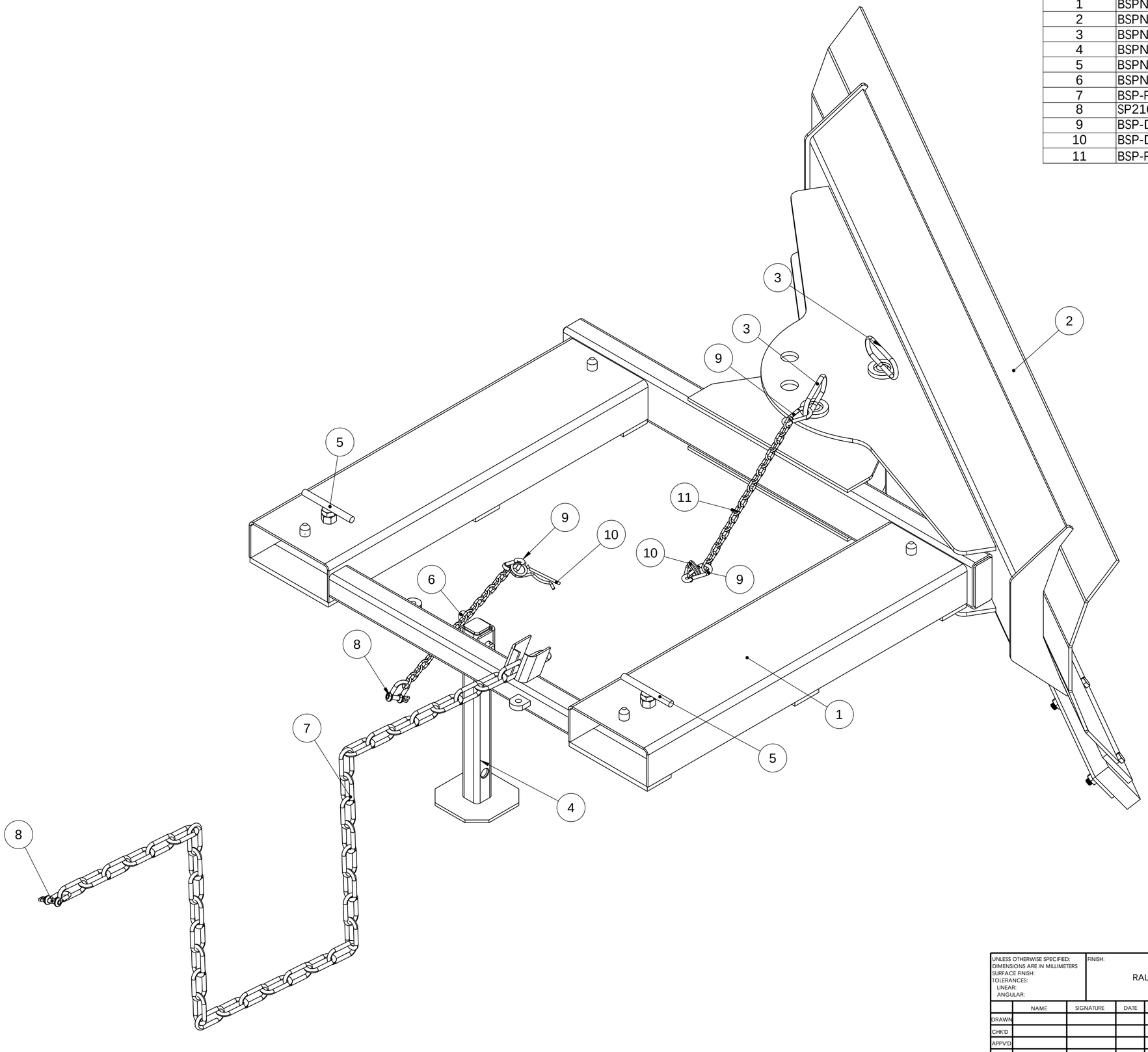
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BSPN-0412V2-A2		1
2	BSPN-0412V2-A1		1
3	BSPN-0412-A3		2
4	BSPN-0412-A4		1
5	BSPN-0412-H1		2
6	BSPN-0412-A5		1
7	BSP-F8DIN5685C	Standard chain DIN5685C-f8mm	1
8	SP21603	Standard part	2
9	BSP-DIN5299-27001B	Standard part DIN5299B-f4mm	3
10	BSP-DIN11024-27524	Standard part	3
11	BSP-F4DIN5685A	Standard chain DIN5685A-f4mm	1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH: RAL 3000	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

MATERIAL:

WEIGHT: 173.84

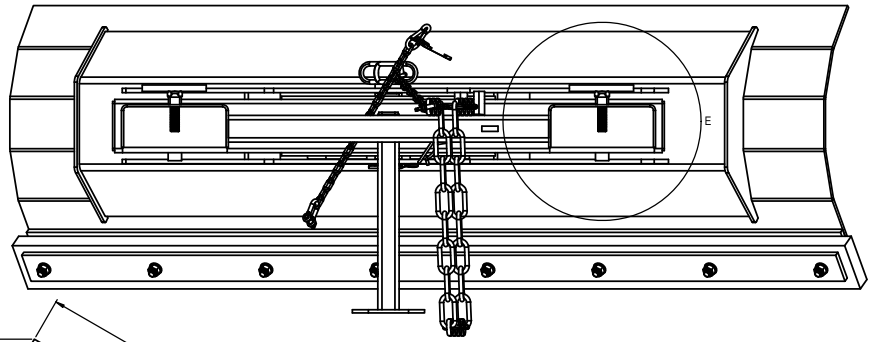
TITLE:

