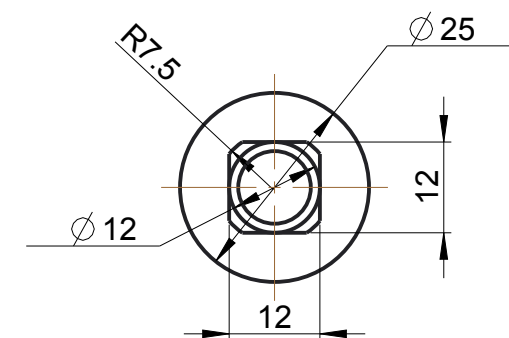
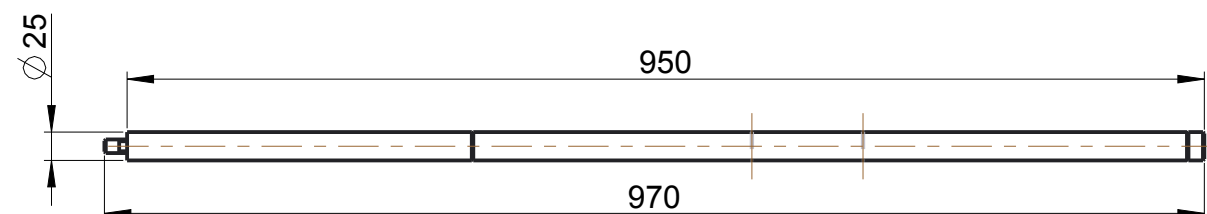
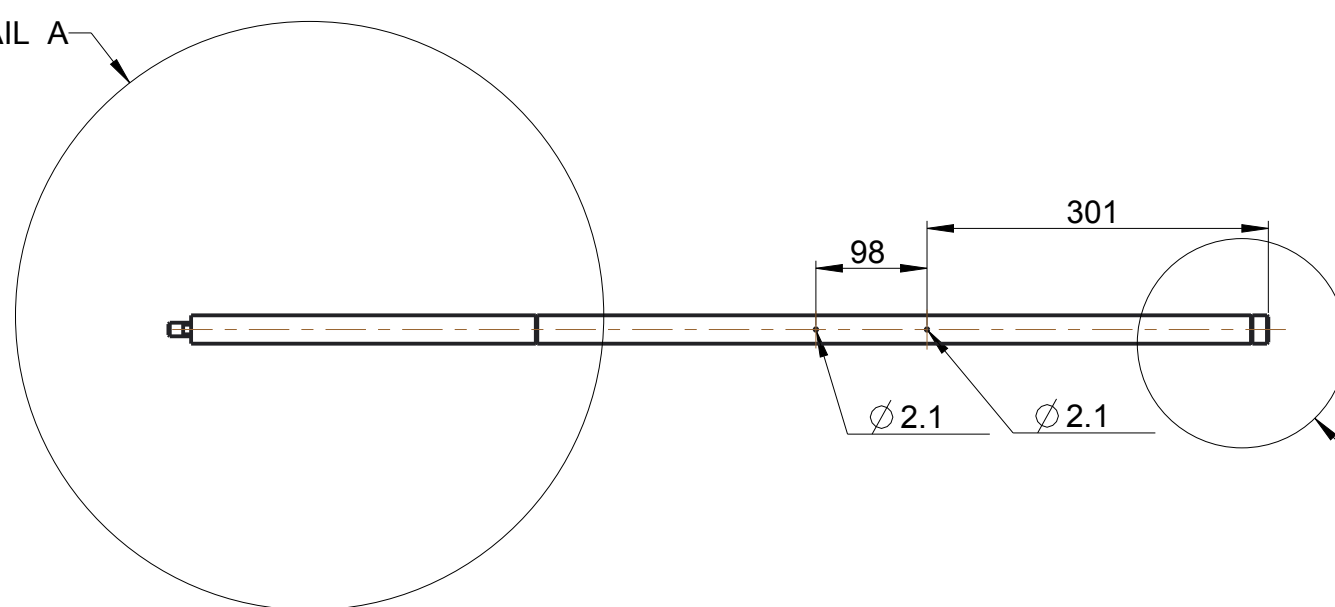


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| ACTUELLE | | | | | |
| PRECEDENTE | | | | | |
| EDITION | POSITION ET NATURE DE L'EVOLUTION | | | DOSSIER | AUTEUR |
| TOLERANCES GENERALES: +/- 0.1 mm | | | Ech: 1/4 | DESSINATEUR: F. RIEGEL | DATE: 09/09/2016 |
| DESIGNATION: ARBRE PIGNON | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | |
| CODE ARTICLE: - | | | MATERIE: INOX_A4 | | |
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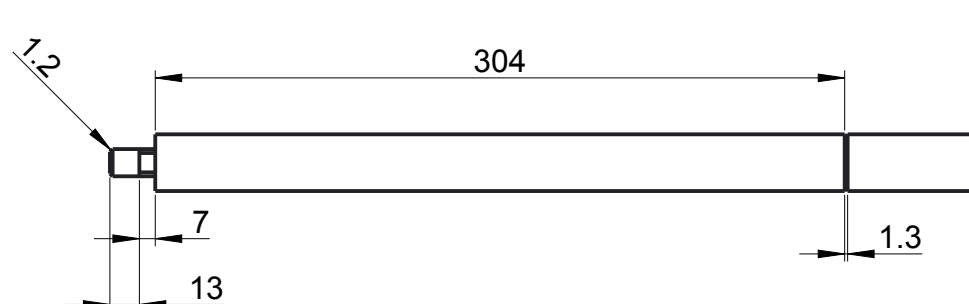


DETAIL C
ECHELLE 1/1

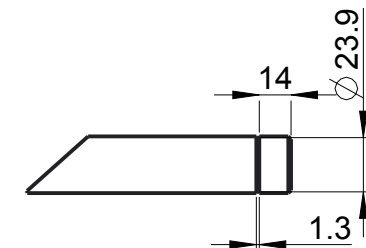
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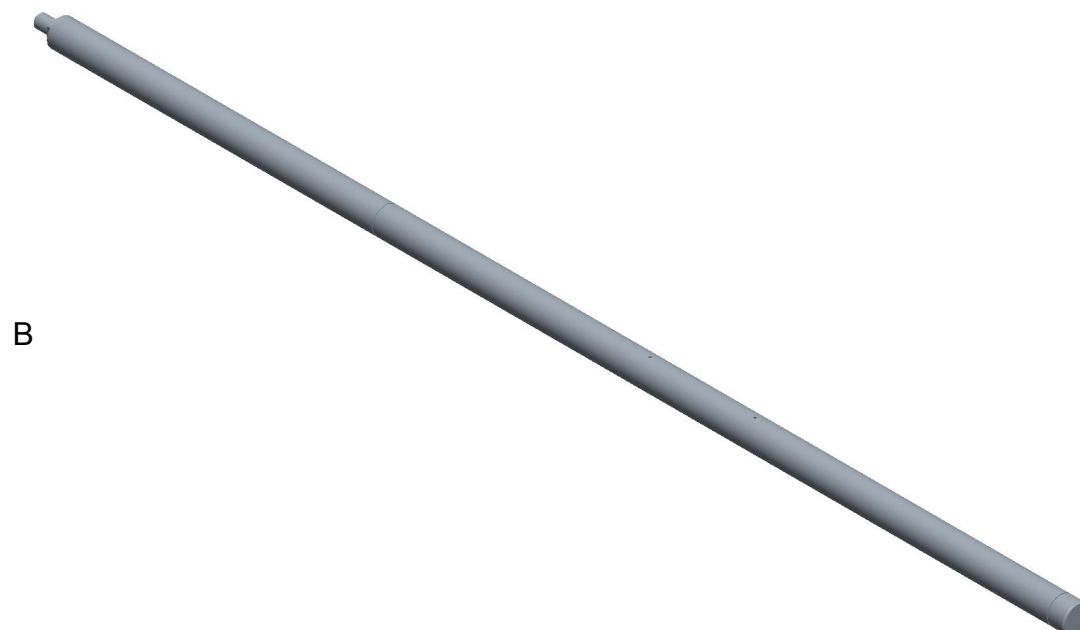
VOIR DETAIL B



