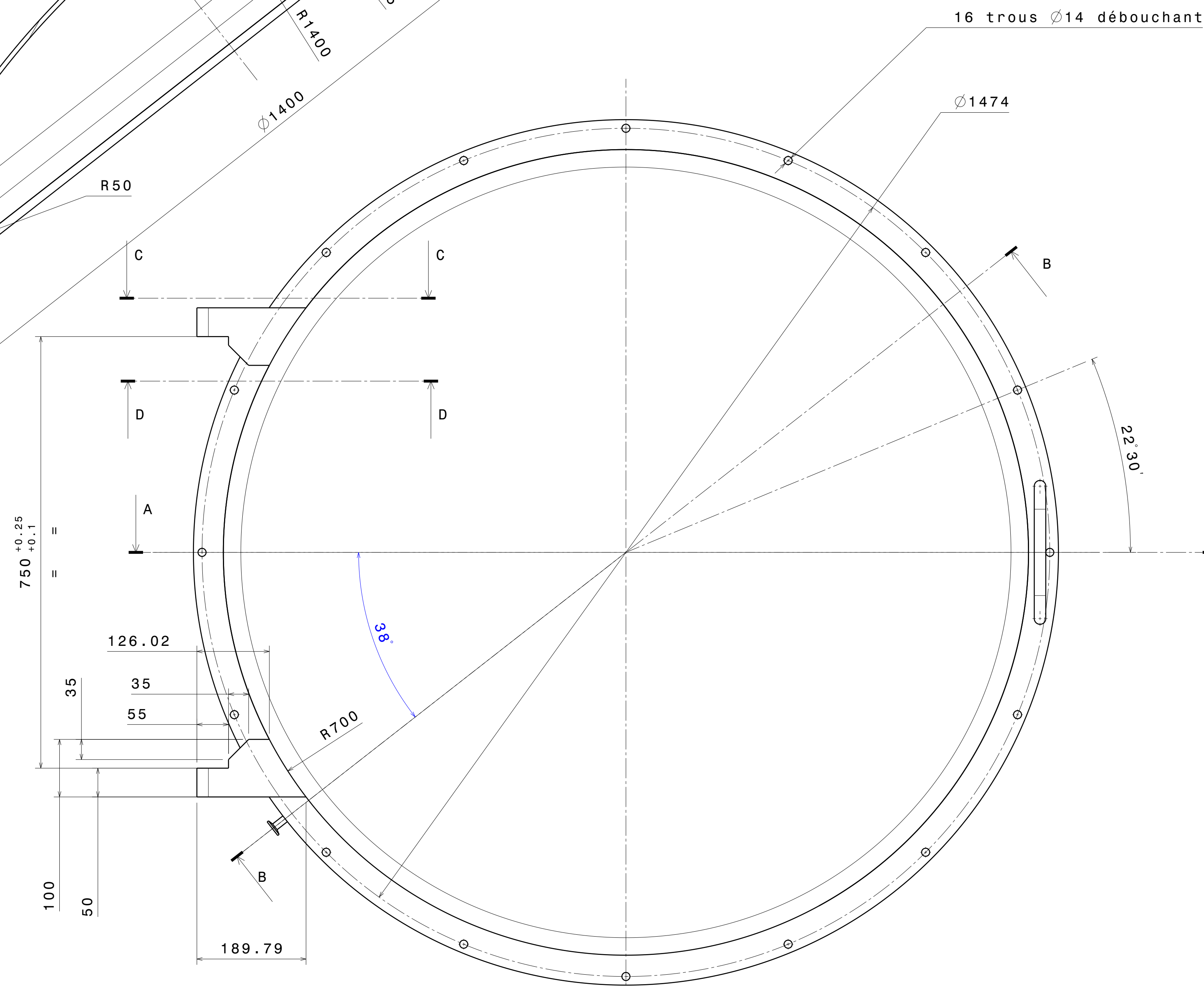
Soudure continue de tenue au vide



Vue isométrique  
Echelle : 1:5



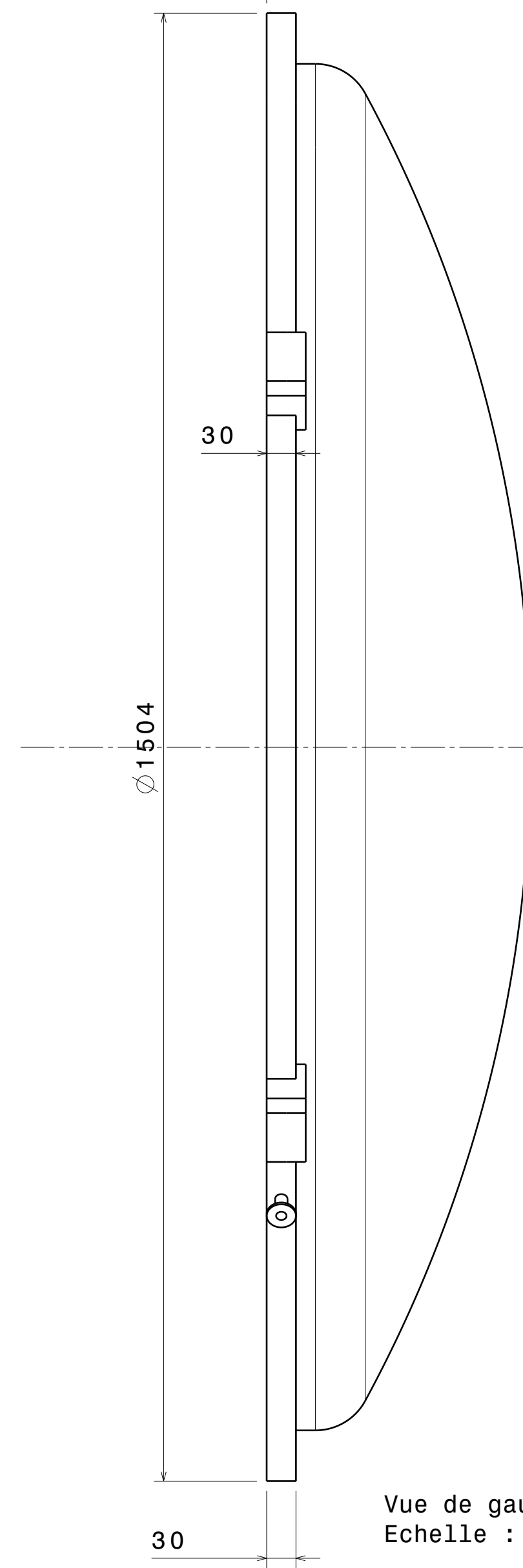
Vue de droite  
Echelle : 1:5



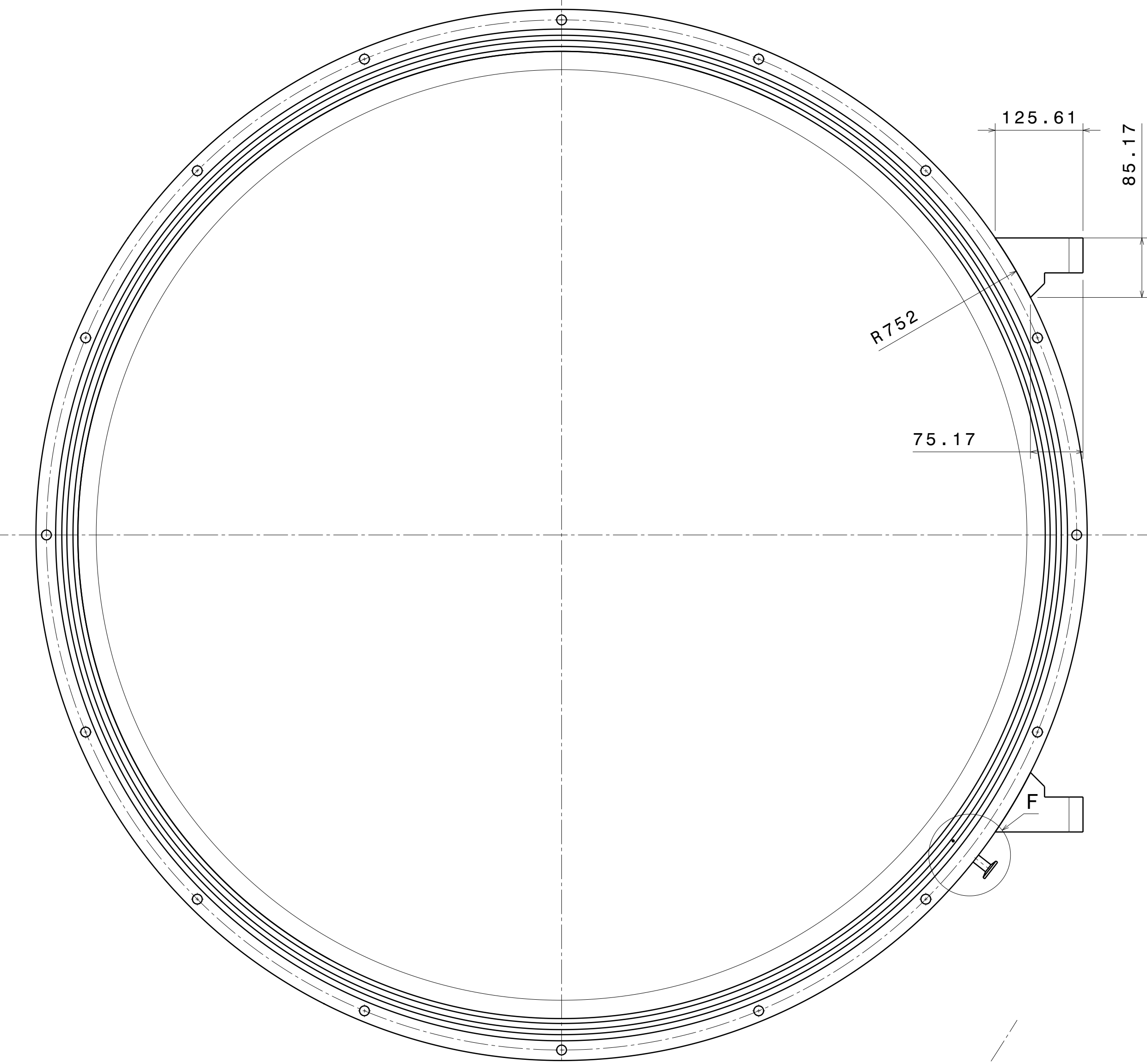