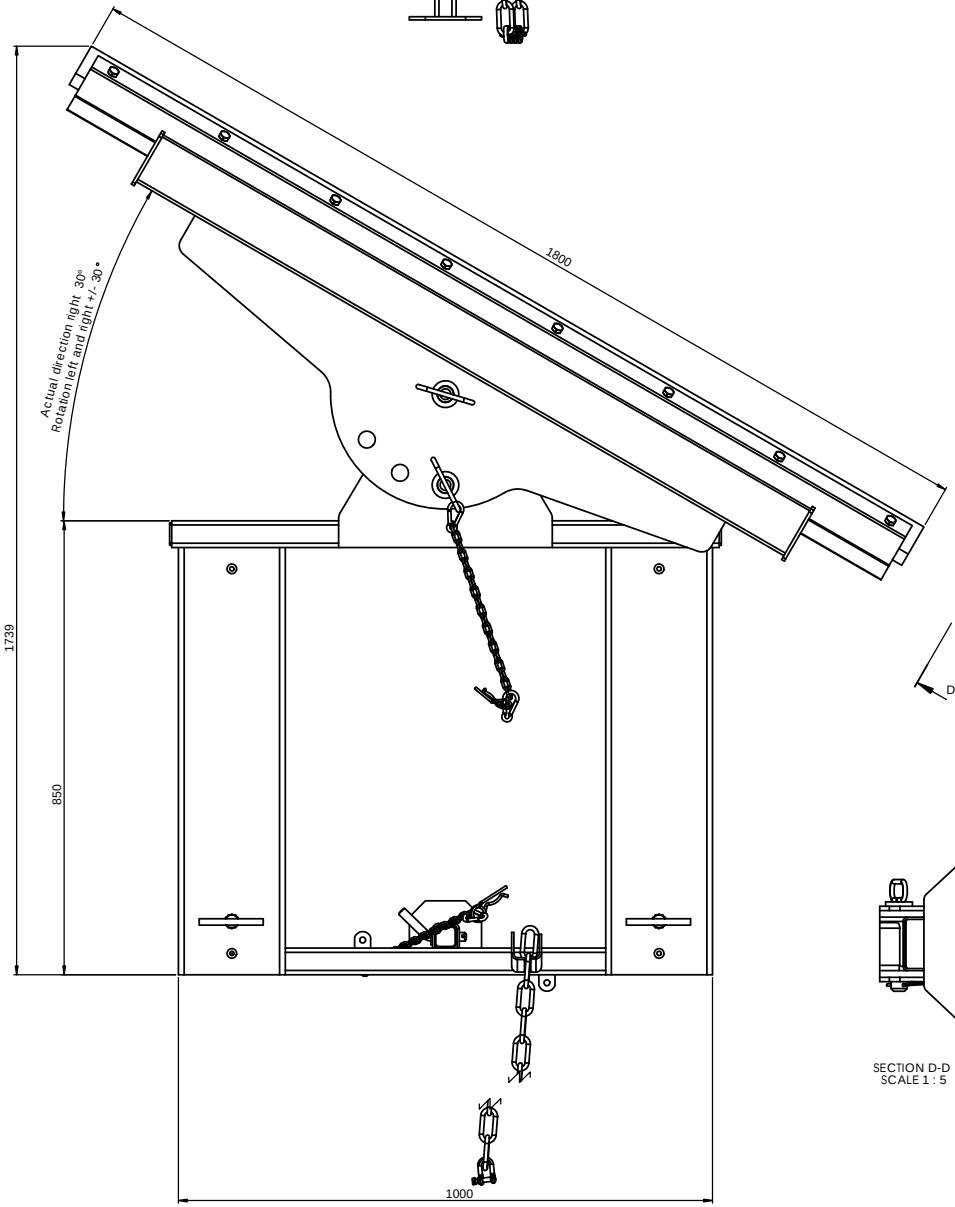
DWG NO. BSPN-0412

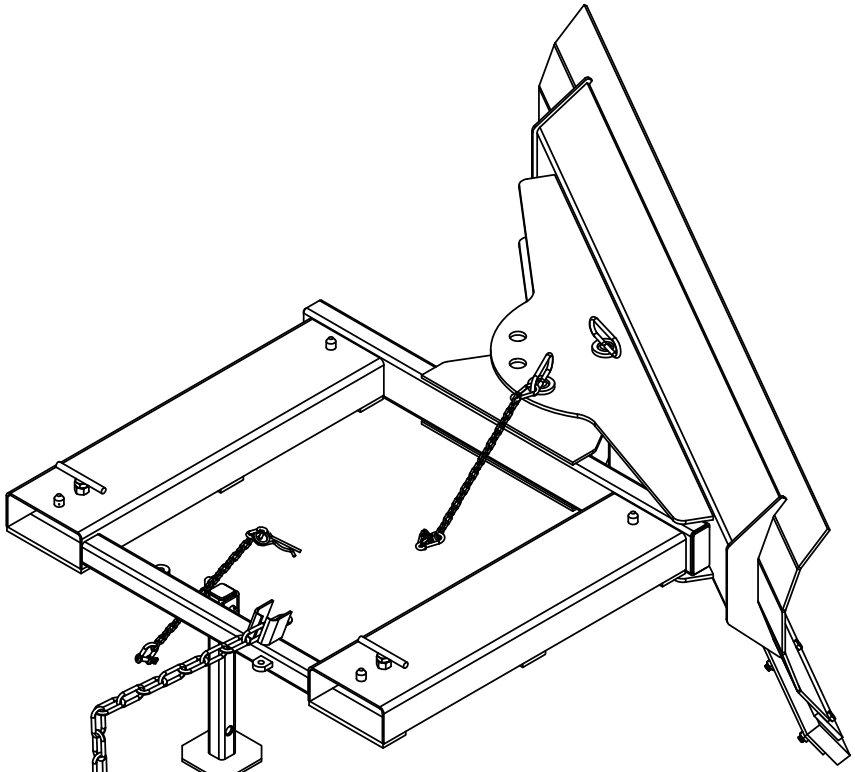
A2

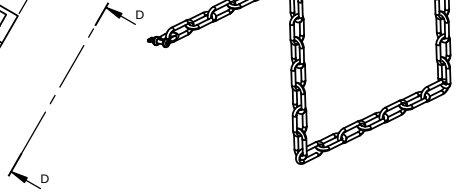
SCALE:1:20

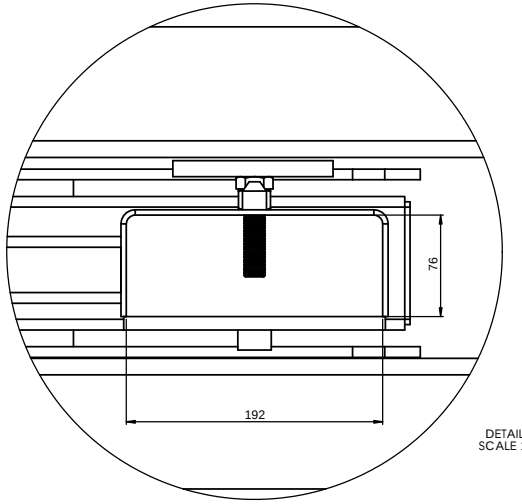
SHEET 1 OF 4



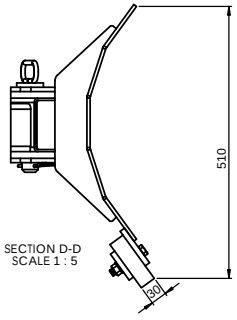






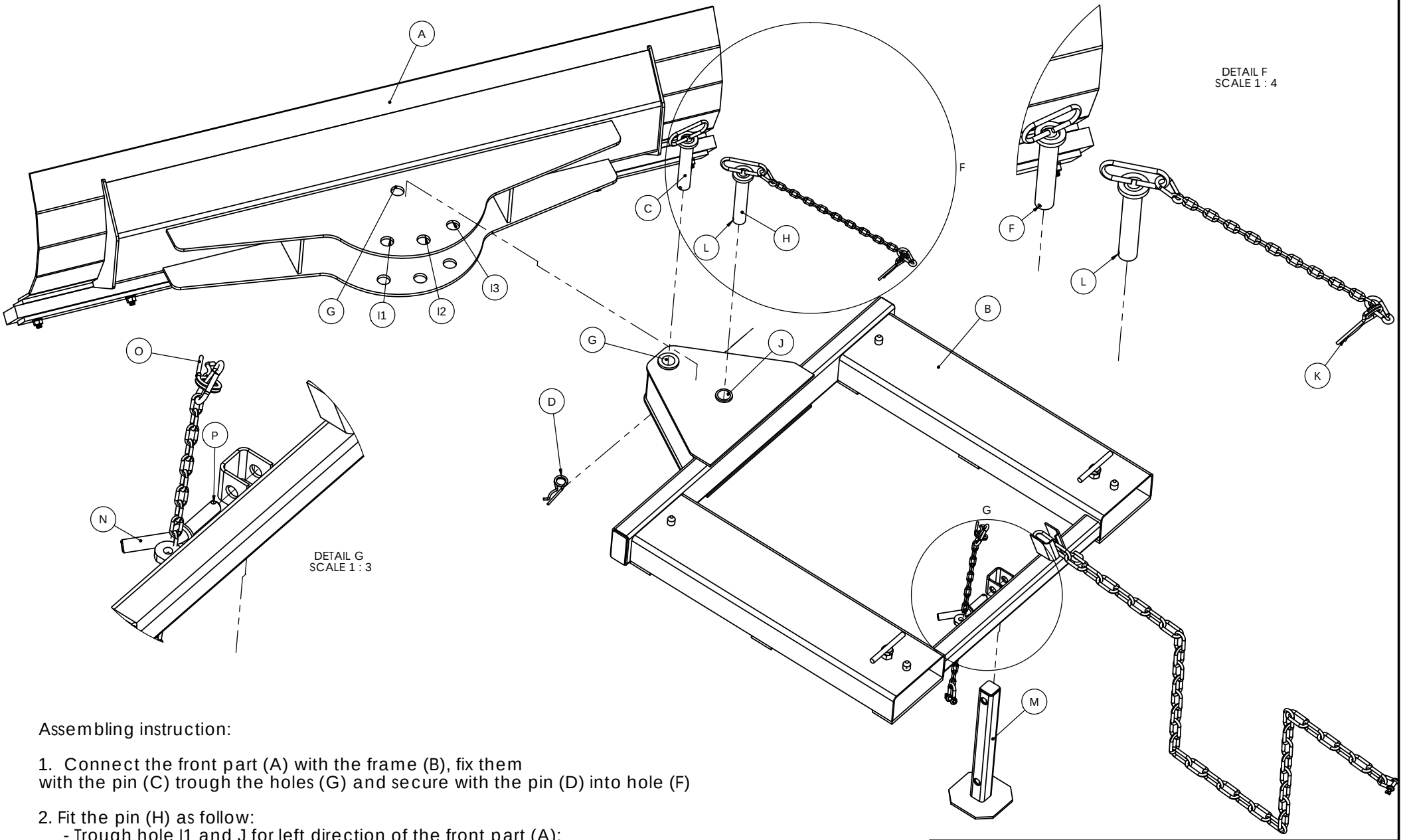


DETAIL E
SCALE 1 : 2



SECTION D-D
SCALE 1 : 5

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH: RAL 3000		DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE		TITLE:
DRAWN					
CHK'D					
APVD					
MFG					
Q.A.					
		MATERIAL:		DWG NO: BSPN-0412	A1
		WEIGHT: 173.84		SCALE:1:20	SHEET 2 OF 4



Assembling instruction:

1. Connect the front part (A) with the frame (B), fix them with the pin (C) trough the holes (G) and secure with the pin (D) into hole (F)

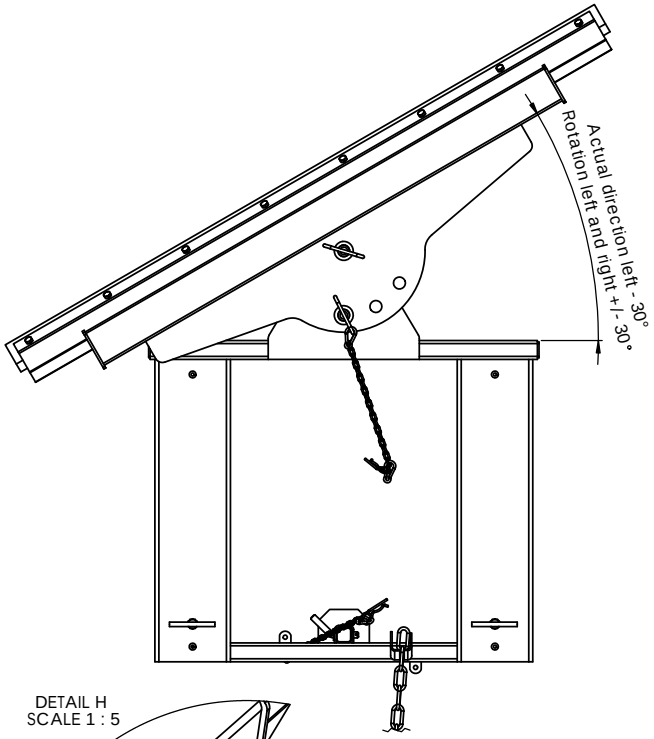
2. Fit the pin (H) as follow:
   - Trough hole I1 and J for left direction of the front part (A);
   - Trough hole I2 and J for straight position;
   - Trough hole I3 and J for right direction of the front part (A);

and secure with the pin (K) trough hole (L)

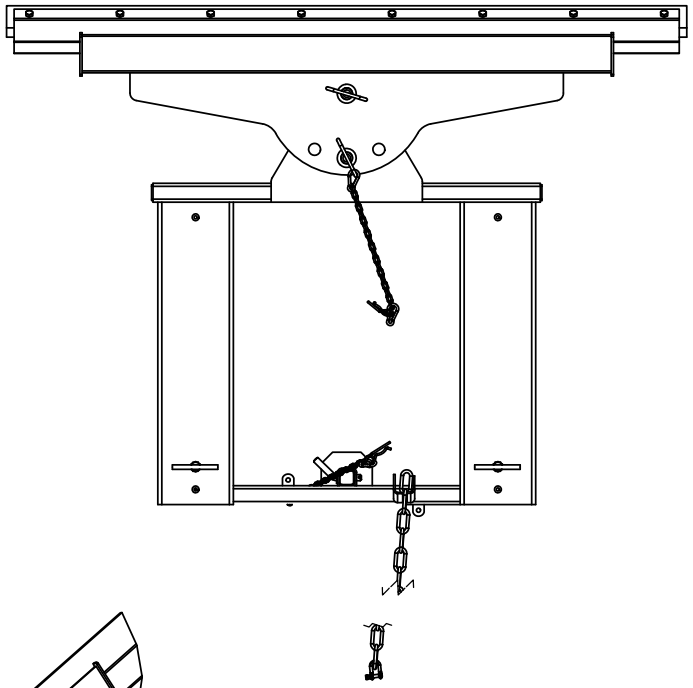
3. Fit the leg (M) with the frame (B), fix with the pin (N) and secure with the pin (O) trough the hole (P)

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: IT12 LINEAR: ANGULAR:	FINISH: RAL 3000		DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE	TITLE:	
DRAWN					
CHK'D					
APPV'D					
MFG					
Q.A					
			MATERIAL:	DWG NO. BSPN-0412	A2
			WEIGHT: 173.84	SCALE:1:20	SHEET 3 OF 4