DETAIL A
ECHELLE 3/10

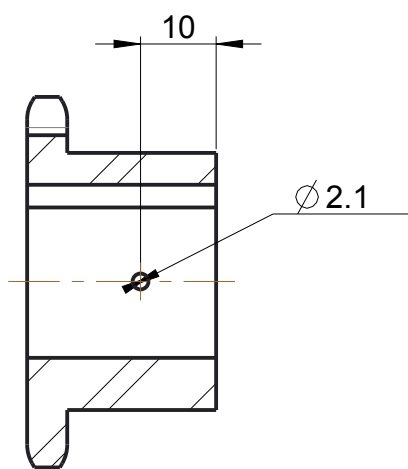
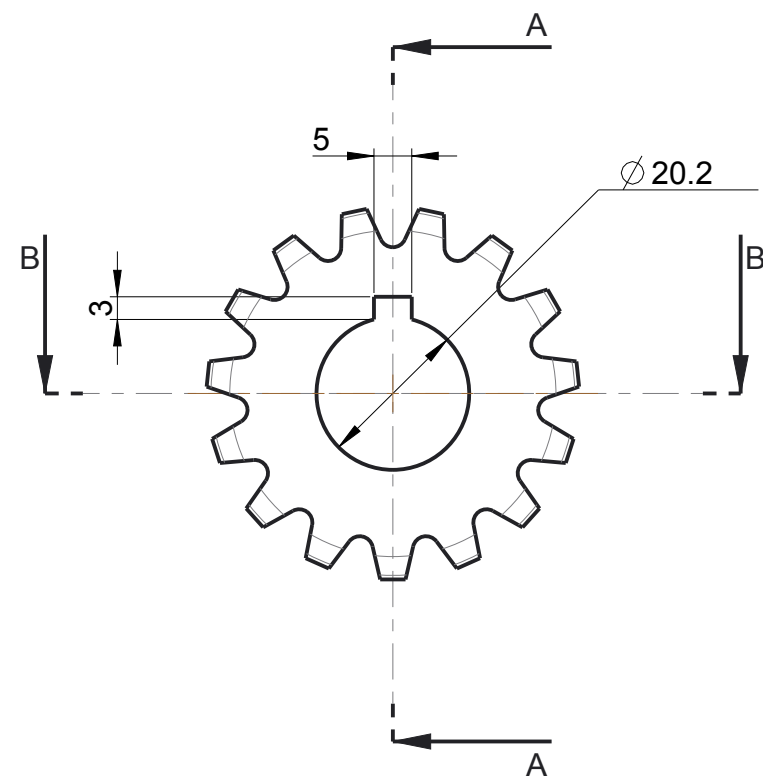


DETAIL B
ECHELLE 3/10

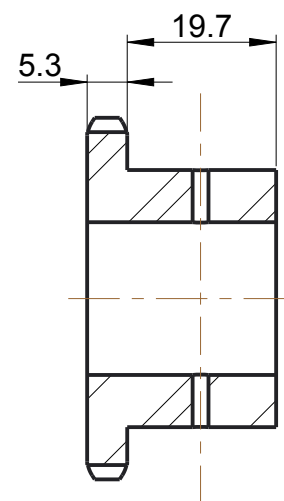
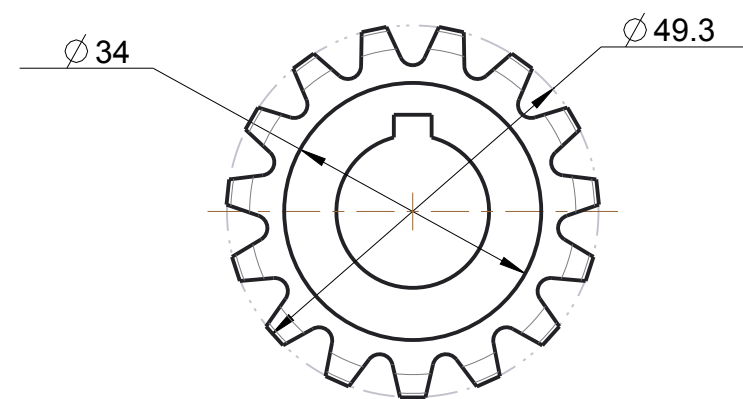


ECHELLE 1/5

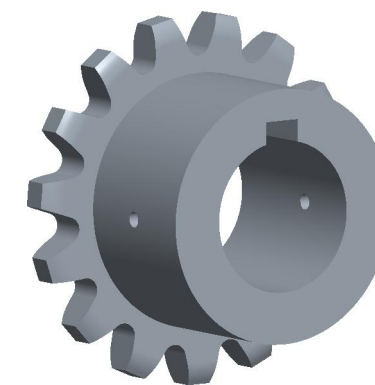
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| Archive le | par | Visa | Valide le | par | Visa |
| ACTUELLE | | | | | |
| PRECEDENTE | | | | | |
| EDITION | POSITION ET NATURE DE L'EVOLUTION | | | DOSSIER | AUTEUR |
| TOLERANCES GENERALES: +/- 0.1 mm | | | Ech: 3/20 | DESSINATEUR: F. RIEGEL | DATE: 09/09/2016 |
| DESIGNATION: ARBRE PIVOT | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | |
| CODE ARTICLE: - | | | MATERIE: INOX_A4 | | |
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COUPE A-A



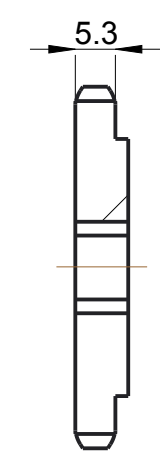
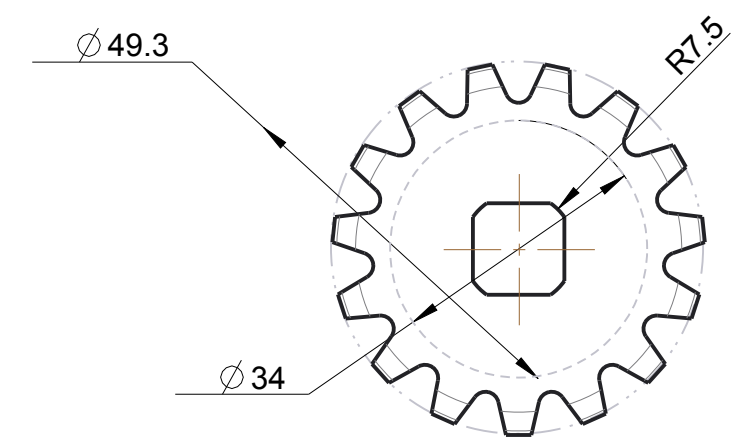
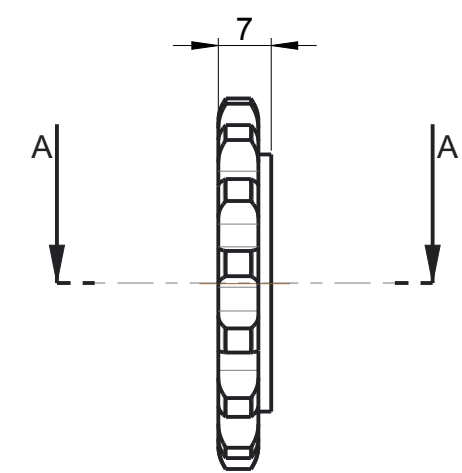
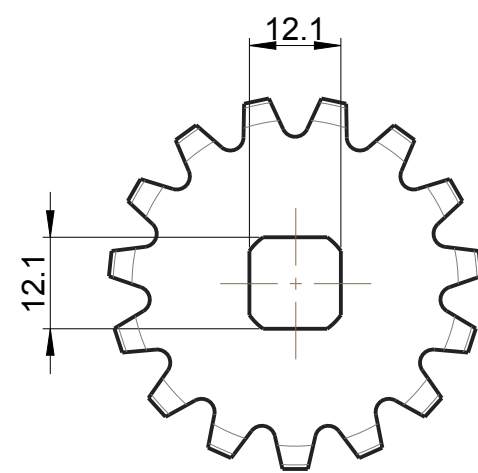
COUPE B-B