Vue de face  
Echelle : 1:5

Détail G  
Echelle : 2:1

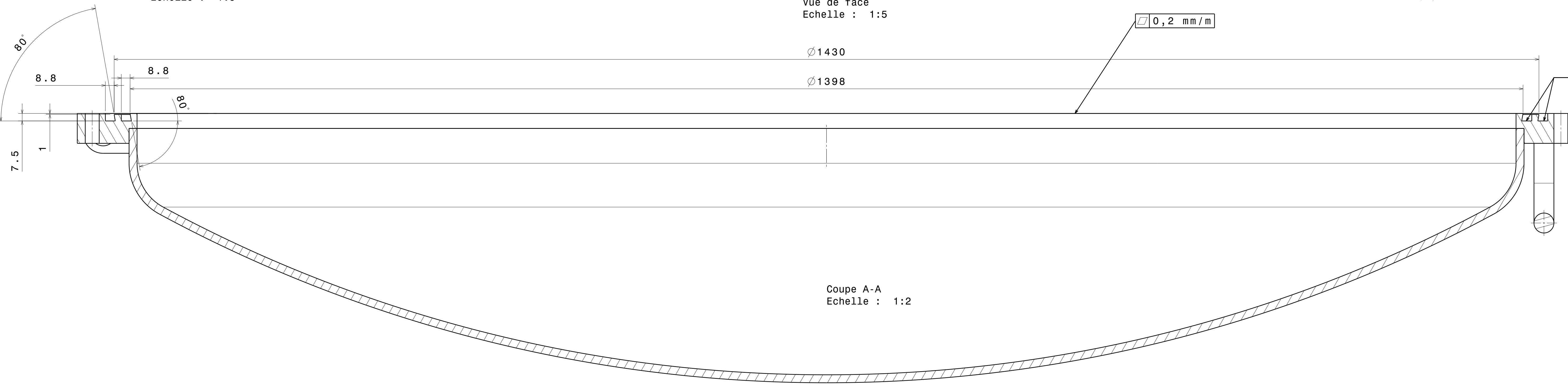
270.42 ± 1



Vue de gauche  
Echelle : 1:5

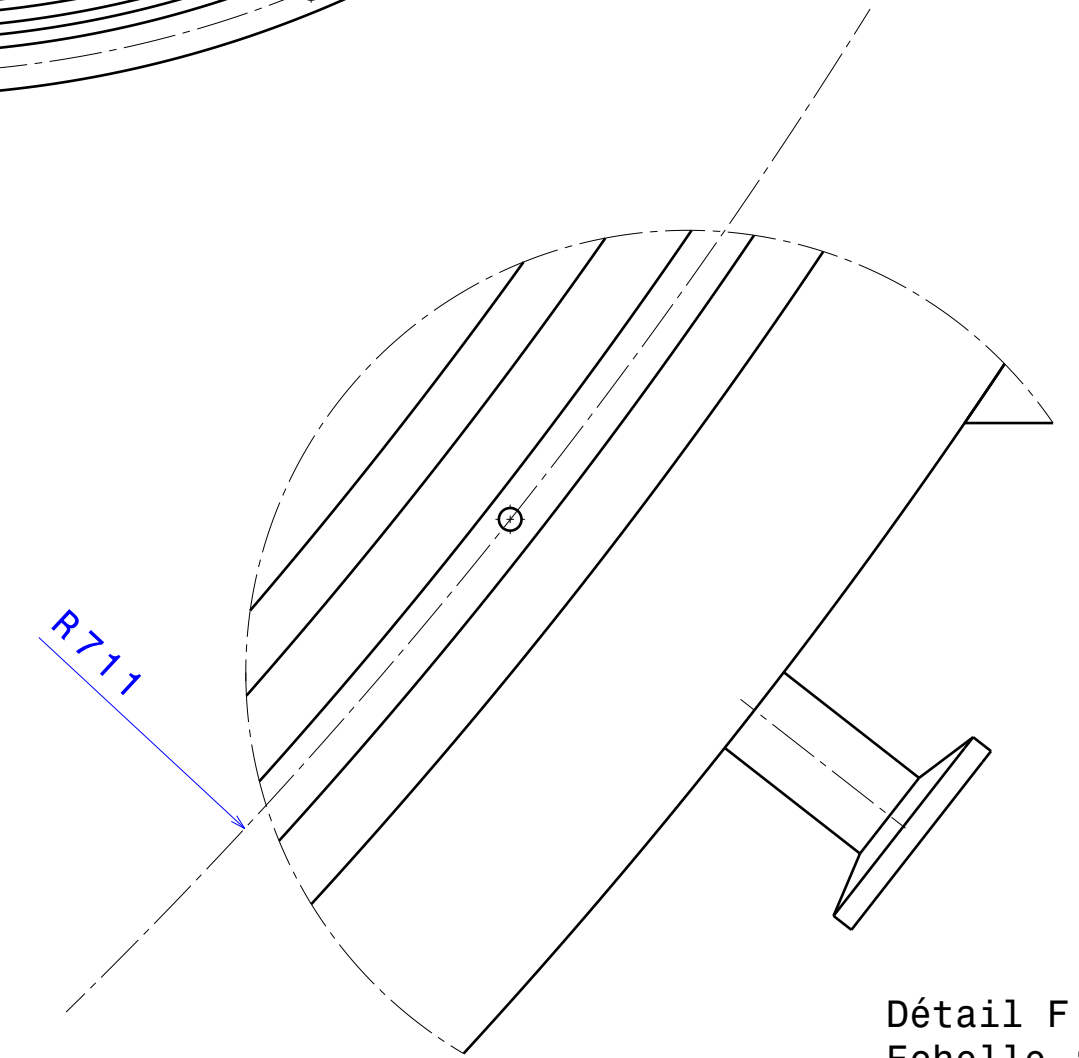


Vue de derrière  
Echelle : 1:5



Coupe A-A  