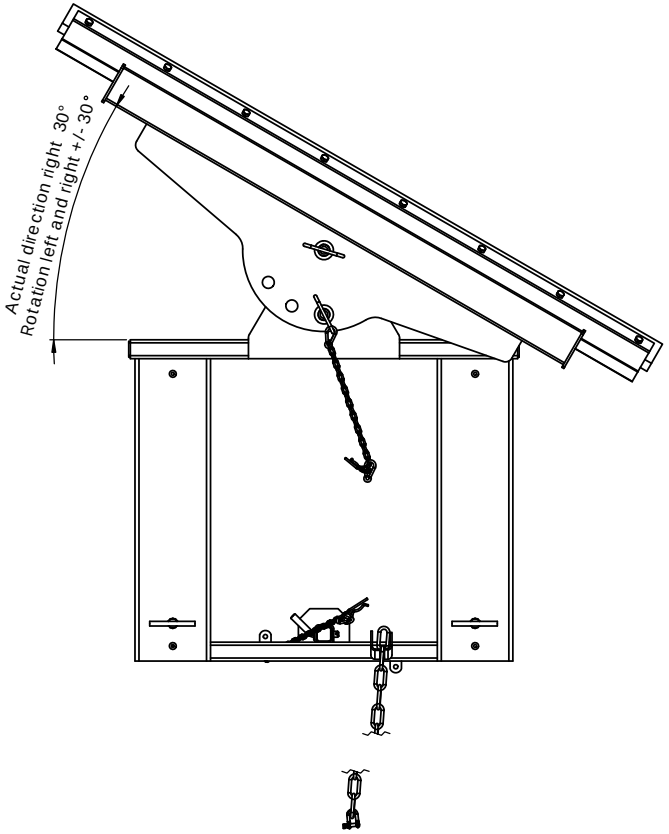
Left direction



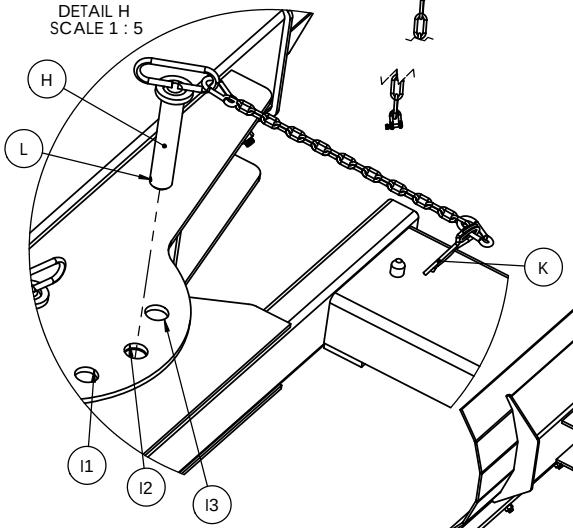
Straight position

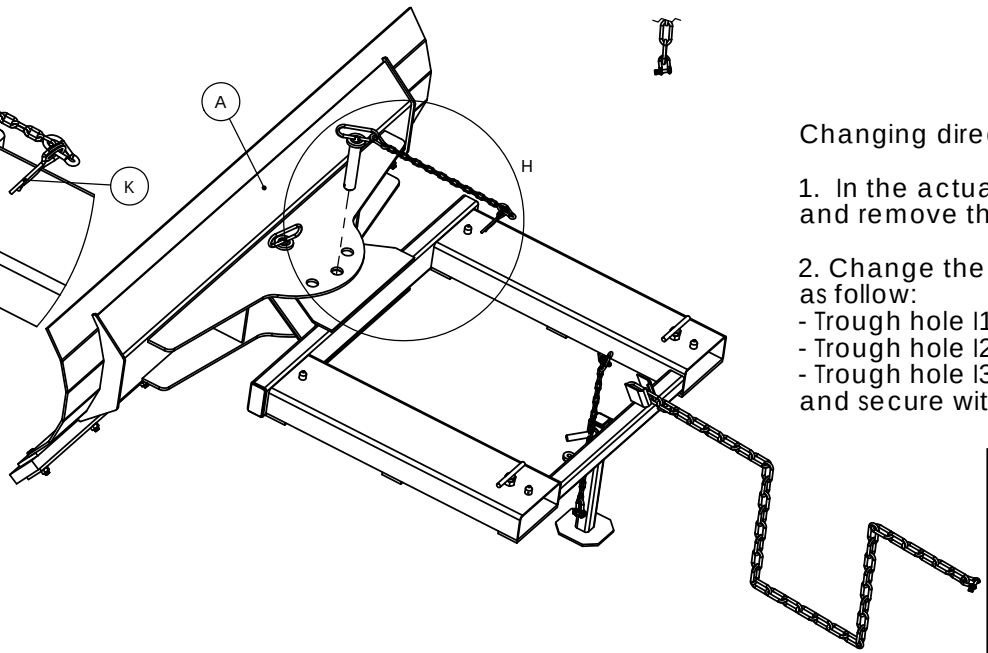


Right direction



DETAIL H
SCALE 1 : 5



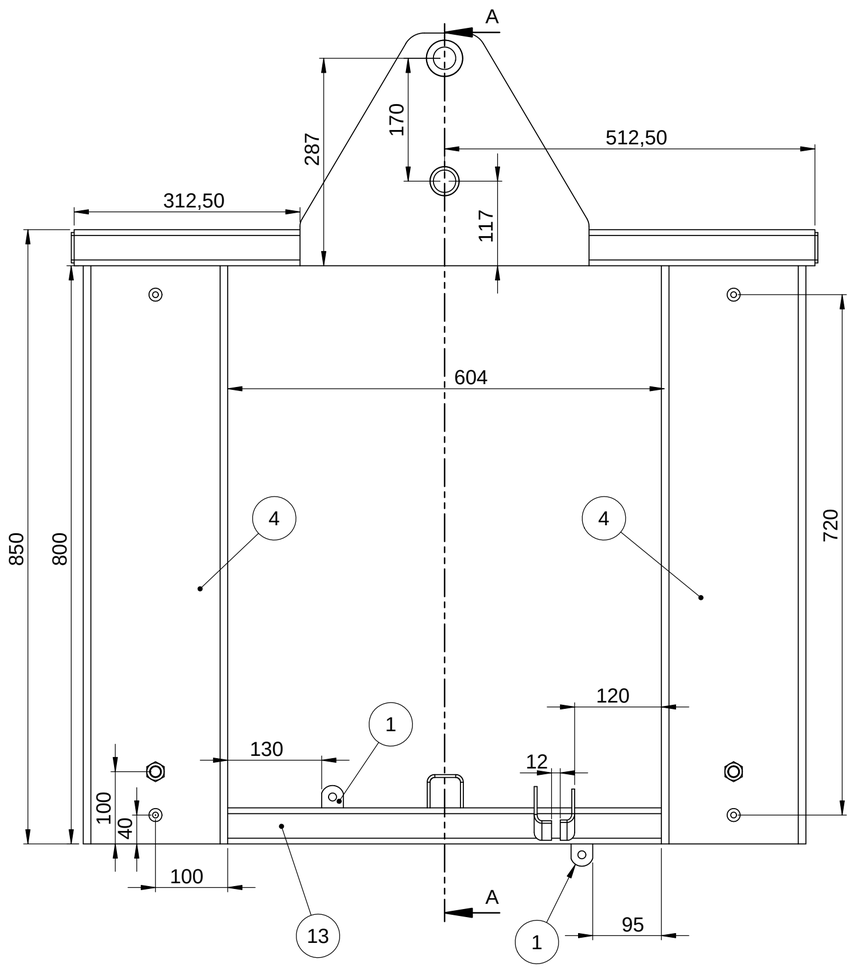


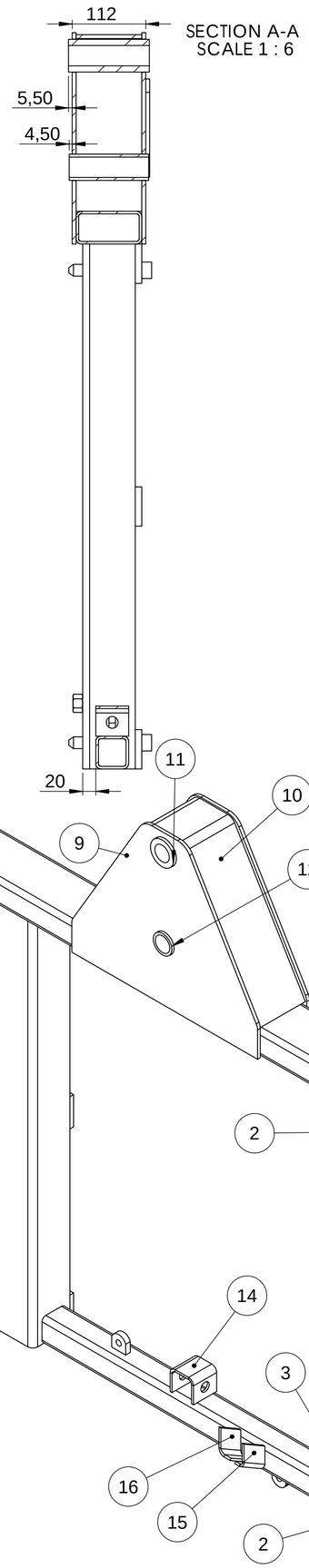
Changing direction:

1. In the actual position, remove the security pin (k) from the hole (L), and remove the pin(H)

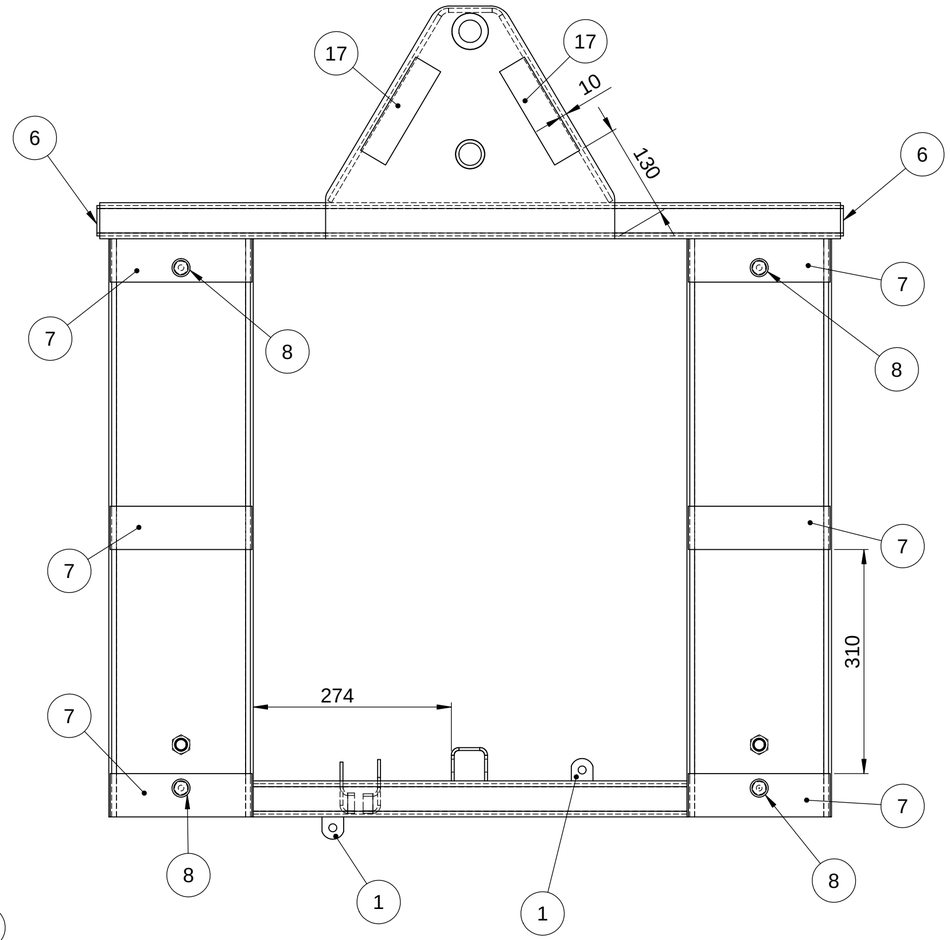
2. Change the direction of the front part (A) and Fit the pin (H) as follow:
- Trough hole I1 for left direction of the front part (A);
- Trough hole I2 for straight position;
- Trough hole I3 for right direction of the front part (A);
and secure with the pin (K) trough hole (L)

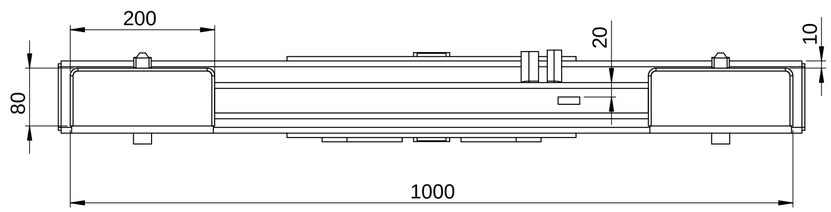
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: IT12 LINEAR: ANGULAR:		FINISH: RAL 3000			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL:		DWG NO. BSPN-0412	A2
				WEIGHT: 173.84		SCALE:1:20	SHEET 4 OF 4





SECTION A-A
SCALE 1 : 6





ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BSPN-0412-20		2
2	BSPN-0412-13		4
3	Hexagon Nut ISO 4032 - M16		2
4	BSPN-0412-09		2
5	BSPN-0412-10		1
6	BSPN-0412-11		2
7	BSPN-0412-12		6
8	BSPN-0412-14		4
9	BSPN-0412V2-15		2
10	BSPN-0412V2-16		1
11	BSPN-0412-17		1
12	BSPN-0412-18		1
13	BSPN-0412-19		1
14	BSPN-0412-21		1
15	BSPN-0412-22		1
16	BSPN-0412-23		1
17	BSPN-0412-31		2

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES: IT12
LINEAR:
ANGULAR:

FINISH: RAL 3000 powder coated

DEBUR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING | REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

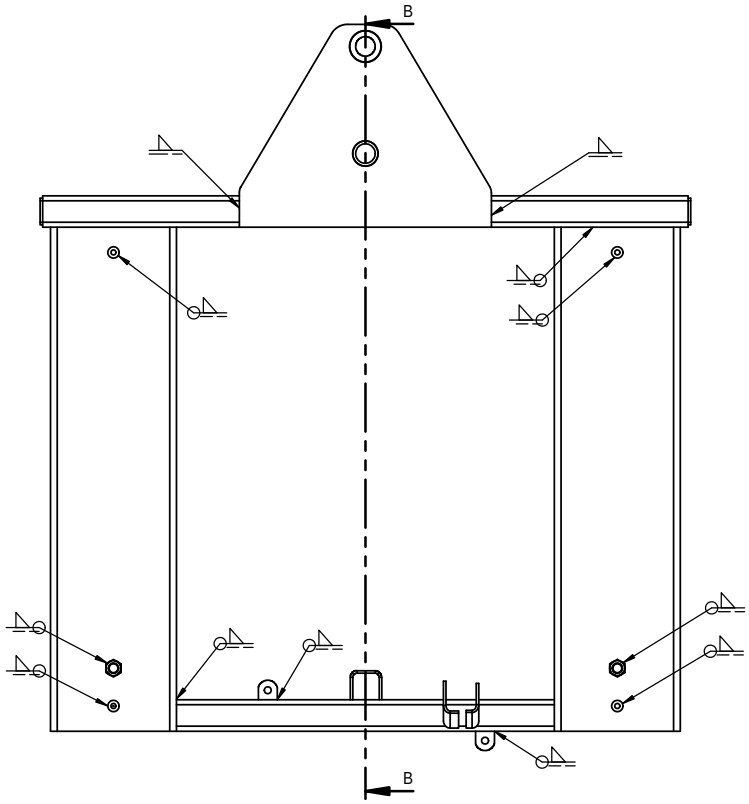
TITLE:

MATERIAL:

