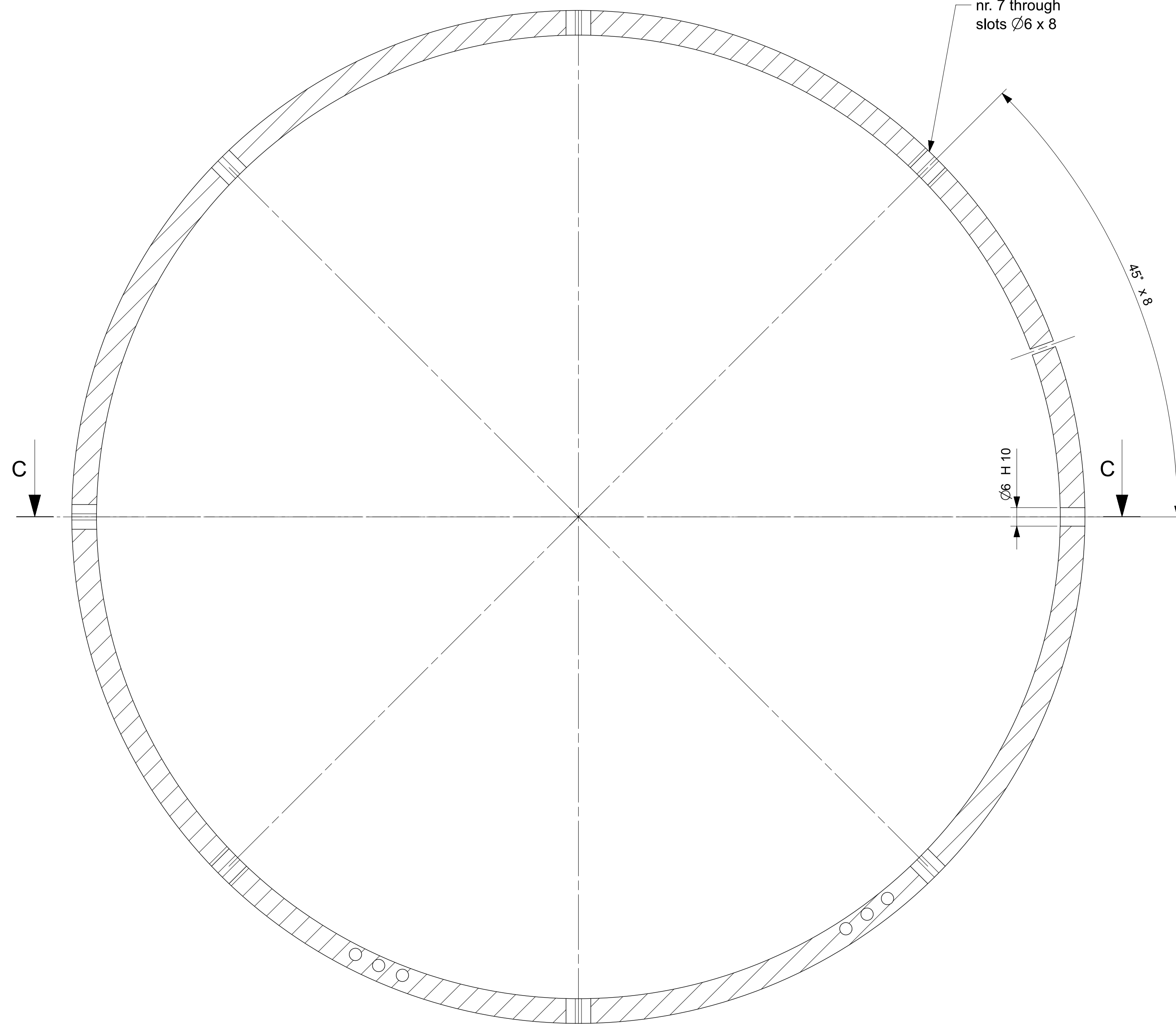
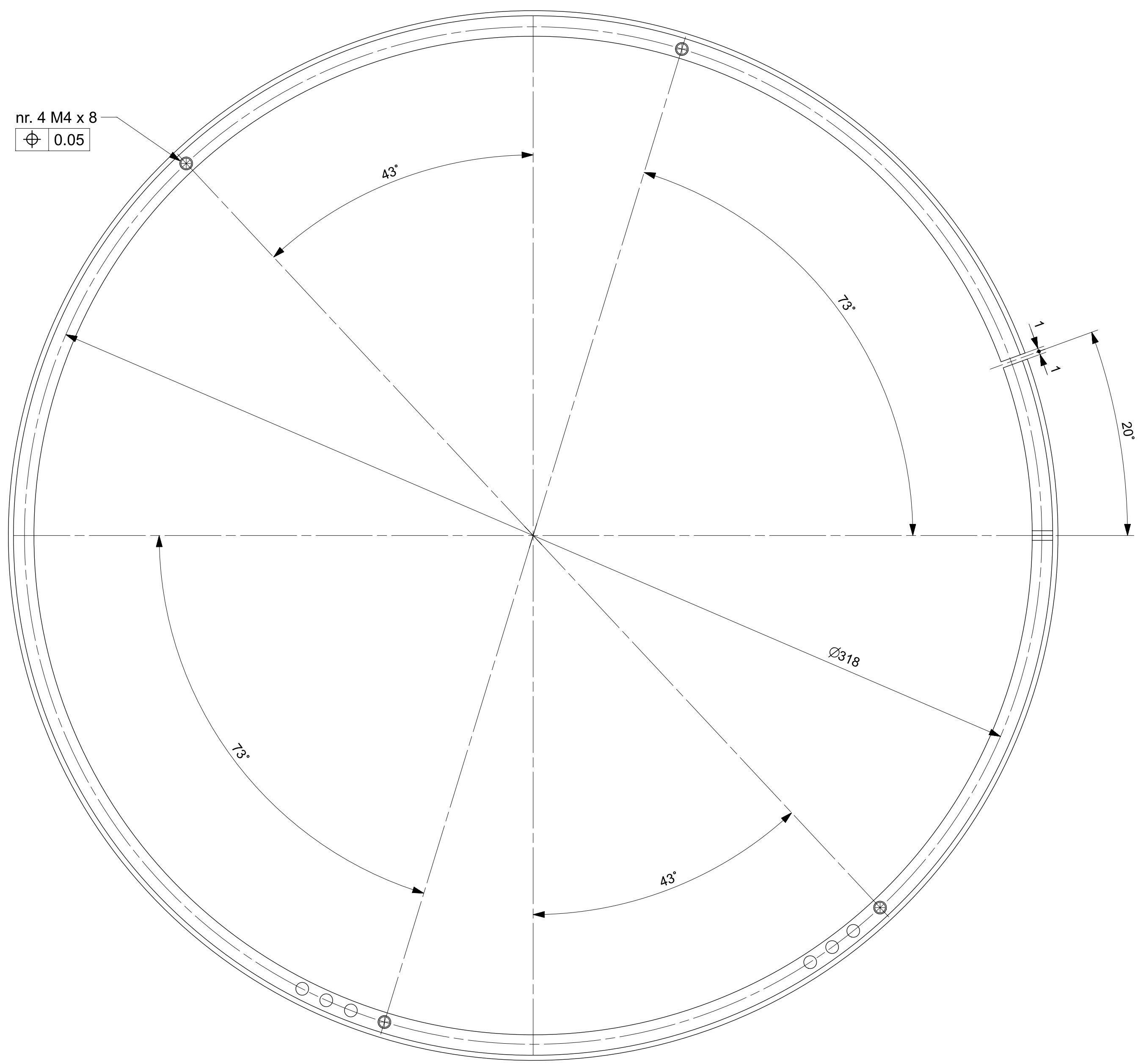
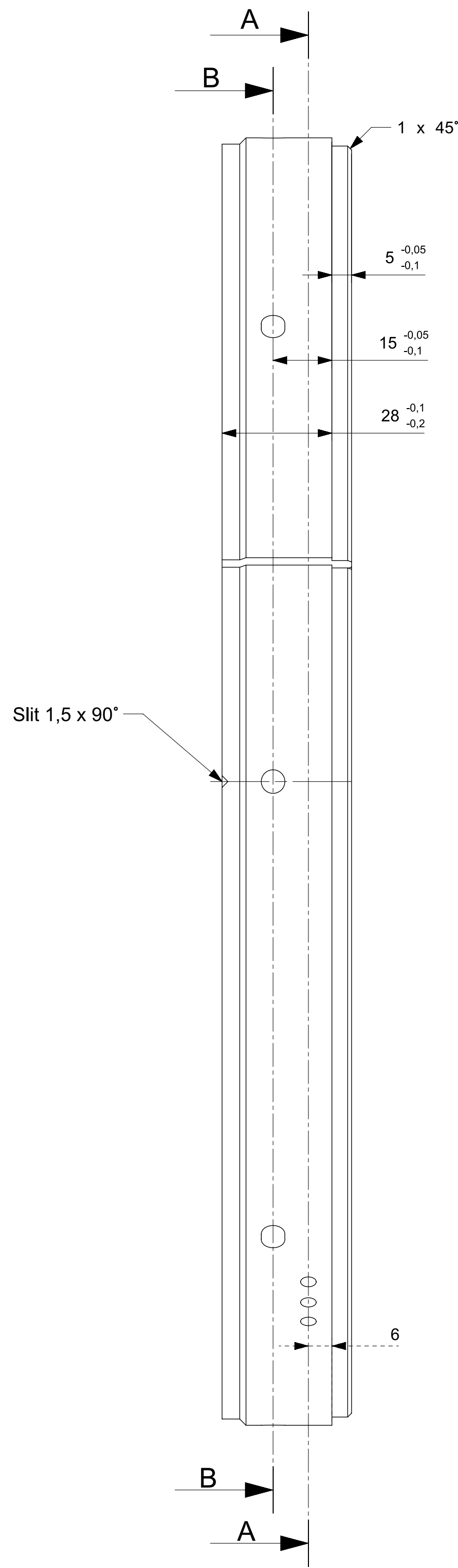


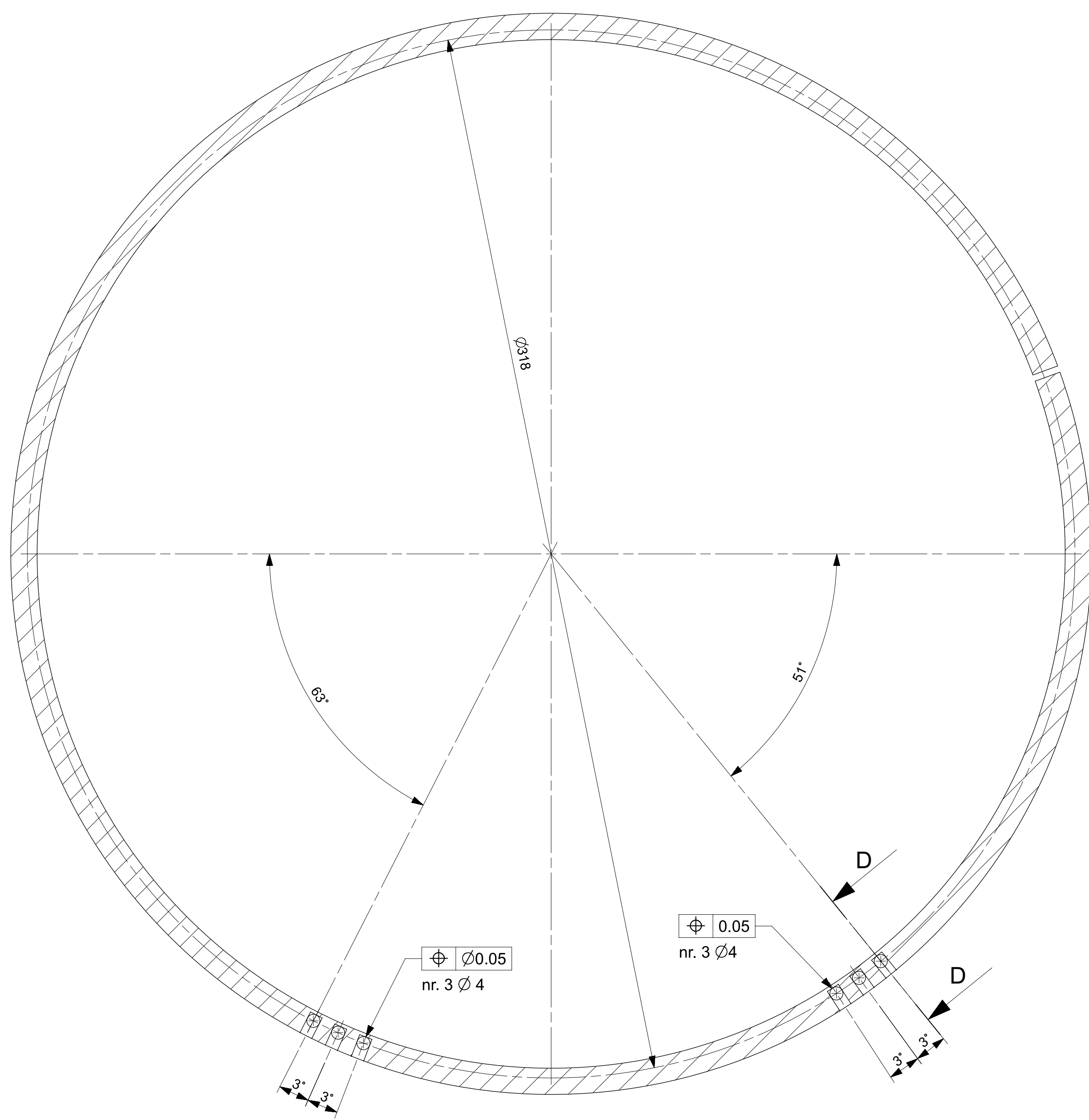
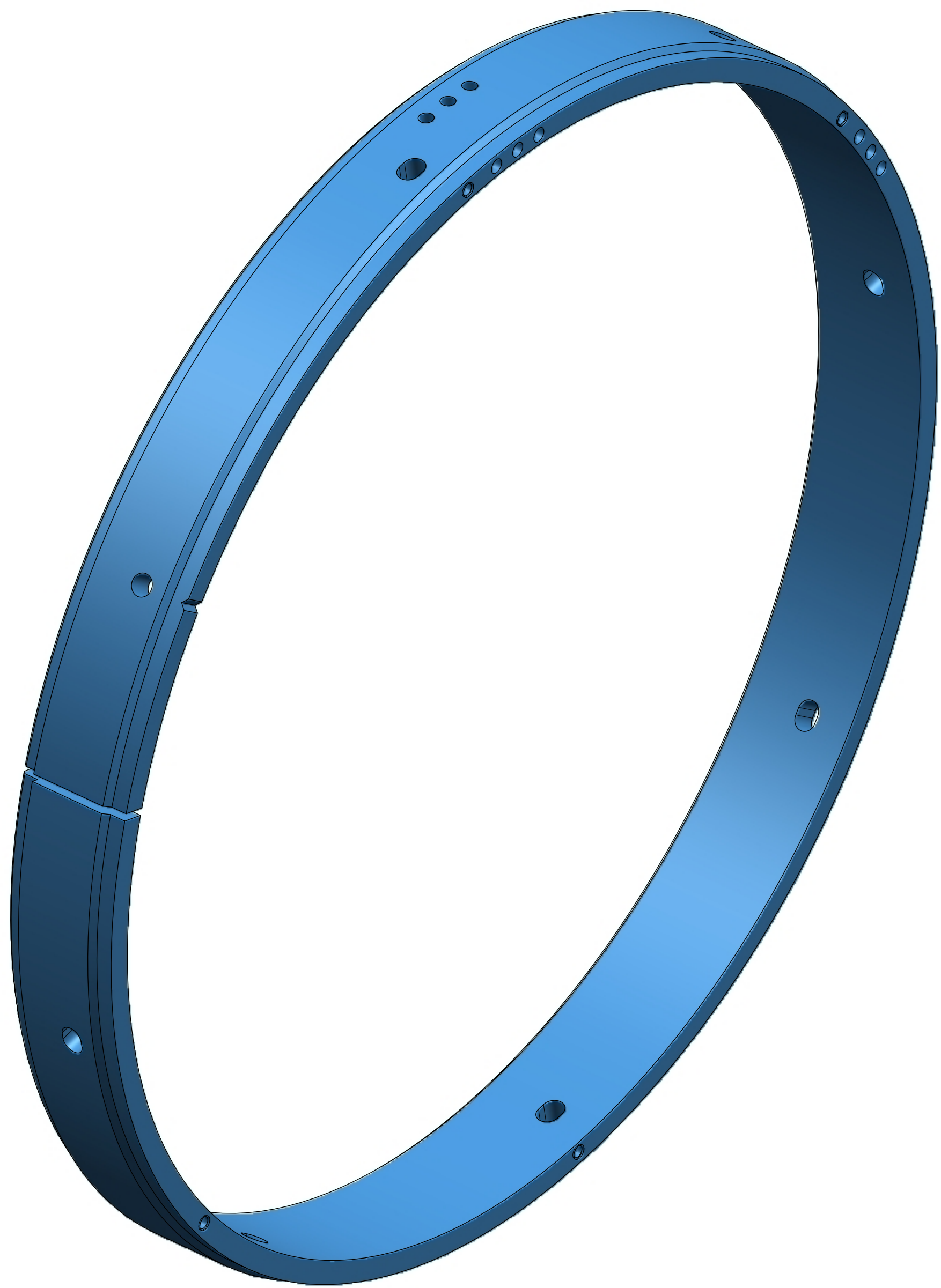
Enclosed C)