Echelle : 1:2

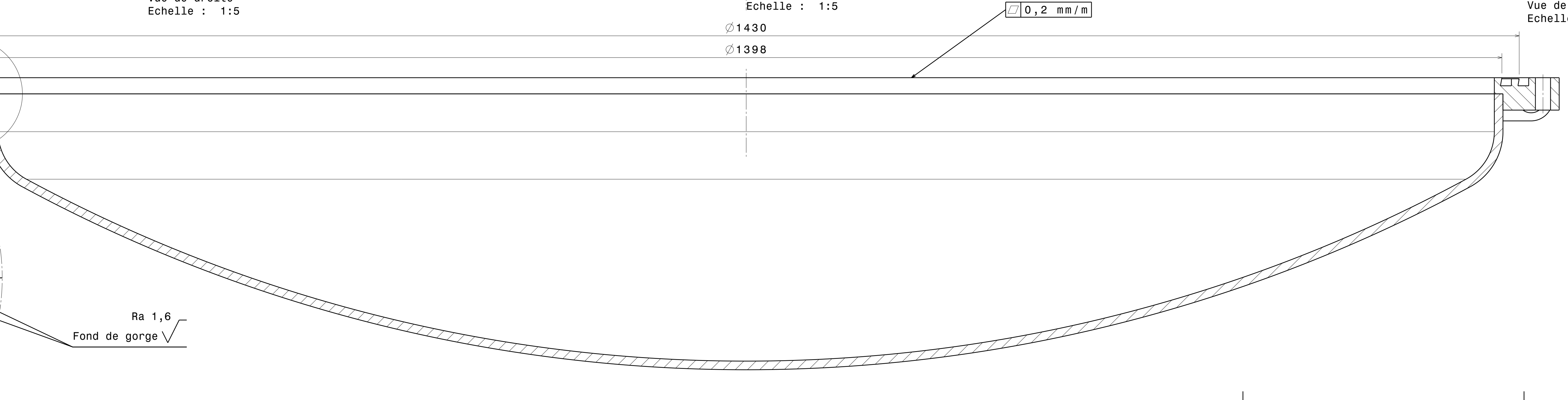
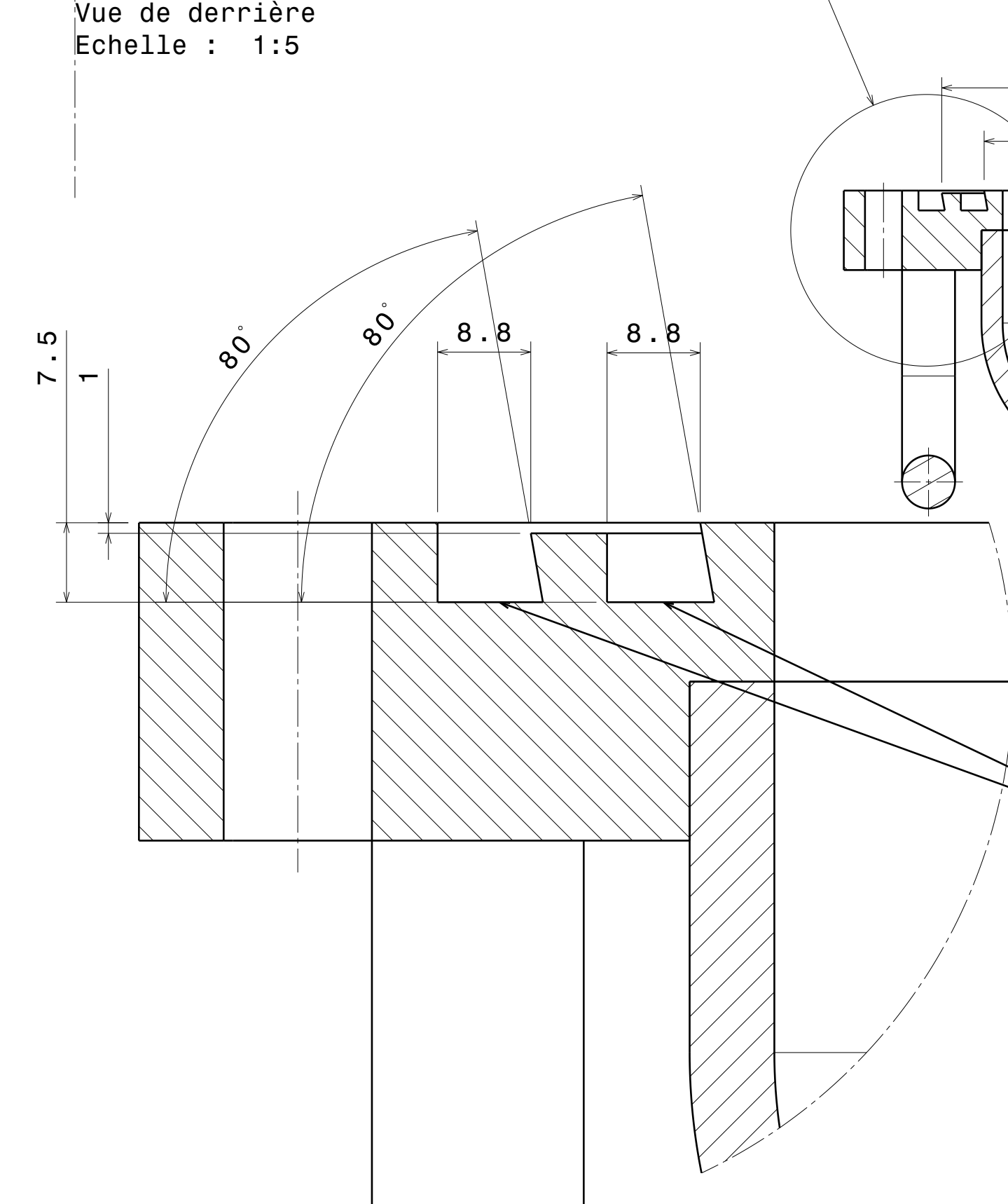
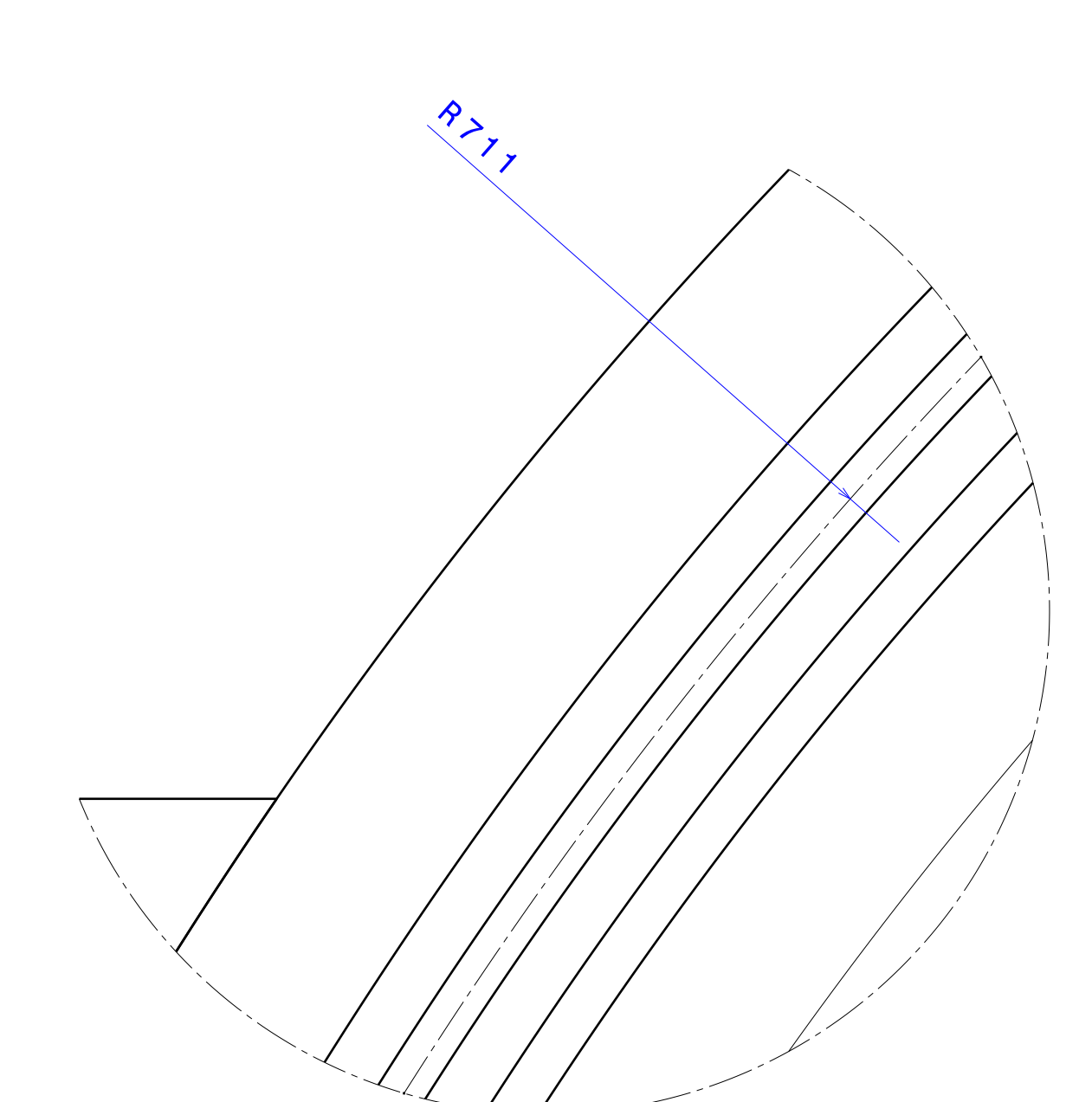
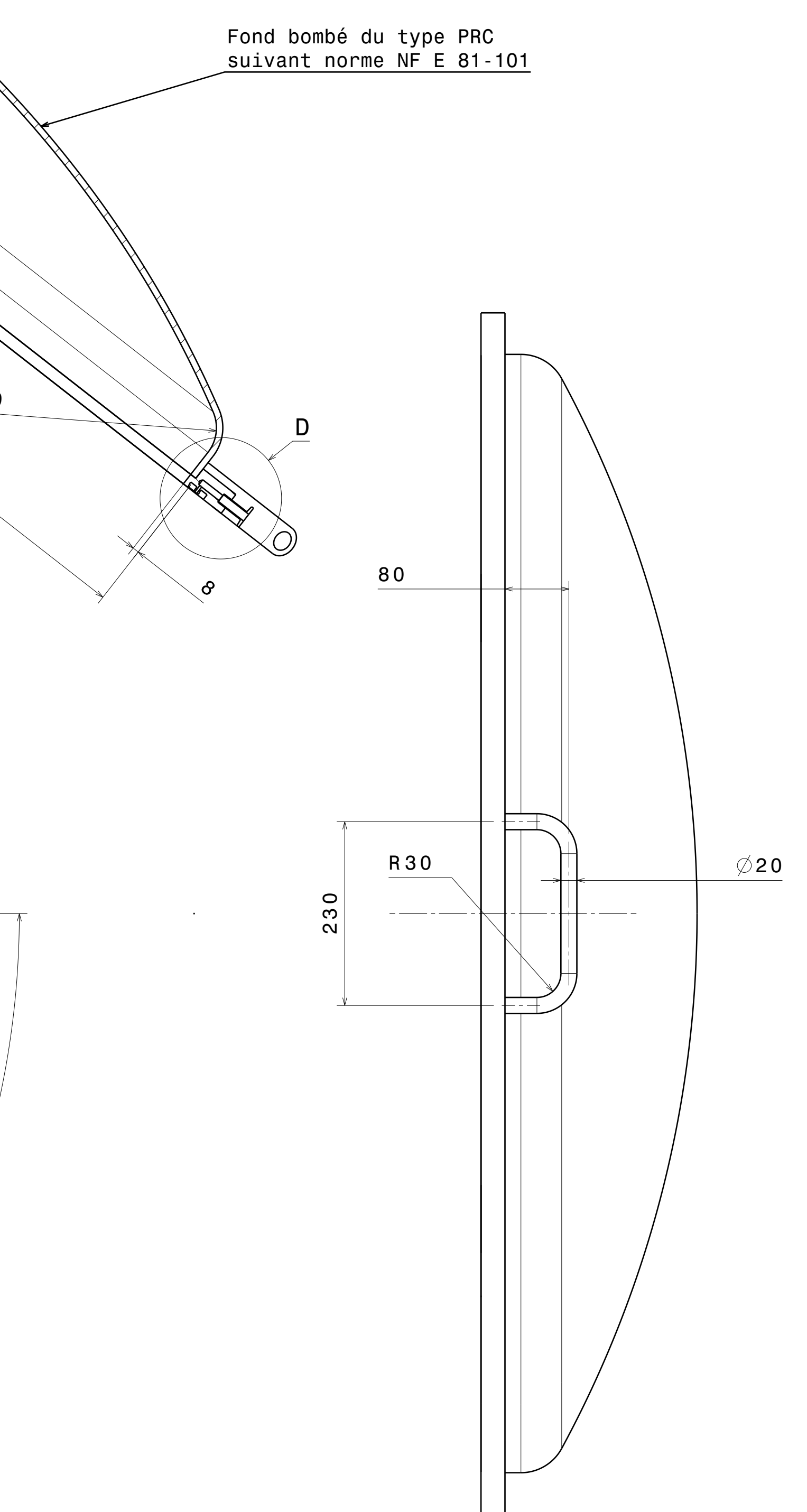
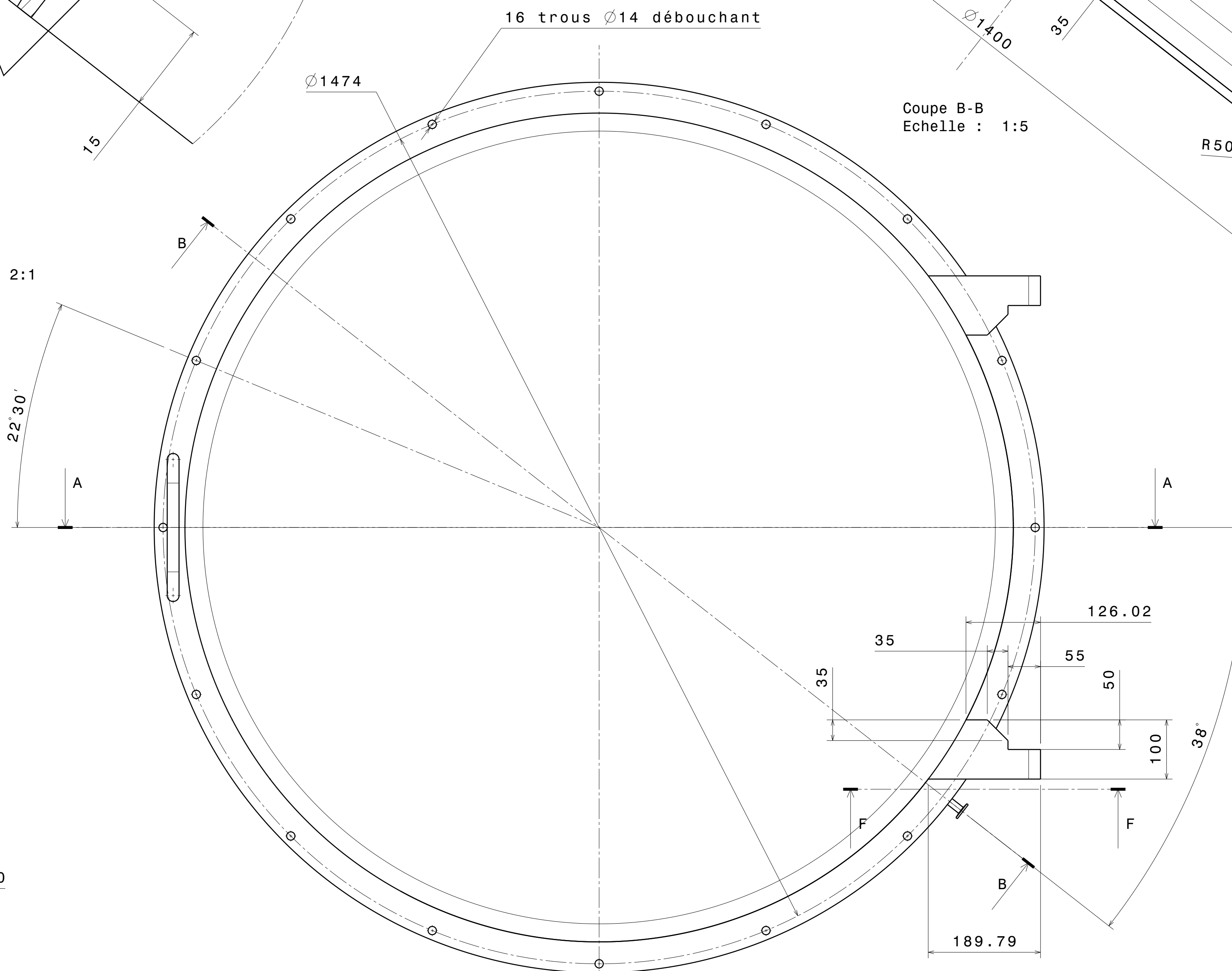