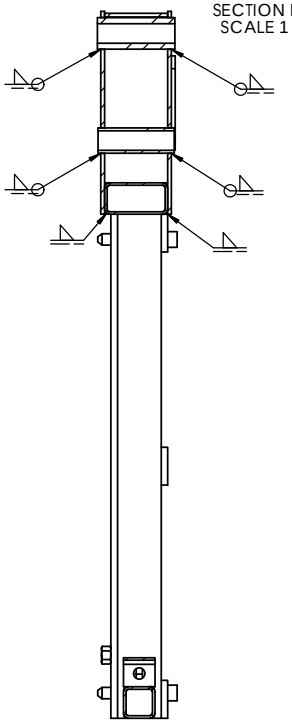
WEIGHT: 48.99

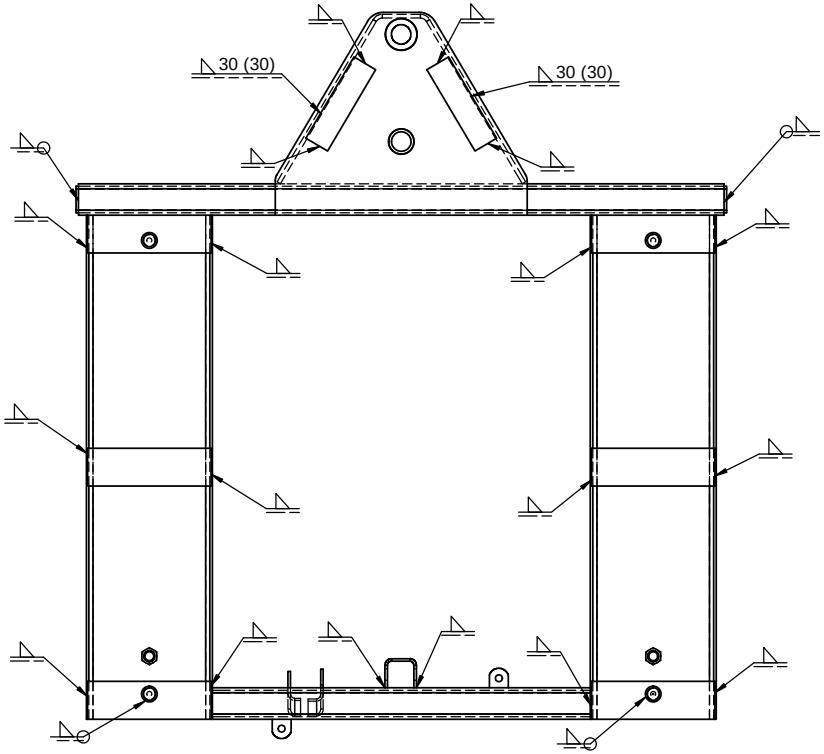
DWG NO. BSPN-0412V2-A2 | A2

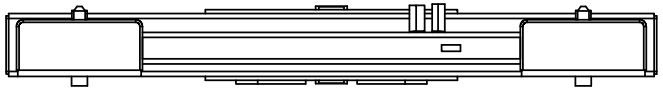
SCALE:1:10 | SHEET 1 OF 3

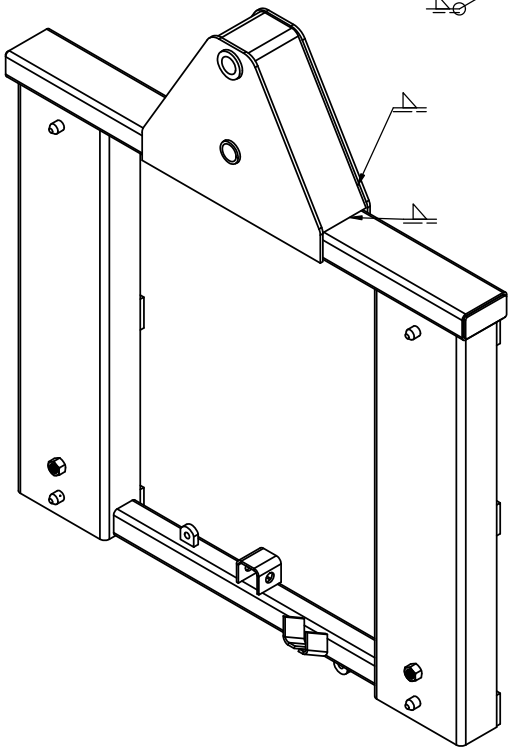


SECTION B-B
SCALE 1 : 6

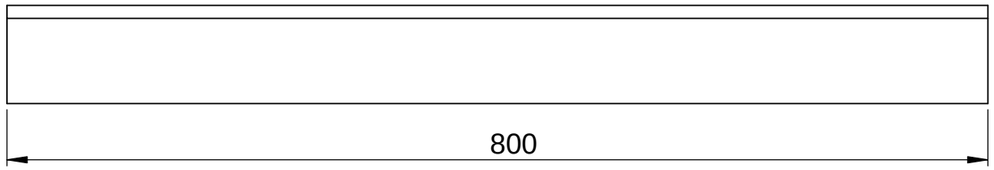


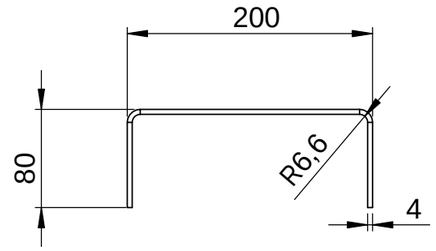


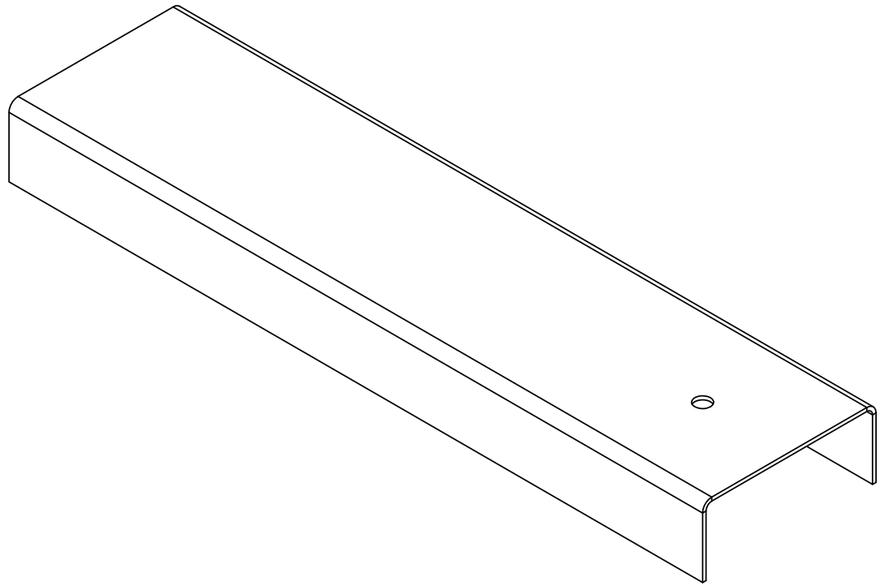


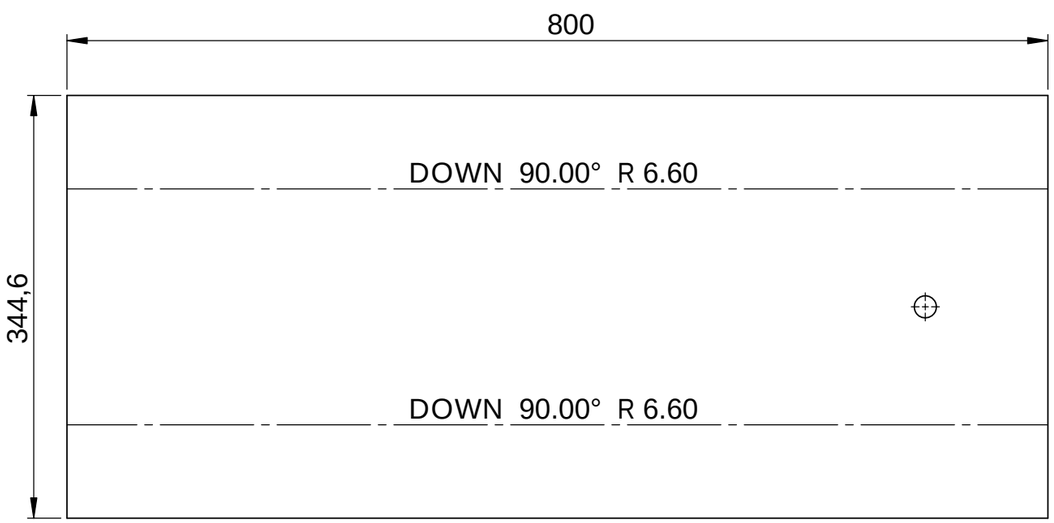


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: IT12 LINEAR: ANGULAR:		FINISH: RAL 3000 powder coated		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL:		DWG NO. BSPN-0412V2-A2	A2
				WEIGHT: 48.99		SCALE:1:10	SHEET 2 OF 3









UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-09	A3
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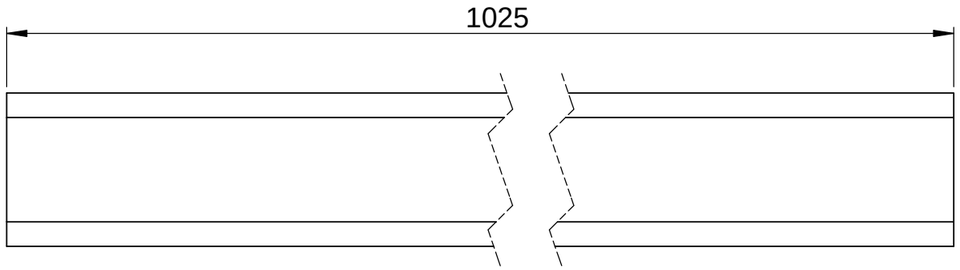
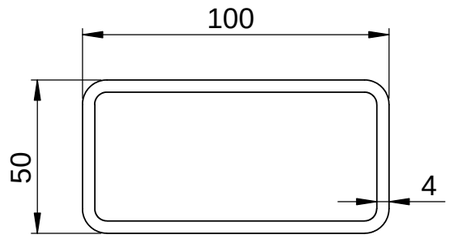
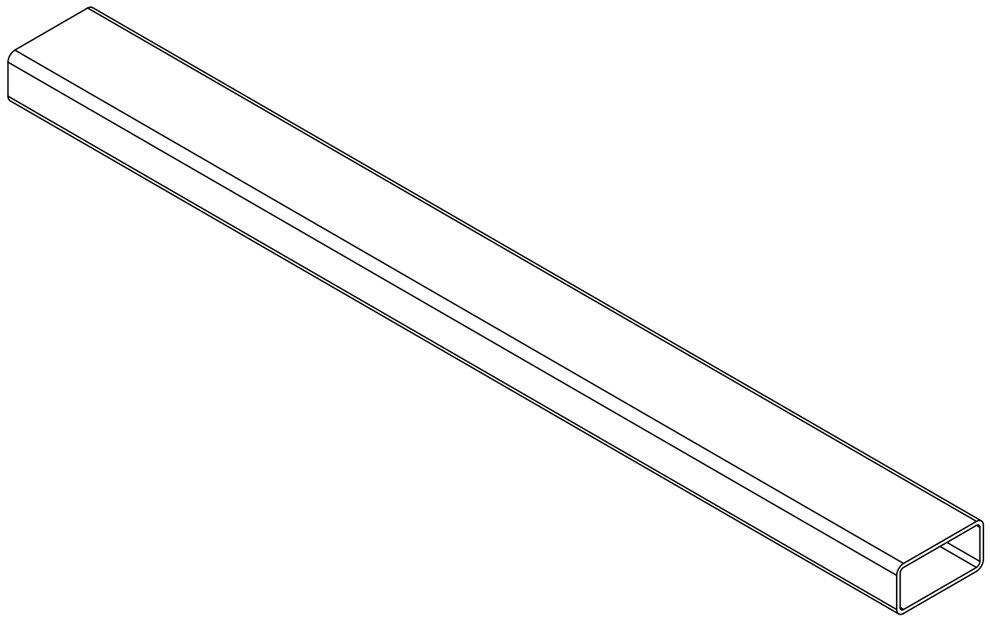
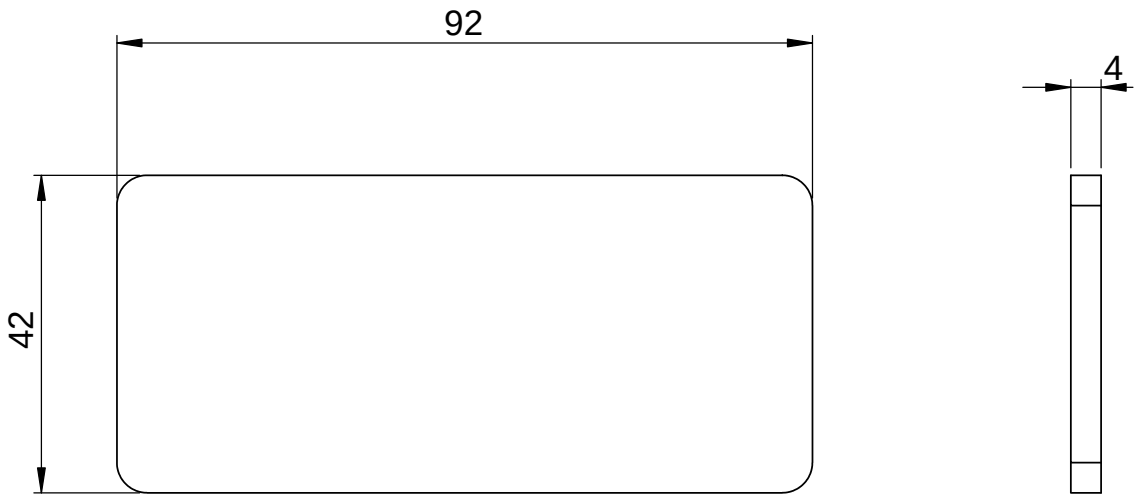
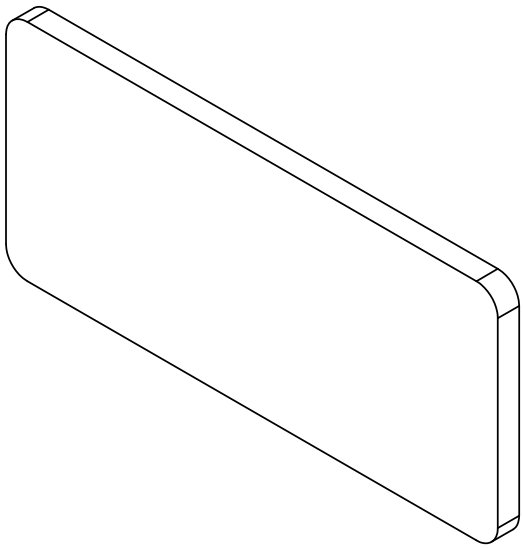






UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: IT12 LINEAR: ANGULAR:		FINISH:			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-10 / A3
				WEIGHT: 8.75		SCALE:1:5 / SHEET 1 OF 1





UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-11	A4
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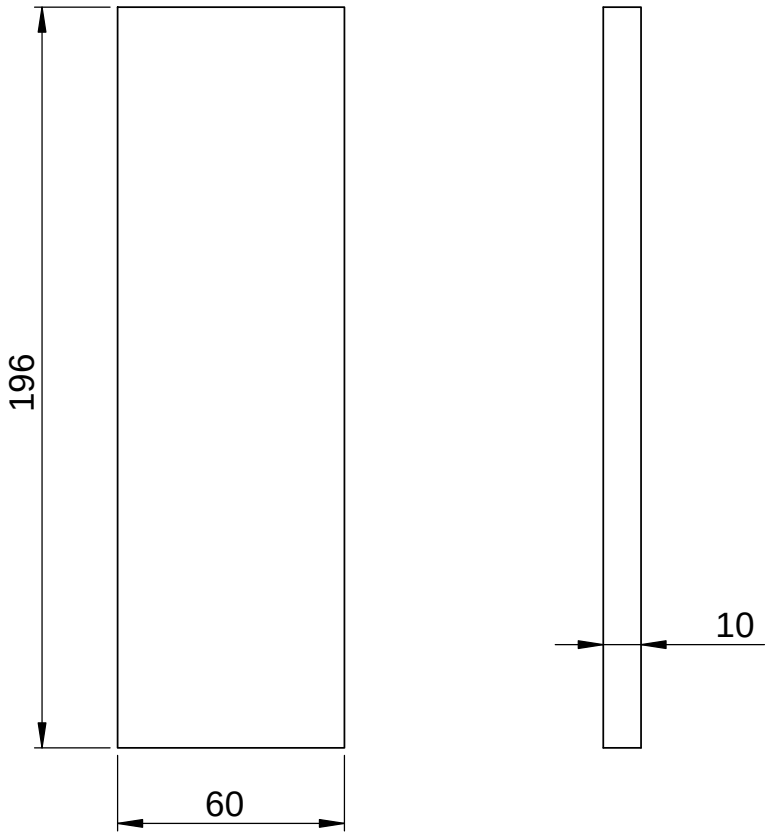
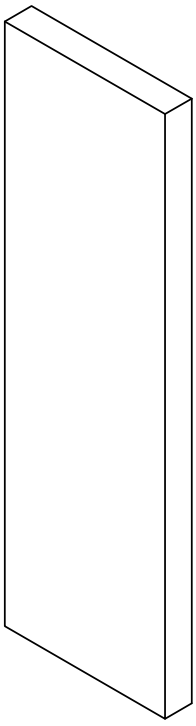




UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

MATERIAL: 1.0037 (S235JR)