### LAYER 3 -List of drawings- Version : 28/06/2022

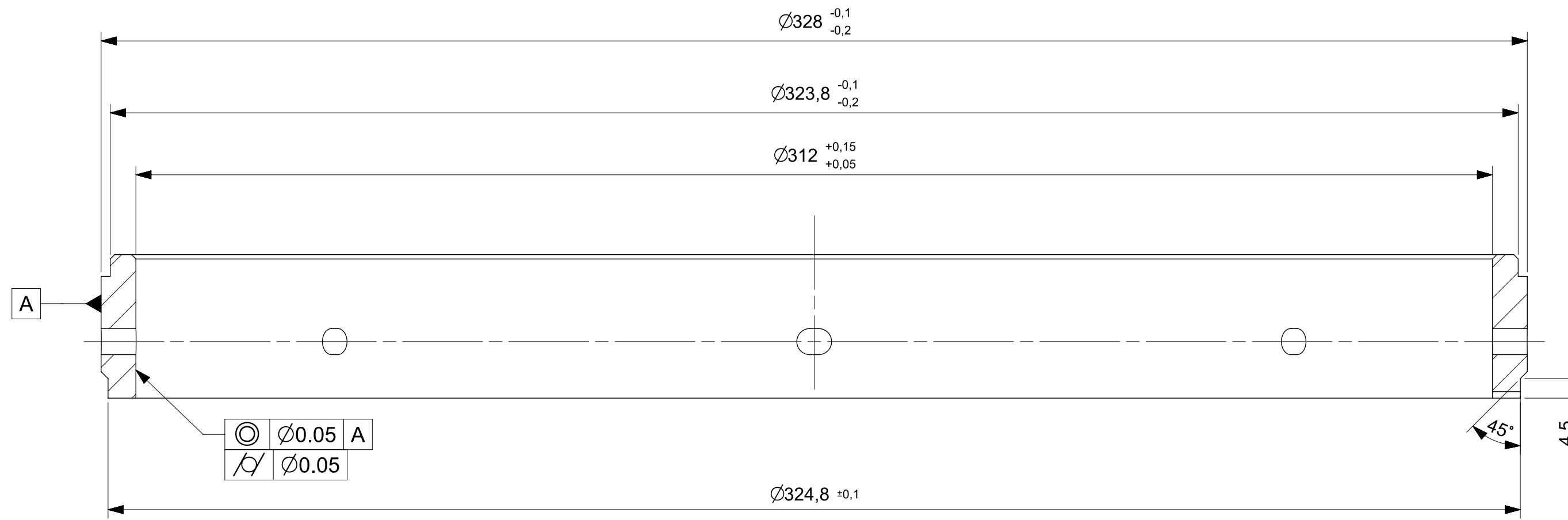
| N. | Part name            | Code    | Quantity |
|----|----------------------|---------|----------|
| 01 | Int_Ring_In_L3       | 1IRL3   | 1        |
| 02 | Int_Ring_Out_L3      | 2IRL3   | 1        |
| 03 | G1_C_In_L3_V2        | 1G1CL3  | 1        |
| 04 | G1_C_Out_L3          | 2G1CL3  | 1        |
| 05 | G2_G1_In_L3_V2       | 1G1G2L3 | 1        |
| 06 | G2_G1_Out_L3         | 2G1G2L3 | 1        |
| 07 | G3_G2_In_L3_V2       | 1G3G2L3 | 1        |
| 08 | G3_G2_Out_L3         | 2G3G2L3 | 1        |
| 09 | A_G3_In_L3_V2        | 1AG3L3  | 1        |
| 10 | A_G3_Out_L3          | 2AG3L3  | 1        |
| 11 | Anode_Ring_In_L3_V3  | 1ARL3   | 1        |
| 12 | Anode_Ring_Out_L3_V3 | 2ARL3   | 1        |



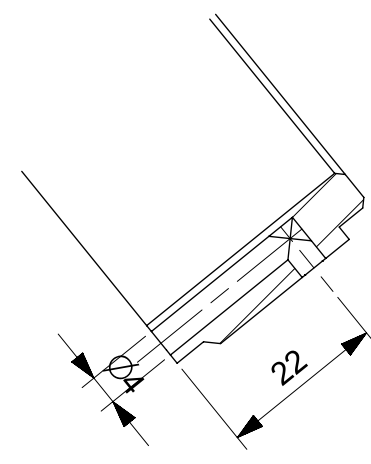
SECTION B-B



SECTION A-A

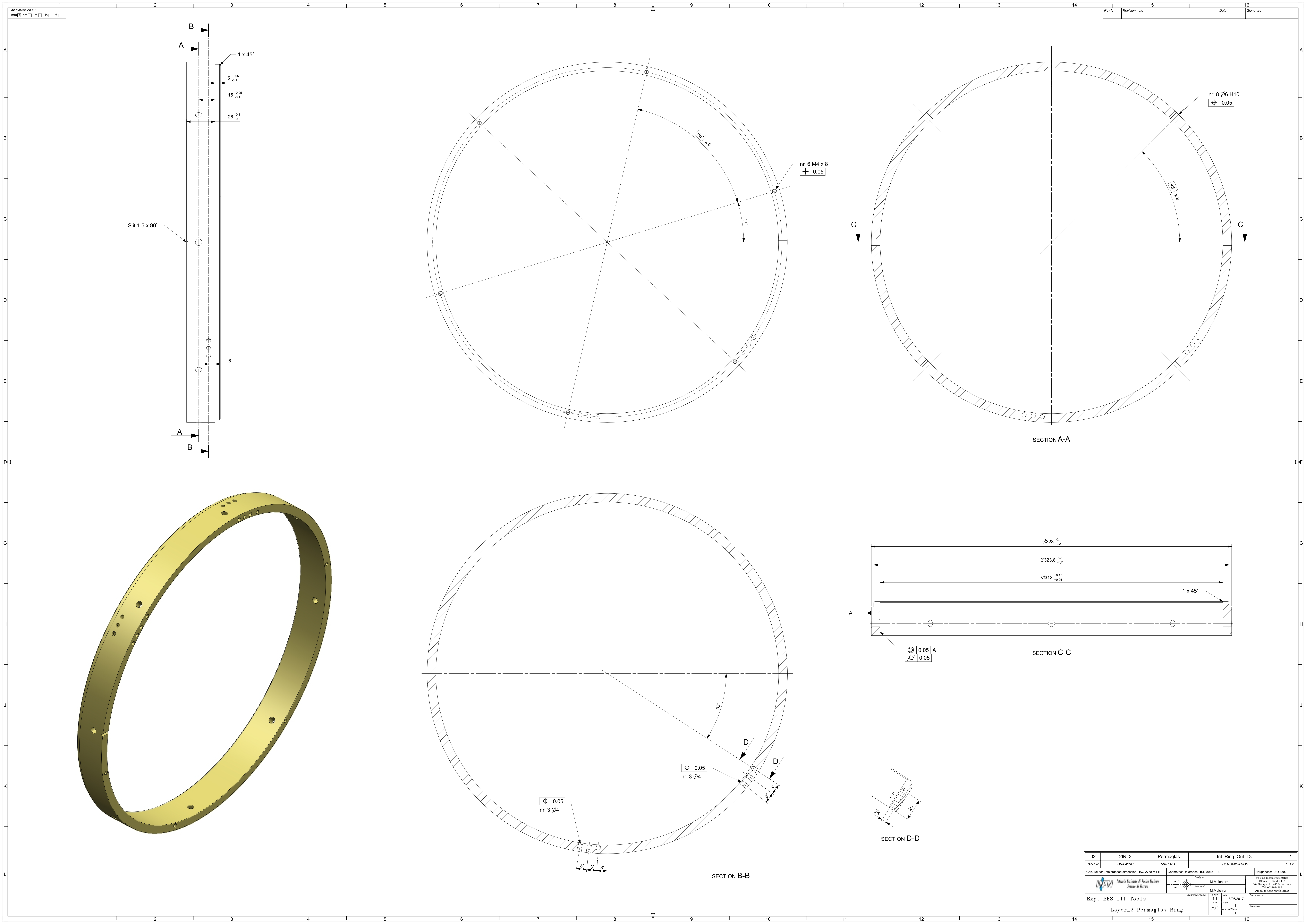
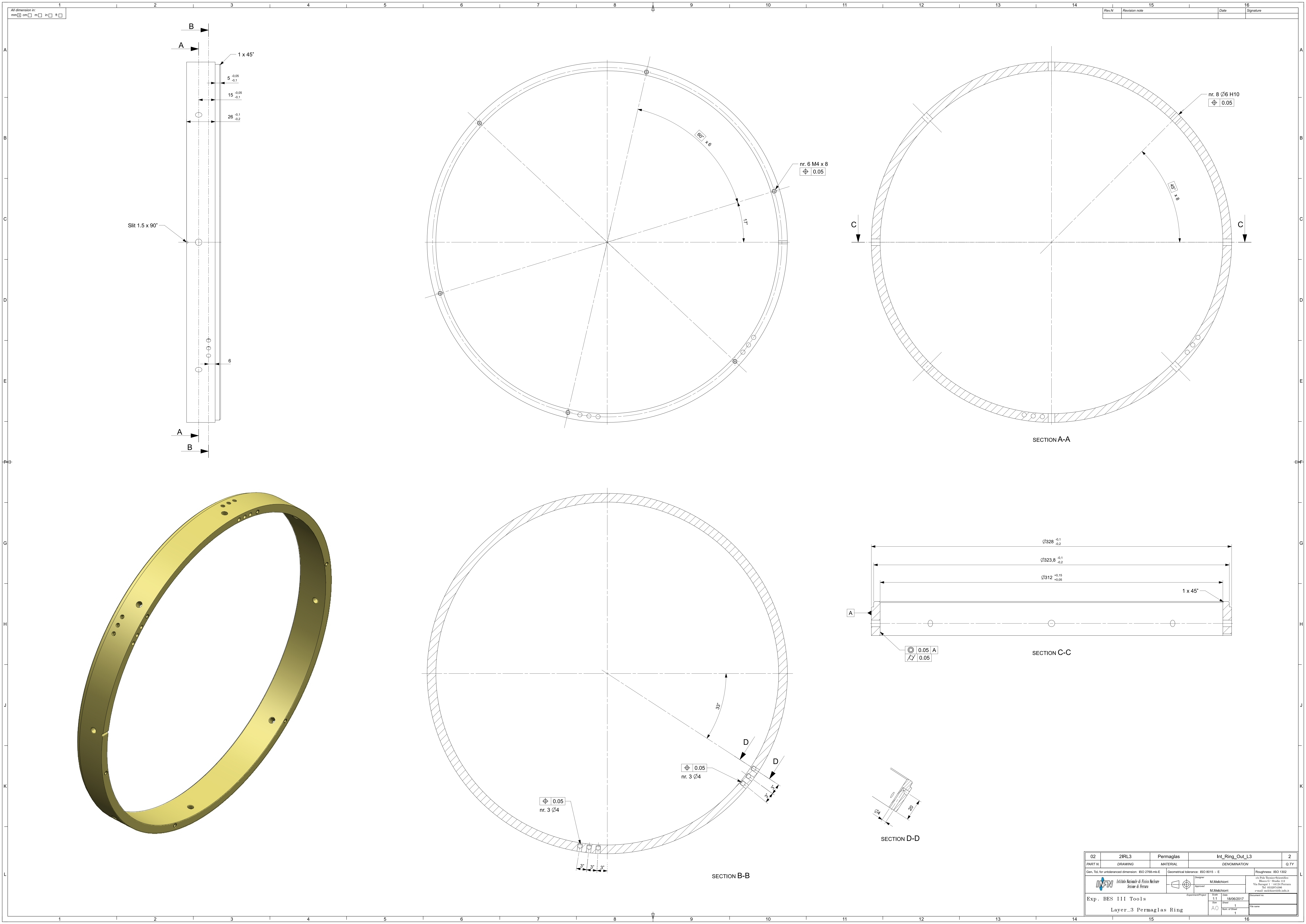
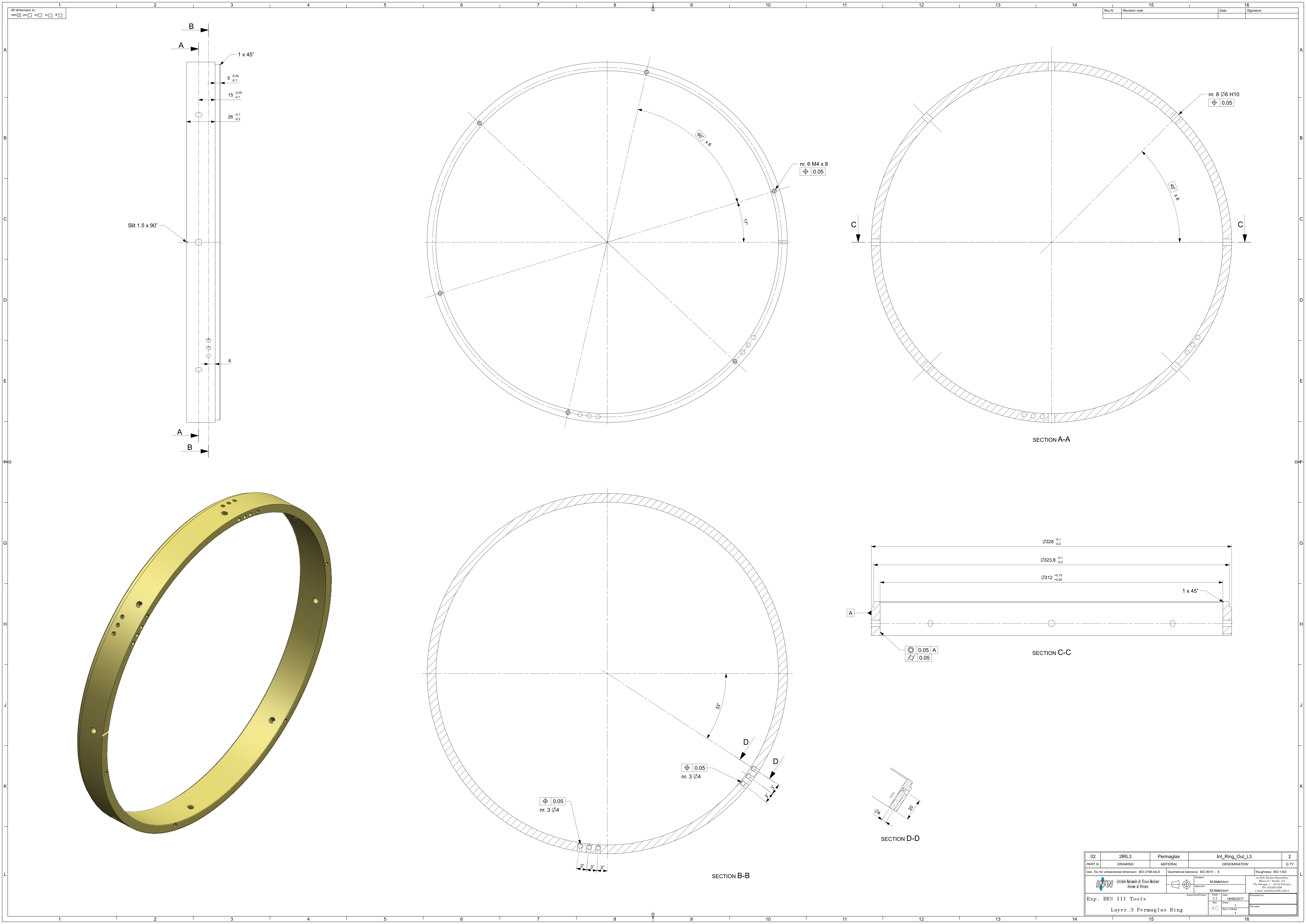
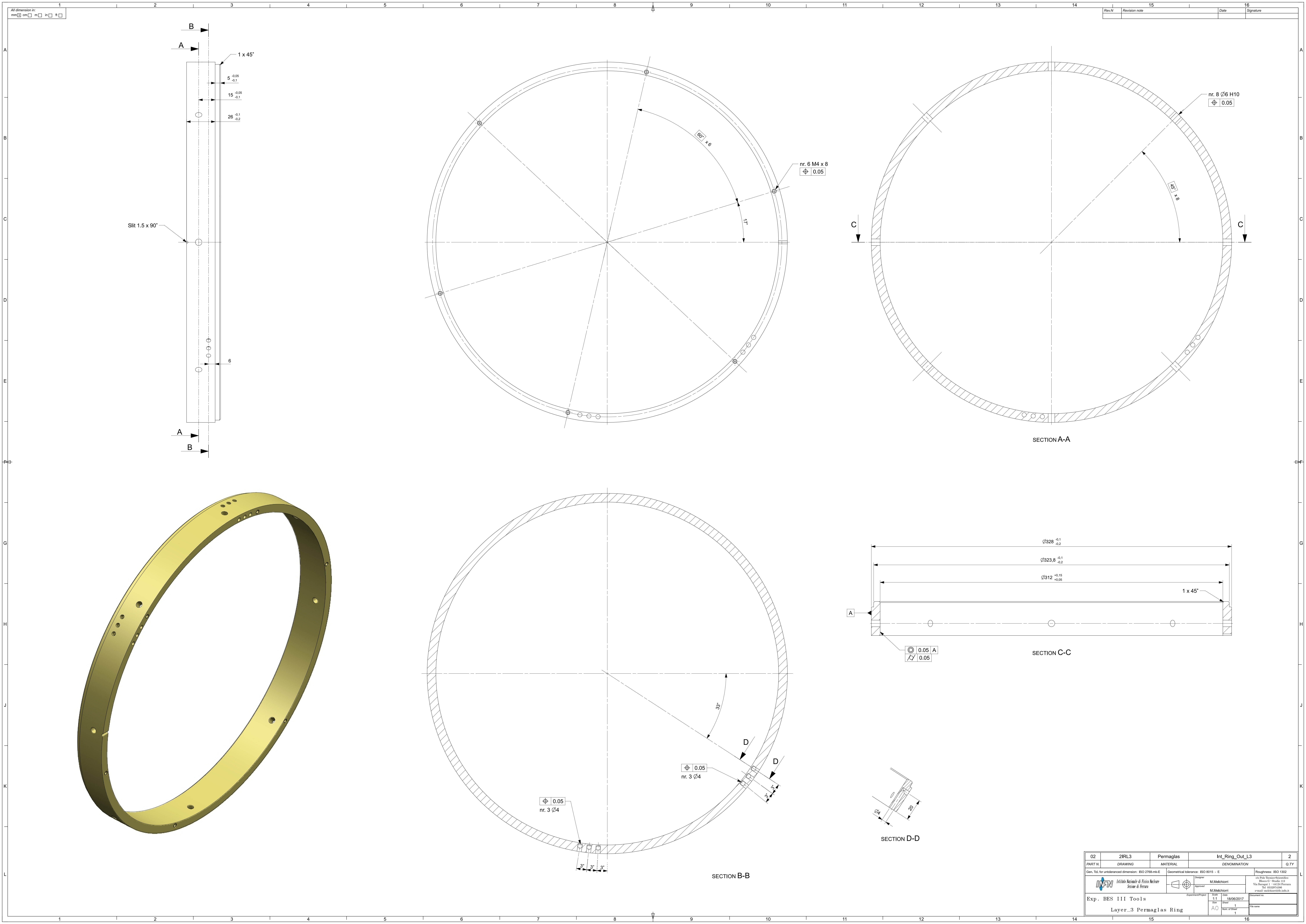
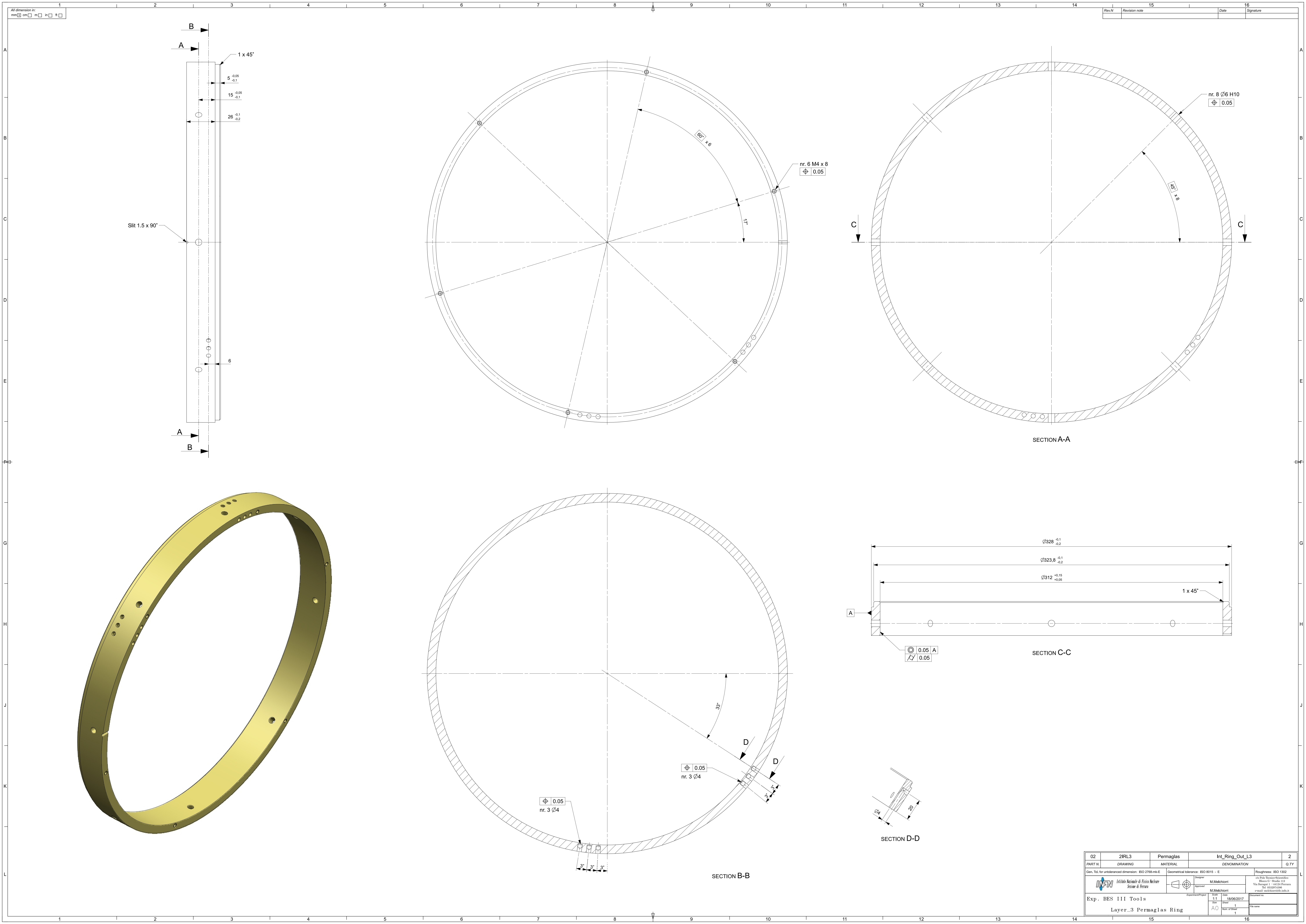
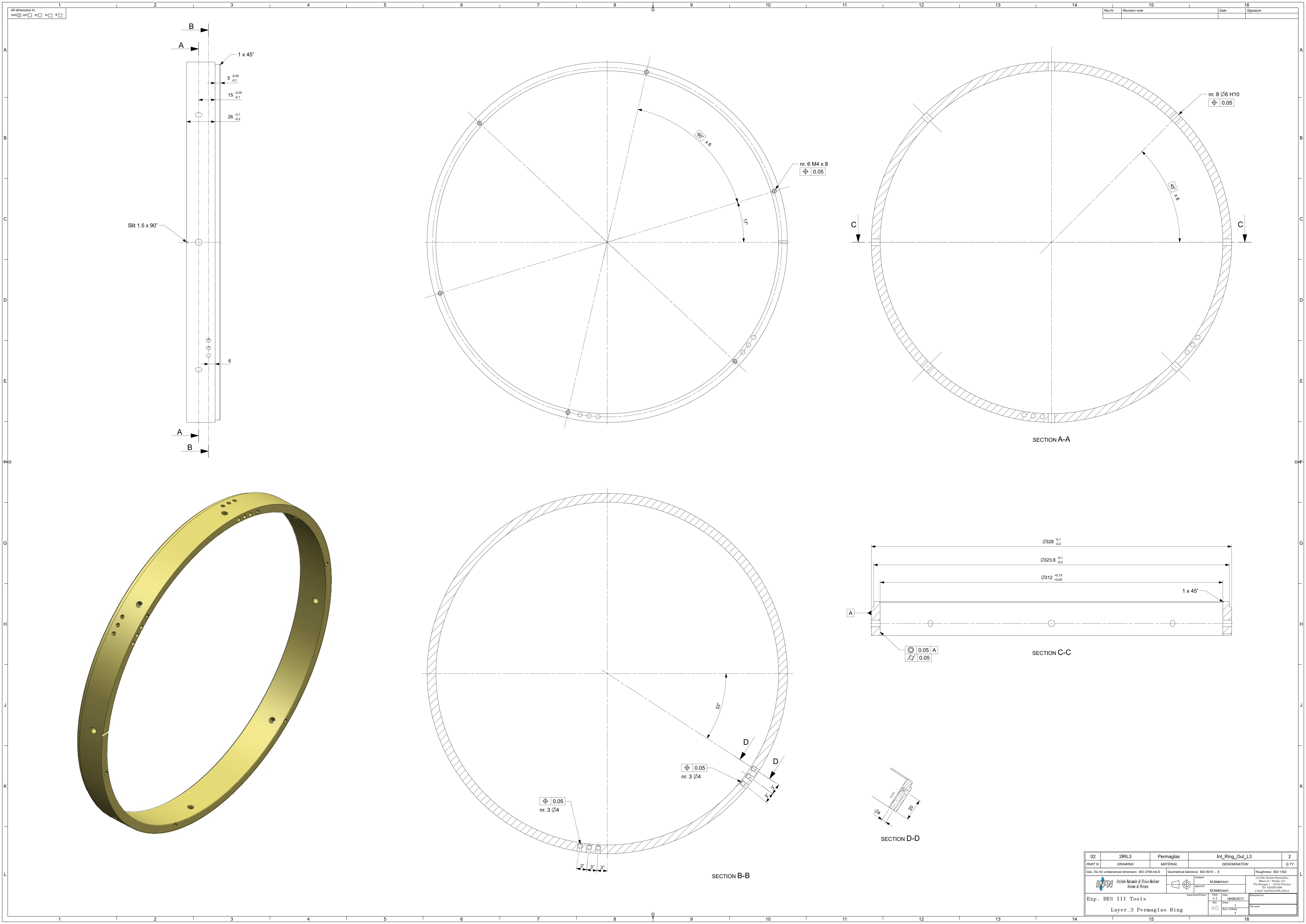


