

Balloon

Pos.

Qty.

B

C

D

E

F

G

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Nº	MATERIAL	QTY
1	PIPE 2.1/2" SCH-10S ASTM A312 TP-316L (SEAMLESS)	20m
2	ELBOW 90° DN65 THICKNESS 2.9MMS RADIUS 3D BW ASTM A312 TP-316L	8
3	WN FLANGE DN65 PN16 DIN2633 BW ASTM A312 TP-316L	12
4	GASKET DN65 PN16 3MMS DIN2690 KLINGERSIL C-4430	6
5	HEXAGONAL BOLT M16 x 70 A2-80 DIN 933	24
6	HEXAGONAL NUT M16 A2-80 DIN 934	24
7	WASHER M8 A2-80 DIN 127	48

A

B

C

D

E

F

G

H

SPOOL #1

SPOOL #2

SPOOL #3

SPOOL #5

SPOOL #4

UNSPECIFIED WELDS:

70%

JOINT WITHOUT BEVEL

40%

JOINT WITH BEVEL

70%

50-100

70%

50-100

REINFORCEMENT JOINT

80%

PIPE/PROFILE JOINT

40%

40%

PLATE SPLICING

Note: Percentage (%) of the weld in relation to the smallest section of the weld joint.

Non-individual tolerances according to DIN 7168.

Angular Tolerance	Nominal Dimension	0-10	10-50	50-120	120-400	>400	
	Angular Tolerance	±1°	±0,5°	±0,33°	±0,16°	±0,083°	
Linear Tolerance	Nominal Dimension	0-6	6-30	30-120	120-315	315-1000	>1000
	Linear Tolerance	±0,1	±0,2	±0,3	±0,5	±0,8	±1,2

Drawn 3D:
Brajan IDDTEK.

Drawn 2D:
Brajan IDDTEK.

Date:
1/12/2025

1st Dihedral

ISO 5456-2

Designation:
Oxygen Route
Equipment:
TMT (FVRB-2,7-25)

Rev.
C

N° Drawing:
2558-3322-TMT-ESR30

Scale
1:40

Weight (kg)

Sheet
1 of 3

Format
A2

insertec

Furnaces & Refractories

1

2

3

4

5

6

7

8

9

10

Balloon
Pos.
Qty.

B

C

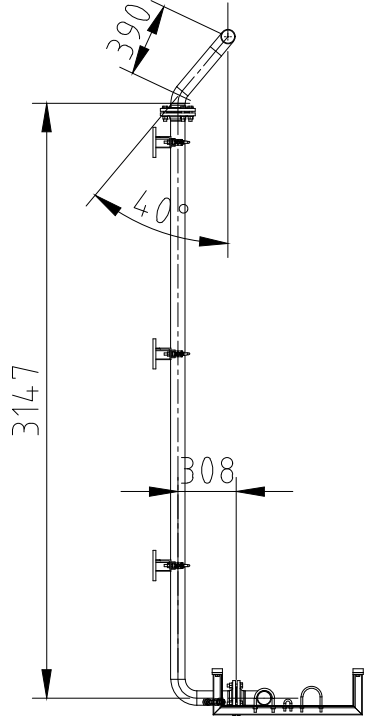
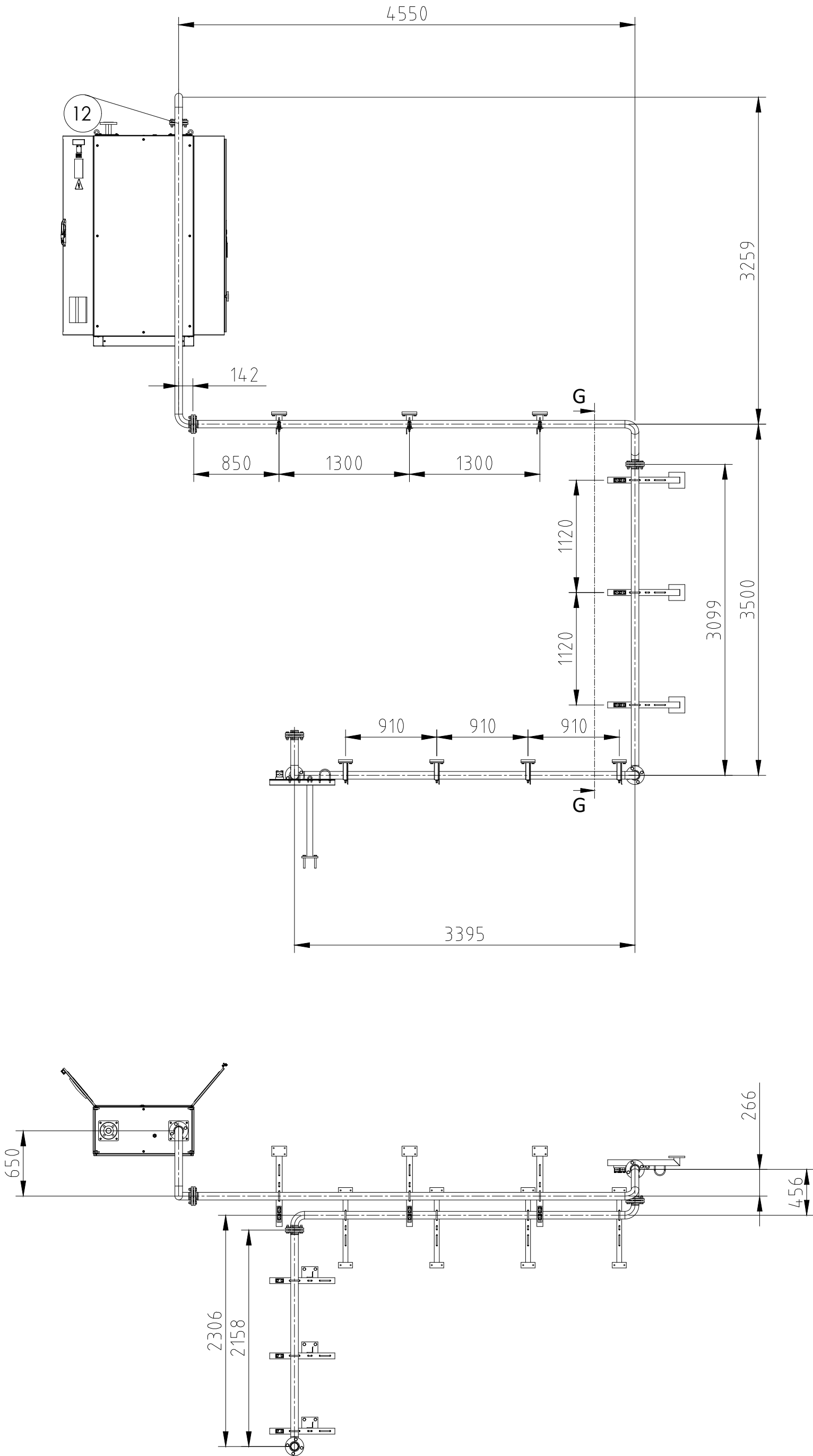
D