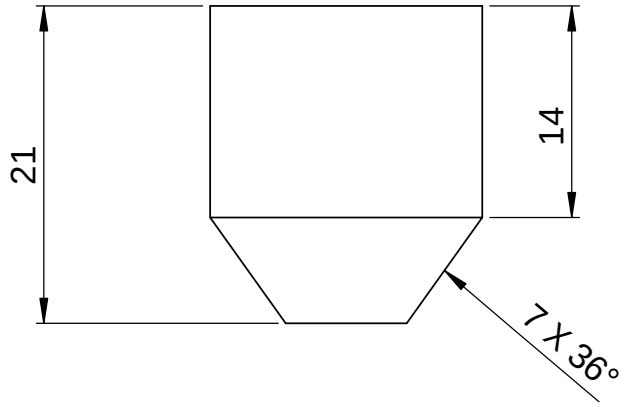
DWG NO. BSPN-0412-12

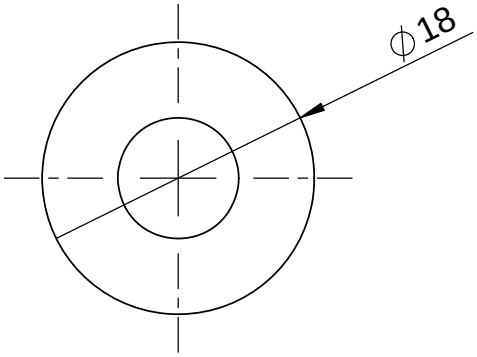
A4

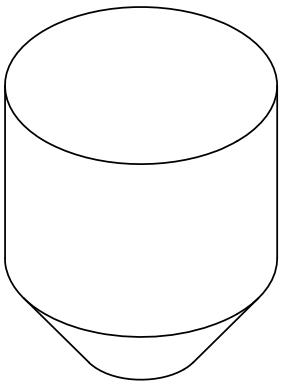
WEIGHT: 0.92

SCALE:1:2

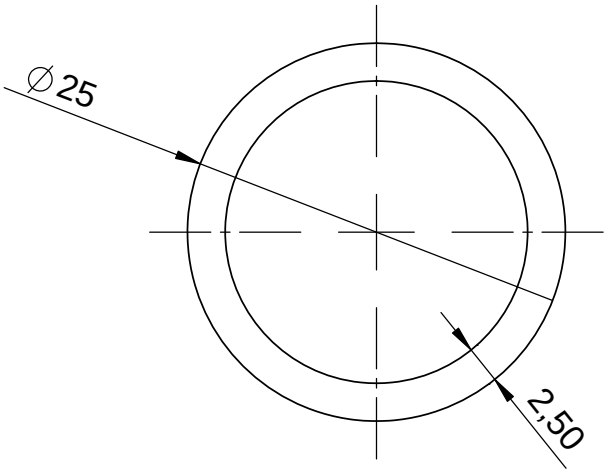
SHEET 1 OF 1

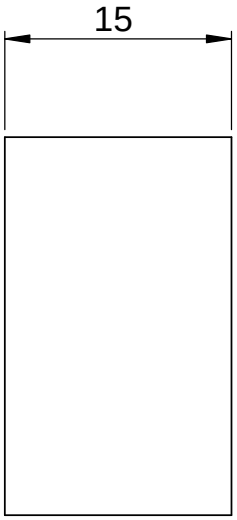


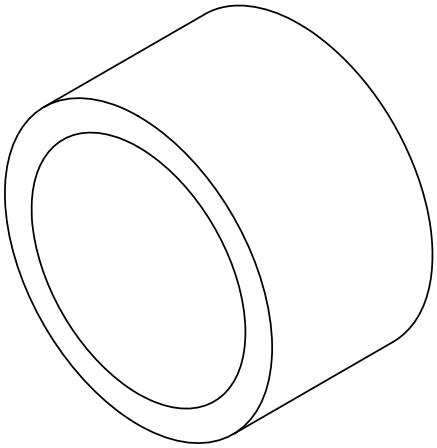




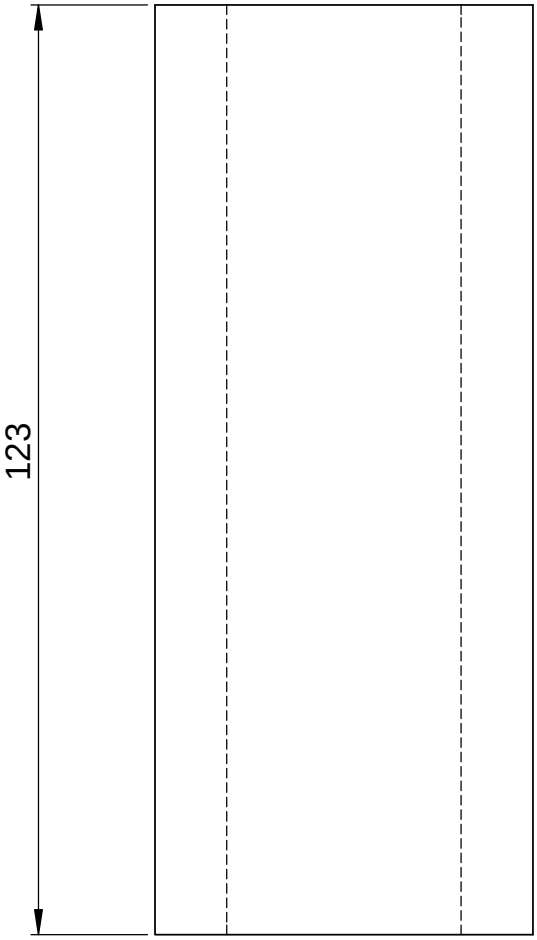
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-13	A4
				WEIGHT: 0.04		SCALE:2:1	SHEET 1 OF 1

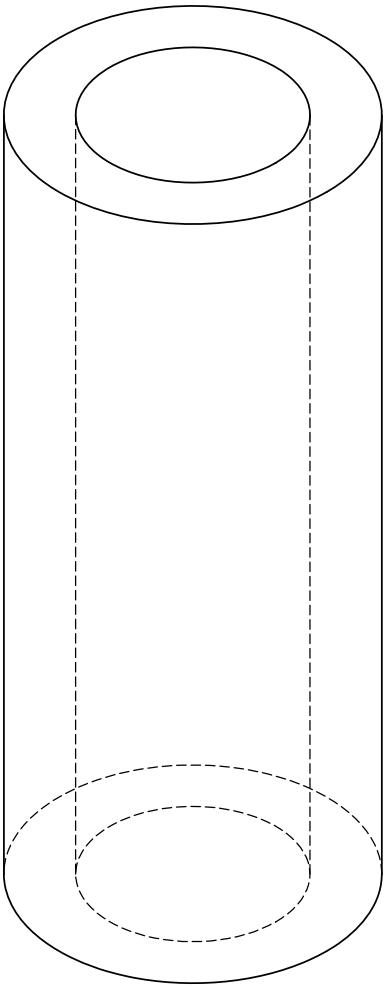


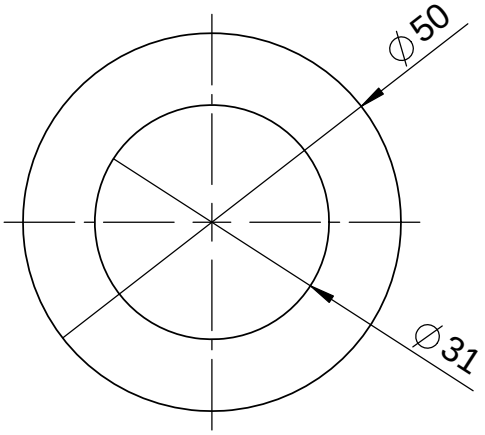




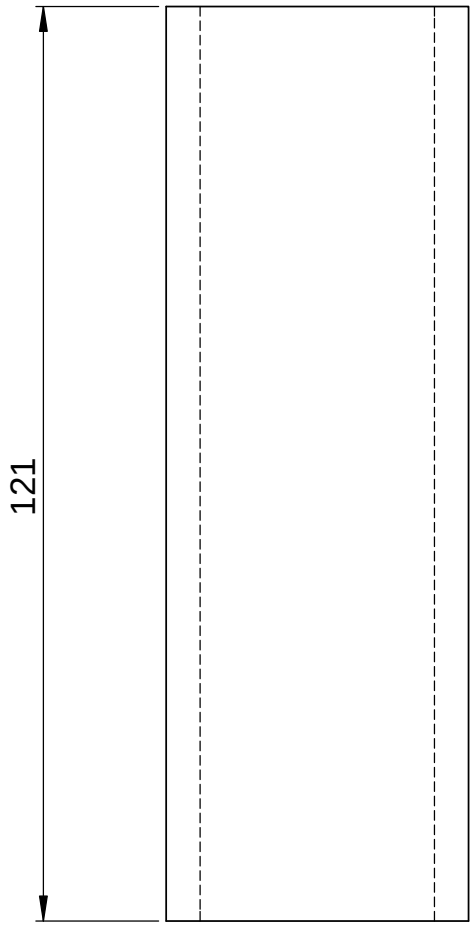
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-14	A4
				WEIGHT: 0.02		SCALE:2:1	SHEET 1 OF 1

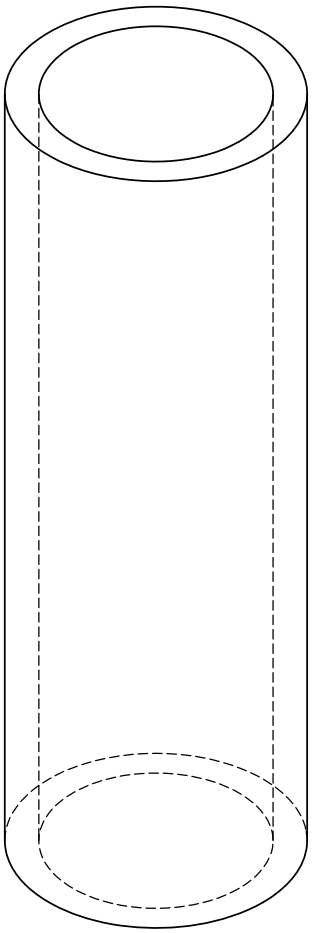


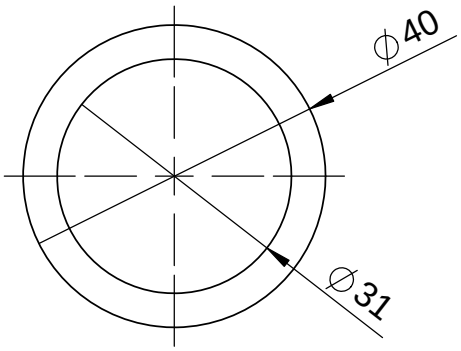




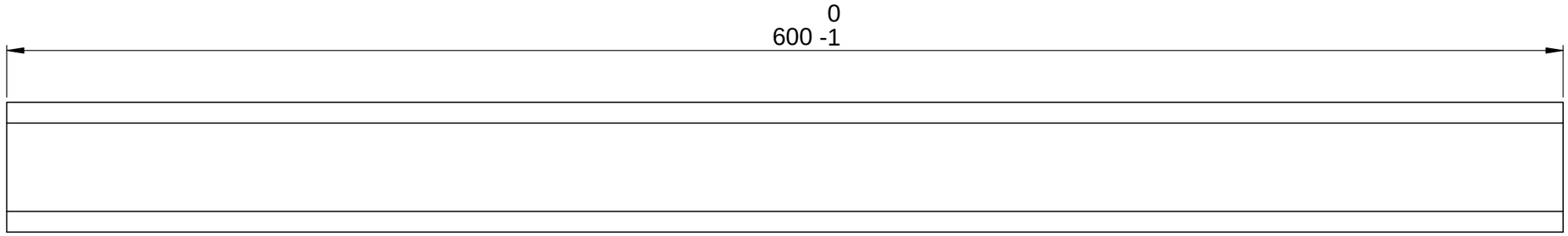
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:		DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-17
						A4
				WEIGHT: 1.16	SCALE:1:2	SHEET 1 OF 1

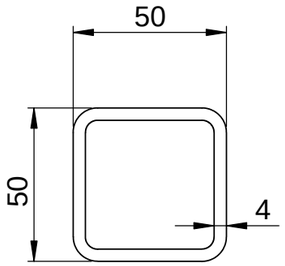


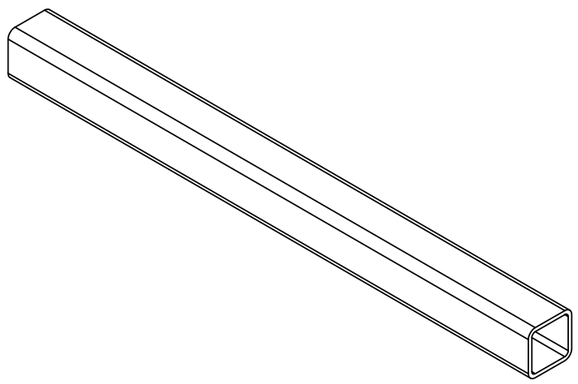




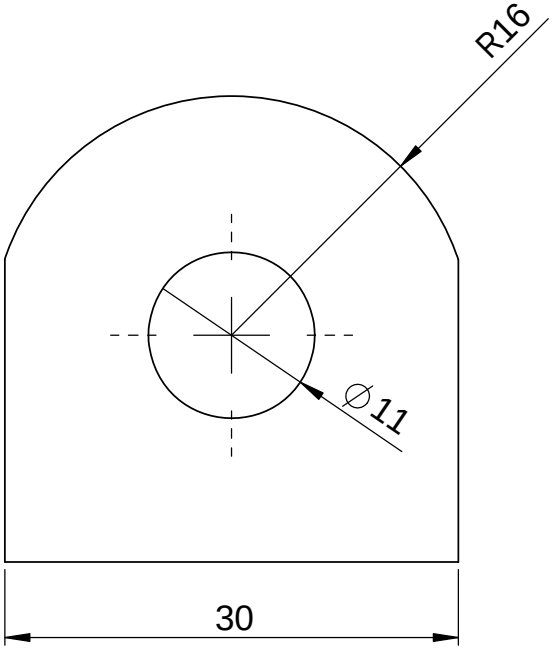
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:		DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION	
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL: 1.0037 (S235JR)	DWG NO.	BSPN-0412-18 A4
				WEIGHT: 0.47	SCALE:1:2	SHEET 1 OF 1