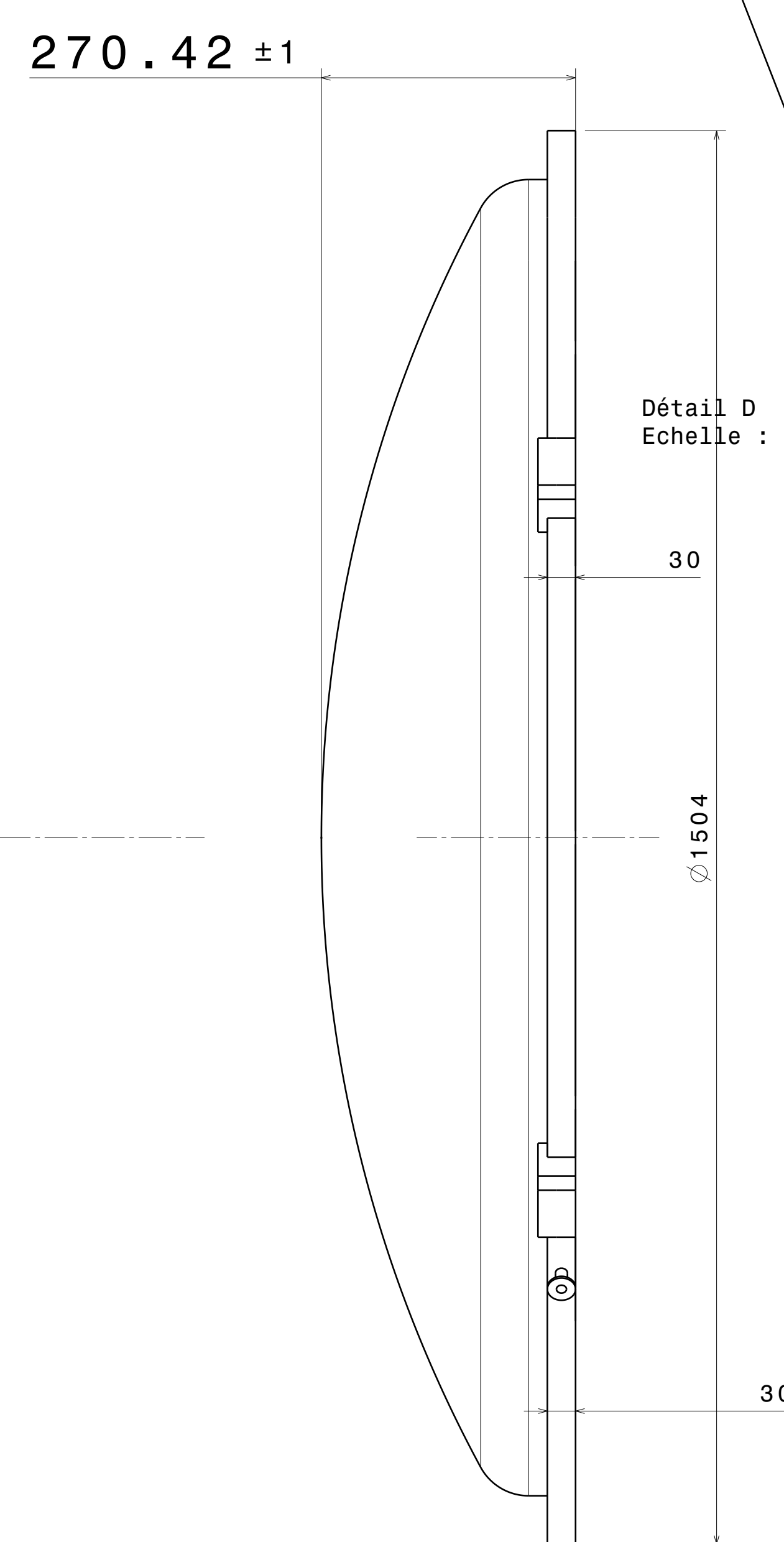
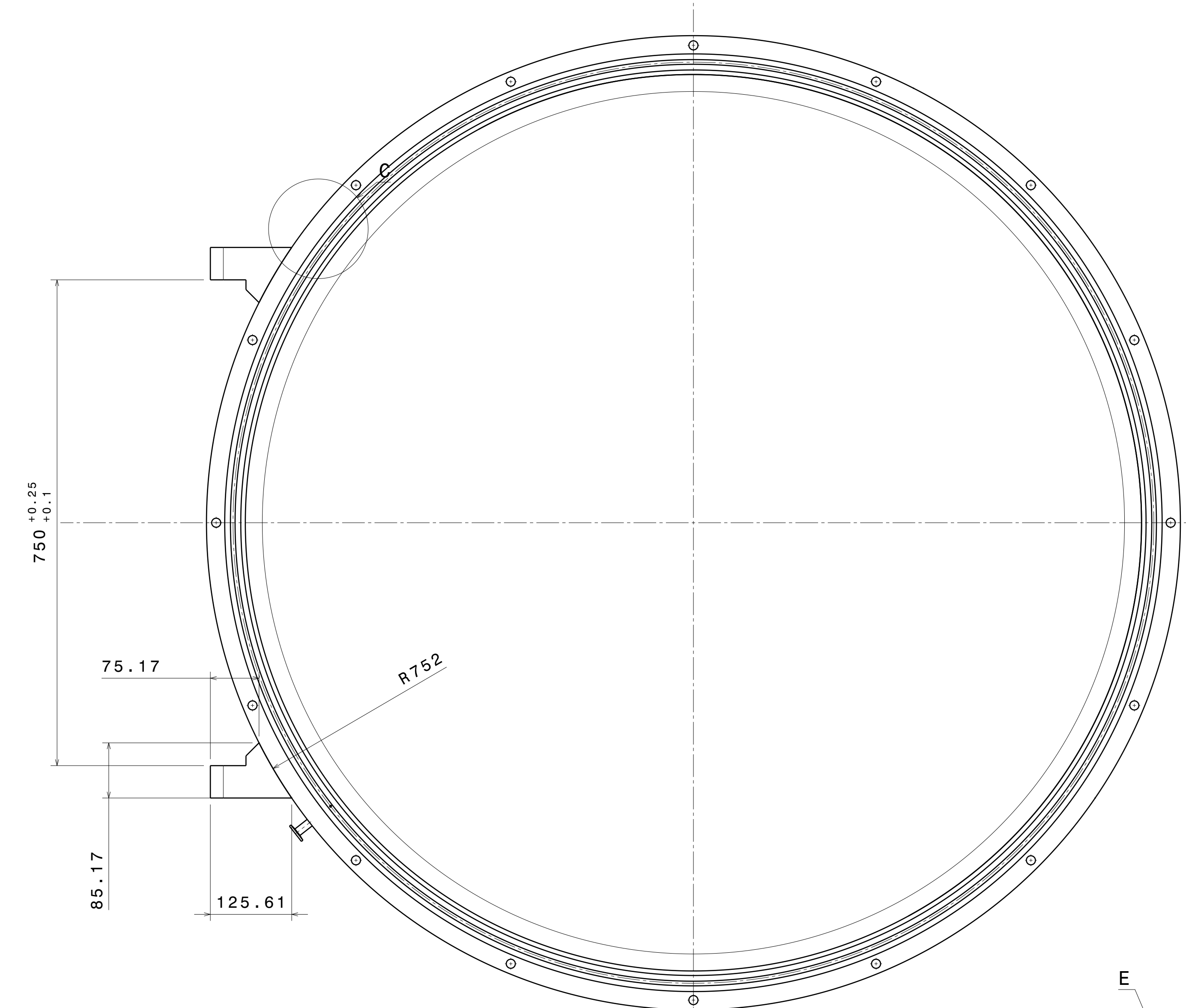
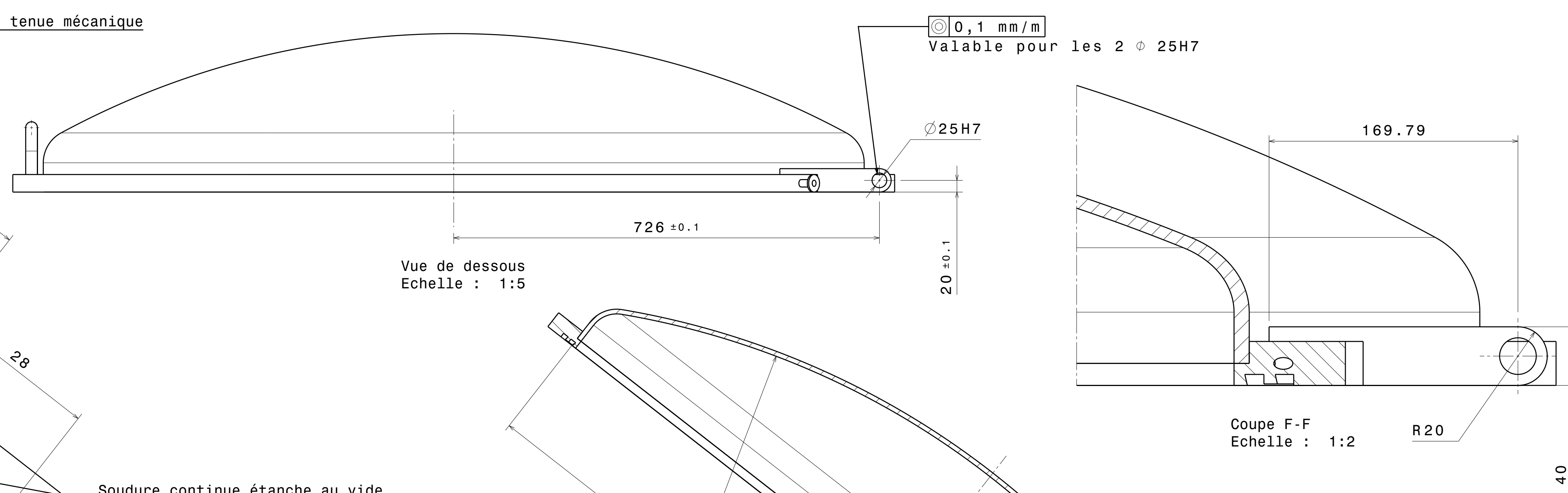
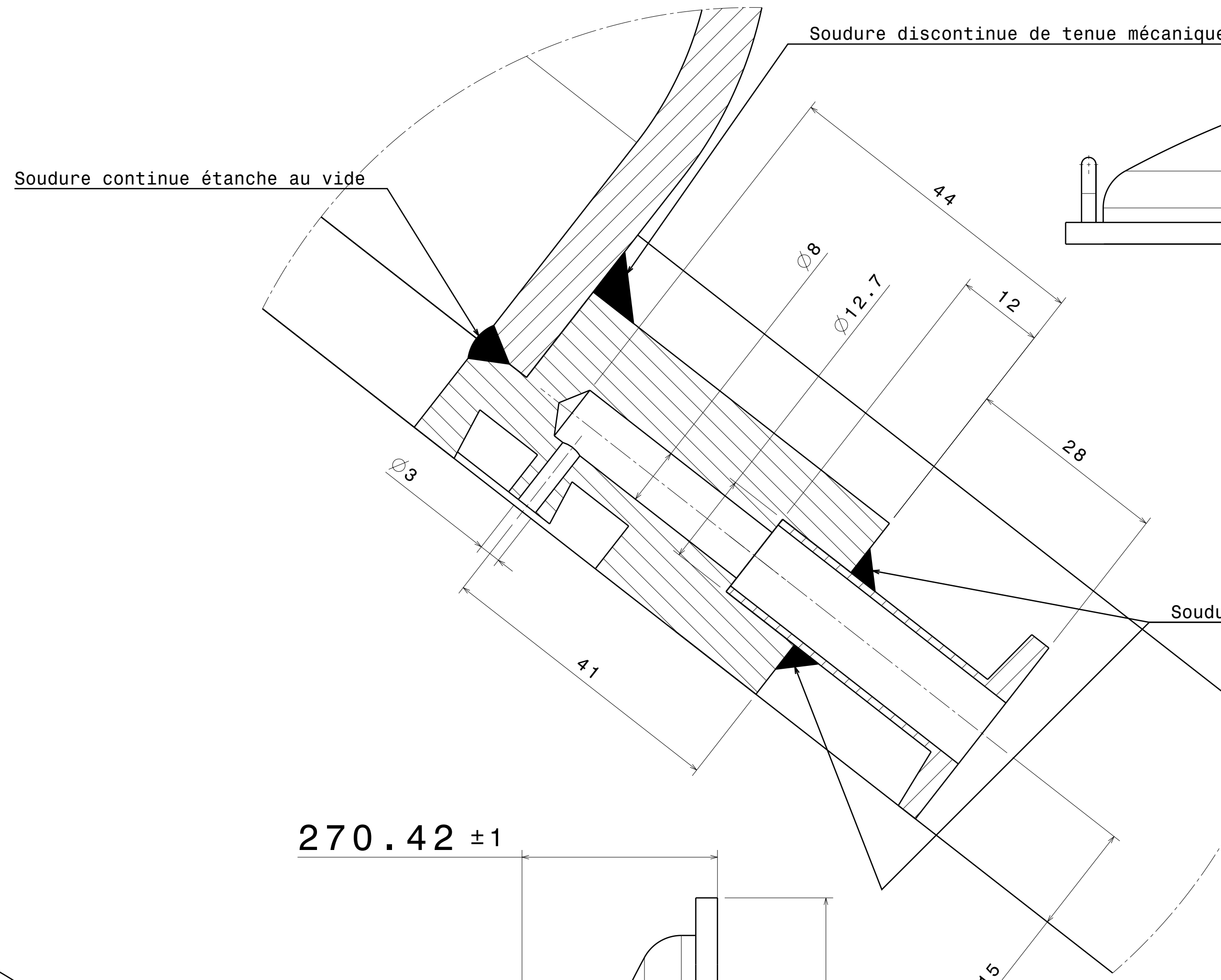
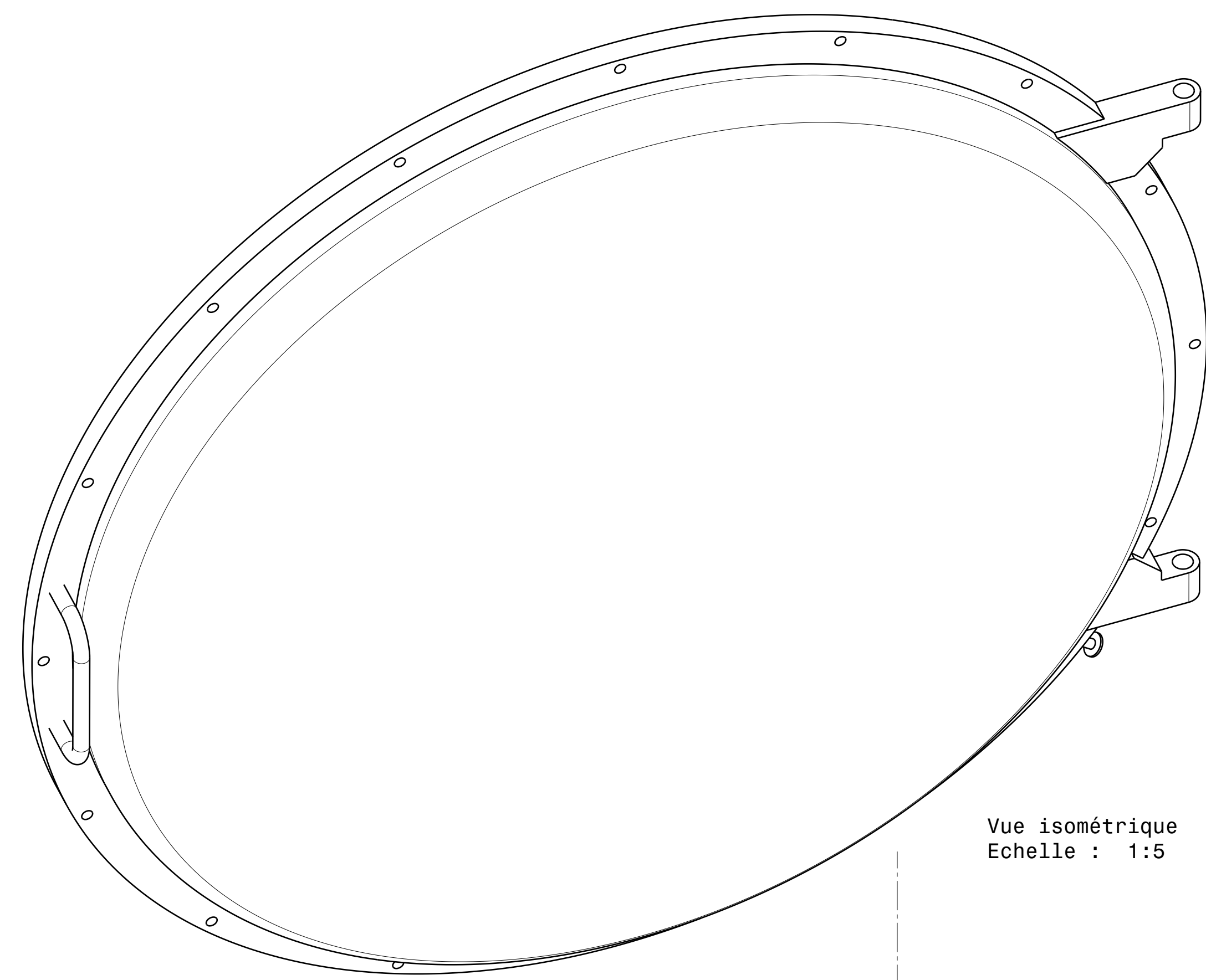
Ra 1,6  
Fond de gorge