E

F

G

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Before manufacturing this part, carefully review the drawing and clarify all doubts.



SECCIÓN G-G

UNSPECIFIED WELDS:									
<div><div></div><div></div><div></div><div></div><div></div></div>									
Note: Percentage (%) of the weld in relation to the smallest section of the weld joint.									
Non-individual tolerances according to DIN 7168.							Drawn 3D: Brajan IDDTEK.		
Angular Tolerance	Nominal Dimension	0-10	10-50	50-120	120-400	>400	Drawn 2D: Brajan IDDTEK.	<div> Furnaces & Refractories</div>	
	Angular Tolerance	±1°	±0,5°	±0,33°	±0,16°	±0,083°			
Linear Tolerance	Nominal Dimension	0-6	6-30	30-120	120-315	315-1000	Date: 1/12/2025	1st Dihedral	
	Linear Tolerance	±0,1	±0,2	±0,3	±0,5	±0,8			
Designation: Oxygen Route					Rev. C	N° Drawing: 2558-3322-TMT-ESR30			
Equipment: TMT (FVRB-2,7-25)						Scale 1:40	Weight (kg)	Sheet 2 of 3	Format A2

Balloon
Pos.
Qty.

B

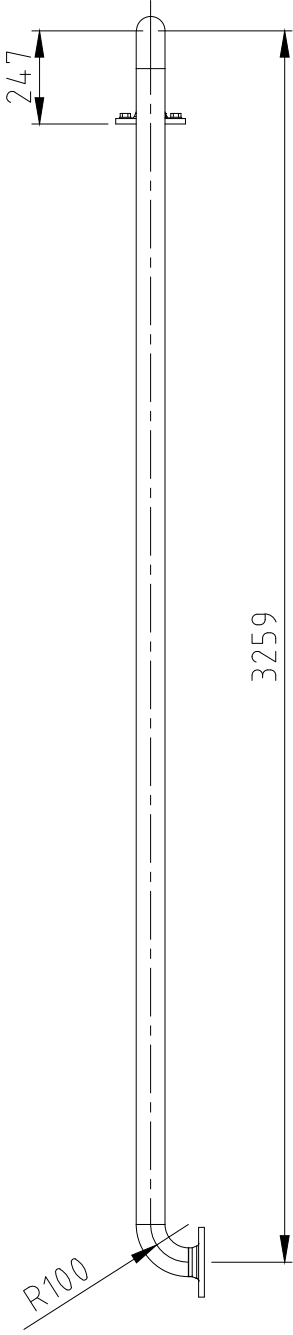
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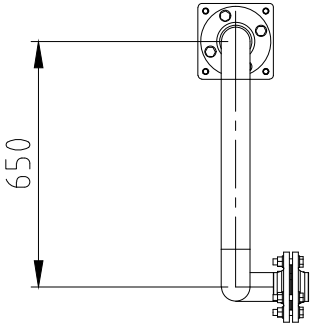
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F