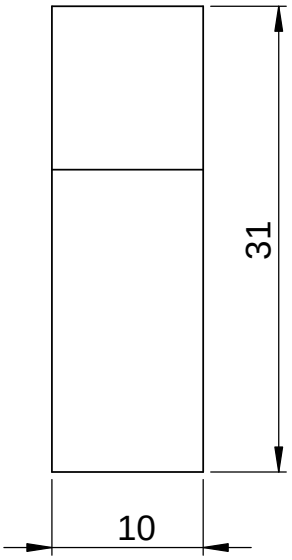


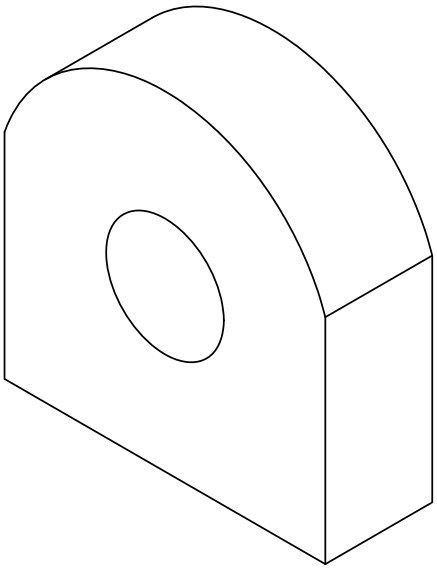




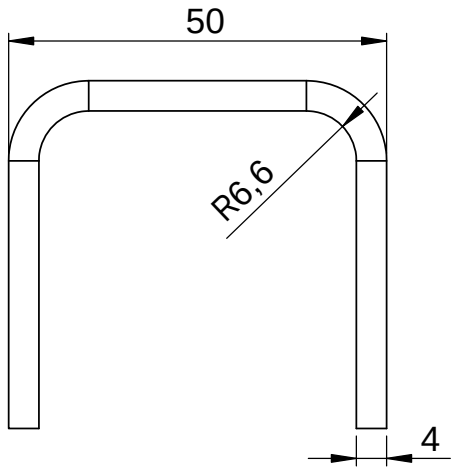
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)			DWG NO. BSPN-0412-19 / A3
				WEIGHT: 3.25			SCALE:1:5 / SHEET 1 OF 1

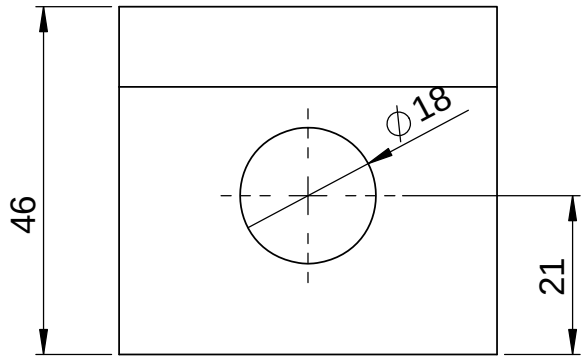


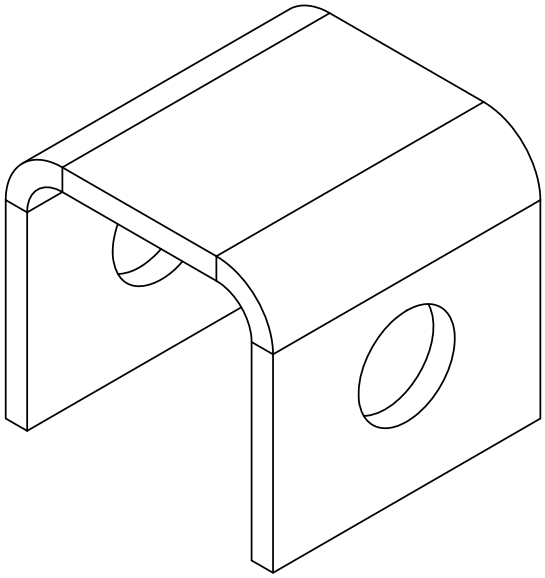


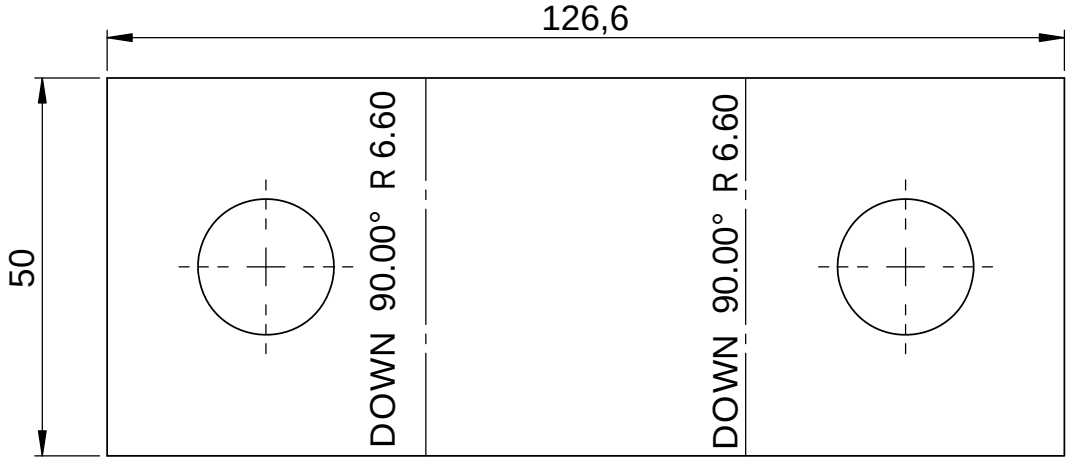


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL: 1.0037 (S235JR)	DWG NO. BSPN-0412-20	A4
				WEIGHT: 0.06	SCALE:2:1	SHEET 1 OF 1









UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

MATERIAL: 1.0037 (S235JR)