Détail F  
Echelle : 1:1

Les soudures internes doivent être meulées et présenter un aspect lisse pour faciliter le nettoyage.  
Tous les angles vifs doivent être chanfreinés.

Modification		Author	Date
Material:	304L	Ra:	6.3
Traitement:	/	Tol:	ISO 2768 mK
Qty:	1	Mass:	180 Kg
0 1 50		Scale:	1/5 ; 1/1
Laboratoire d'Anecy-le-Vieux de Physique des Particules		Date:	2013 April 04
BP 110, F-74941 Anecy-Le-Vieux CEDEX		bruno.lieunard@lapp.in2p3.fr	
		Fax +33 4 50 27 94 95	
		Ph +33 4 50 09 55 80	
Porte Bombée MiniTour			064 01 003 A



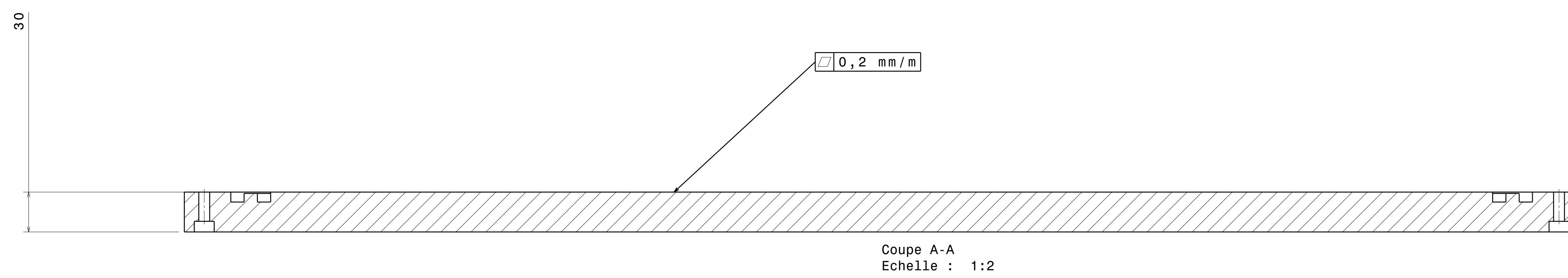
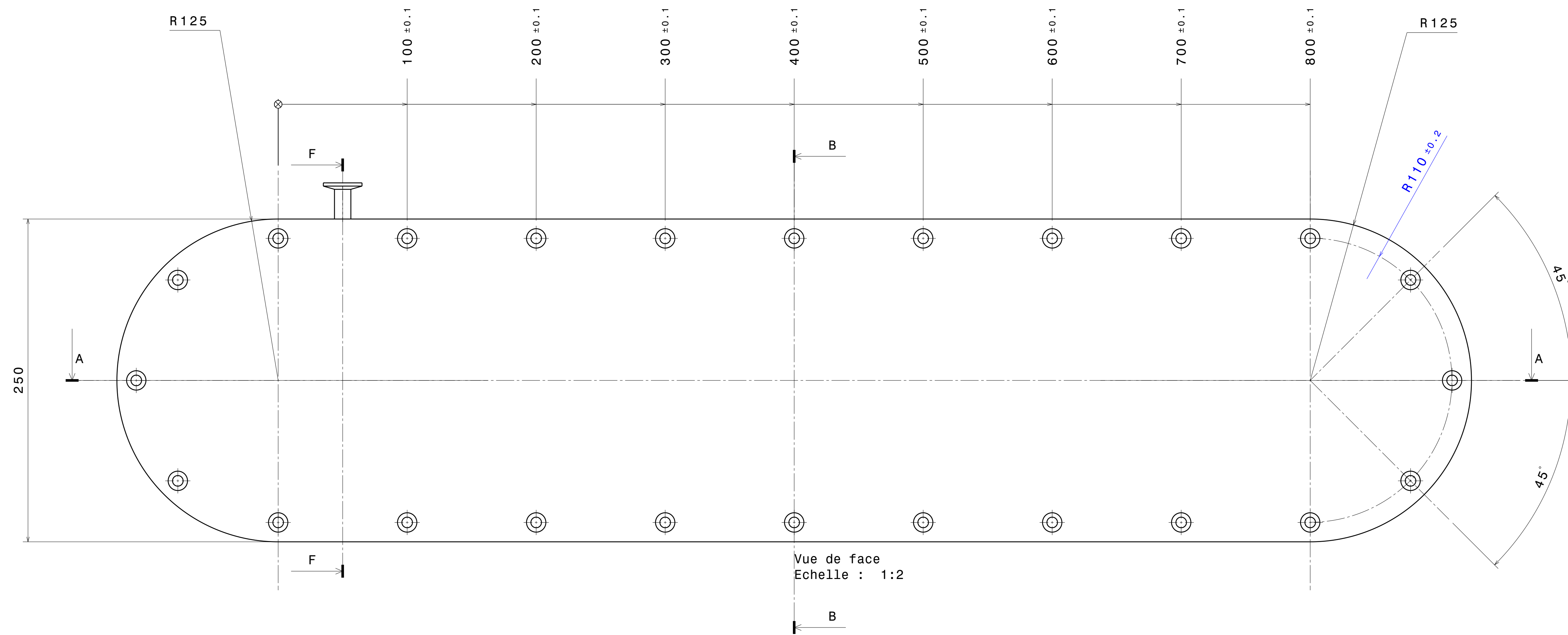
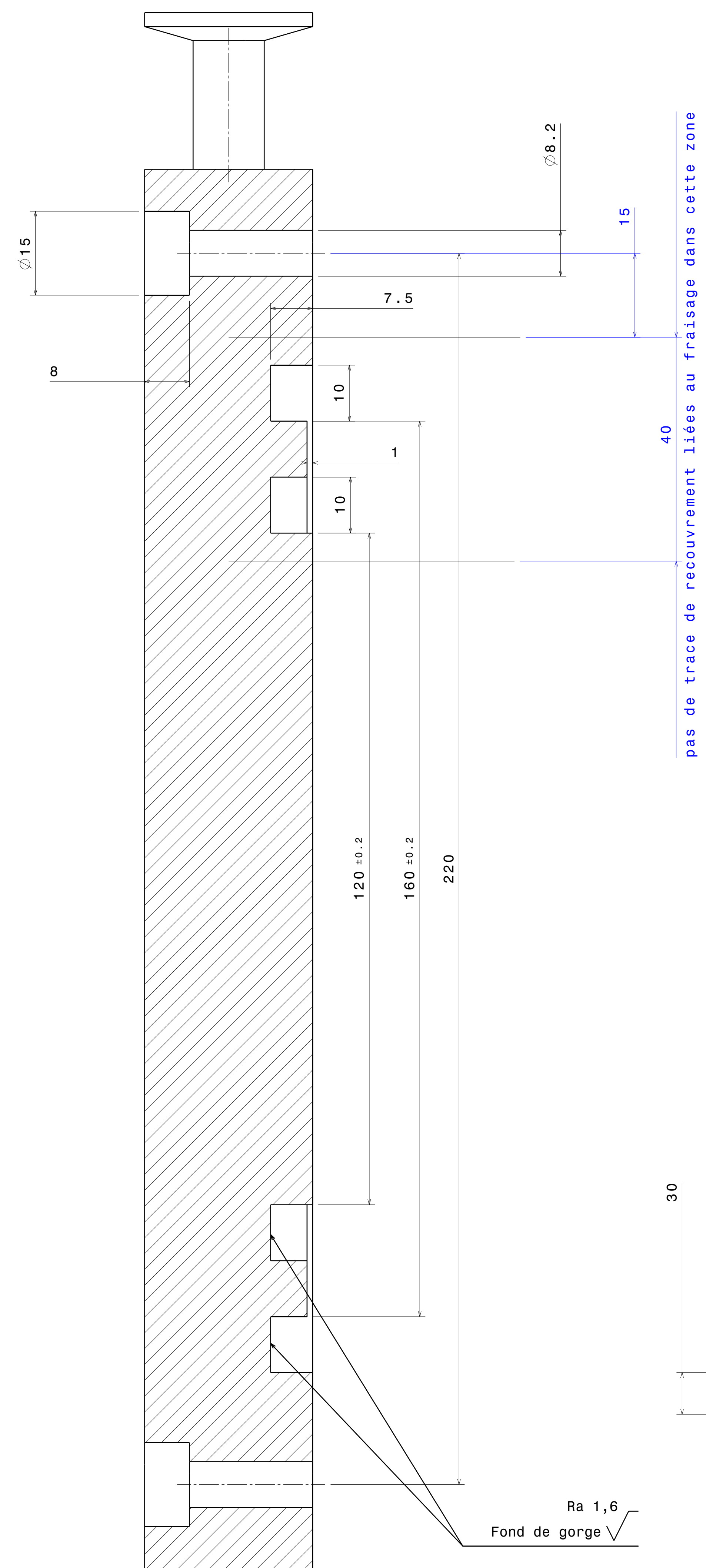
Ra 1,6  
Fond de gorge

Les soudures internes doivent être meulées et présenter un aspect lisse pour faciliter le nettoyage.