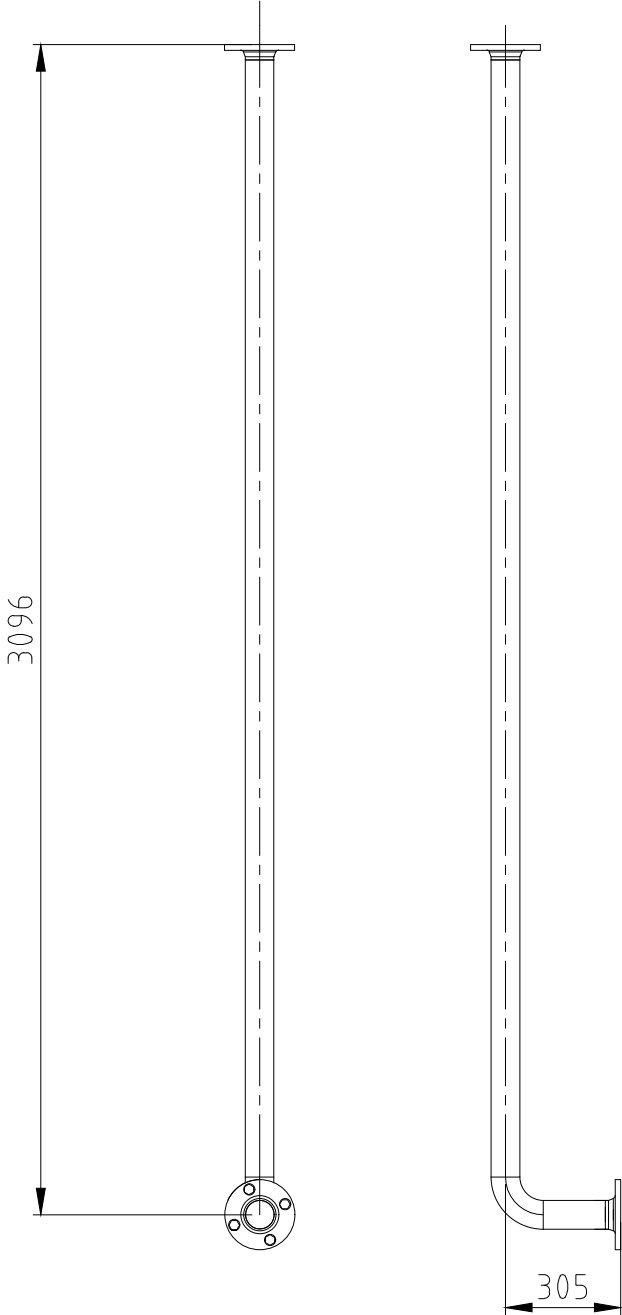
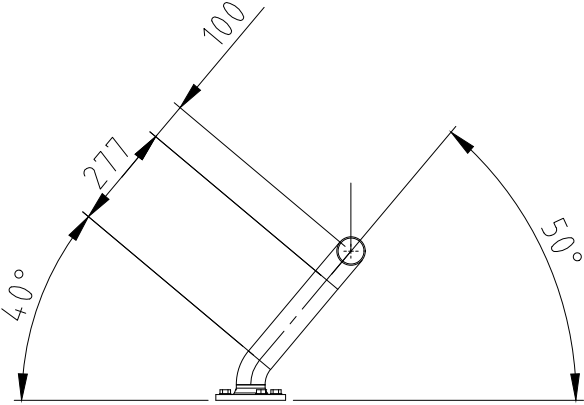
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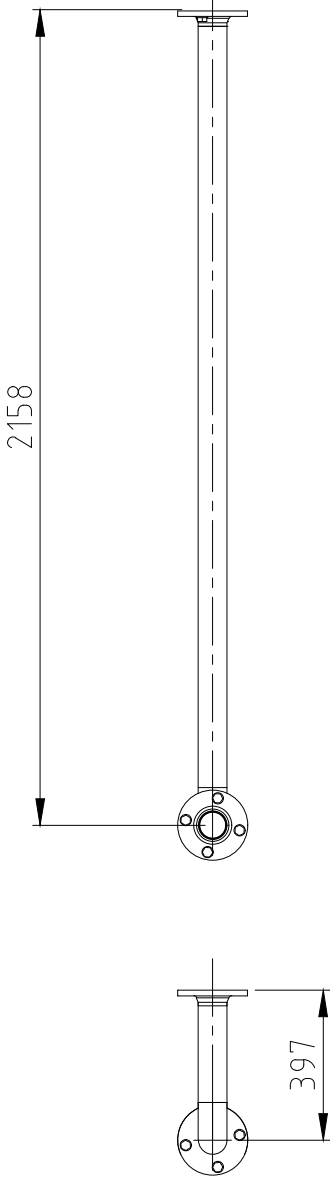
SPOOL #1