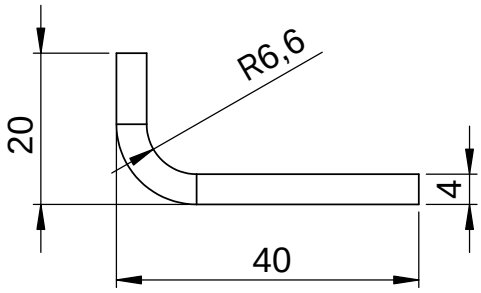
DWG NO. BSPN-0412-21

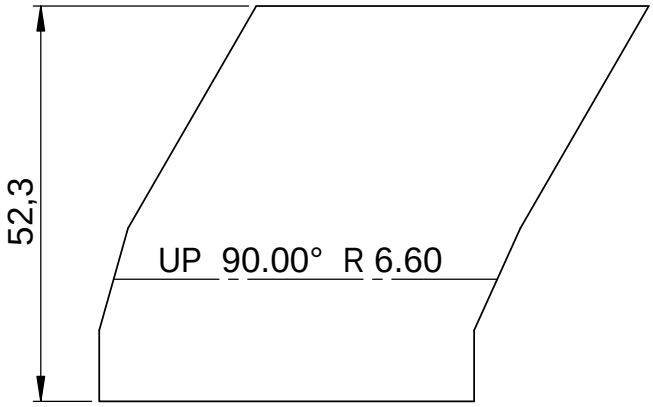
A4

WEIGHT: 0.18

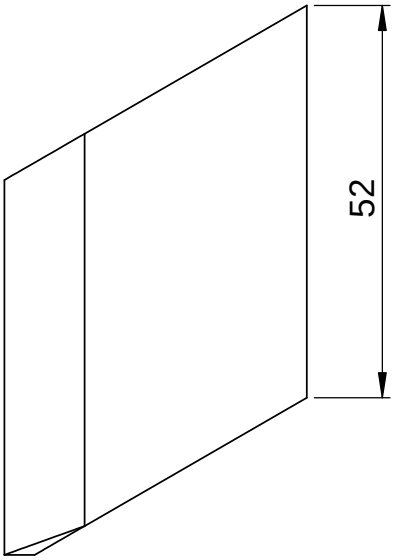
SCALE:1:1

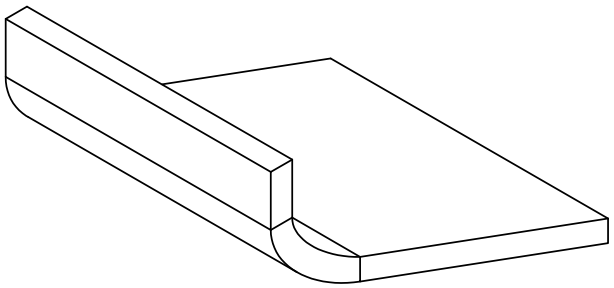
SHEET 1 OF 1



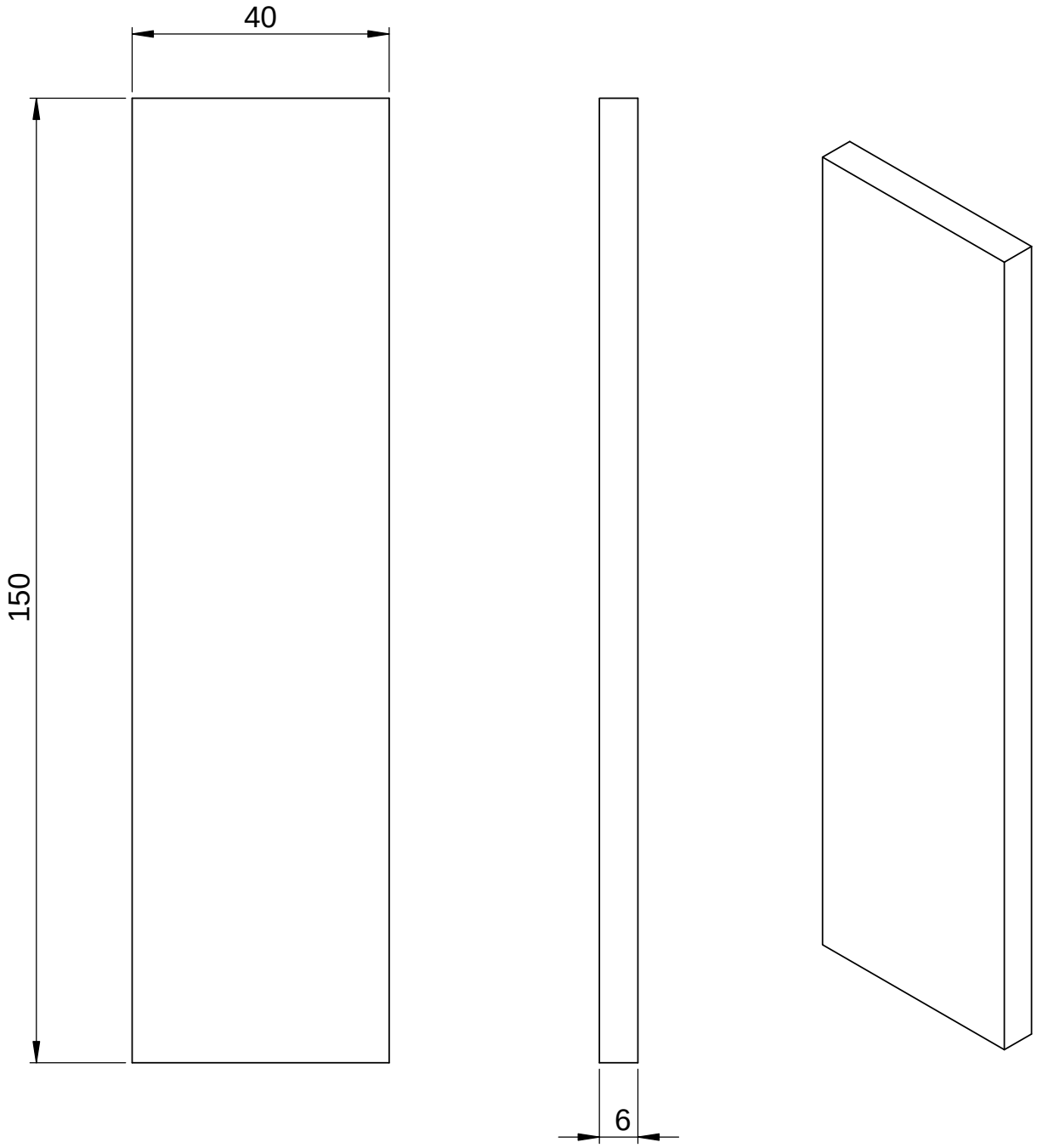


NOTE:
For Part, number BSPN-0412-23
Bend 90 degrees down





UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION	
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-22/23	A4
				WEIGHT: 0.08		SCALE:1:1	SHEET 1 OF 1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL: 1.0037 (S235JR)	DWG NO. BSPN-0412-31	A4
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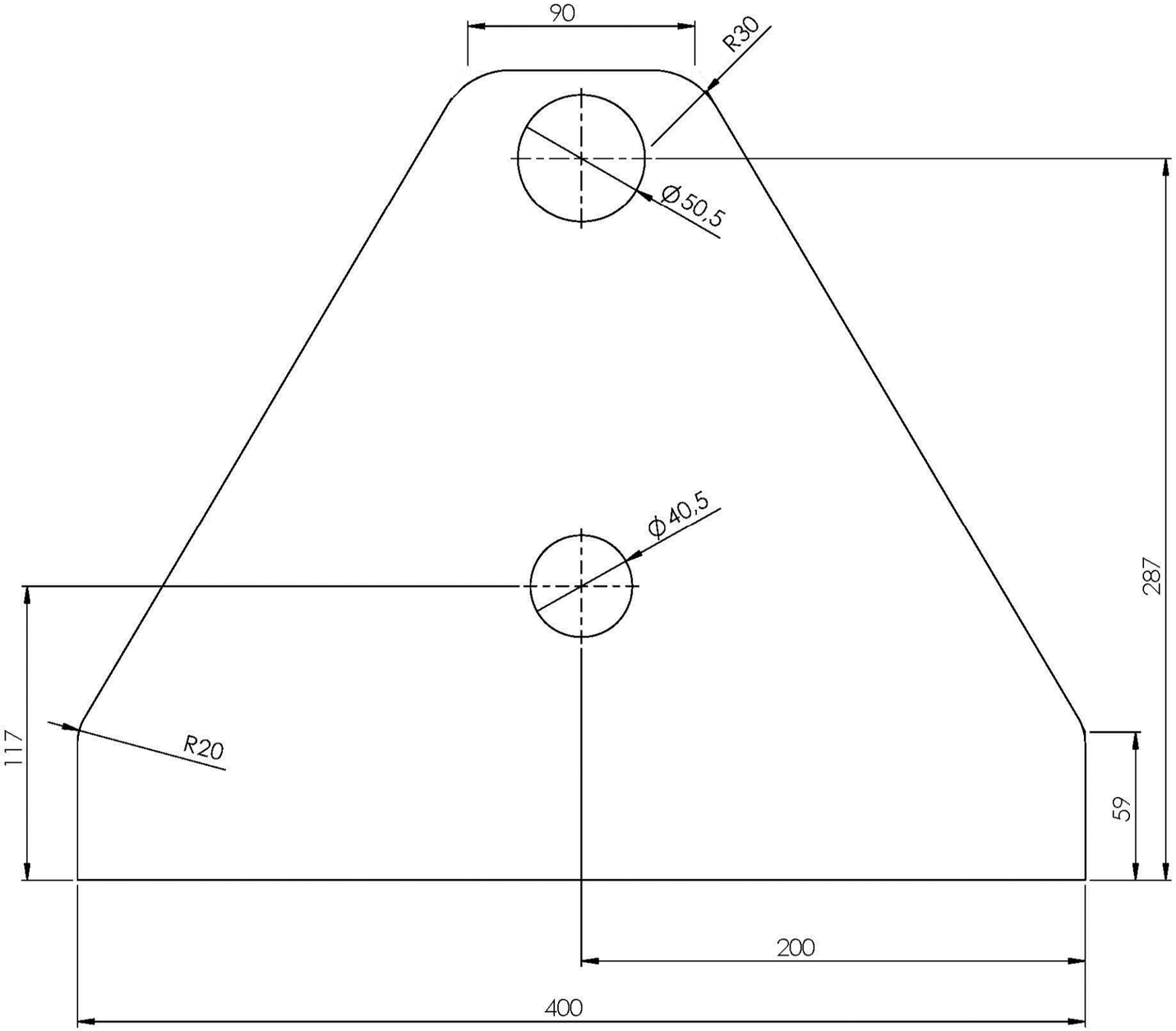
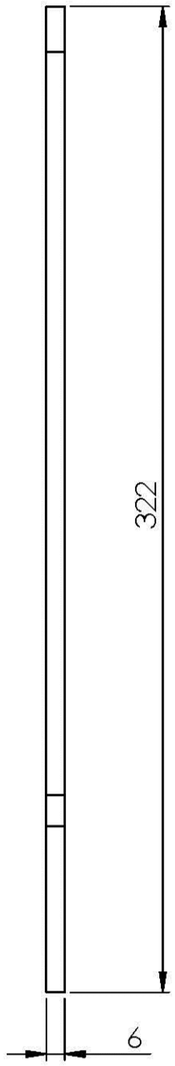
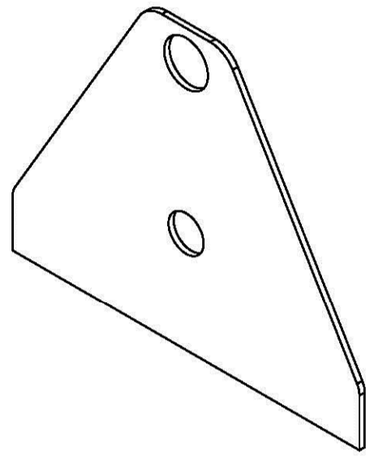
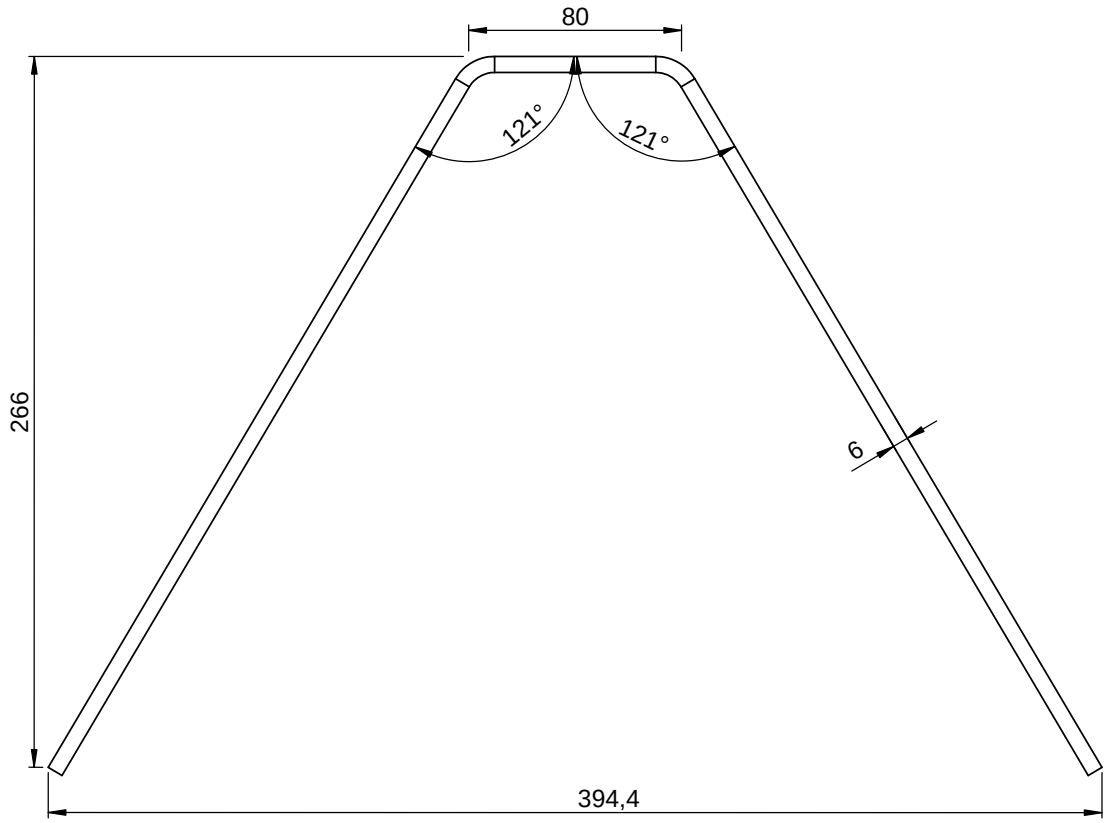
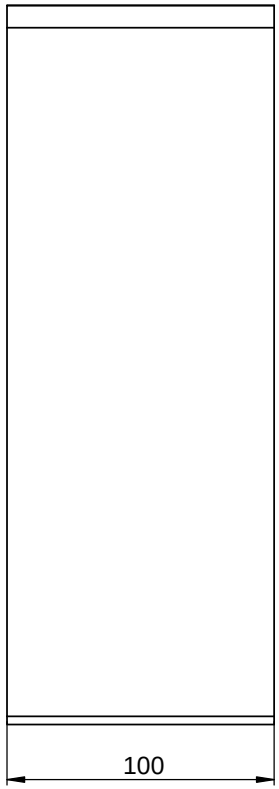


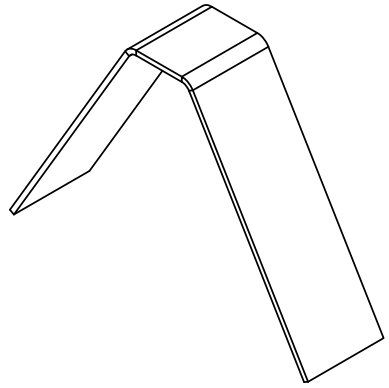


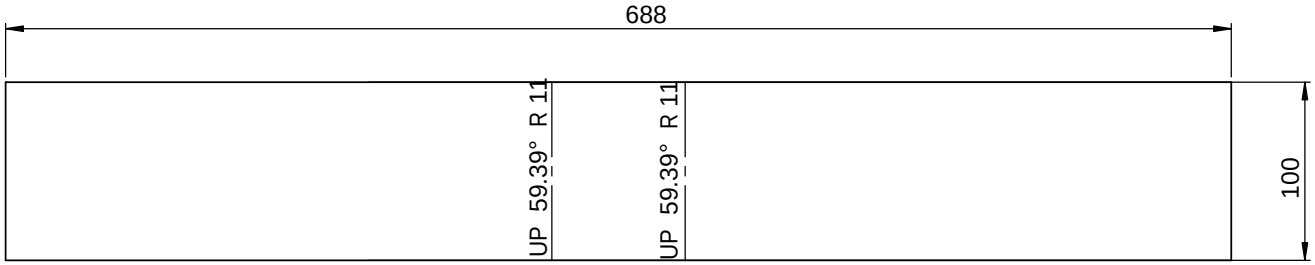


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412V2-15 / A3
				WEIGHT: 3.97		SCALE:1:2 / SHEET 1 OF 1