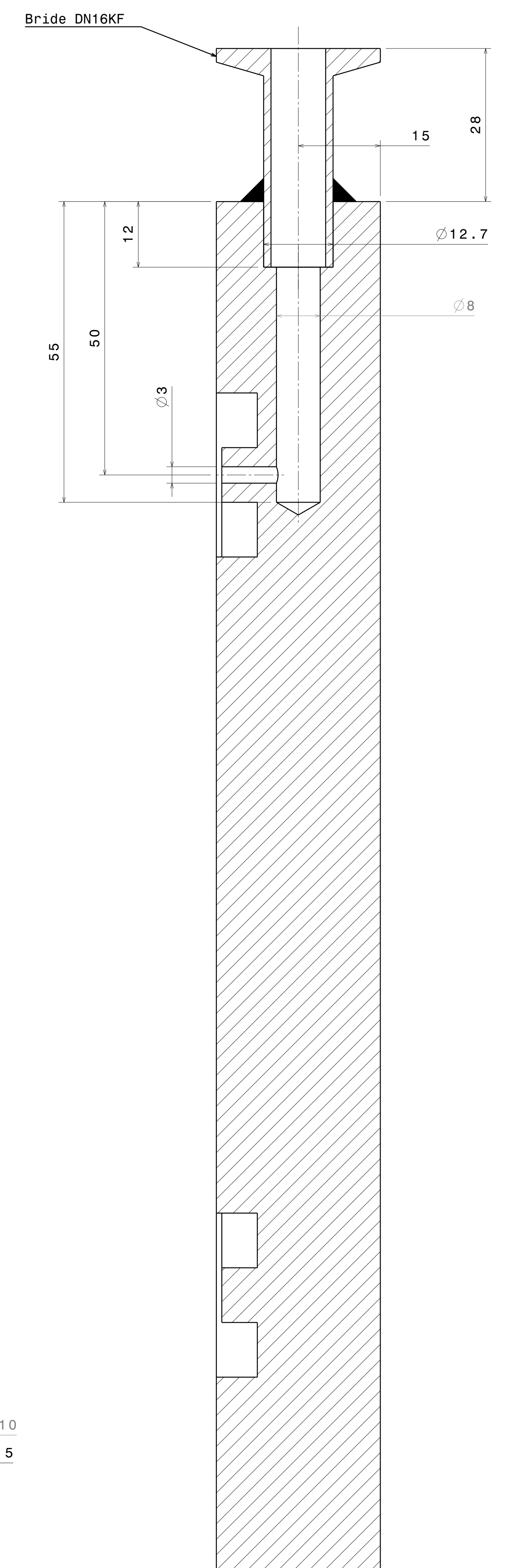
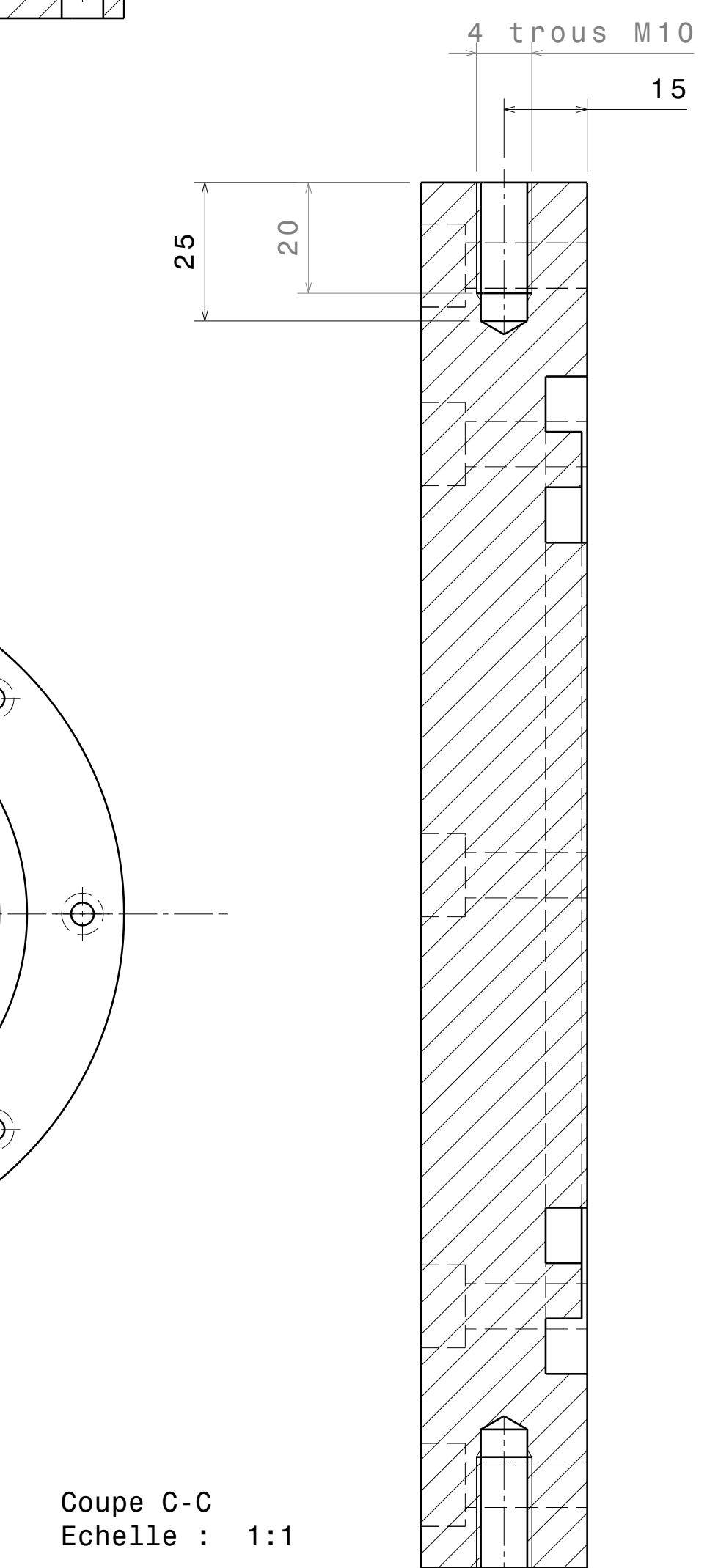
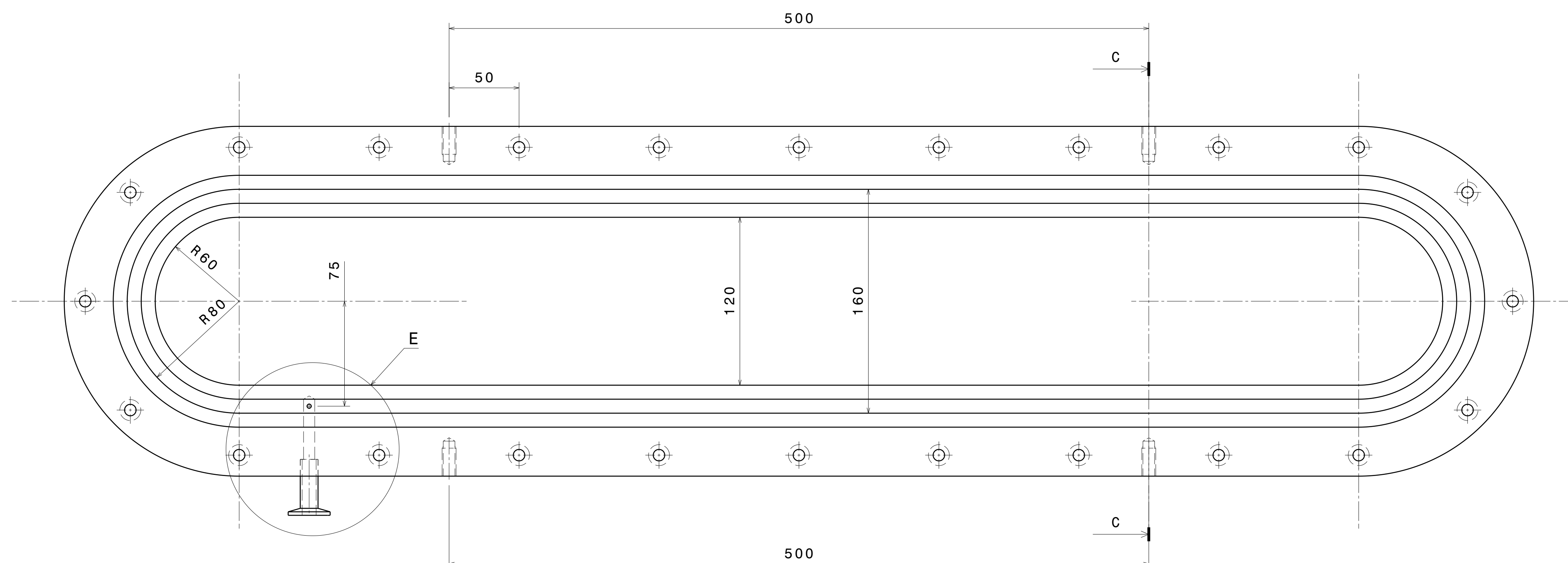
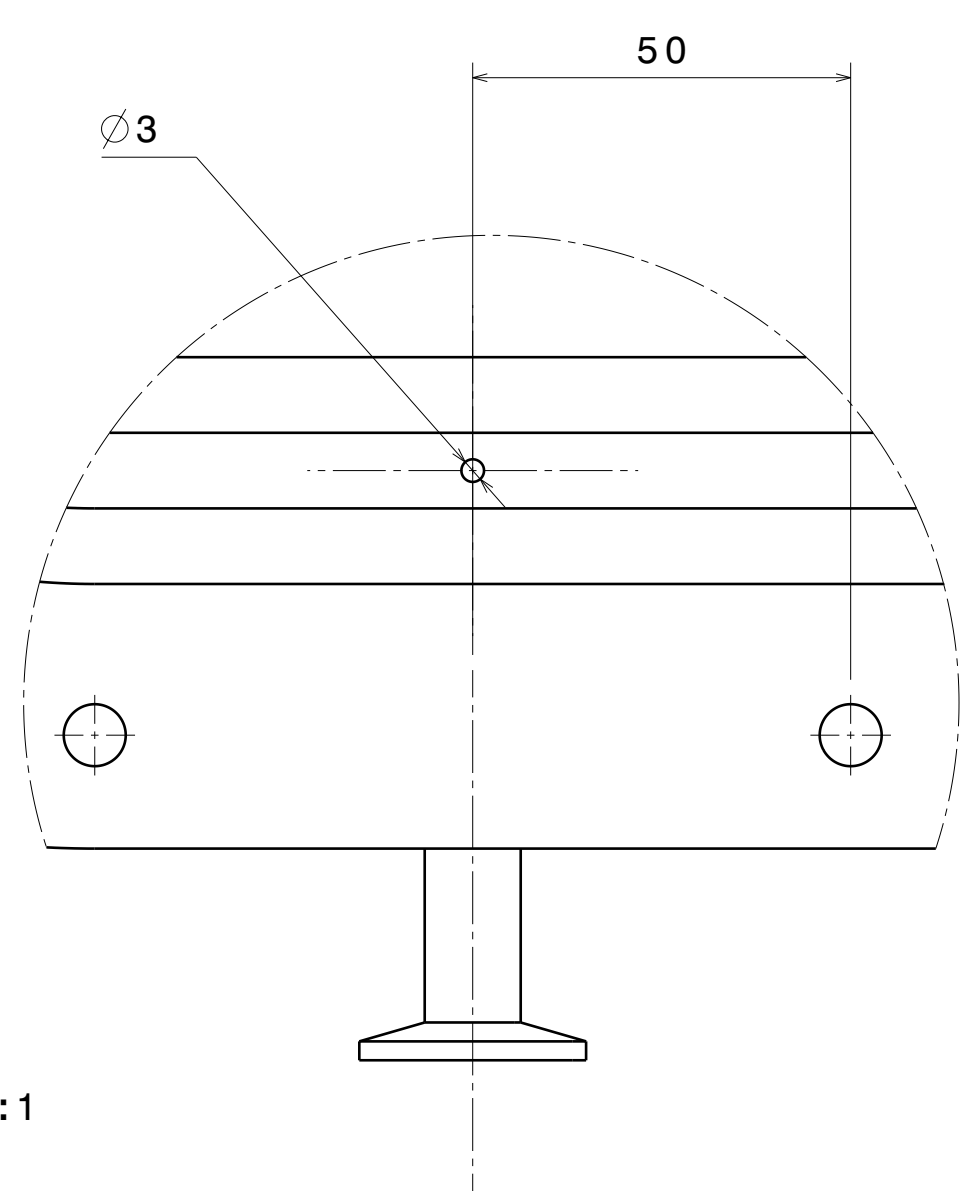
Tous les angles vifs doivent être ébavurés.