ECHELLE 1/1

NOTE : PIGNON STANDARD USINE
- PAS = 9.525 mm
- 15 DENTS
- ØP = 45.81 mm

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| ACTUELLE | | | | | |
| PRECEDENTE | | | | | |
| EDITION | POSITION ET NATURE DE L'EVOLUTION | | | DOSSIER | AUTEUR |
| TOLERANCES GENERALES: +/- 0.1 mm | | | Ech: 1/1 | DESSINATEUR: F. RIEGEL | DATE: 09/09/2016 |
| DESIGNATION: PIGNON MENANT | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | |
| CODE ARTICLE: - | | MATIERE: INOX_A4 | | CE DOCUMENT EST PROPRIETE D'HYDROTUBE ENERGIE. TOUTE DUPLICATION EST INTERDITE. TOUTS DROITS RESERVES. THIS DOCUMENT IS HYDROTUBE ENERGIE PROPERTY. DUPLICATION FORBIDDEN. ALL RIGHTS RESERVED. | FORMAT: A3 FOLIO: 1/1 |



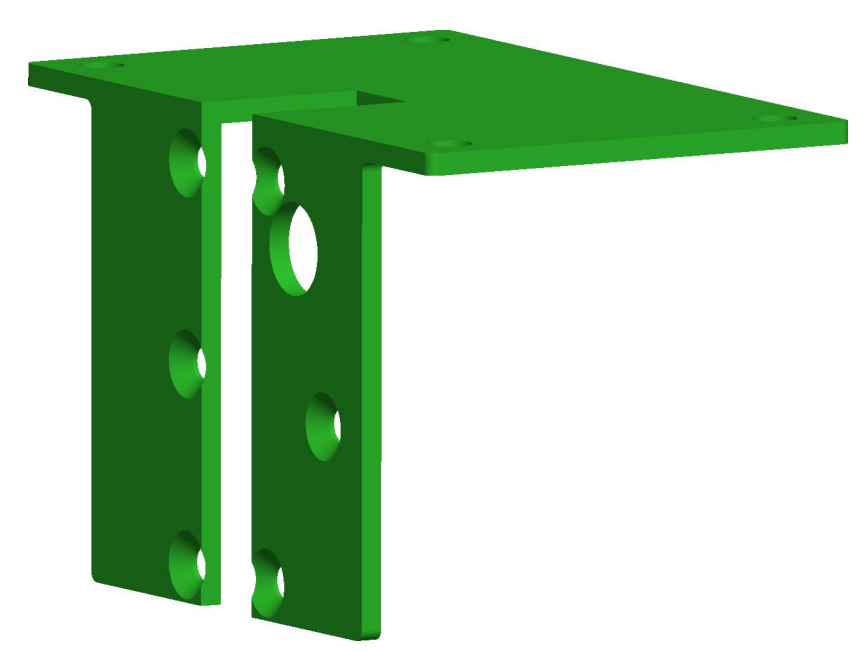
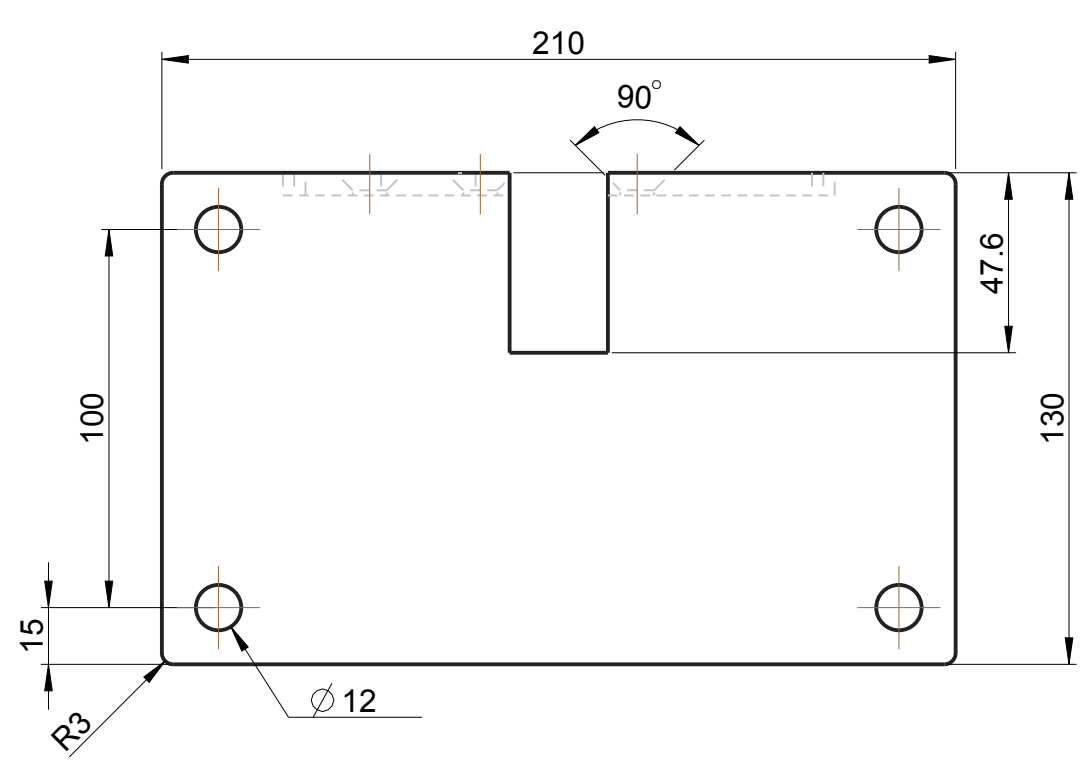
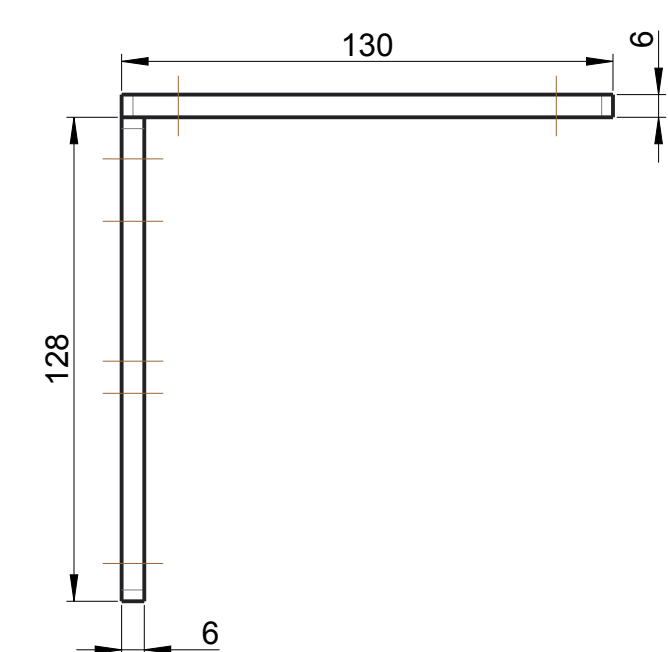
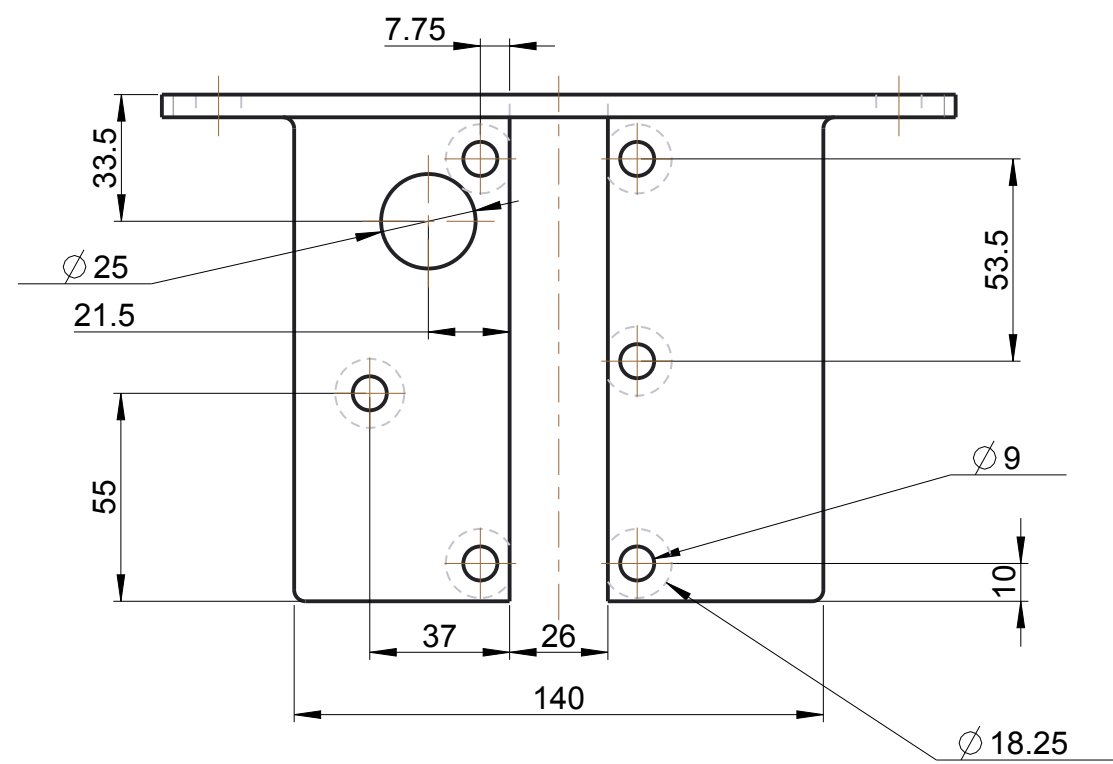
COUPE A-A