SECTION C-C



SECTION D-D

|                                                                                       |         |                                     |                                                                                                                                                                                                                                             |                     |               |
|---------------------------------------------------------------------------------------|---------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------------|
| 01                                                                                    | 1IRL3   | Permaglas                           | Int_Ring_In_L3                                                                                                                                                                                                                              |                     | 1             |
| PART N.                                                                               | DRAWING | MATERIAL                            | DENOMINATION                                                                                                                                                                                                                                |                     | Q.TY          |
| Gen. Tol. for untoleranced dimension: ISO 2768-mk-E                                   |         | Geometrical tolerance: ISO 8015 - E |                                                                                                                                                                                                                                             | Roughness: ISO 1302 |               |
|  |         | Designer                            | <br>M.Melchiorri<br>on Pula Tecnoregistrazione<br>Brescia - 25100<br>Via Sengalli, 1 - 44124 Ferrara<br>Tel. 0532/743401<br>e-mail: techsupport@inf.it |                     |               |
|                                                                                       |         | Apprøver                            |                                                                                                                                                                                                                                             |                     |               |
| Exp. BES III Tools                                                                    |         | Scale<br>1:1                        | 11/06/2017                                                                                                                                                                                                                                  |                     | Document<br>1 |
| Layer_3 Permglas Ring                                                                 |         | AO                                  | Draw<br>1                                                                                                                                                                                                                                   | File name           |               |



All dimension in:  
mm □ cm □ m □ ft □ in □

Rev.N Revision note Date Signature

1 x 45°  
5 -0.05  
-0.1  
15 -0.05  
-0.1  
28 -0.1  
-0.2

Slit 1.5 x 90°

6

nr. 6 M4 x 8  
Φ 0.05

90° x 6

17°

nr. 8 Ø6 H10  
Φ 0.05

SECTION A-A

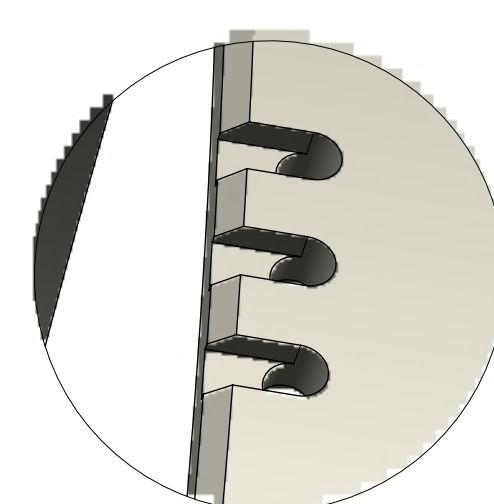
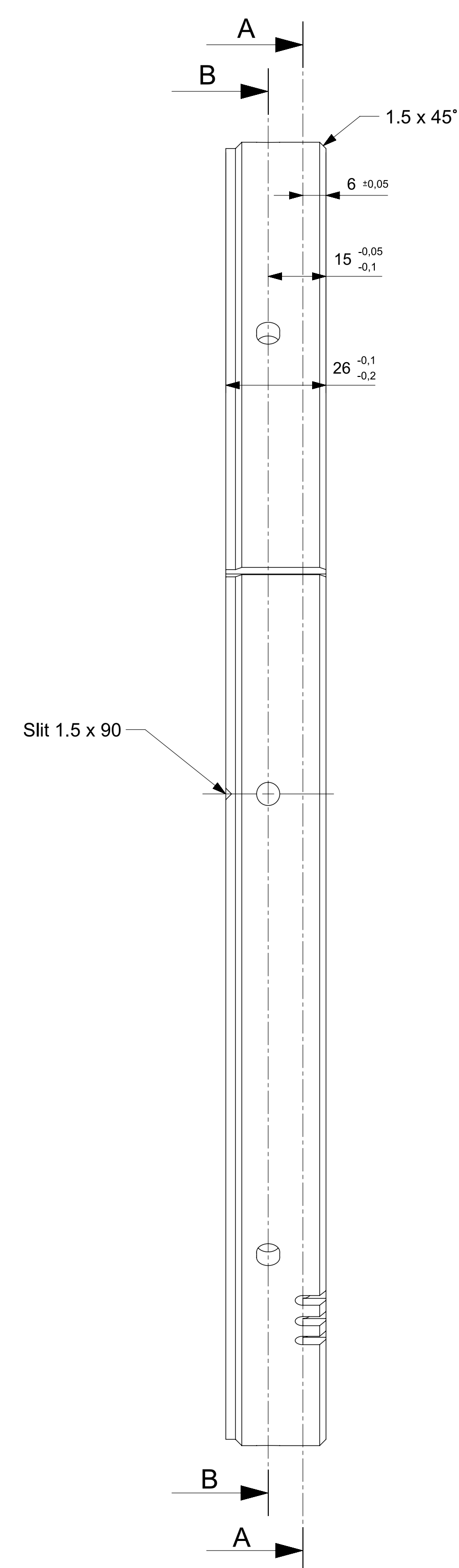
SECTION C-C

SECTION D-D

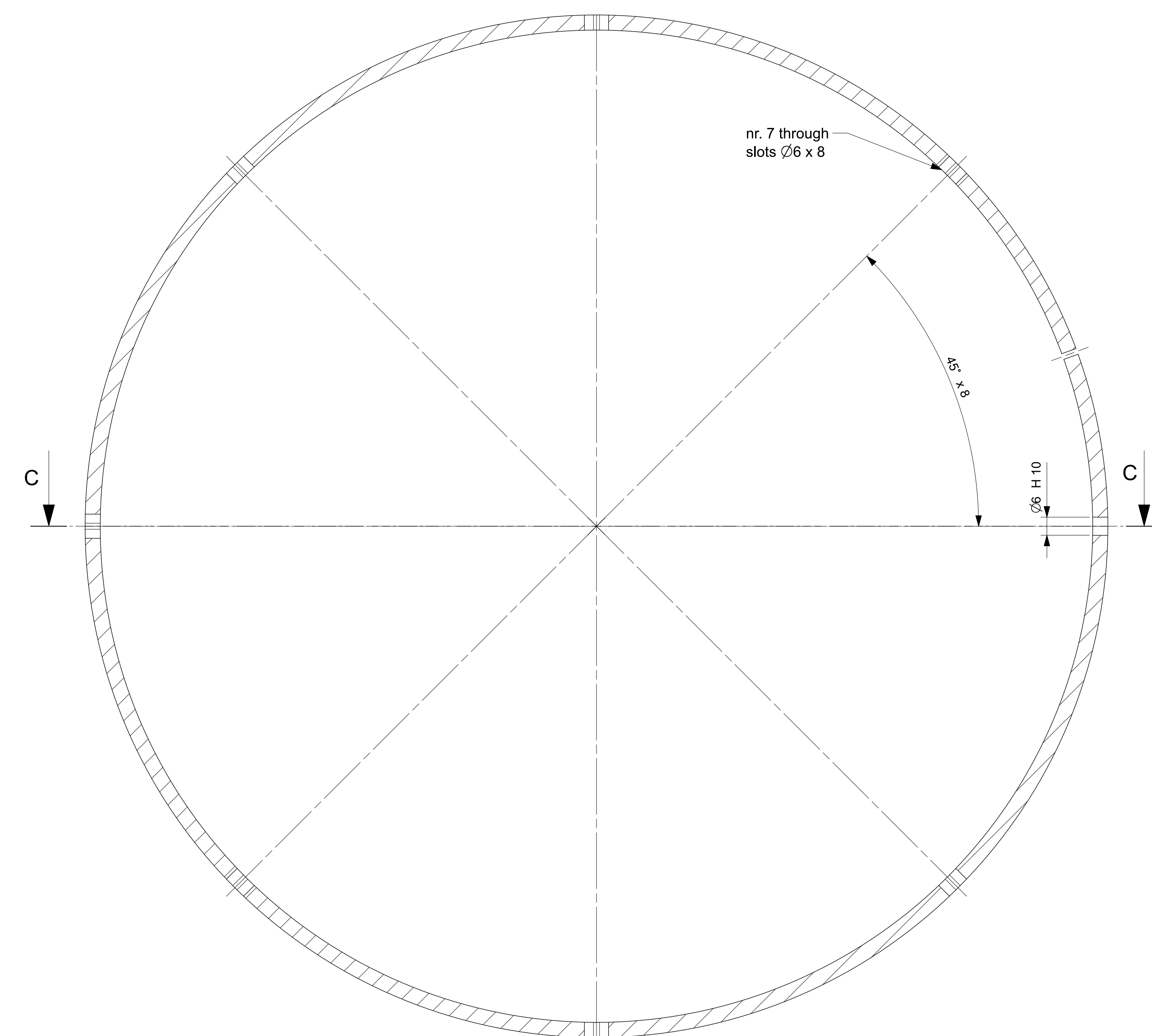
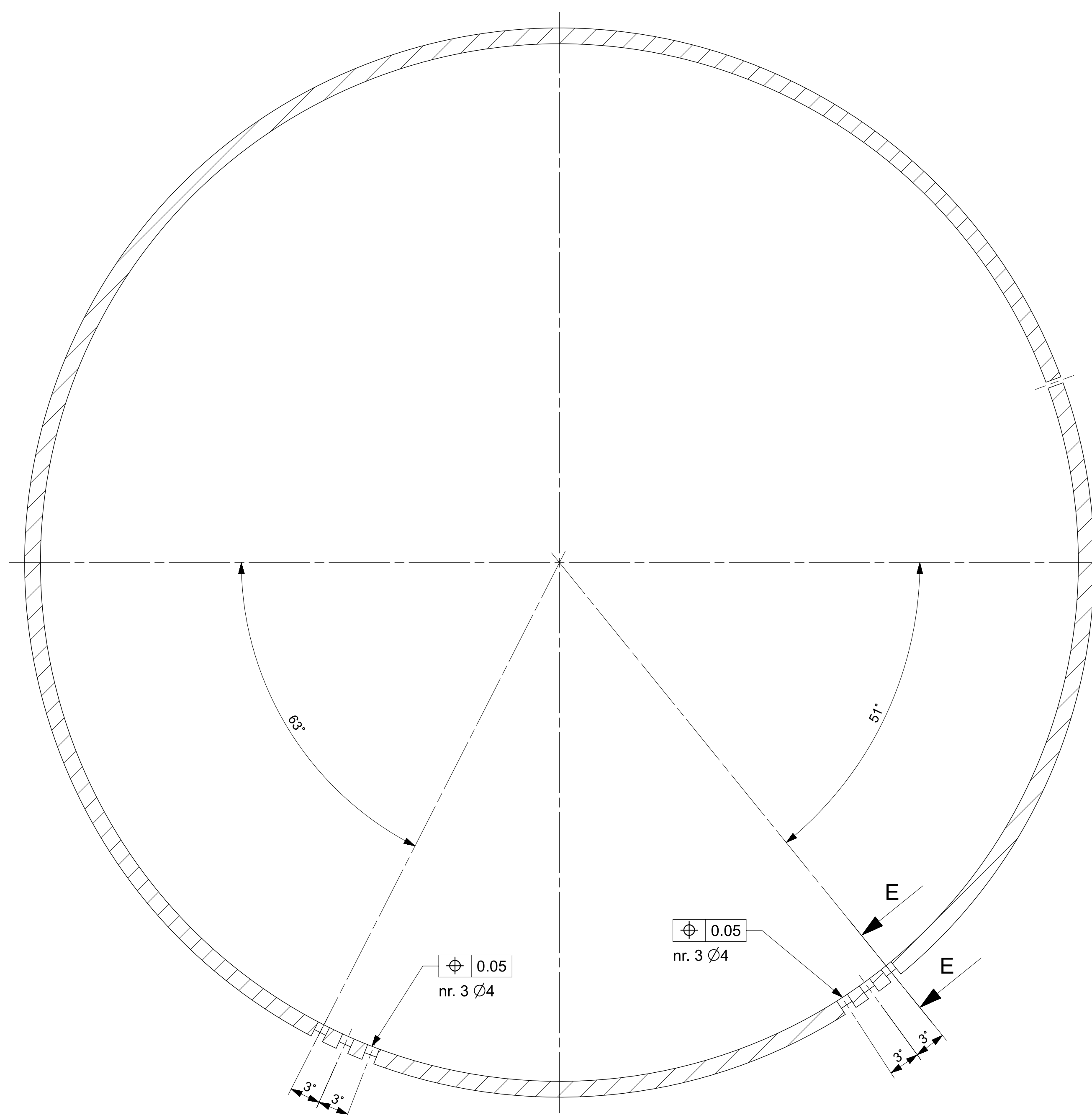
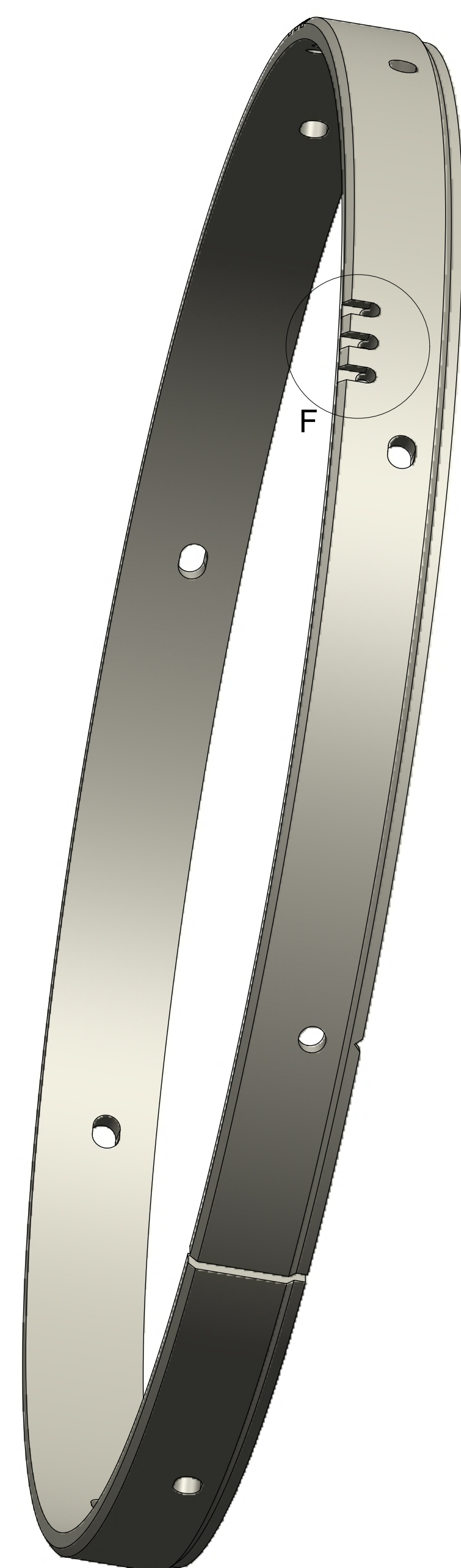
SECTION B-B