Modification		Author	Date
Material:	304L	Ra:	6.3
Traitement:	/	Tol:	ISO 2768 mK
Qty:	1	Mass:	180 Kg
		Dims:	mm
		Scale:	1/5 ; 1/1
Symétrie porte bombée Minitour		Date:	2013 April 05
		Project:	064 VIRGO
		Experiment:	01 MT Detection
		Set:	000Mini tour
		Nomencl:	
		bruno.lieunard@lap.in2p3.fr	
		Fax +33 4 50 27 94 95	
		Ph +33 4 50 09 55 80	
		064 01 004	A

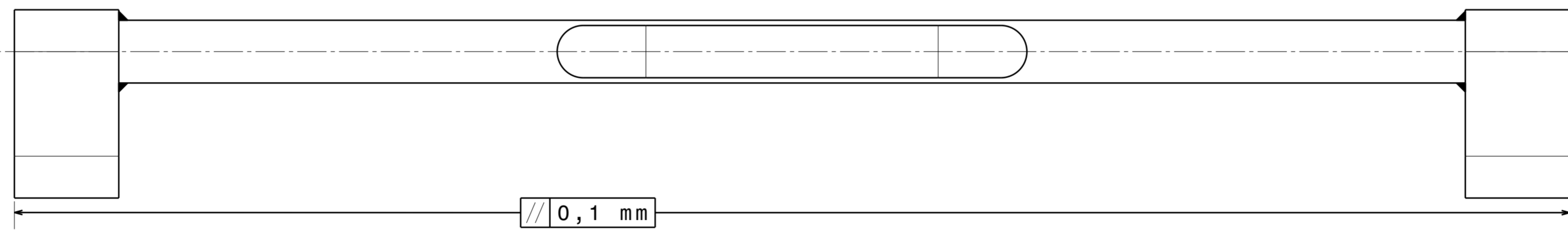
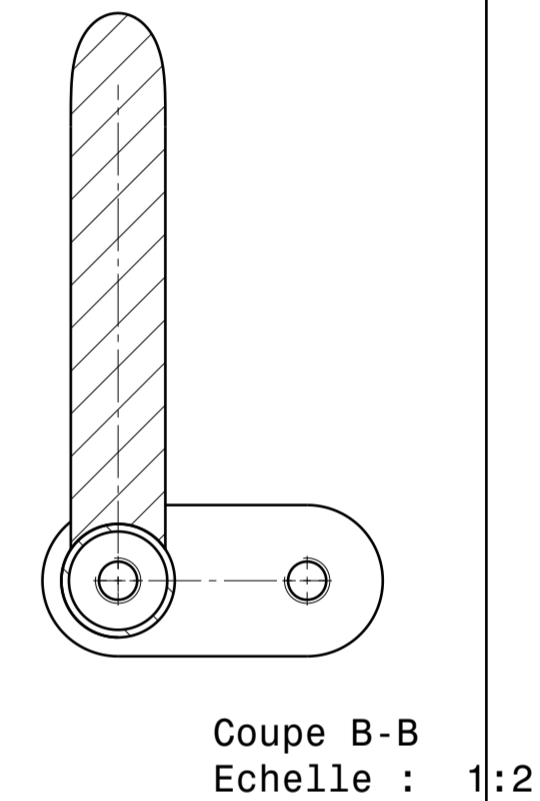
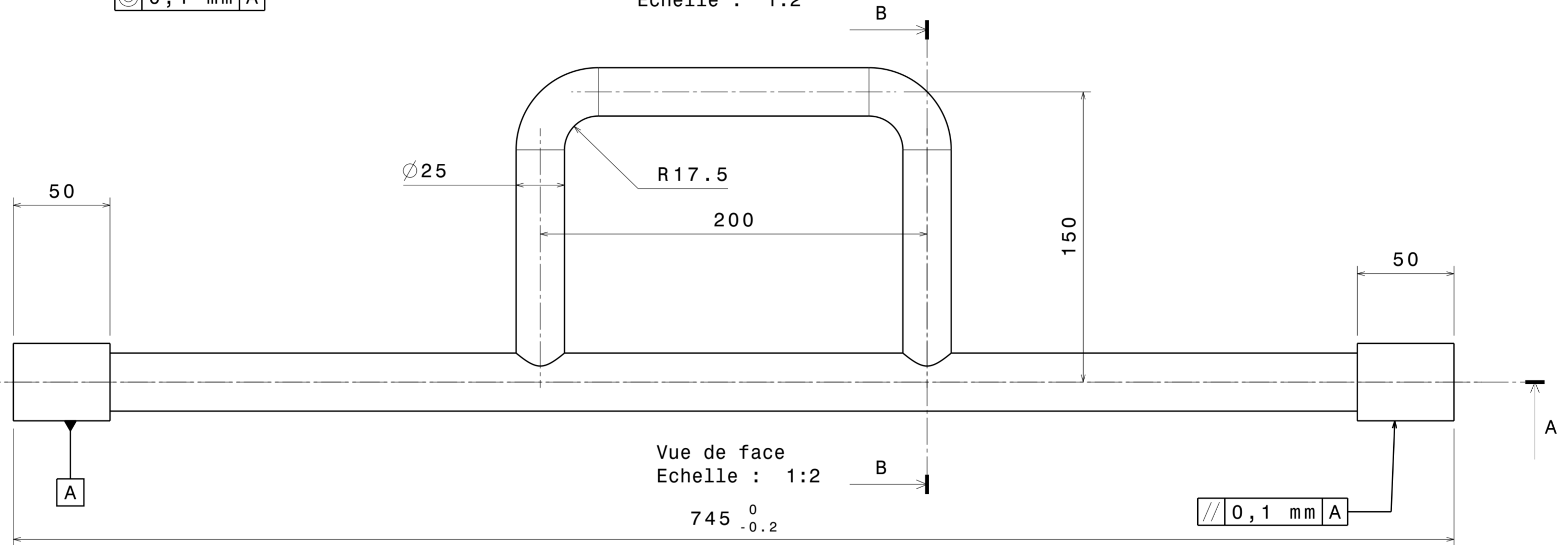
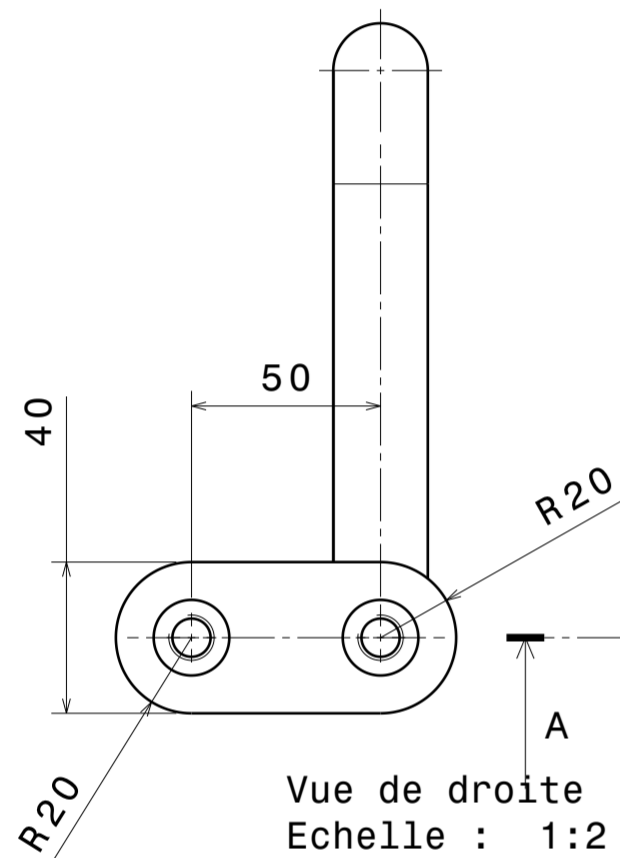
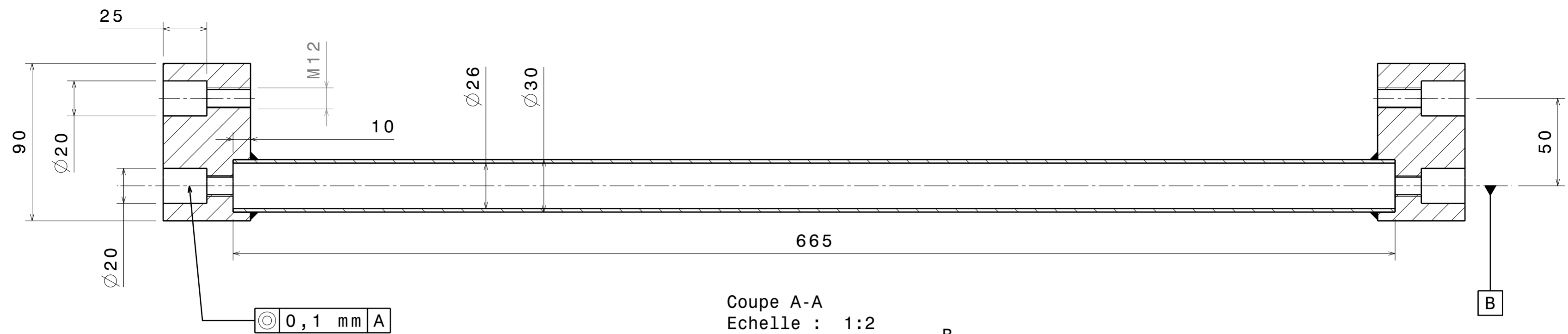




Coupe B-B  
Echelle : 2:1



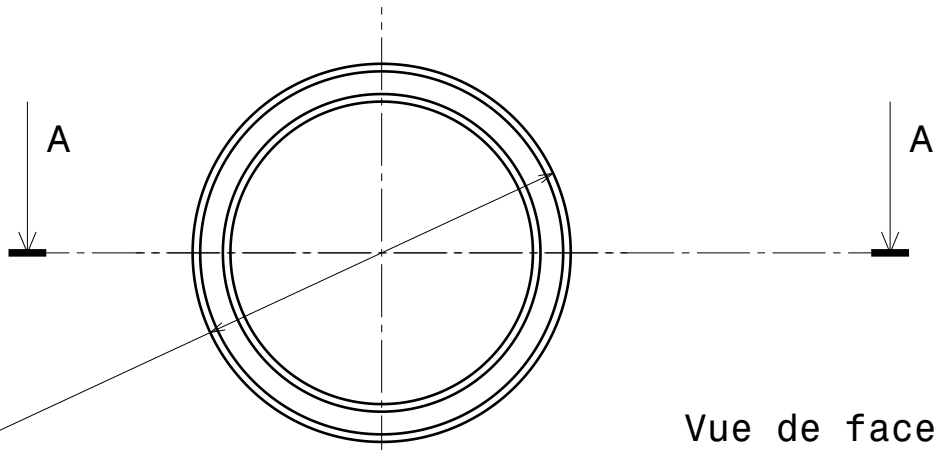
Modification		Author	Date
Material: 304L	Ra: 6.3	Project: 064 VIRGO	
Traitement: /	Tol: ISO 2768 mK	Experiment: 01 MT Detection	
Qty: 2	Mass: 55 Kg	Set: 000Mini tour	
	Dims: mm	Nomencl: /	
0 1 2 3 4 50	Scale: 1/2 ; 2/1	Date: 2013 April 05	
Laboratoire d'Anney-le-Vieux de Physique des Particules BP 110, F-74941 Anney-Le-Vieux CEDEX		bruno.lieunard@lapp.in2p3.fr Fax +33 4 50 27 94 95 Ph +33 4 50 09 55 80	
Fenetre oblong		064 01 005	A