ECHELLE 1/1

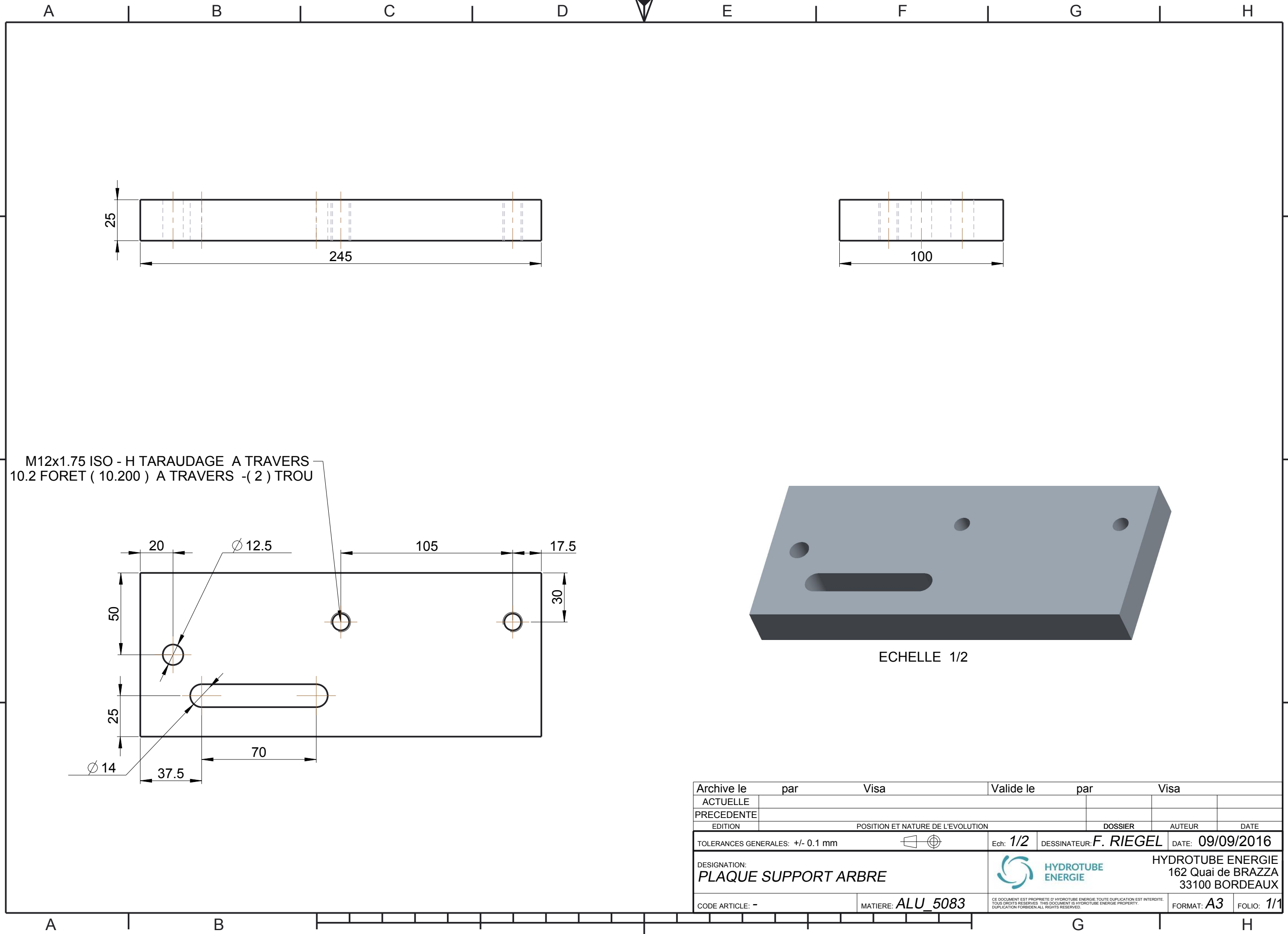
NOTE : PIGNON STANDARD USINE
- PAS = 9.525 mm
- 15 DENTS
- ØP = 45.81 mm