Exp. BES III Tools  
Layer\_3 Permaglas Ring

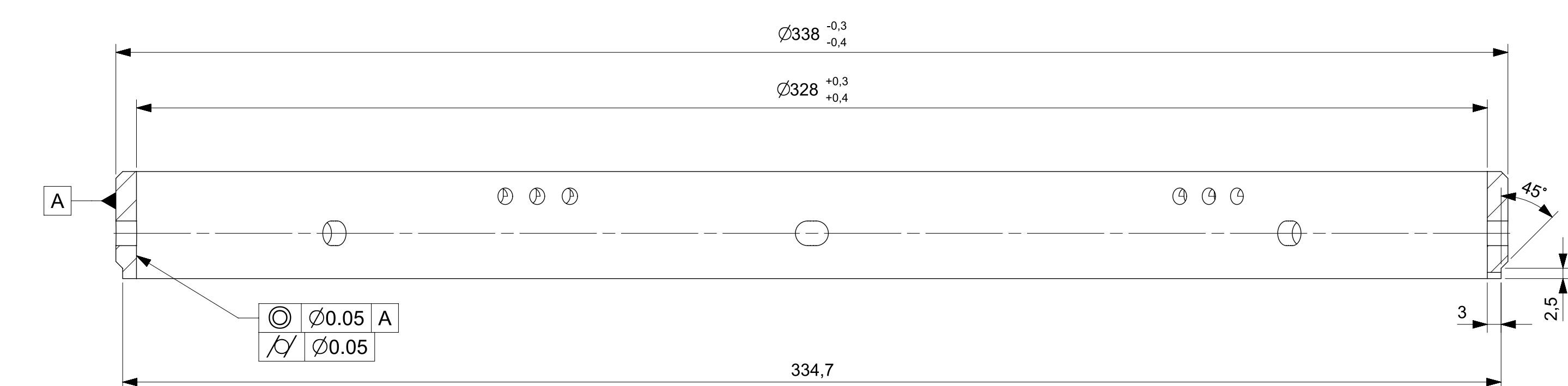
| OZ                                                  | 2IRL3   | Permaglas                           | Int_Ring_Out_L3                                                                                                                           | 2                   |
|-----------------------------------------------------|---------|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| PART N.                                             | DRAWING | MATERIAL                            | DENOMINATION                                                                                                                              | Q.TY                |
| Gen. Tol. for untoleranced dimension: ISO 2768-mk-E |         | Geometrical tolerance: ISO 8015 - E |                                                                                                                                           | Roughness: ISO 1302 |
|                                                     |         | Designer<br><b>M.Melchiorri</b>     | in Pila Tecnico-Informatica<br>Bressi G. - Ruffini L.D.<br>Via Sempino 1 - 44124 Ferrara<br>Tel. 0532/743401<br>e-mail: melchiorri@inf.it |                     |
|                                                     |         | Approved<br><b>M.Melchiorri</b>     | Document                                                                                                                                  |                     |
|                                                     |         | Scale<br><b>A0</b>                  | Date<br><b>18/06/2017</b>                                                                                                                 | Page<br><b>1</b>    |



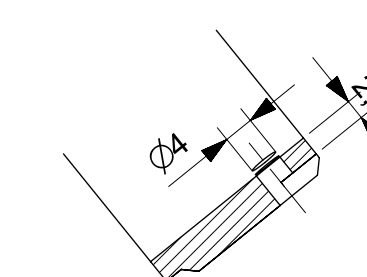
DETAIL F  
SCALE 2:1



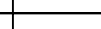
SECTION B-B

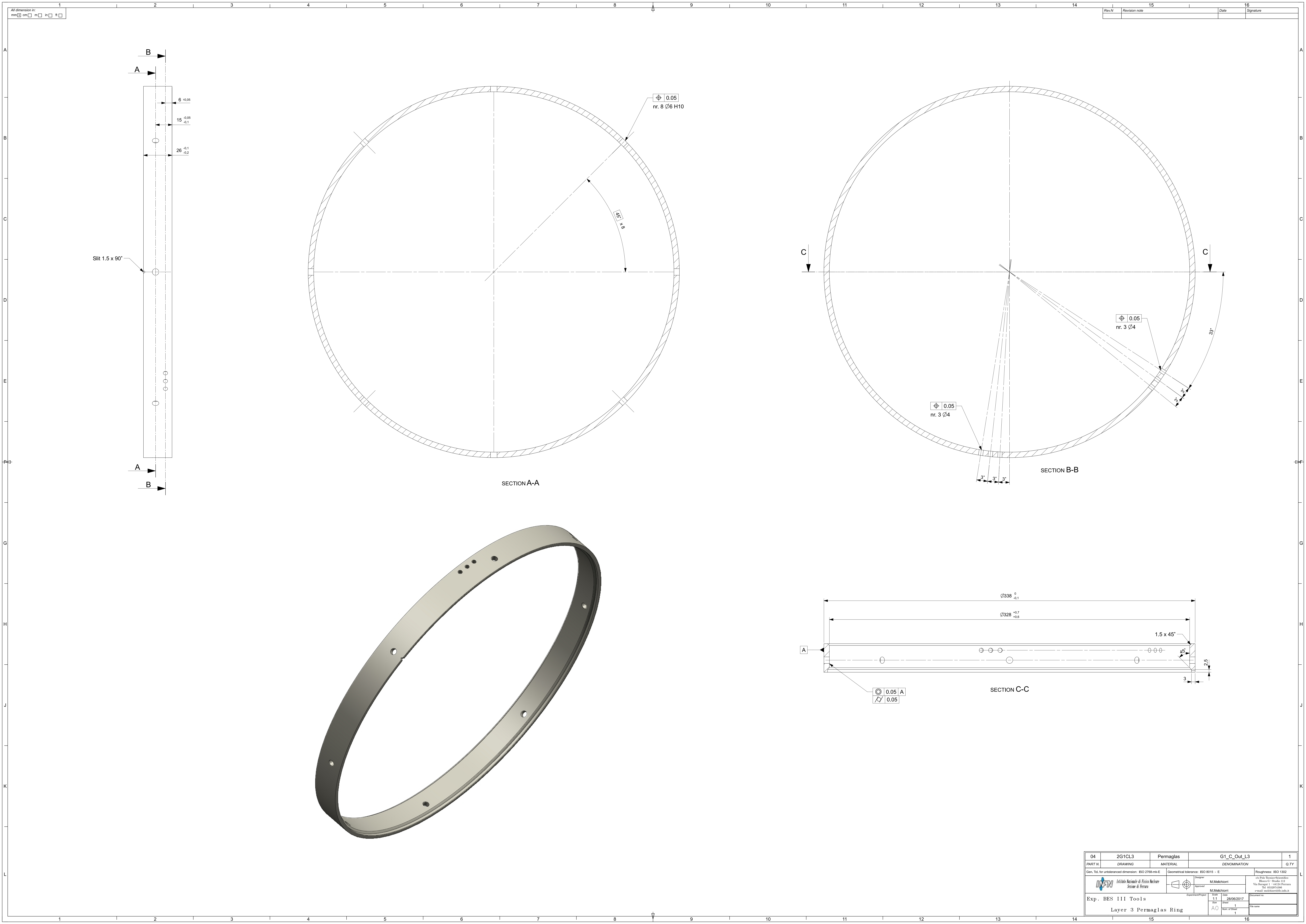


SECTION C-C



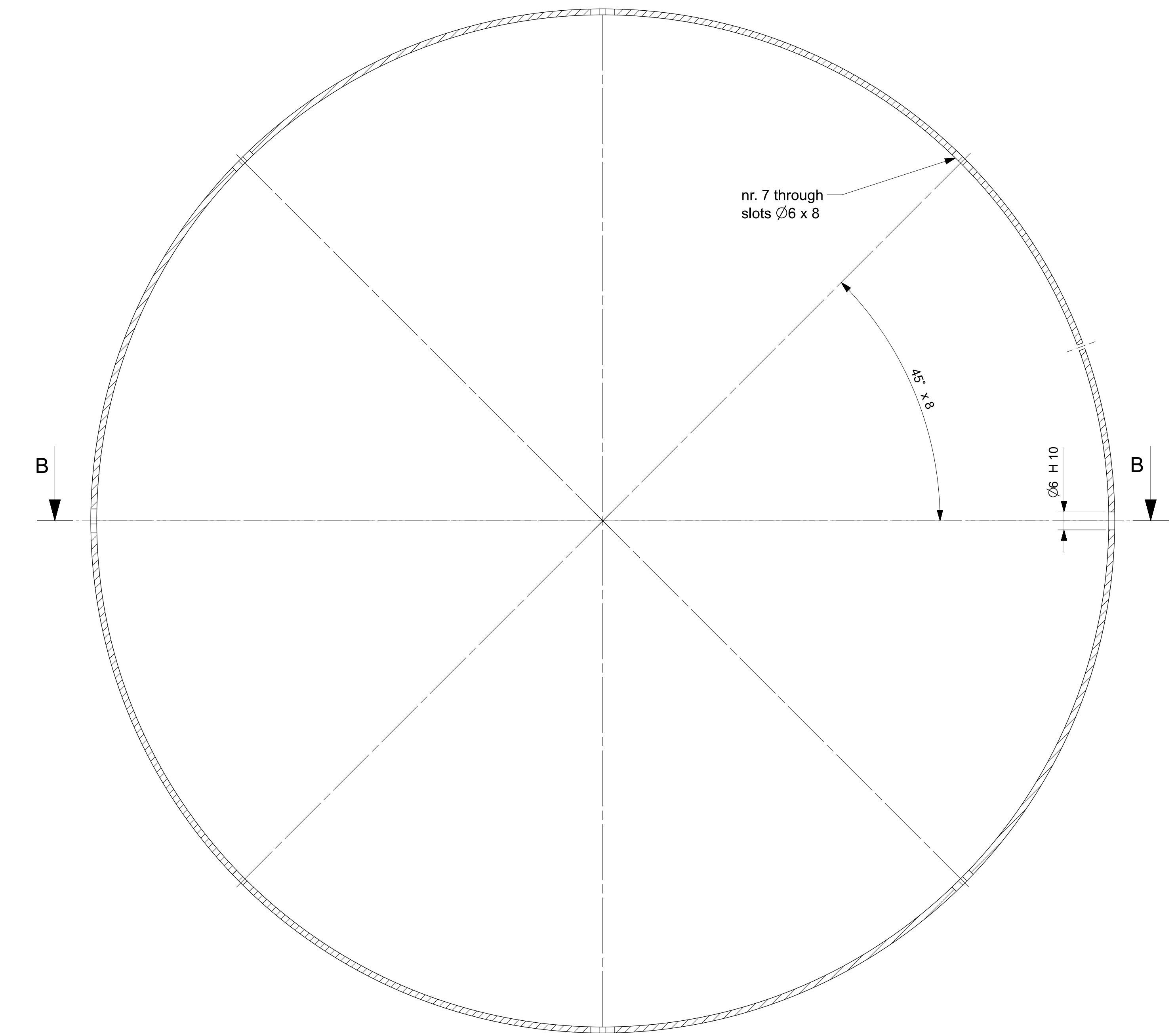
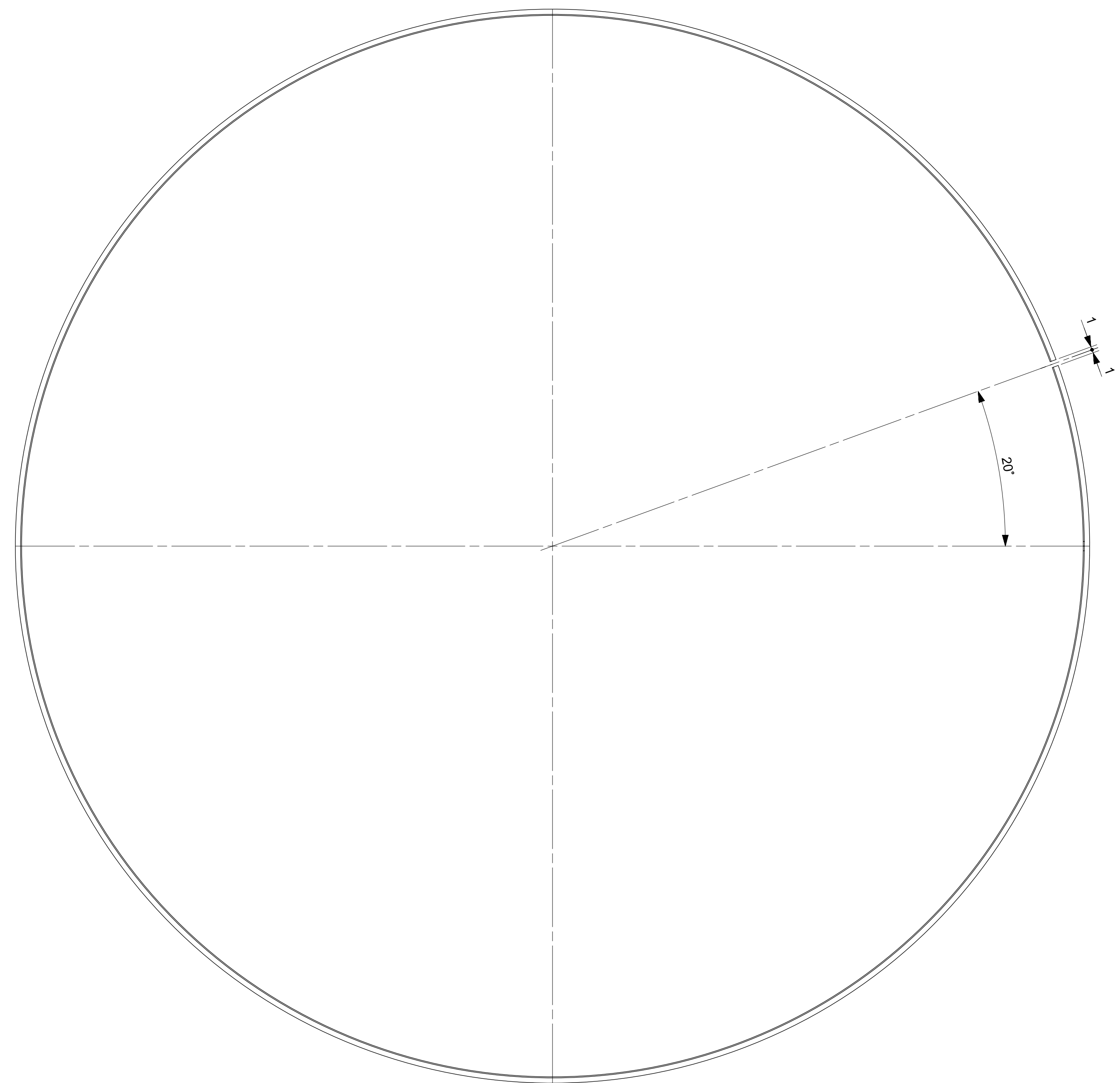
SECTION E-E

|                                                                                                                                                   |           |                                                                                                            |                                                                                                                                                                                     |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 03                                                                                                                                                | 1G1CL3_V2 | Permaglas                                                                                                  | G1_C_In_L3_V2                                                                                                                                                                       | 2                   |
| PART N.                                                                                                                                           | DRAWING   | MATERIAL                                                                                                   | DENOMINATION                                                                                                                                                                        | Q.TY                |
| Gen. Tol. per uninterommed dimension: ISO 2768-mS-E                                                                                               |           | Geometrical tolerance: ISO 8015 - E                                                                        |                                                                                                                                                                                     | Roughness: ISO 1302 |
|  Istituto Nazionale di Fisica Nucleare<br>Sezione di Ferrara |           |  Designer<br>Approved | M.Melchiorri<br>via Pisa, 28 - 44121 Ferrara<br>Tel. 0532/240111 - Fax 0532/1121<br>Via Sangalli - 44123 Ferrara<br>Tel. 0532/240111 - Fax 0532/1121<br>e-mail: melchiorri@infis.it |                     |
| Exp. BES III Tools                                                                                                                                |           | Experiments/Project                                                                                        | Date: 1-1 28/06/2019<br>Drawn: 1<br>Sheet 1<br>Num. of Sheet 1                                                                                                                      |                     |
| Layer_3 Permaglas Ring                                                                                                                            |           | AO                                                                                                         | Document no.<br>File name                                                                                                                                                           |                     |