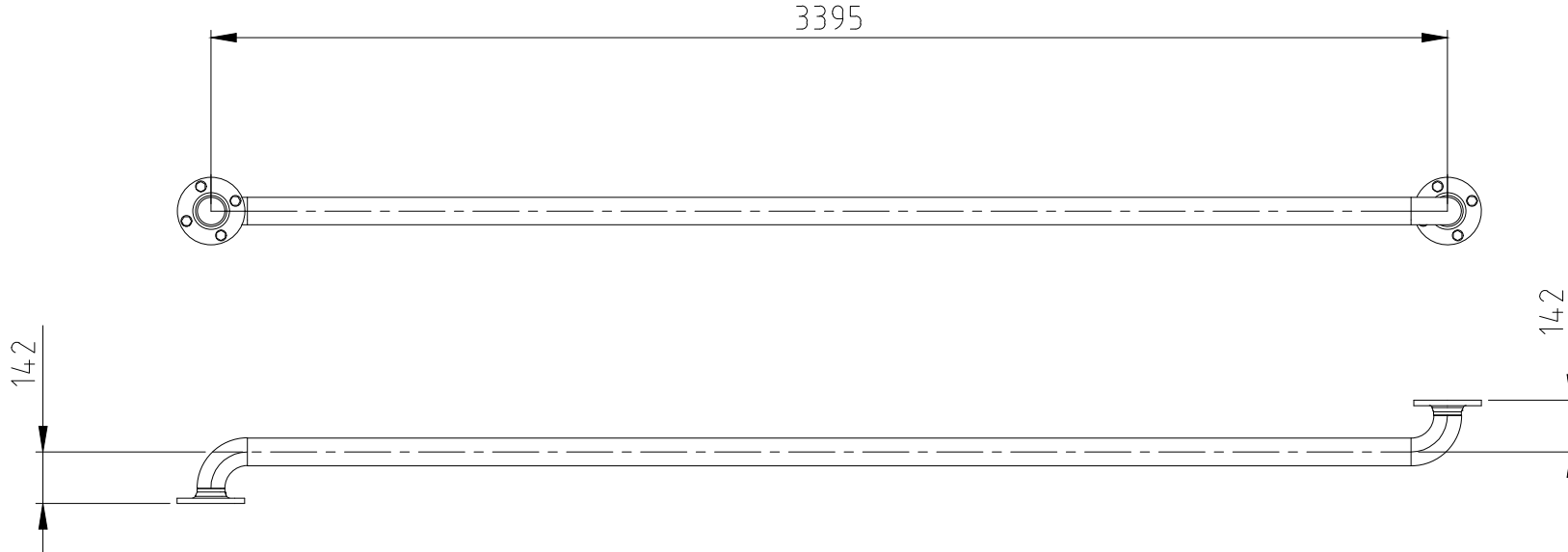
SPOOL #2



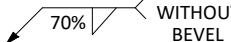
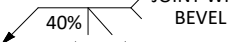
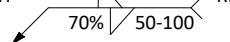
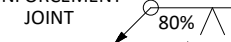
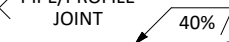
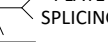
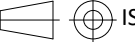
SPOOL #3



SPOOL #5



SPOOL #4

UNSPECIFIED WELDS:											
<div><div></div><div></div><div></div><div></div><div></div><div></div></div>											
Note: Percentage (%) of the weld in relation to the smallest section of the weld joint.											
Non-individual tolerances according to DIN 7168.							Drawn 3D: Brajan IDDTEK.				
Angular Tolerance	Nominal Dimension	0-10	10-50	50-120	120-400	>400		Drawn 2D: Brajan IDDTEK.			
	Angular Tolerance	±1°	±0,5°	±0,33°	±0,16°	±0,083°		insertec Furnaces & Refractories			
Linear Tolerance	Nominal Dimension	0-6	6-30	30-120	120-315	315-1000	>1000	Date:			
	Linear Tolerance	±0,1	±0,2	±0,3	±0,5	±0,8		1/12/2025			
Designation:							Rev.	1st Dihedral 			
Oxygen Route								N° Drawing:			
Equipment:								2558-3322-TMT-ESR30			
TMT (FVRB-2,7-25)							C	Scale	Weight (kg)	Sheet	Format
								1:20		3 of 3	A2

7

8

9

10

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