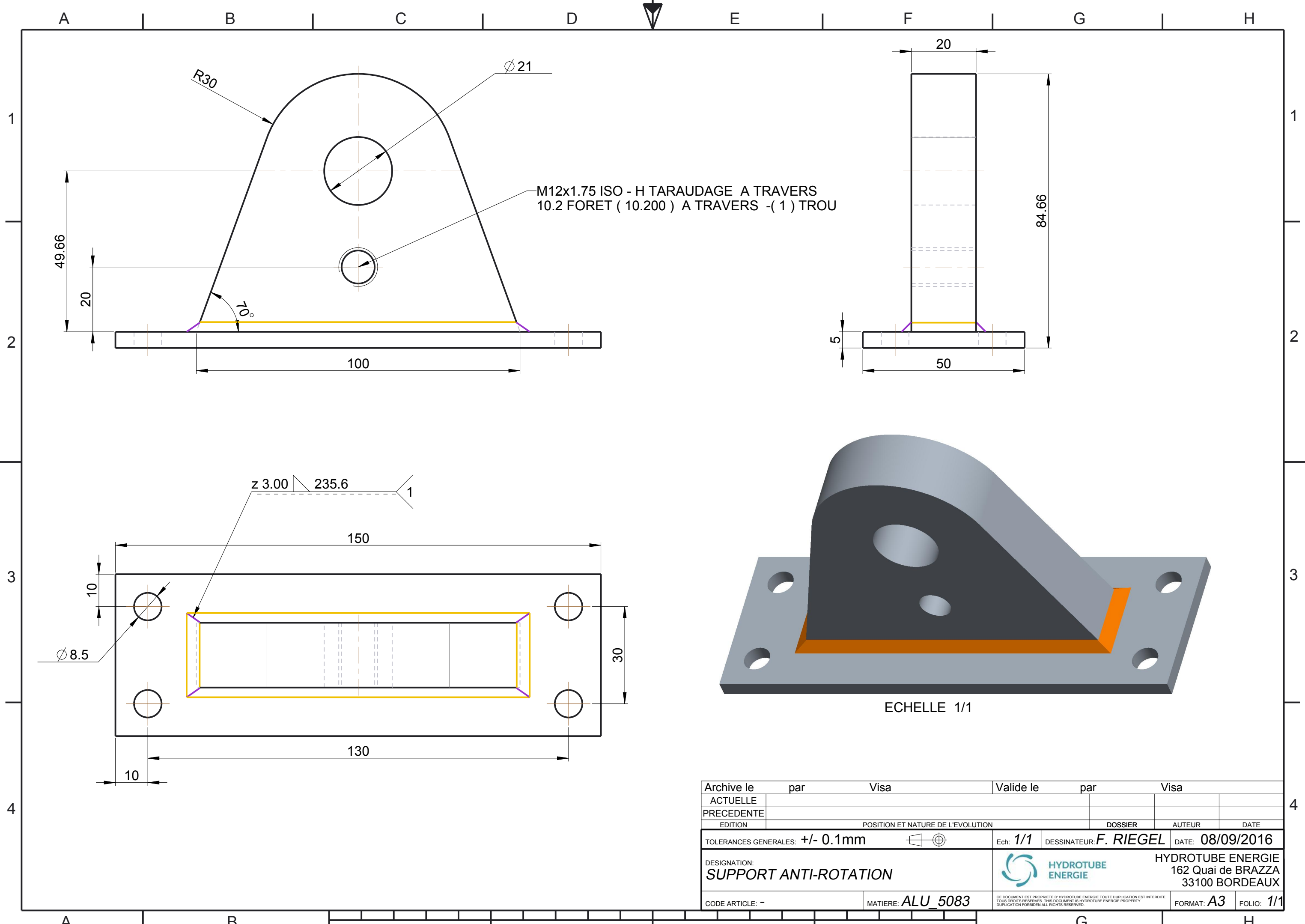
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| PRECEDENTE | | | | | |
| EDITION | POSITION ET NATURE DE L'EVOLUTION | | | DOSSIER | AUTEUR |
| TOLERANCES GENERALES: +/- 0.1 mm | | | Ech: 1/1 | DESSINATEUR: F. RIEGEL | DATE: 09/09/2016 |
| DESIGNATION: PIGNON MENE | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | |
| CODE ARTICLE: - | | | MATERIE: INOX_A4 | | |
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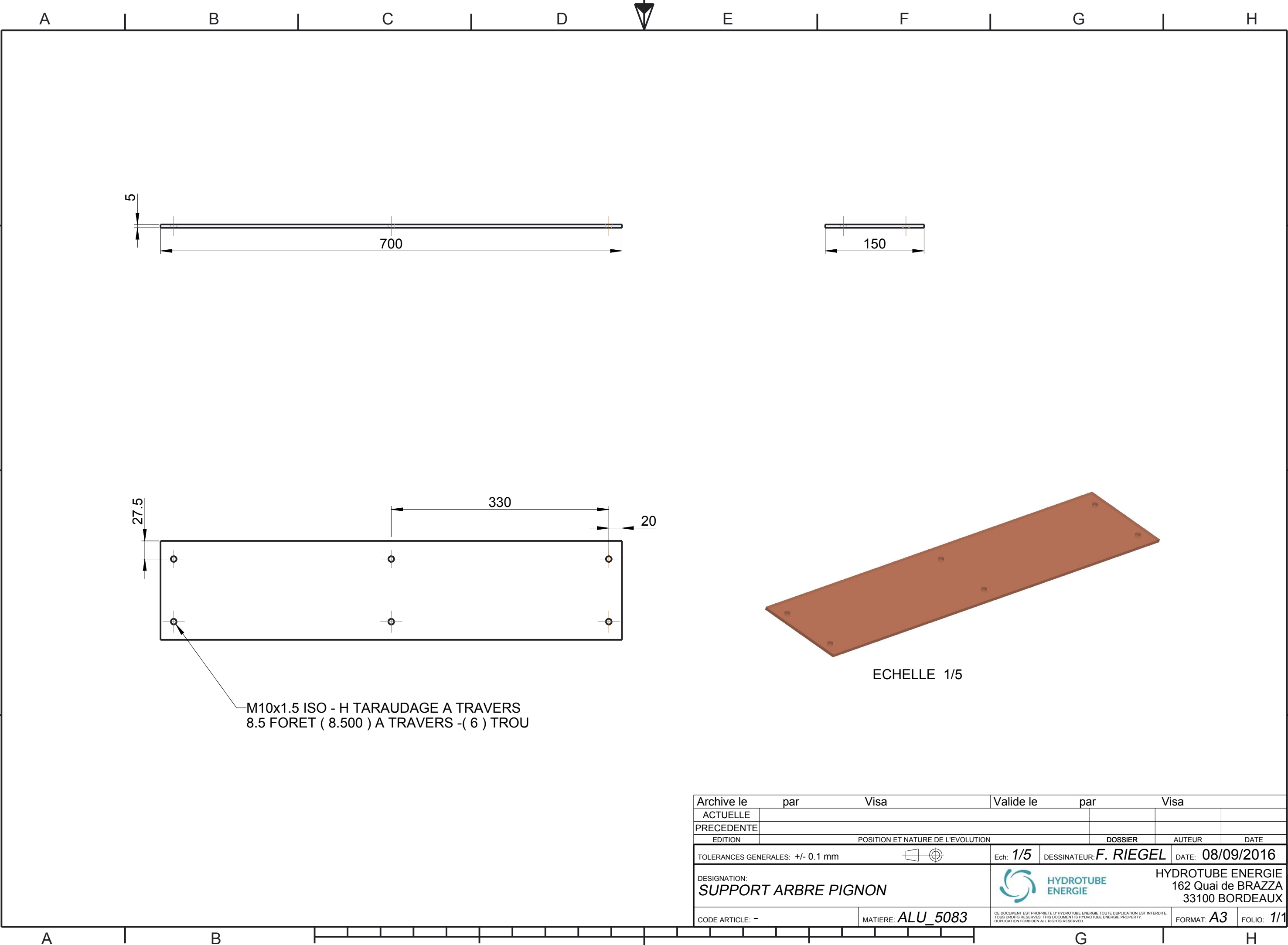
ECHELLE 1/2

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| EDITION | POSITION ET NATURE DE L'EVOLUTION | | | DOSSIER | AUTEUR |
| TOLERANCES GENERALES: +/- 0.1 mm | | | Ech: 1/2 | DESSINATEUR: F. RIEGEL | DATE: 08/09/2016 |
| DESIGNATION: SUPPORT BOITIER | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | |
| CODE ARTICLE: - | | | MATERIE: ACIER_XC48 | | |
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| | | | FORMAT: A3 | | |
| | | | FOLIO: 1/1 | | |