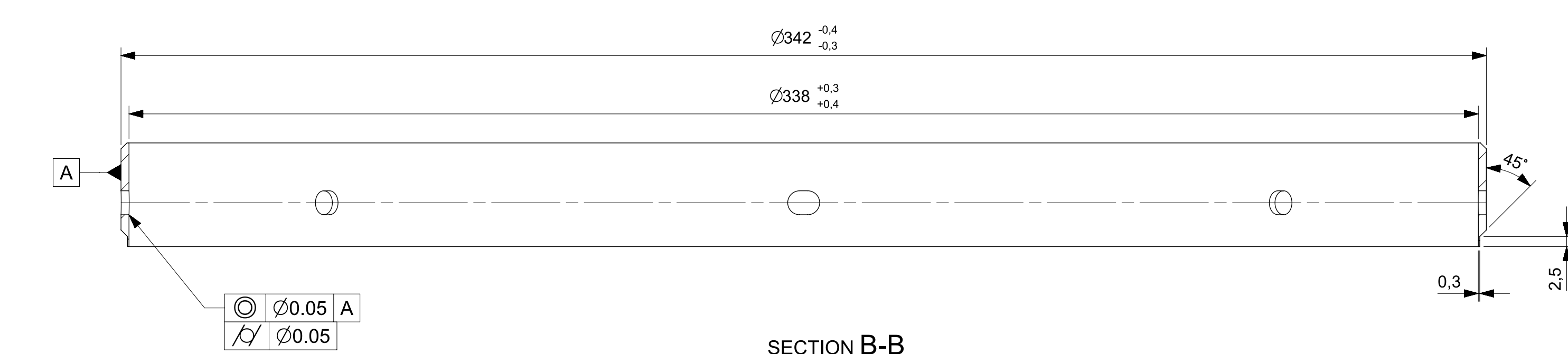


| Rev.N | Revision note | Date | Signature |
|-------|---------------|------|-----------|
|       |               |      |           |

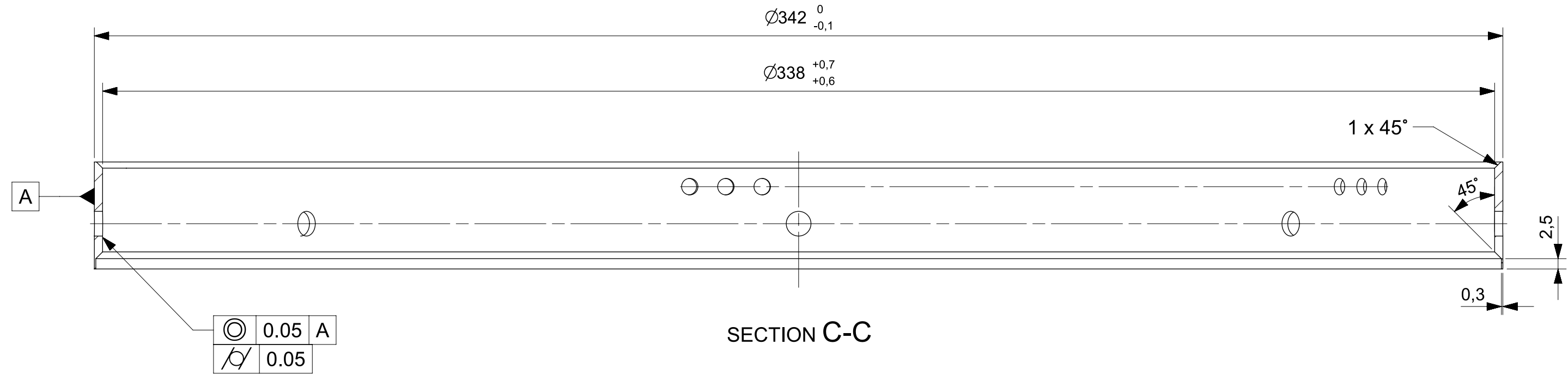
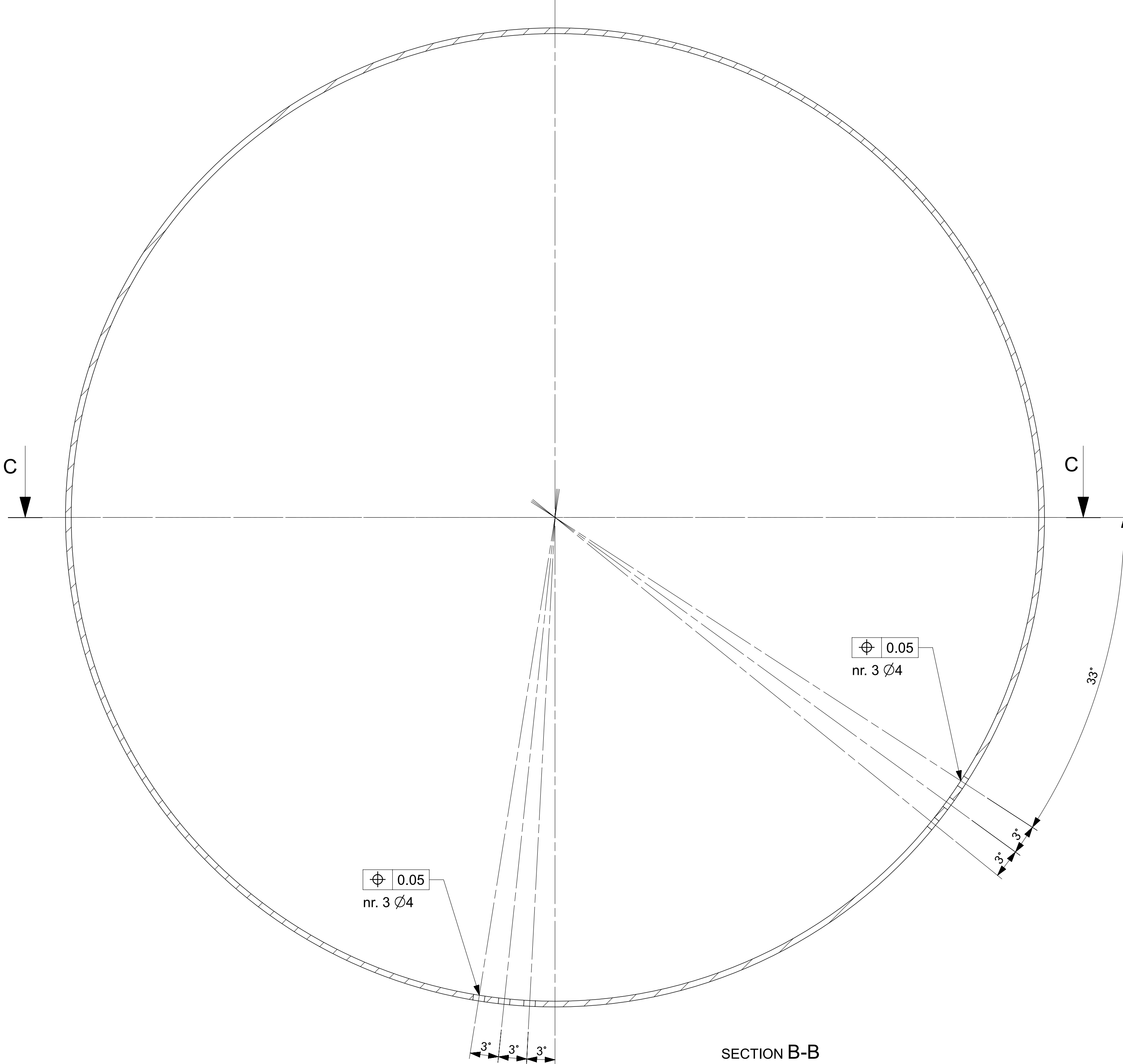
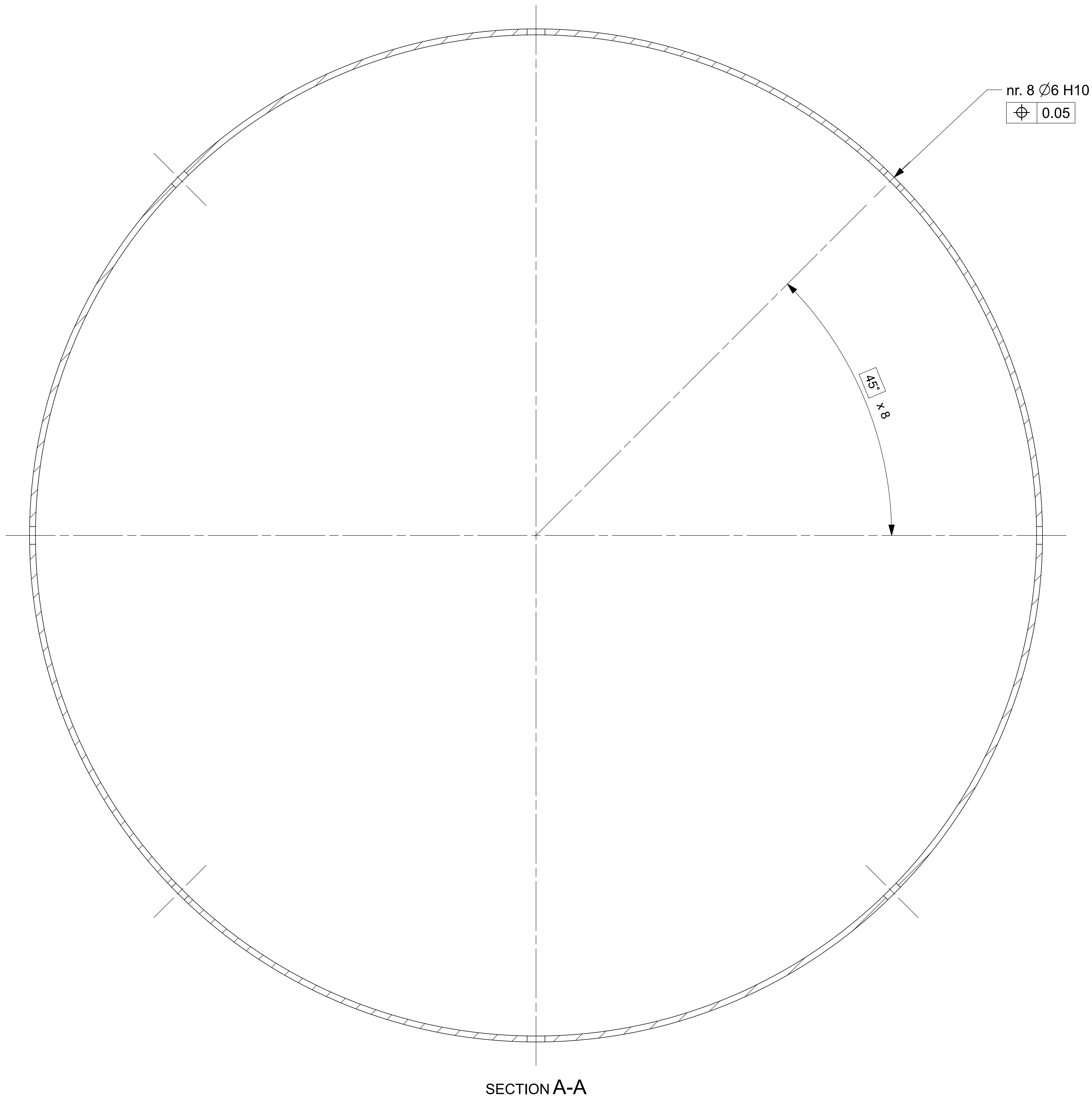
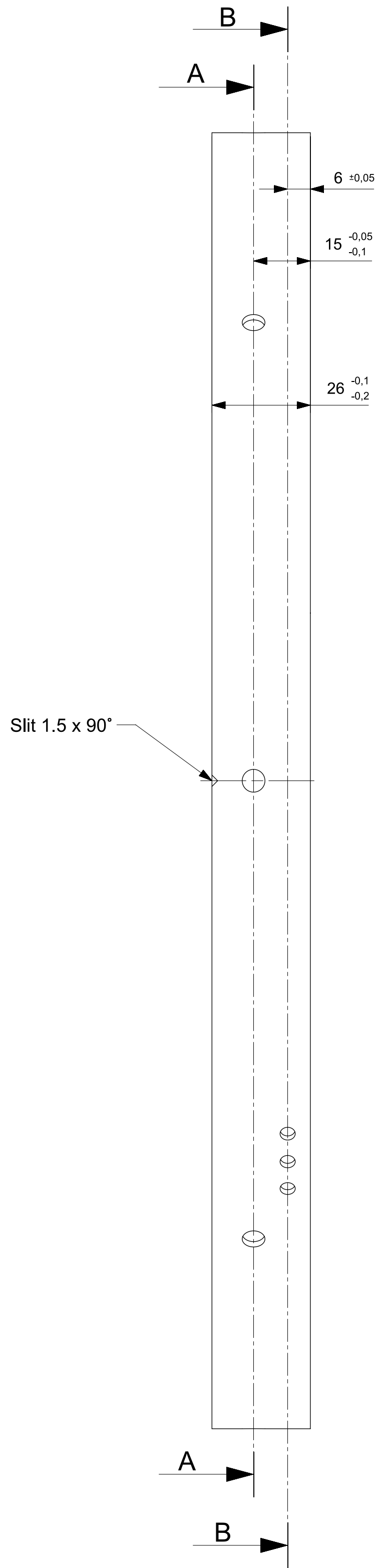
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| D4                                                                                                                                                   | 2G1CL3  | Permaglas                           | G1_C_Out_L3  | 1                   |
| PART N.                                                                                                                                              | DRAWING | MATERIAL                            | DEMININATION | Q.TY                |
| Gen. Tol. for untoleranced dimension: ISO 2768-mk-E                                                                                                  |         | Geometrical tolerance: ISO 8015 - E |              | Roughness: ISO 1302 |
| <br>Istituto Nazionale di Fisica Nucleare<br>Sezione di Ferrara |         | Designer                            | M.Melchiorri |                     |
|                                                                                                                                                      |         | Approver                            | M.Melchiorri |                     |
| Exp. BES III Tools                                                                                                                                   |         | Exp. Project                        | 1:1          | 28/06/2017          |
| Layer 3 Permaglas Ring                                                                                                                               |         | Scale                               | 1:1          | 1                   |
|                                                                                                                                                      |         | Doc. of Project                     | 1            | 1                   |
|                                                                                                                                                      |         | Document                            | Permane      |                     |