Vue de dessus  
Echelle : 1:2

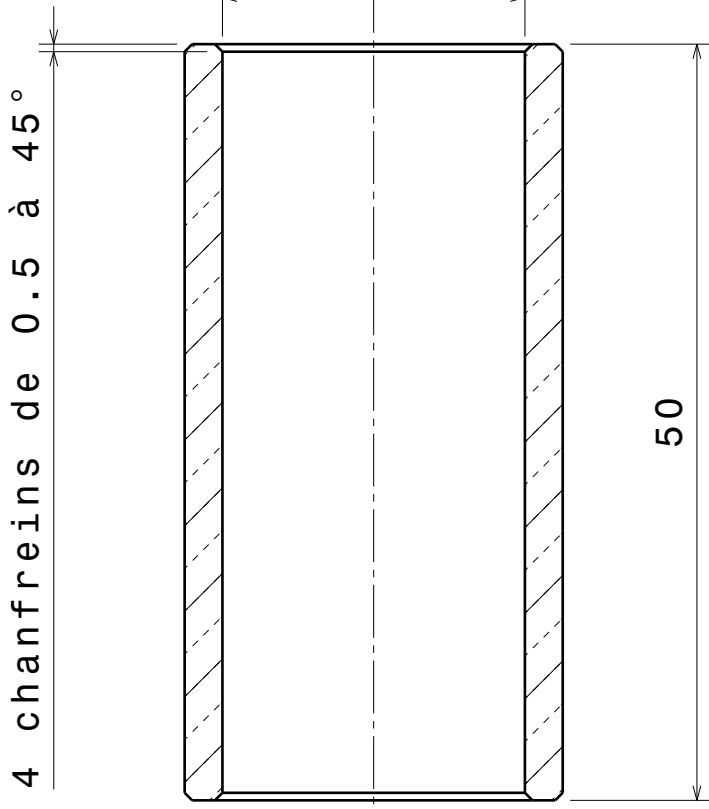
Modification		Author	Date	A	
Material:	304 L	Ra:	6.3	Project:	064 VIRGO
Traitement:	/	Tol:	ISO 2768 mK	Experiment:	01 MT Detection
Qty:	2	Mass:	5 Kg	Set:	000 MiniTour
		Dims:	mm	Nomencl:	
		Scale:	1/2	Date: 2013 April 05	
Laboratoire d'Annecy-le-Vieux de Physique des Particules BP 110, F-74941 Annecy-Le-Vieux CEDEX				bruno.lieunard@lapp.in2p3.fr Fax +33 4 50 27 94 95 Ph +33 4 50 09 55 80	
<b>Poignée Charnière</b>			<b>064 01 006</b>	<b>A</b>	

Ø 25 m6



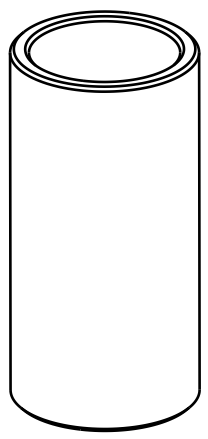
Vue de face  
Echelle : 2:1

Ø 20 H7



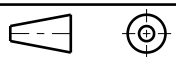
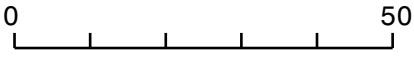
4 chanfreins de 0.5 à 45°

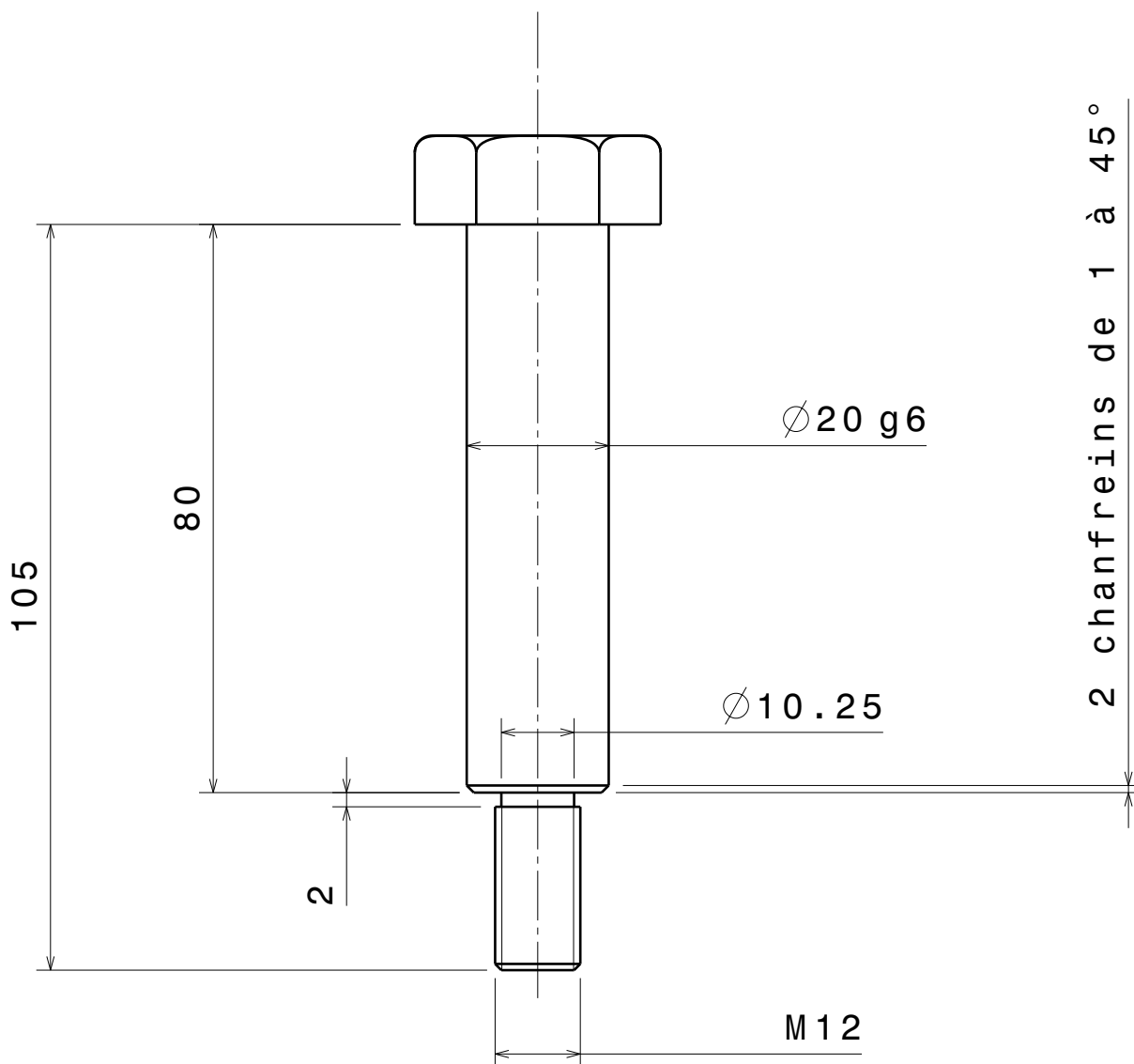
50



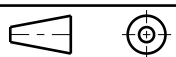
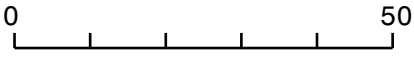
Vue isométrique  
Echelle : 1:1

Coupe A-A  
Echelle : 2:1

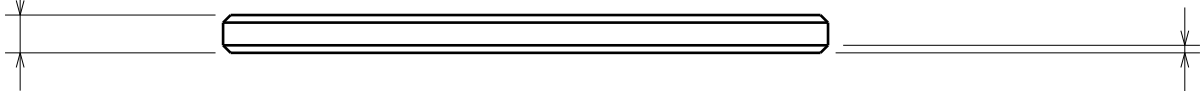
Modification		Author	Date	A
Material: UE 9 P	Ra: 3.2	Project: 064 VIRGO		
Traitement: /	Tol: ISO 2768 mK	Experiment: 01 MT Detection		
Qty: 8	Mass: 0,08 Kg	Set: 000 MiniTour		
	Dims: mm	Nomencl:		
	Scale: 1/1	Date: 2013 April 05		
Laboratoire d'Anncy-le-vieux de Physique des Particules BP 110, F-74941 Annecy-Le-Vieux CEDEX		bruno.lieunard@lapp.in2p3.fr Fax +33 4 50 27 94 95 Ph +33 4 50 09 55 80		
<b>Bague Charnière</b>		<b>064 01 007</b>	<b>A</b>	



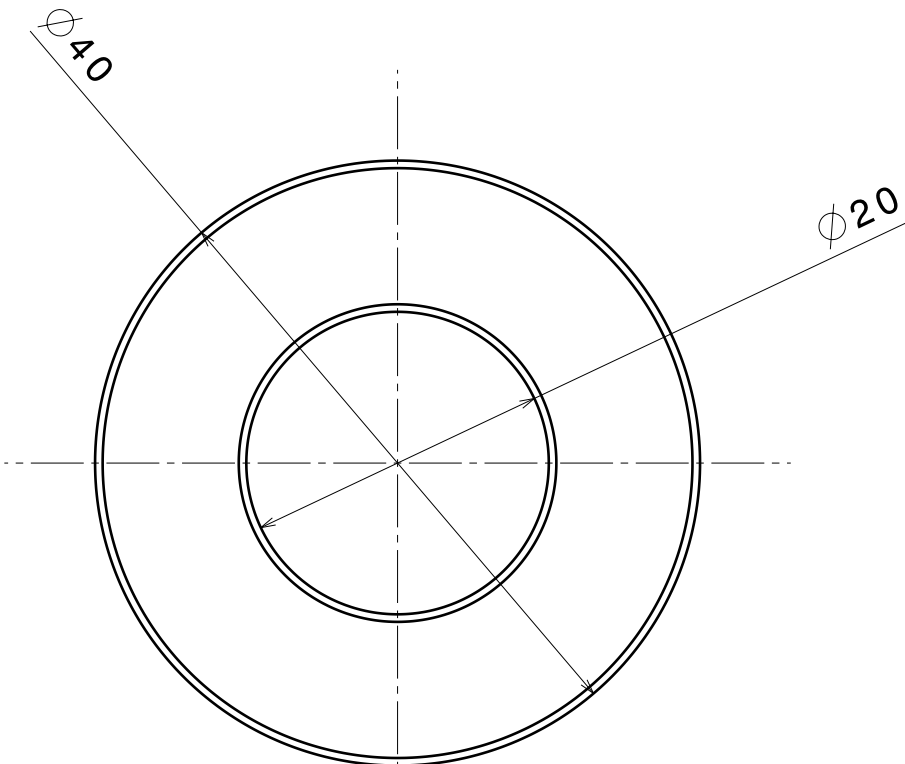
Vue de face  
Echelle : 1:1

Modification		Author	Date	A
Material: 42 CrMo 4	Ra: 3.2	Project: 064 VIRGO		
Traitement: /	Tol: ISO 2768 mK	Experiment: 01 MT Detection		
Qty: 8	Mass: 0,02 Kg	Set: 000 MiniTour		
	Dims: mm	Nomencl:		
	Scale: 1/1	Date: 2013 April 05		
Laboratoire d'Anecy-le-vieux de Physique des Particules BP 110, F-74941 Anecy-Le-Vieux CEDEX		bruno.lieunard@lapp.in2p3.fr Fax +33 4 50 27 94 95 Ph +33 4 50 09 55 80		
<b>Vis Charnière</b>		<b>064 01 008</b>	<b>B</b>	

2.5



Vue de face  
Echelle : 2:1



4 chanfreins de 0.5 à 45°

Vue de dessus  
Echelle : 2:1

Modification		Author	Date	A
Material:	UE 9 P	Ra:	3.2	Project: 064 VIRGO
Traitement:	/	Tol:	ISO 2768 mK	Experiment: 01 MT Detection
Qty:	4	Mass:	Kg	Set: 000 MiniTour
		Dims:	mm	Nomencl:
		Scale:	1/1	Date: 2013 April 05
Laboratoire d'Anney-le-vieux de Physique des Particules BP 110, F-74941 Anney-Le-Vieux CEDEX			bruno.lieunard@lapp.in2p3.fr Fax +33 4 50 27 94 95 Ph +33 4 50 09 55 80	
<b>Rondelle d'appui</b>			<b>064 01 009</b>	<b>-</b>