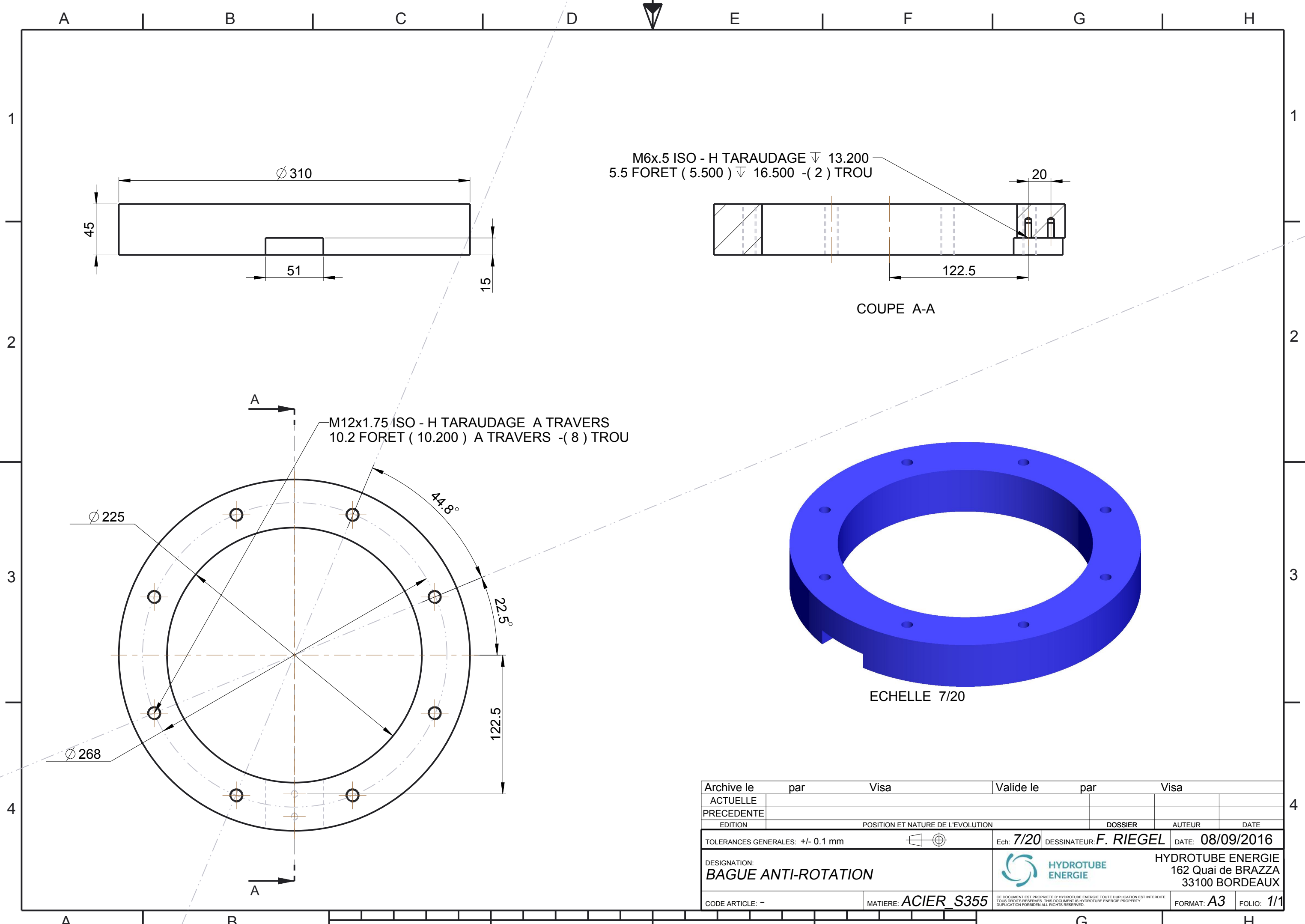


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| PRECEDENTE | | | | | |
| EDITION | POSITION ET NATURE DE L'EVOLUTION | | | DOSSIER | AUTEUR |
| TOLERANCES GENERALES: +/- 0.1mm | | | Ech: 1/1 | DESSINATEUR: F. RIEGEL | DATE: 08/09/2016 |
| DESIGNATION: SUPPORT ANTI-ROTATION | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | |
| CODE ARTICLE: - | | | MATERIE: ALU_5083 | | |
| CE DOCUMENT EST PROPRIETE D'HYDROTUBE ENERGIE. TOUTE DUPLICATION EST INTERDITE. TOUTS DROITS RESERVES. THIS DOCUMENT IS HYDROTUBE ENERGIE PROPERTY. DUPLICATION FORBIDDEN. ALL RIGHTS RESERVED. | | | FORMAT: A3 FOLIO: 1/1 | | |