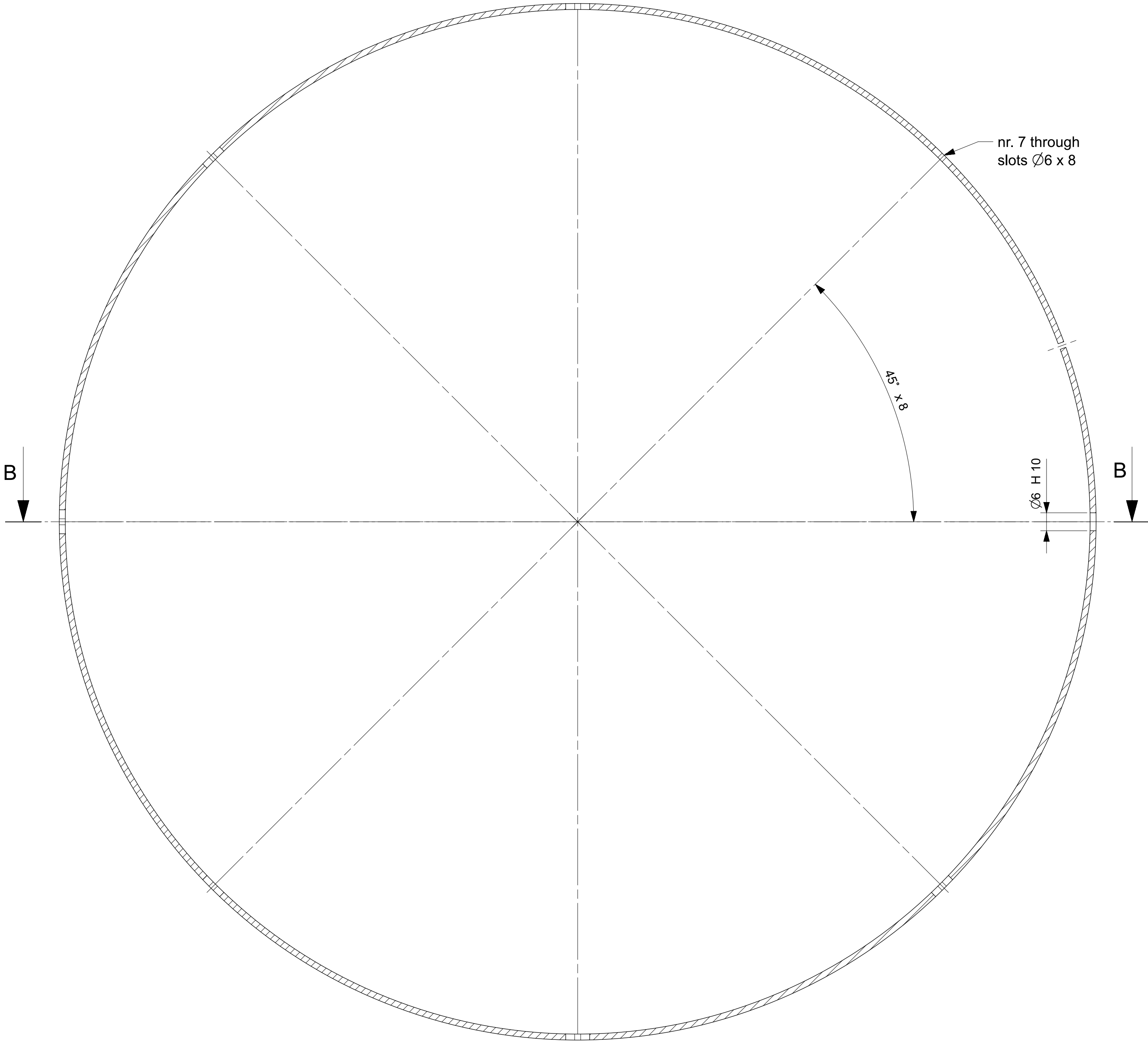
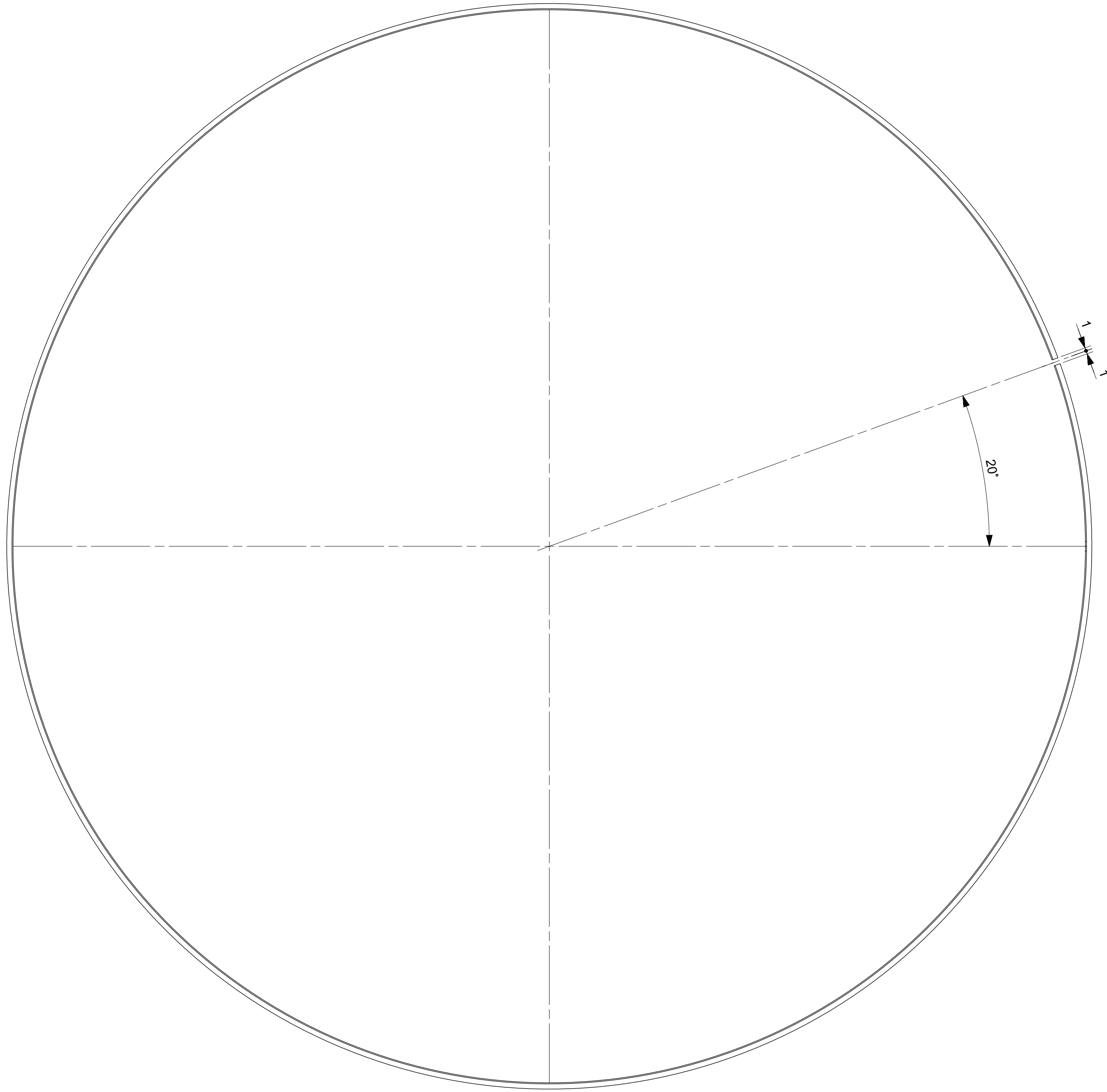
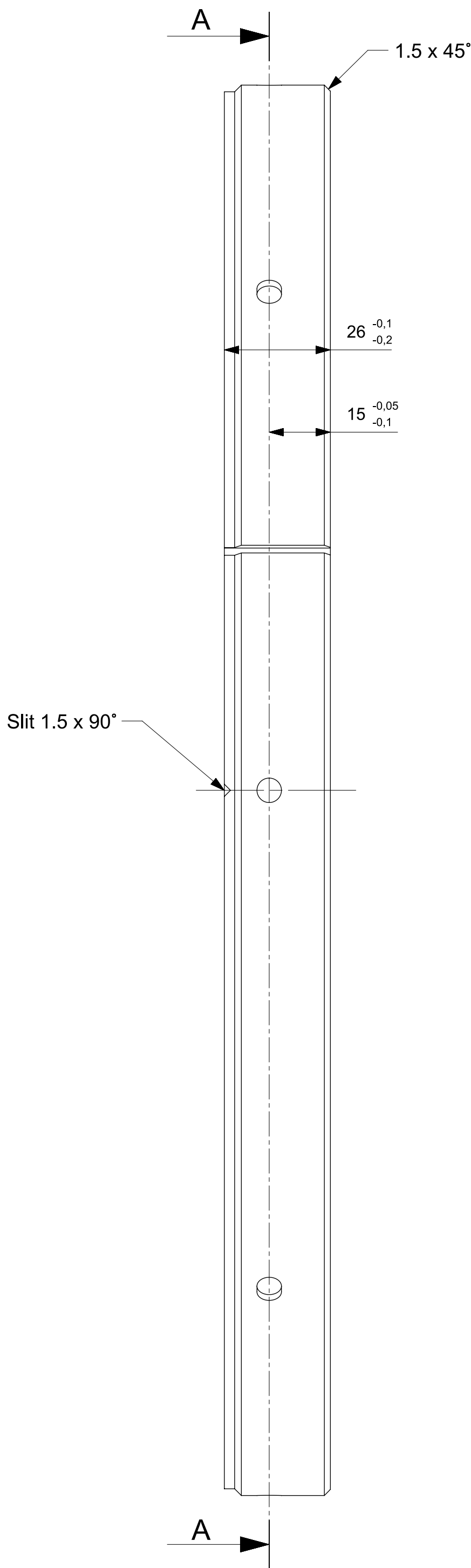
SECTION B-B



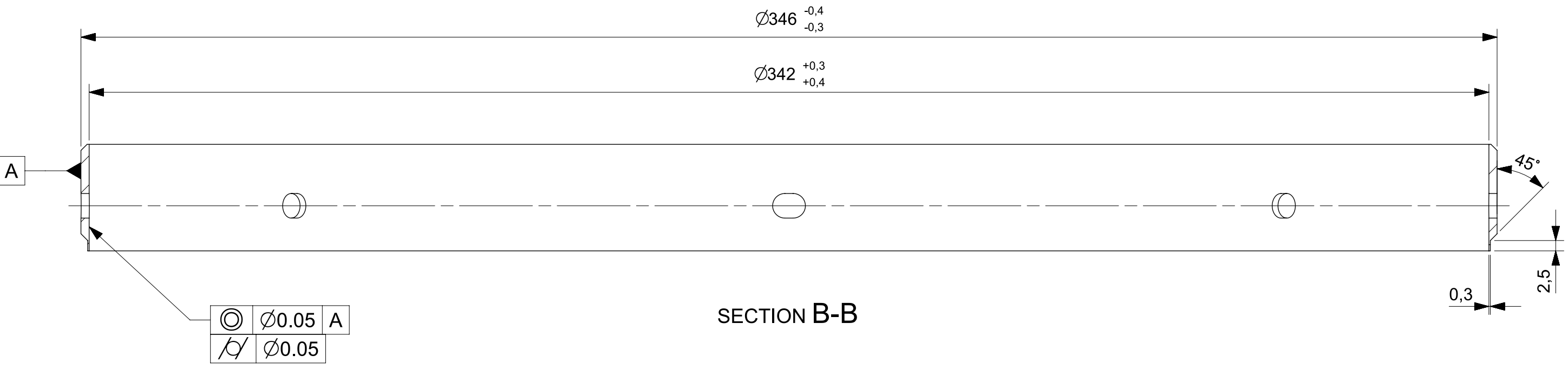
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|---------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|---------------------|
| 05                                                                                                                                                | 1G2G1L3_V2 | Pergamlas                                          | G2_G1_In_L3_V2                                                                                                  | 1                   |
| PART N°                                                                                                                                           | DRAWING    | MATERIAL                                           | DENOMINATION                                                                                                    | Q.TY                |
| Gen. Tot. for undetermined dimension: ISO 2768-m/E                                                                                                |            |                                                    | Geometrical tolerance: ISO 8015 - E                                                                             | Roughness: ISO 1302 |
|  Istituto Nazionale di Fisica Nucleare<br>Sezione di Ferrara |            | Designer<br>M.Macchioni<br>Engineer<br>M.Macchioni | on file<br>Elenco G. (Ruba) 112<br>Via Salaria 1 - 44124 Ferrara<br>Tel. 0532/42426<br>email: mmacchioni@inf.it |                     |
| Exp. BES 111 Tools                                                                                                                                |            | Dimensione/Spessore<br>1-1<br>1-2<br>1-3<br>AO     | Date<br>29/06/2019<br>File name                                                                                 |                     |
| Layer_3 Pergamlas Ring                                                                                                                            |            | 16                                                 | 16                                                                                                              |                     |



|                                                     |         |                                     |                                |                     |
|-----------------------------------------------------|---------|-------------------------------------|--------------------------------|---------------------|
| 06                                                  | 2G2G1L3 | Permaglas                           | G2_G1_Out_L3                   | 1                   |
| PART N.                                             | DRAWING | MATERIAL                            | DENOMINATION                   | Q.TY                |
| Gen. Tol. for untoleranced dimension: ISO 2768-mk-E |         | Geometrical tolerance: ISO 8015 - E |                                | Roughness: ISO 1302 |
|                                                     |         | Designer                            | in Pula Tecnica/Ingegneria     |                     |
|                                                     |         | Approved                            | Via Sengalli 1 - 44124 Ferrara |                     |
| Exp. BES III Tools                                  |         | Exp. Project                        | 28/06/2017                     | Document            |
| Layer 3 Permglas Ring                               |         | Scale                               | 1:1                            | Rev. 1              |
|                                                     |         | Drawn                               | 1                              | Rev. 1              |

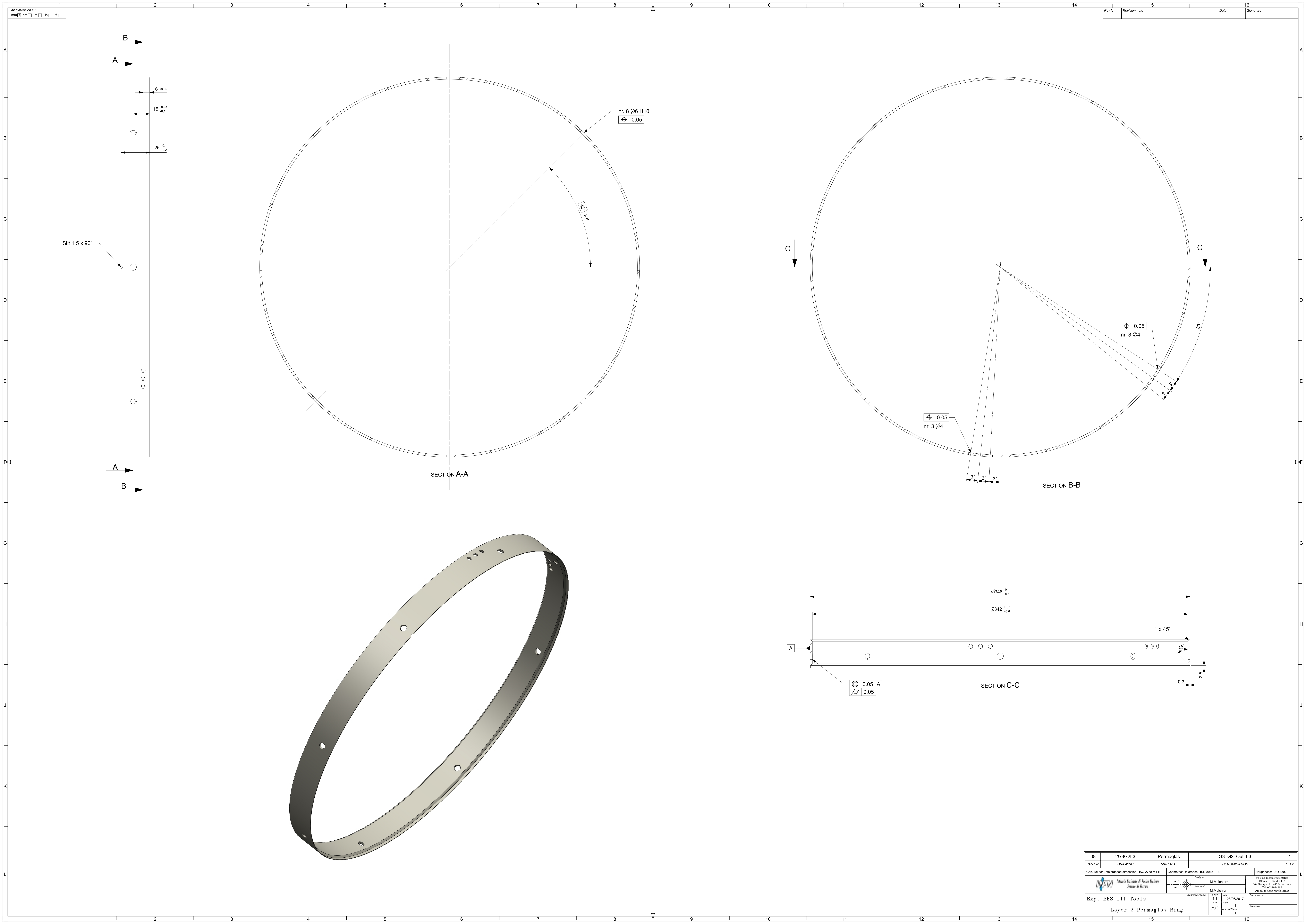


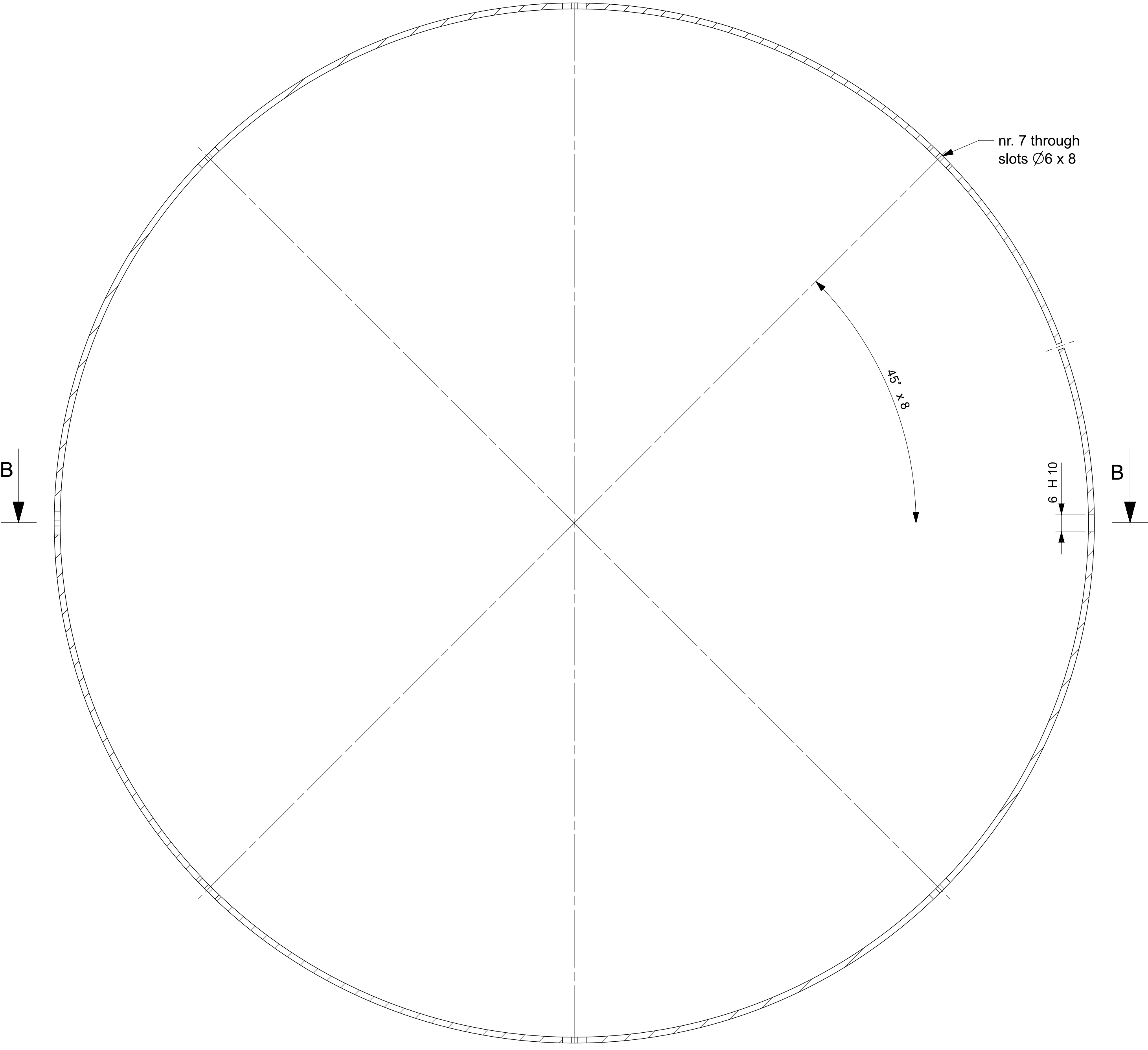
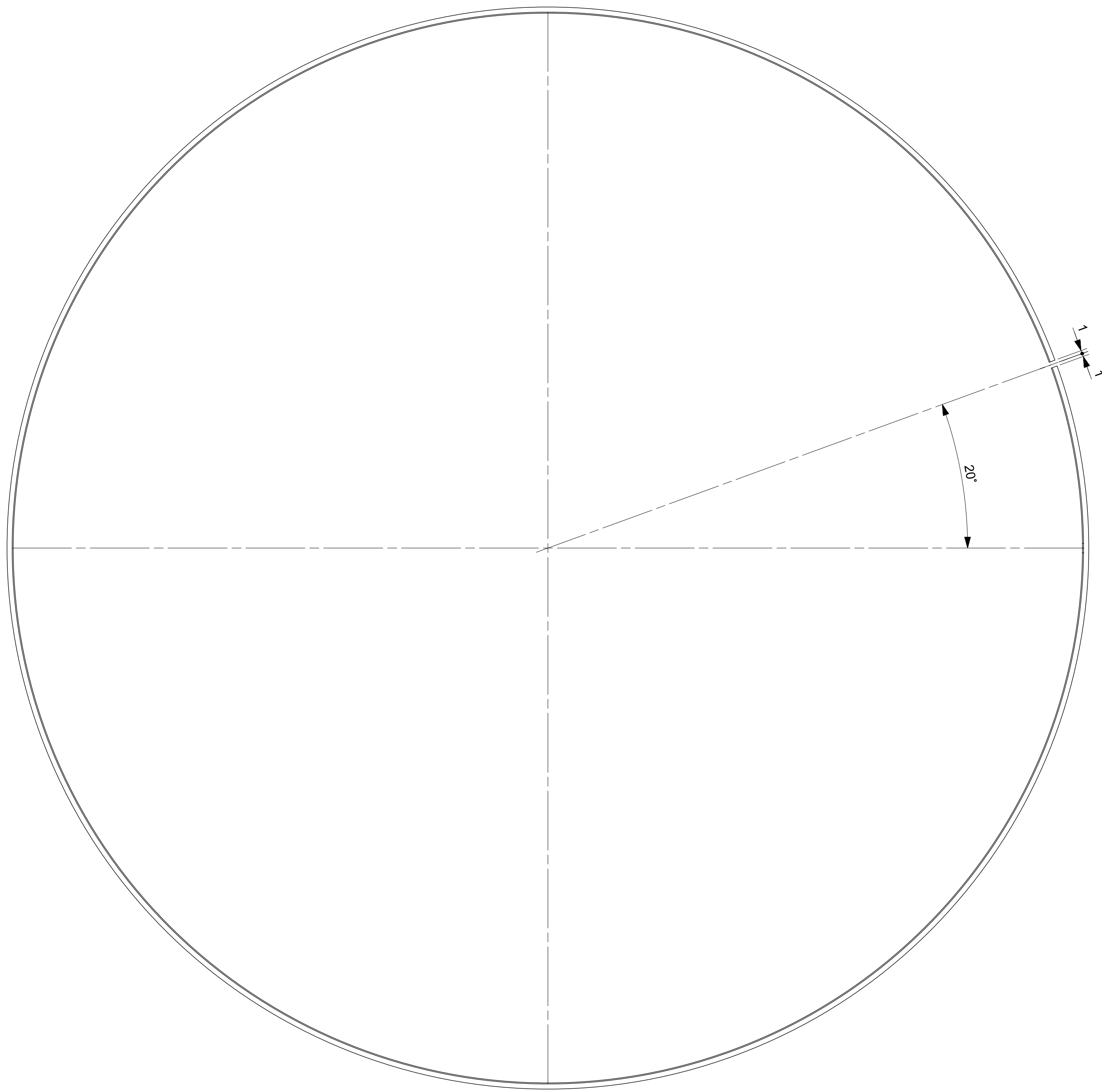
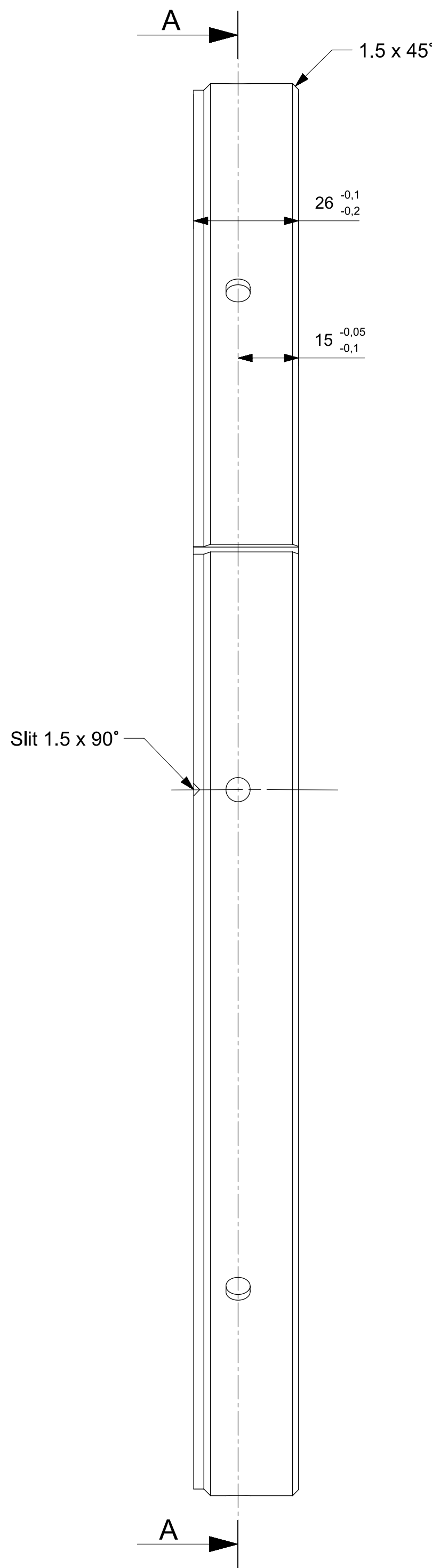
SECTION A-A



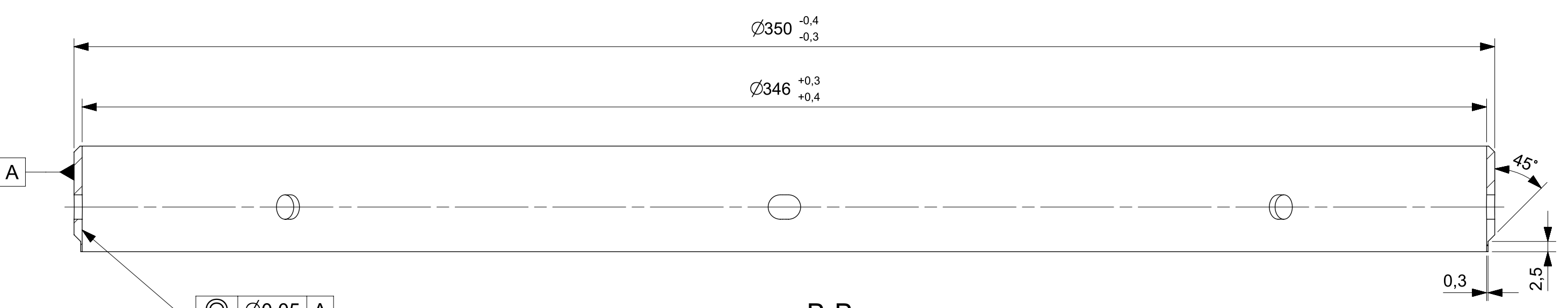
SECTION B-B

|                                                     |            |                                     |                              |                     |
|-----------------------------------------------------|------------|-------------------------------------|------------------------------|---------------------|
| 07                                                  | 1G3G2L3_V2 | Permaglas                           | G3_G2_In_L3_V2               | 1                   |
| PART N.                                             | DRAWING    | MATERIAL                            | DENOMINATION                 | Q.TY                |
| Gen. Tol. for untoleranced dimension: ISO 2768-mk-E |            | Geometrical tolerance: ISO 8015 - E |                              | Roughness: ISO 1302 |
|                                                     |            | Designer                            | cto Pula Tecnica/Innovazione |                     |
|                                                     |            | Approved                            | Via Sengul 1 - 44124 Ferrara |                     |
| Exp. BES III Tools                                  |            | M.Melchiorri                        |                              | Tel. 0532743400     |
|                                                     |            | email: melchiorri@inf.it            |                              |                     |
| Layer 3 Permglas Ring                               |            | Scale                               | 1:1                          | Date                |
|                                                     |            | Drawn                               | AO                           | 28/06/2019          |
|                                                     |            | Rev. of Project                     | 1                            | Page                |
|                                                     |            | Document                            |                              |                     |





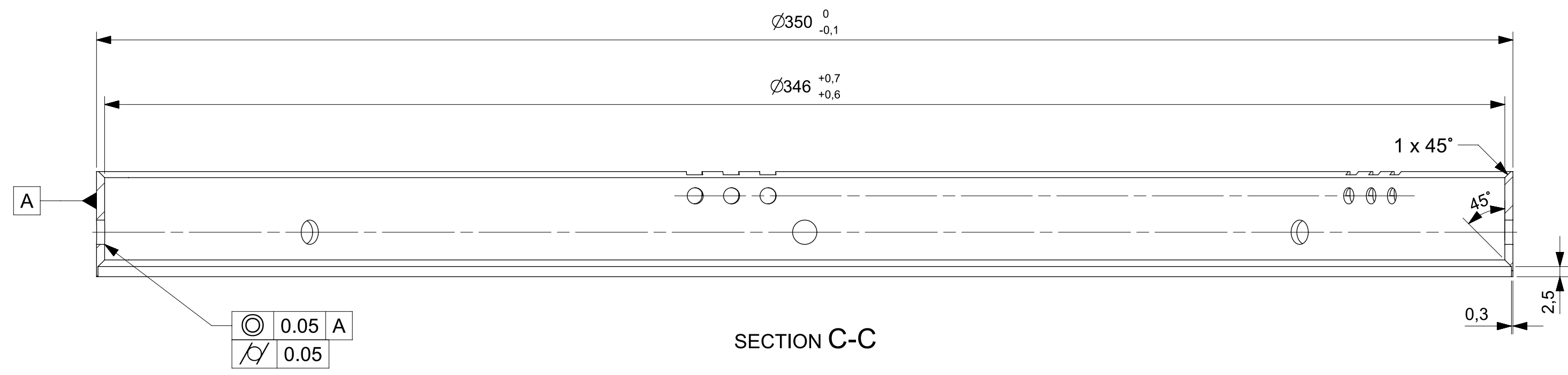
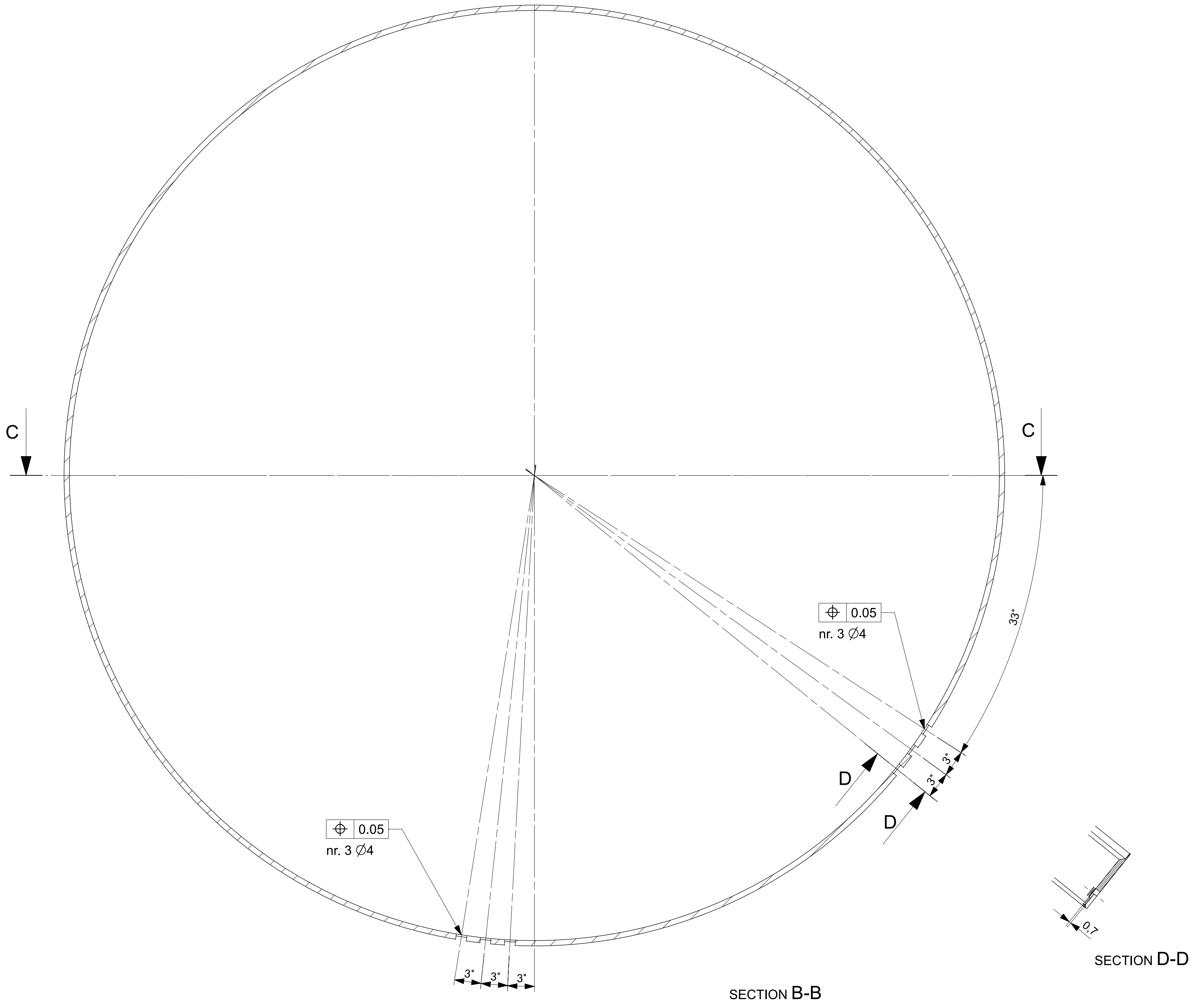
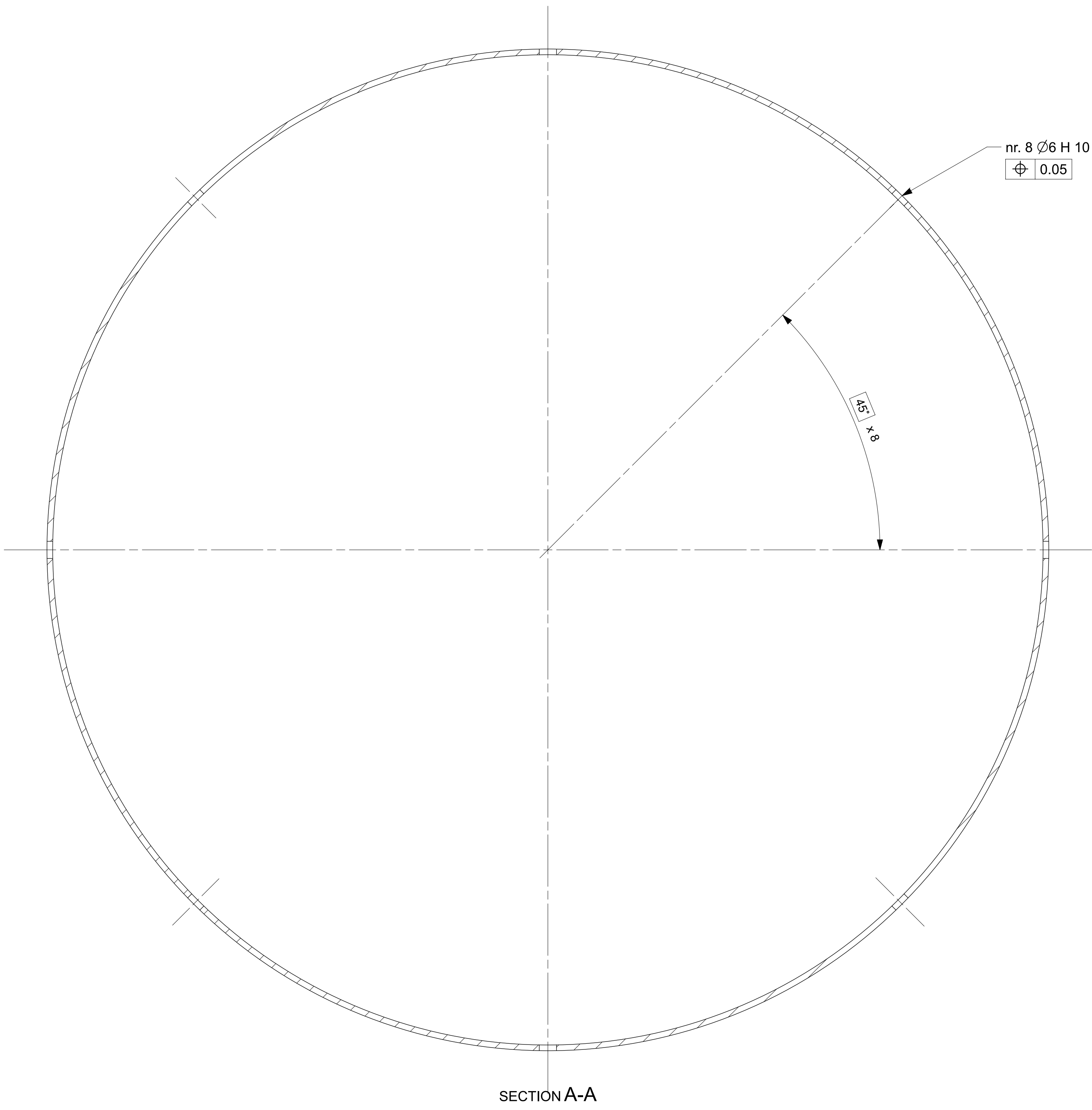
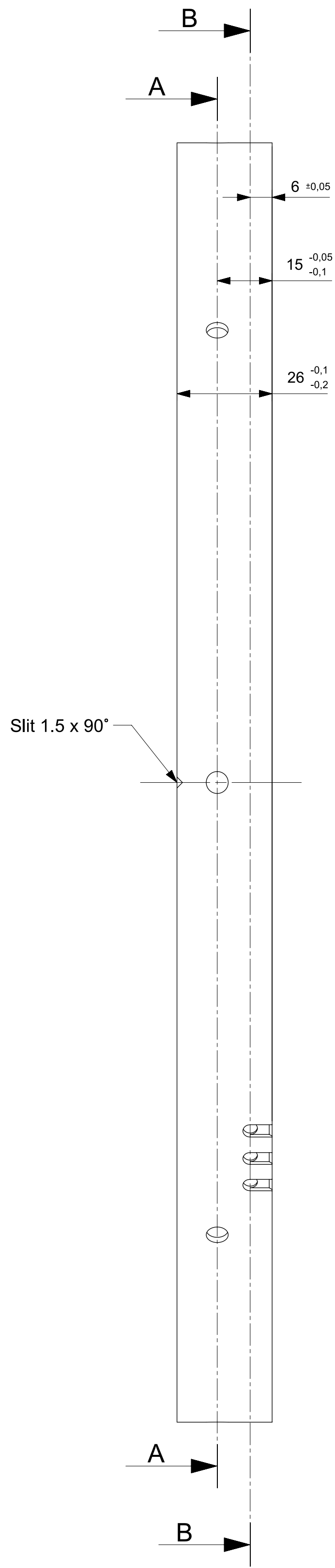
SECTION A-A