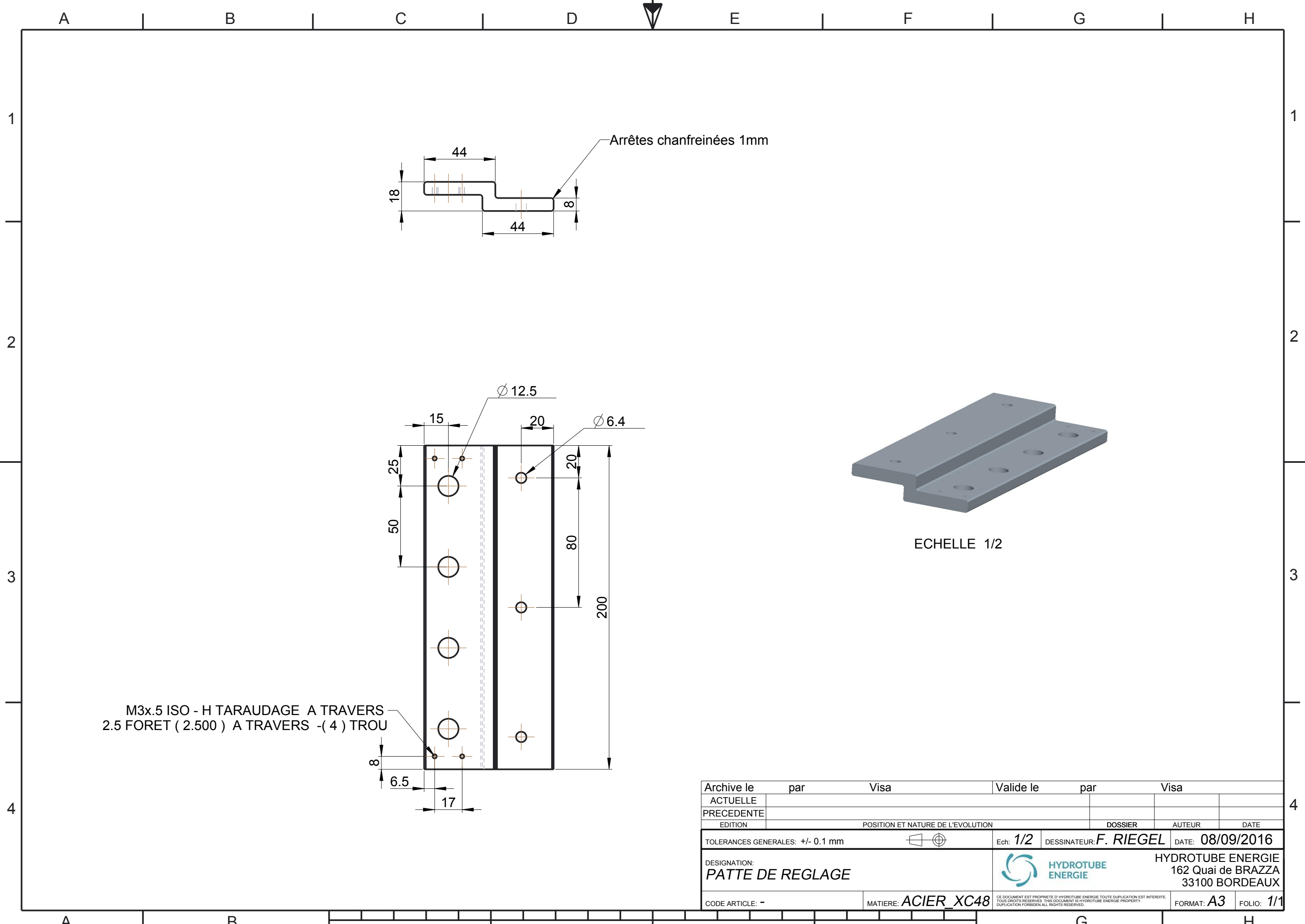


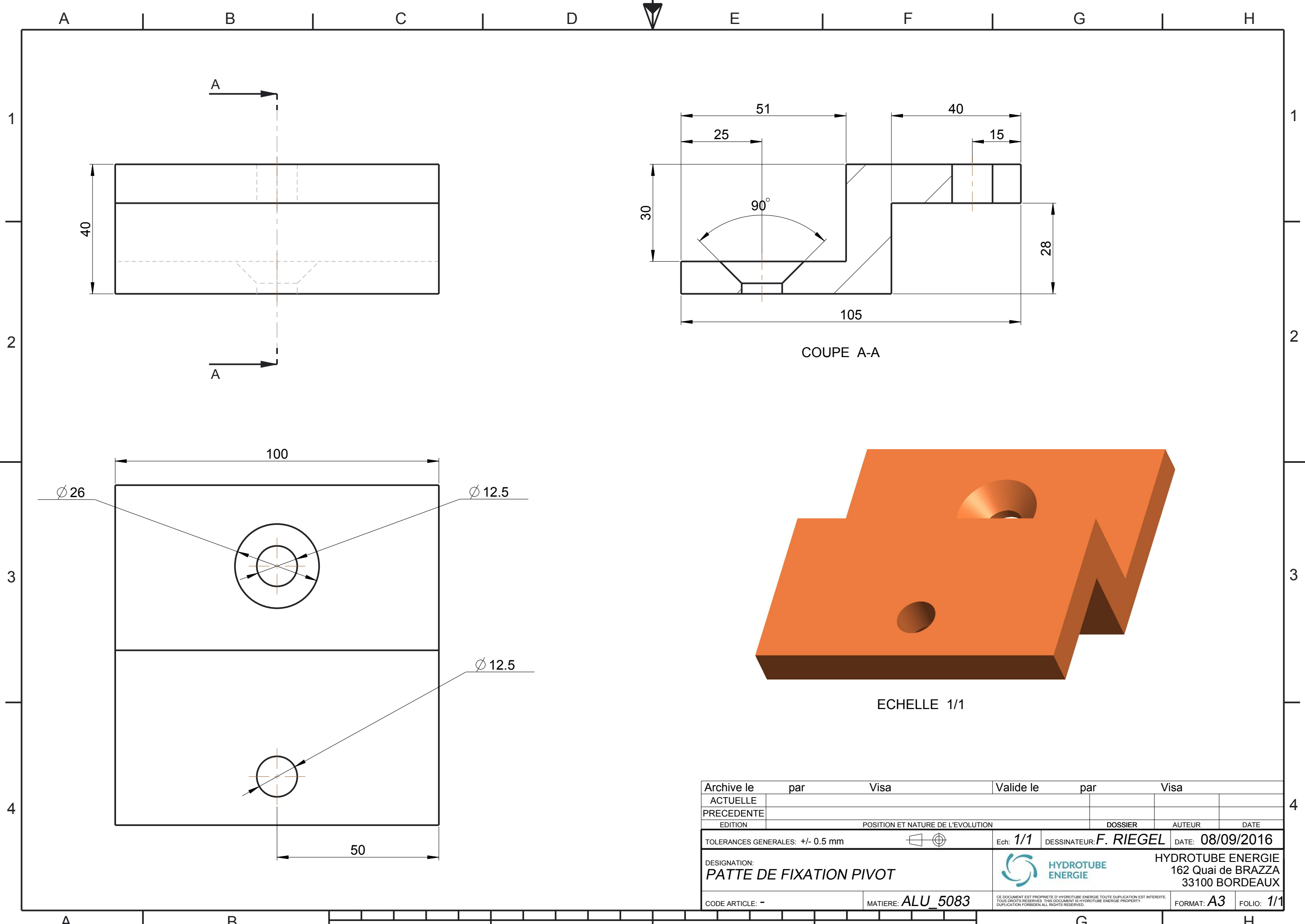
M10x1.5 ISO - H TARAUDAGE A TRAVERS
8.5 FORET (8.500) A TRAVERS -(6) TROU

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| EDITION | | POSITION ET NATURE DE L'EVOLUTION | | | | | | DOSSIER | | AUTEUR | |
| | | | | | | | | | | | |
| TOLERANCES GENERALES: +/- 0.1 mm | | | |  | | Ech: 1/5 | | DESSINATEUR: F. RIEGEL | | DATE: 08/09/2016 | |
| DESIGNATION: SUPPORT ARBRE PIGNON | | | |  HYDROTUBE ENERGIE | | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | | |
| CODE ARTICLE: - | | MATIERE: ALU_5083 | | | | CE DOCUMENT EST PROPRIETE D'HYDROTUBE ENERGIE.TOUTE DUPLICATION EST INTERDITE. TOUTS DROITS RESERVES THIS DOCUMENT IS HYDROTUBE ENERGIE PROPERTY. DUPLICATION FORBIDDEN ALL RIGHTS RESERVED. | | | | FORMAT: A3 | |
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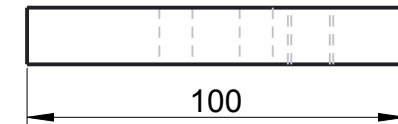
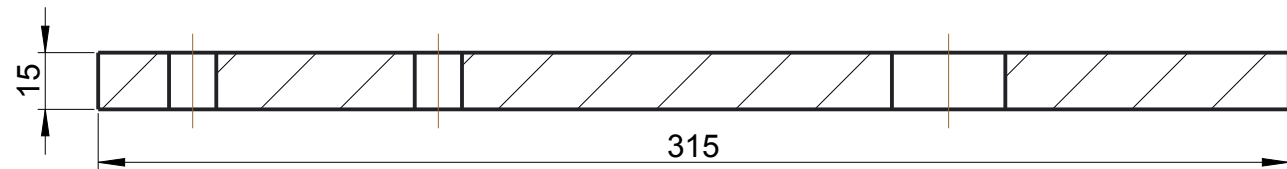


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| PRECEDENTE | | | | | |
| EDITION | POSITION ET NATURE DE L'EVOLUTION | | | DOSSIER | AUTEUR |
| TOLERANCES GENERALES: +/- 0.1 mm | | | Ech: 7/20 | DESSINATEUR: F. RIEGEL | DATE: 08/09/2016 |
| DESIGNATION: BAGUE ANTI-ROTATION | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | |
| CODE ARTICLE: - | | | MATERIE: ACIER_S355 | | |
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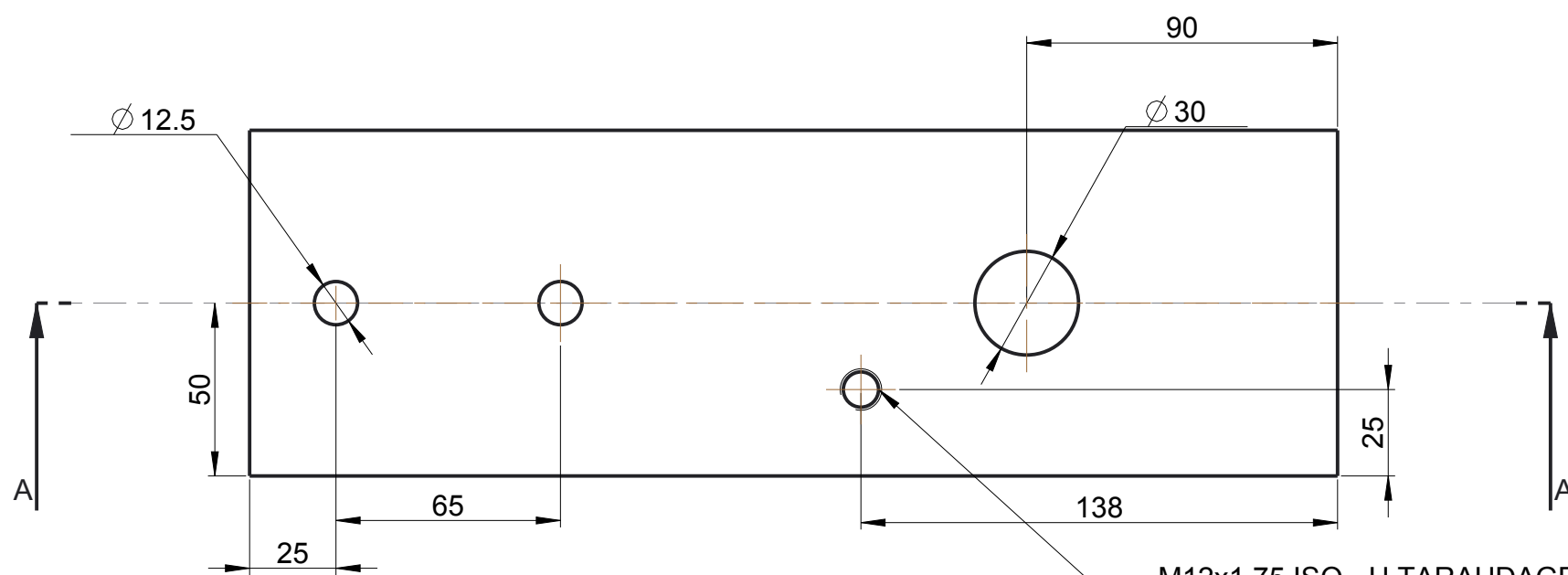