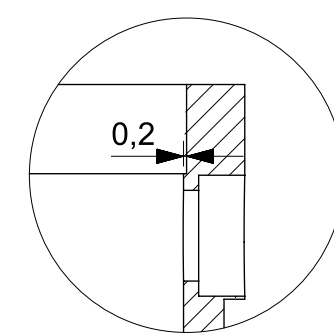
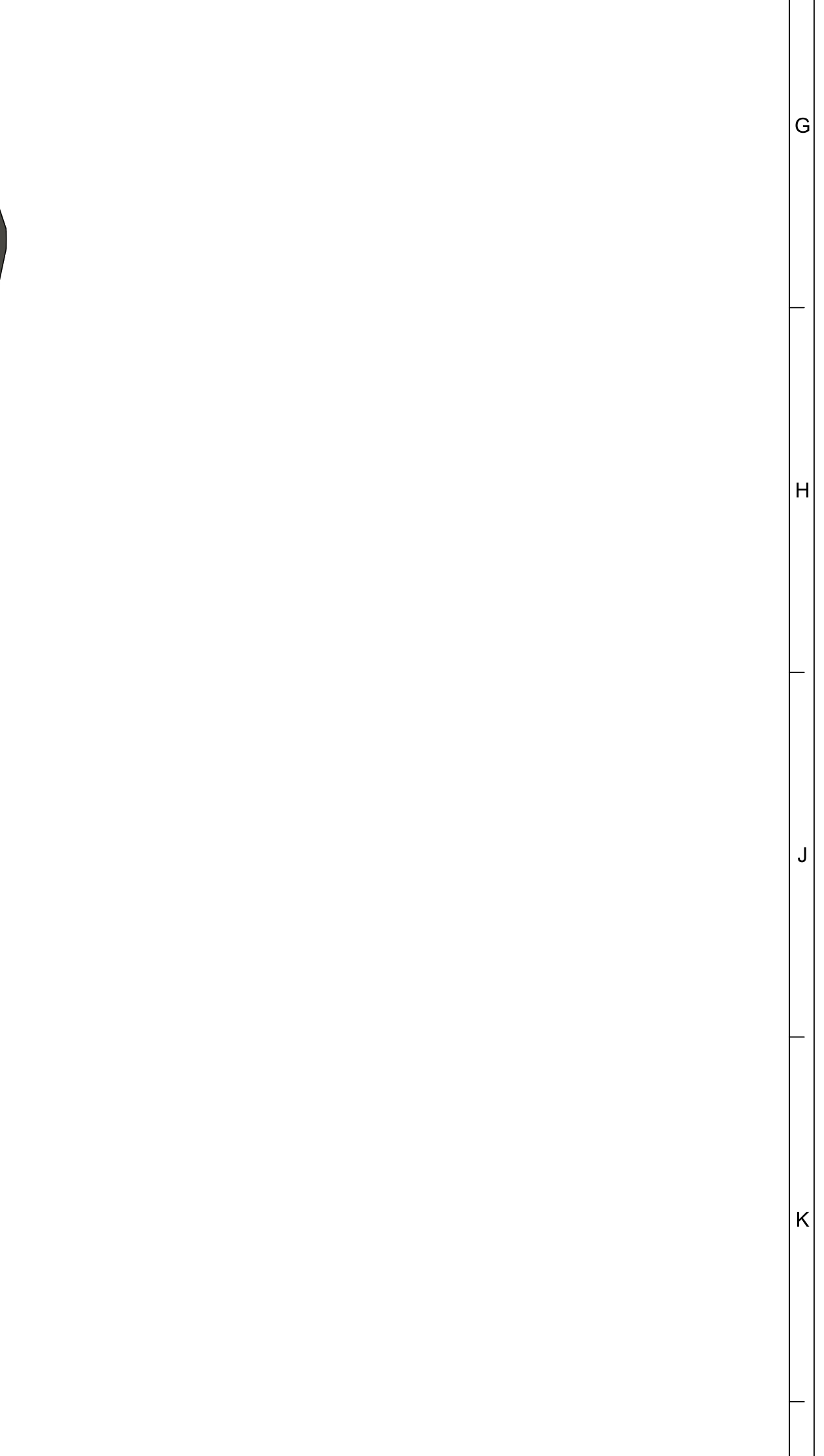
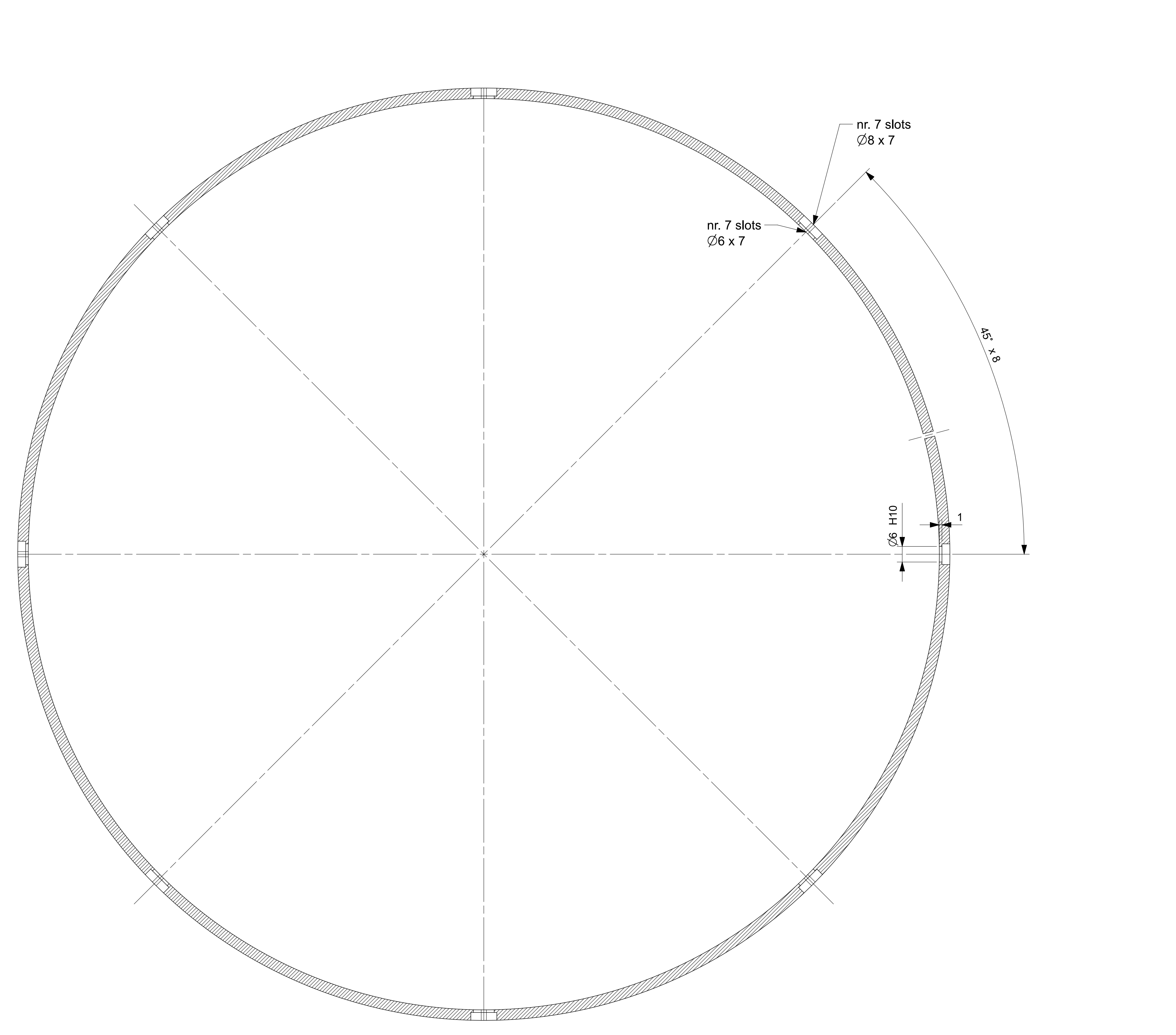
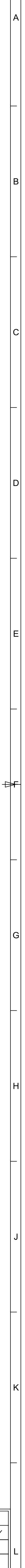
SECTION B-B

|  |                    |   |
|--|--------------------|---|
|  | $\varnothing 0.05$ | A |
|  | $\varnothing 0.05$ |   |

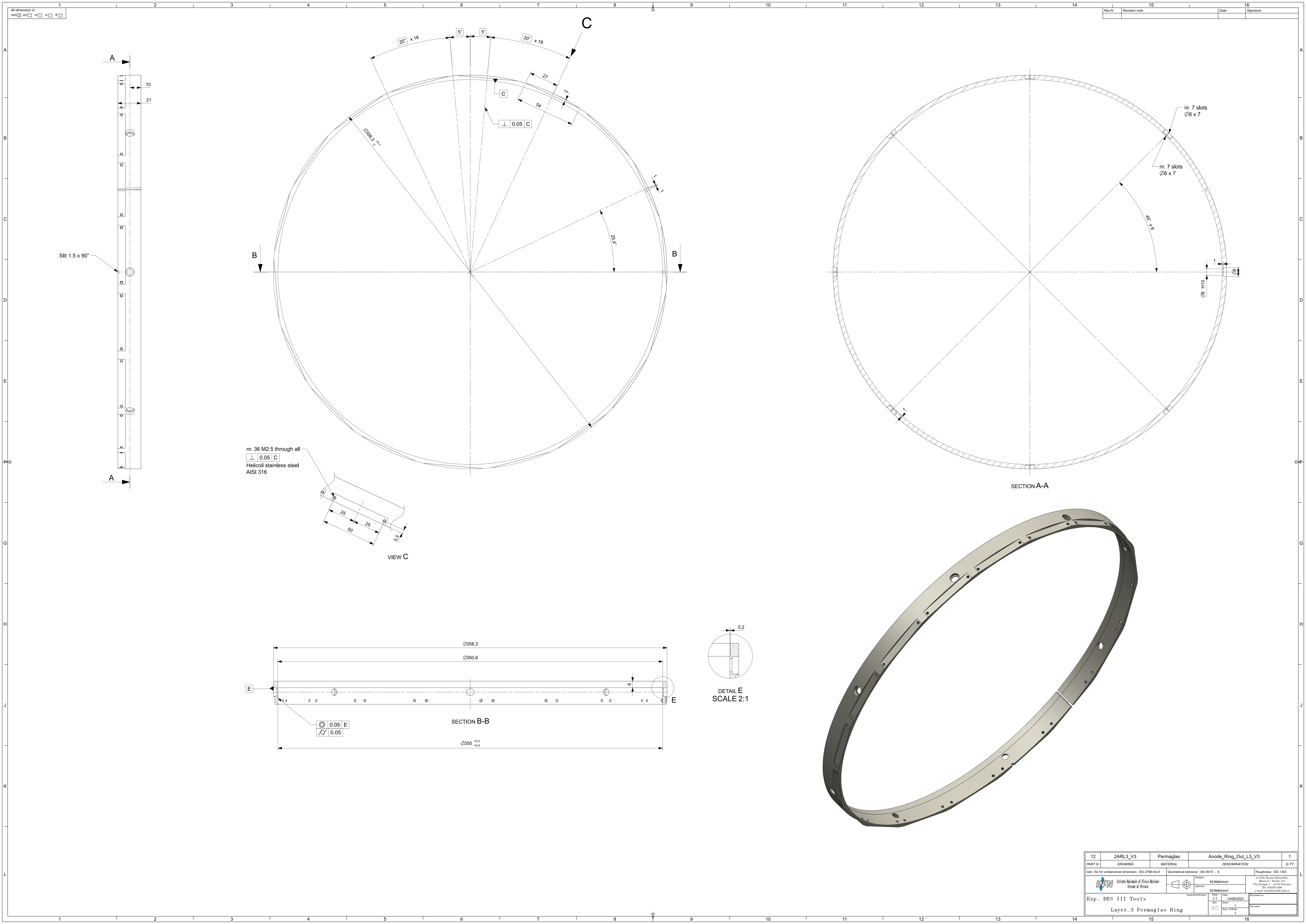
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|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 09                                                                                                                                                   | 1AG3L3_V2 | Permaglas                                                                             | A_G3_In_L3_V2                                                                                     |                                                                                                                                             | 1                   |
| PART N.                                                                                                                                              | DRAWING   | MATERIAL                                                                              | DENOMINATION                                                                                      |                                                                                                                                             | Q.TY                |
| Gen. Tol. for untoleranced dimension: ISO 2768-mk-E                                                                                                  |           | Geometrical tolerance: ISO 8015 - E                                                   |                                                                                                   |                                                                                                                                             | Roughness: ISO 1302 |
| <br>Istituto Nazionale di Fisica Nucleare<br>Sezione di Ferrara |           |  | Designer<br> | c/o Polo Tecnico-Industriale<br>Brescia - 41124 Ferrara<br>Via Sengalli, 1 - 44124 Ferrara<br>Tel. 0532/714301<br>e-mail: melchiorri@inf.it |                     |
|                                                                                                                                                      |           |                                                                                       | Approved<br> |                                                                                                                                             |                     |
| Exp. BES III Tools                                                                                                                                   |           | Drawing Project                                                                       |                                                                                                   | Scale<br>Date<br>28/06/2019                                                                                                                 | Document no.        |
| Layer_3 Permglas Ring                                                                                                                                |           | AO                                                                                    |                                                                                                   | Size<br>1<br>N° of Sheet                                                                                                                    | File name           |



|                                                     |         |                                     |                                                                                                    |                     |           |
|-----------------------------------------------------|---------|-------------------------------------|----------------------------------------------------------------------------------------------------|---------------------|-----------|
| 10                                                  | 2AG3L3  | Permaglas                           | A_G3_Out_L3                                                                                        |                     | 1         |
| PART N.                                             | DRAWING | MATERIAL                            | DENOMINATION                                                                                       |                     | Q.TY      |
| Gen. Tol. for untoleranced dimension: ISO 2768-mk-E |         | Geometrical tolerance: ISO 8015 - E |                                                                                                    | Roughness: ISO 1302 |           |
|                                                     |         | Designer                            | c/o Polo Tecnico-Industriale<br>Brescia - 44122 Ferrara<br>Tel. 0532/714301<br>e-mail: tech@inf.it |                     |           |
|                                                     |         | Approved                            | M.Melchiorri                                                                                       |                     |           |
| Exp. BES III Tools                                  |         | Scale                               | 1:1                                                                                                | 28/06/2017          |           |
| Layer 3 Permglas Ring                               |         | Drawn                               | AO                                                                                                 | 1                   | File name |
|                                                     |         | Notes of sheet                      | 1                                                                                                  |                     |           |



|  |   |
|--|---|
|  | L |
|--|---|



|                                                                                       |          |                                                                                                             |                      |                     |      |
|---------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------------------|----------------------|---------------------|------|
| 12                                                                                    | 2ARL3_V3 | Permaglas                                                                                                   | Anode_Ring_Out_L3_V3 |                     | 1    |
| PART N.                                                                               | DRAWING  | MATERIAL                                                                                                    | DENOMINATION         |                     | Q.TY |
| Gen. Tol. for untoleranced dimension: ISO 2768-mk-E                                   |          | Geometrical tolerance: ISO 8015 - E                                                                         |                      | Roughness: ISO 1302 |      |
|  |          | on Pula Tecnica e Progettazione<br>Brescia - 44124 Ferrara<br>Tel. 0532/743401<br>email: techsupport@inf.it |                      |                     |      |
|                                                                                       |          | M.Melchiorri                                                                                                |                      |                     |      |
| Exp. BES III Tools                                                                    |          | Exp. Date                                                                                                   |                      | 13/06/2022          |      |
| Layer_3 Permglas Ring                                                                 |          | Scale                                                                                                       |                      | 1:1                 |      |
|                                                                                       |          | Size                                                                                                        |                      | Rev. 1              |      |
|                                                                                       |          | AO                                                                                                          |                      | File name           |      |