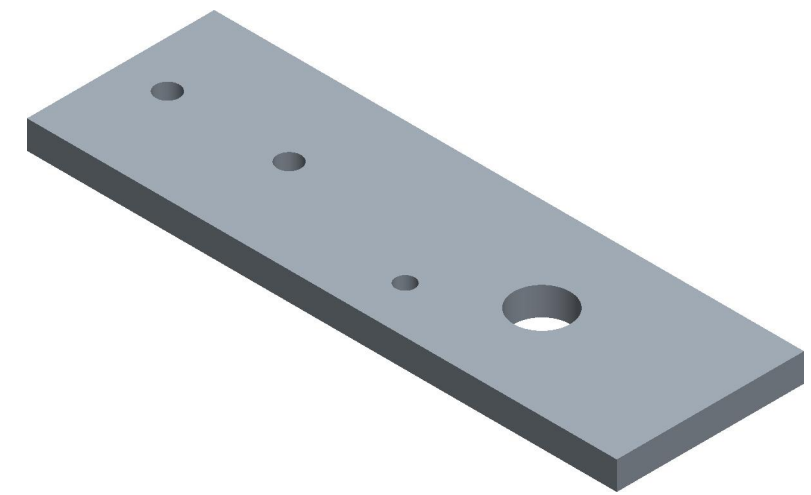
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| PRECEDENTE | | | | | |
| EDITION | POSITION ET NATURE DE L'EVOLUTION | | | DOSSIER | AUTEUR |
| TOLERANCES GENERALES: +/- 0.5 mm | | | Ech: 1/1 | DESSINATEUR: F. RIEGEL | DATE: 08/09/2016 |
| DESIGNATION: PATTE DE FIXATION PIVOT | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | |
| CODE ARTICLE: - | | | MATERIE: ALU_5083 | | |
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COUPE A-A

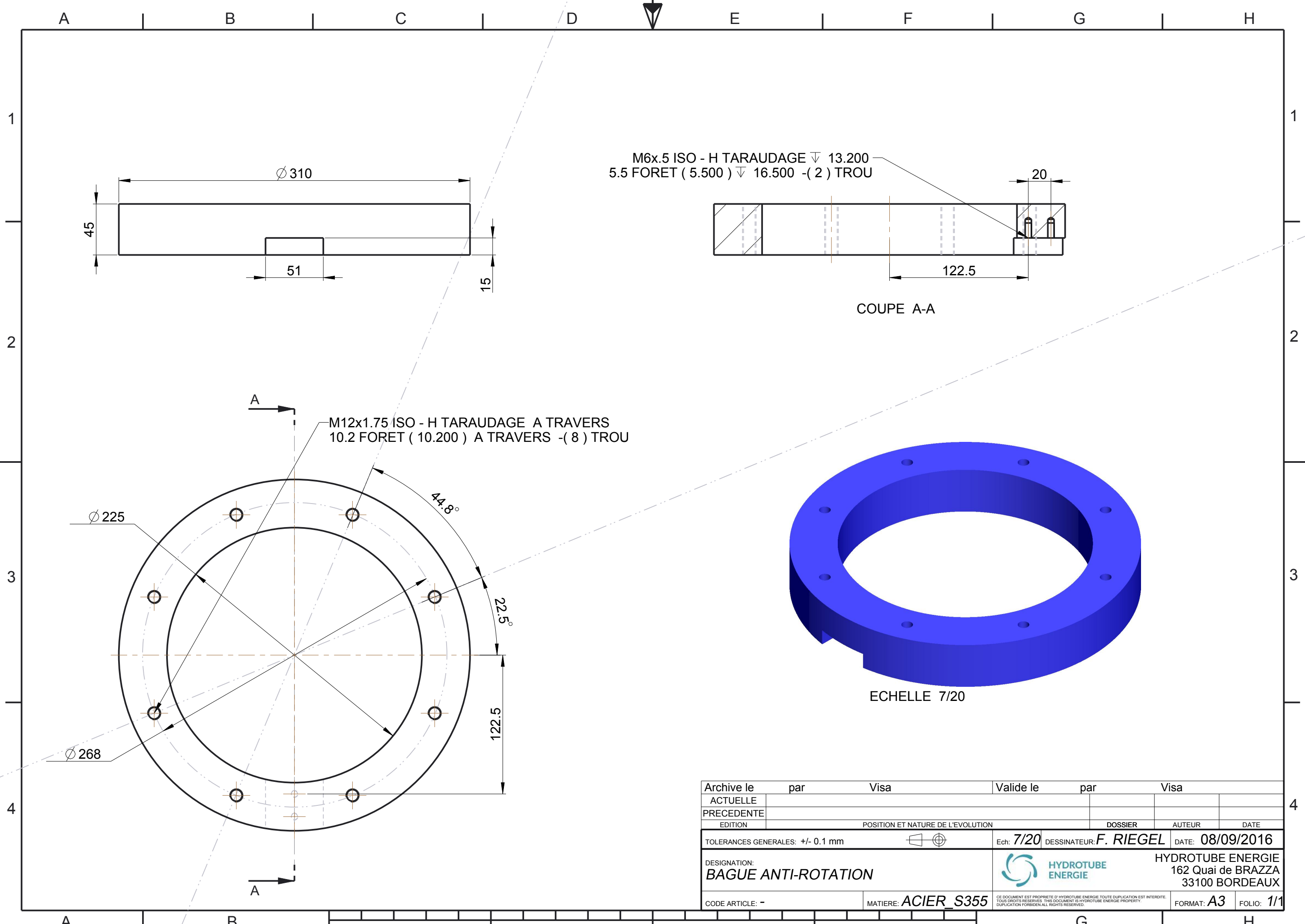


M12x1.75 ISO - H TARAUDAGE A TRAVERS
10.2 FORET (10.200) A TRAVERS -(1) TROU



ECHELLE 7/20

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| Archive le | par | Visa | Valide le | par | Visa |
| ACTUELLE | | | | | |
| PRECEDENTE | | | | | |
| EDITION | POSITION ET NATURE DE L'EVOLUTION | | | DOSSIER | AUTEUR |
| TOLERANCES GENERALES: +/- 0.1 mm | | | Ech: 1/2 | | |
| DESIGNATION: ENTRETOISE | | | DESSINATEUR: F. RIEGEL | | |
| CODE ARTICLE: - | | | DATE: 09/09/2016 | | |
| MATIERE: PA66 | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | |
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| Archive le | par | Visa | Valide le | par | Visa |
| ACTUELLE | | | | | |
| PRECEDENTE | | | | | |
| EDITION | POSITION ET NATURE DE L'EVOLUTION | | | DOSSIER | AUTEUR |
| TOLERANCES GENERALES: +/- 0.1 mm | | | Ech: 7/20 | DESSINATEUR: F. RIEGEL | DATE: 08/09/2016 |
| DESIGNATION: BAGUE ANTI-ROTATION | | | HYDROTUBE ENERGIE 162 Quai de BRAZZA 33100 BORDEAUX | | |
| CODE ARTICLE: - | | | MATERIE: ACIER_S355 | | |
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| | | | FORMAT: A3 | | |
| | | | FOLIO: 1/1 | | |