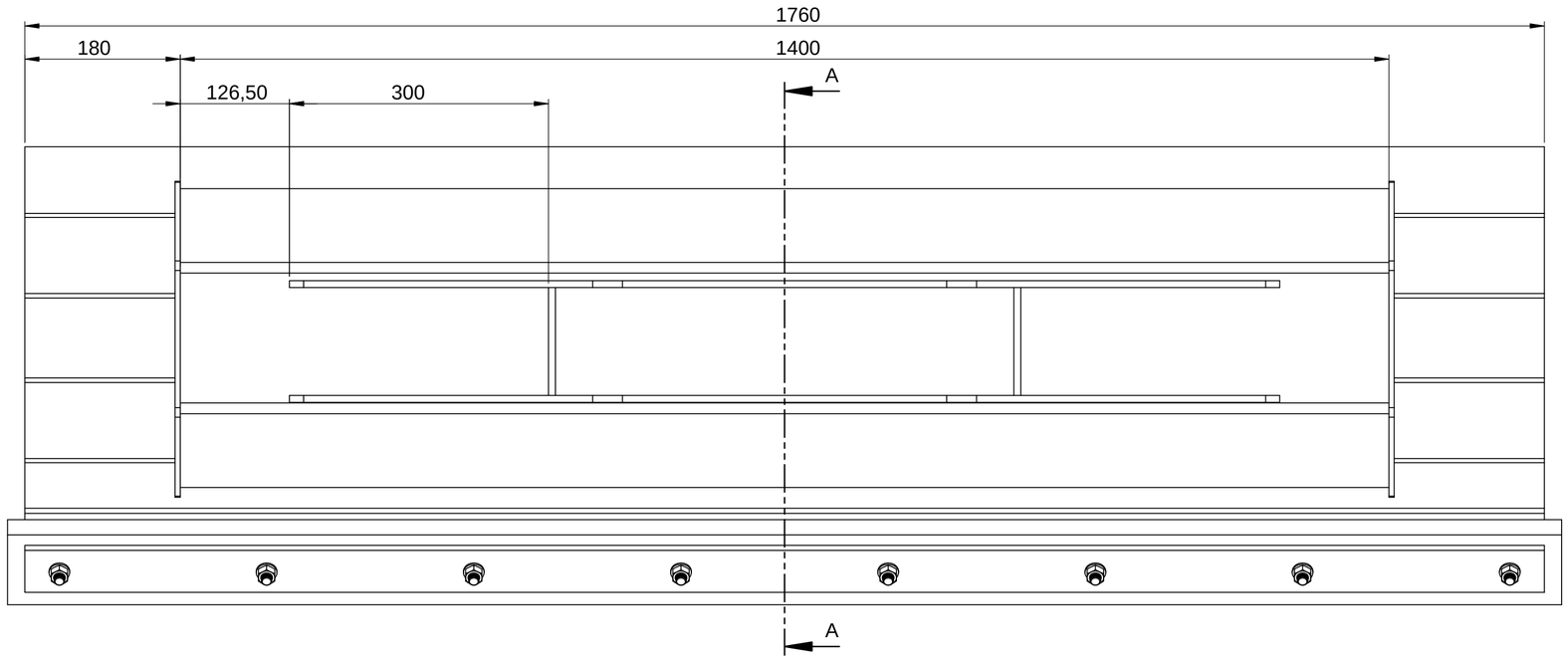


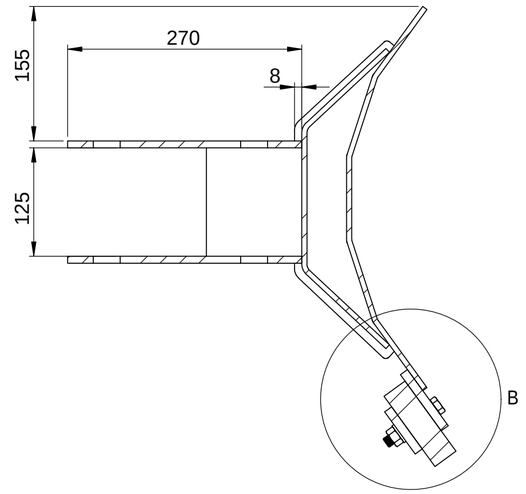




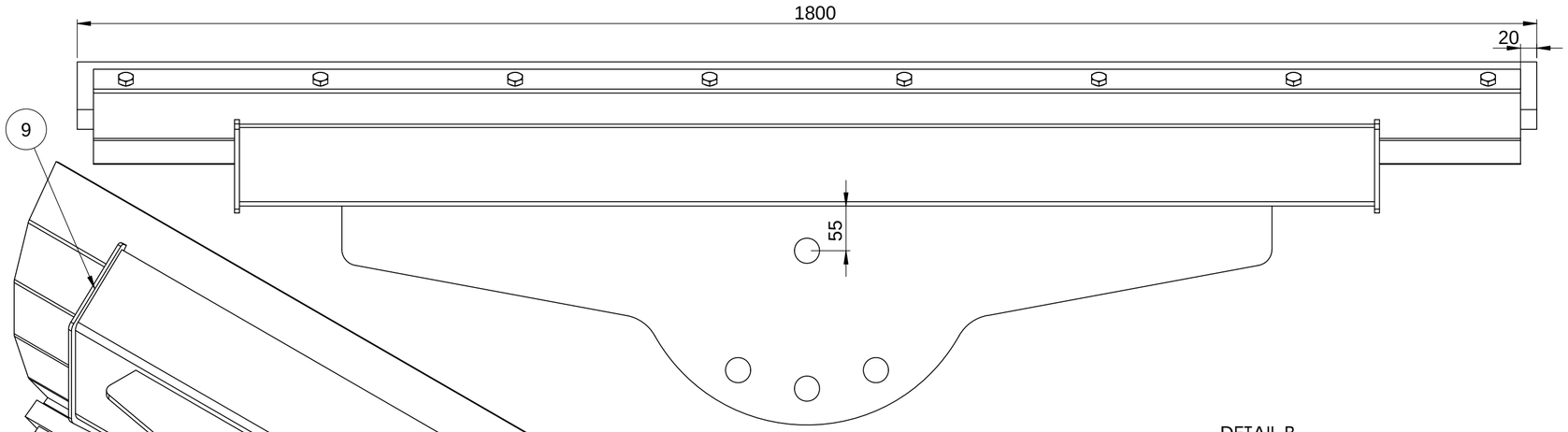


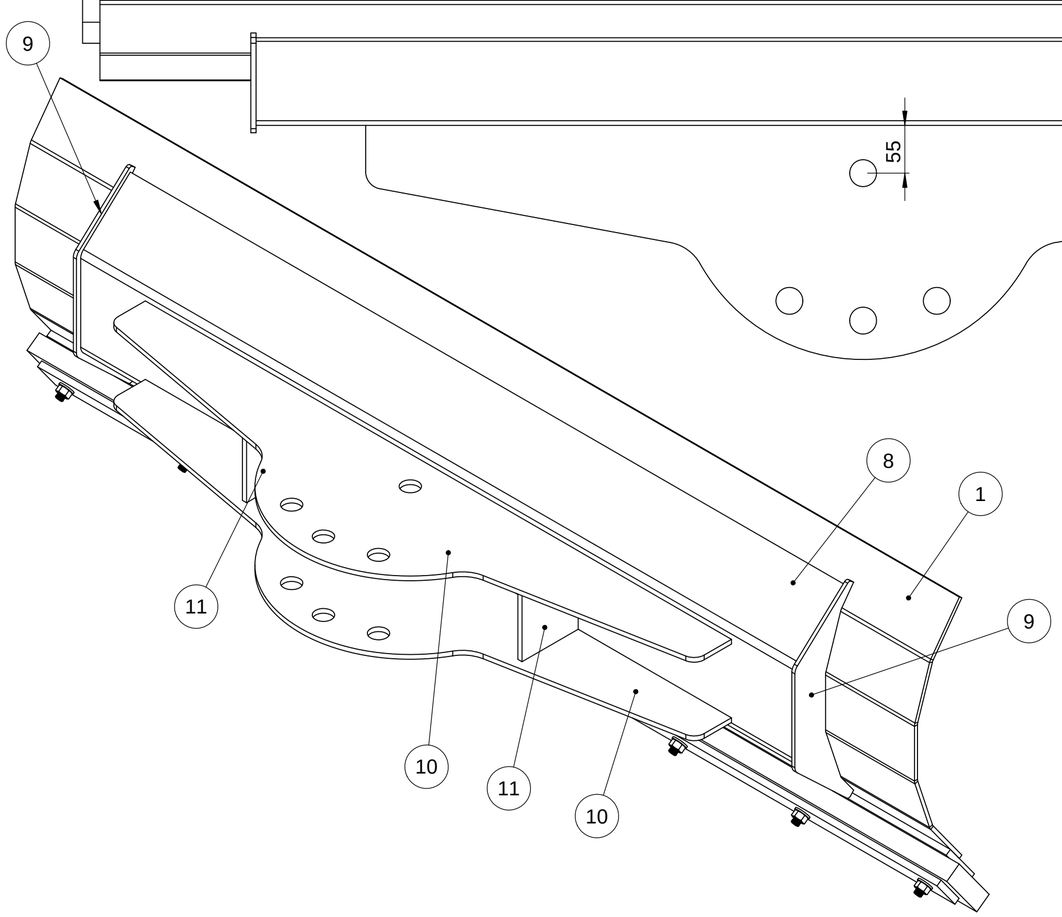
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO BSPN-0412V2-16	A3
				WEIGHT: 3.22		SCALE:1:5	SHEET 1 OF 1



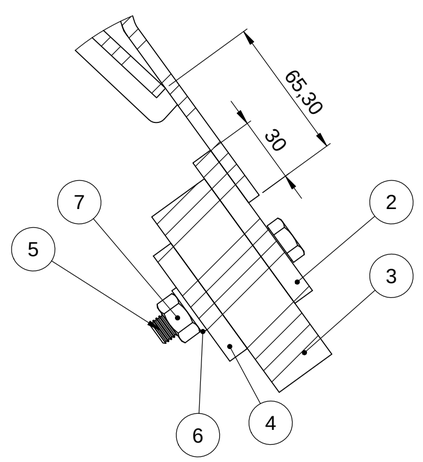


SECTION A-A
SCALE 1 : 5





DETAIL B
SCALE 1 : 2



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BSPN-0412-01		1
2	BSPN-0412-02		1
3	BSPN-0412-03		1
4	BSPN-0412-04		1
5	ISO 4014 - M12 x 70 x 30		8
6	washer-12		8
7	M12-standard nut		8
8	BSPN-0412-05		1
9	BSPN-0412-06		2
10	BSPN-0412V2-07		2
11	BSPN-0412-08		2

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH: RAL 3000 Powder coated

DEBUR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING | REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

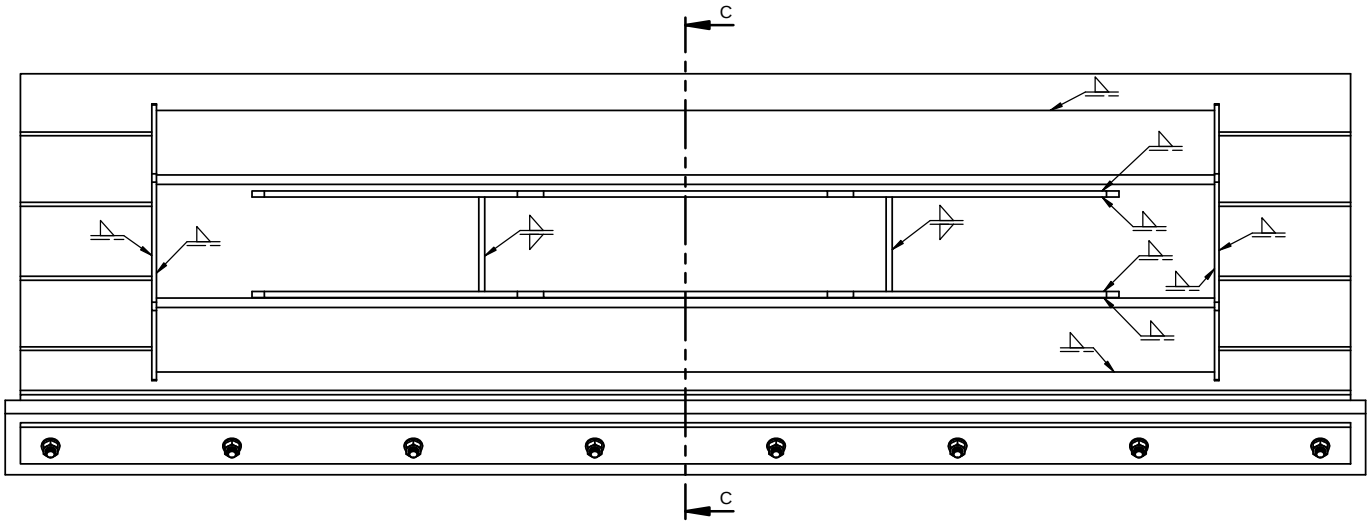
MATERIAL: Material <not specified>

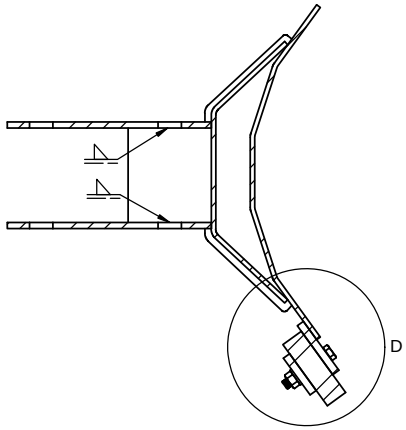
WEIGHT: 117.43

TITLE:

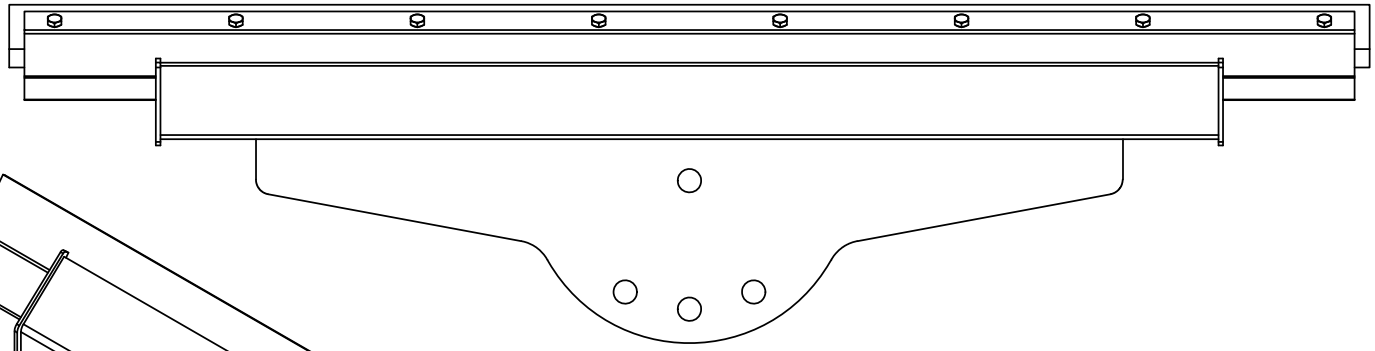
DWG NO. BSPN-0412V2-A1 | A2

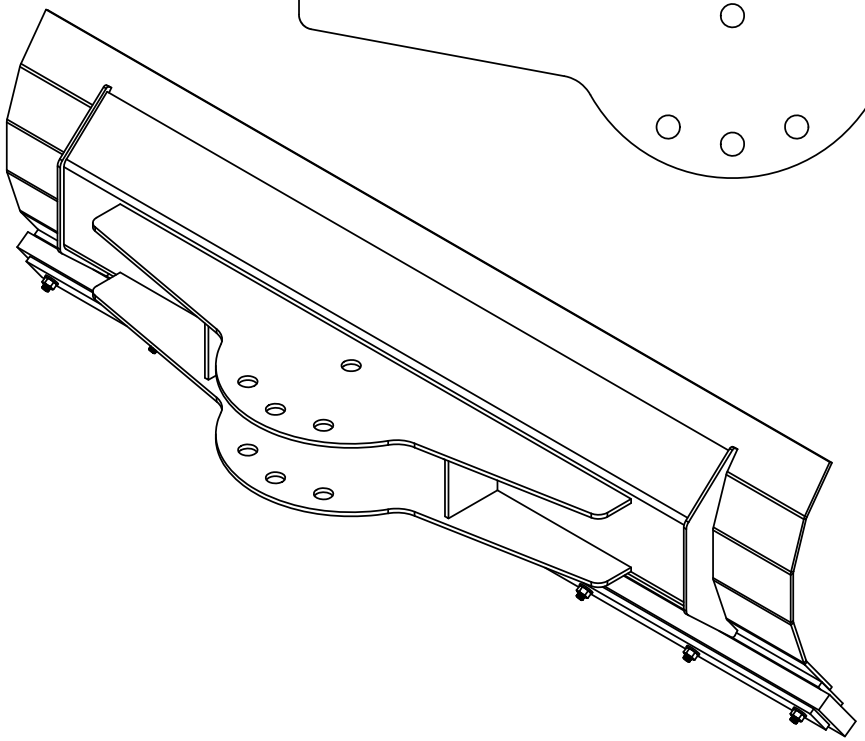
SCALE:1:20 | SHEET 1 OF 2

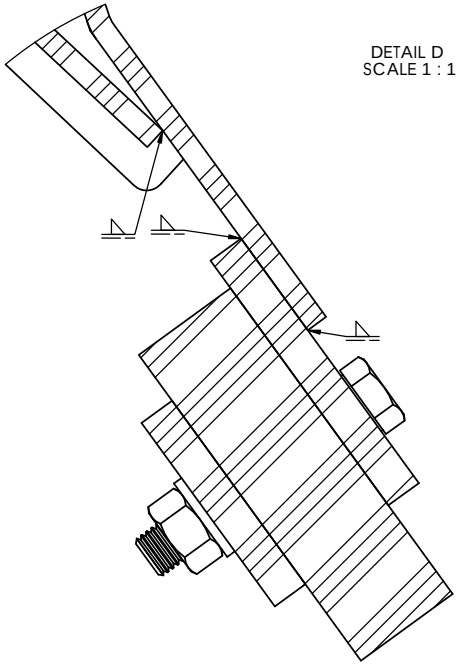




SECTION C-C
SCALE 1 : 5

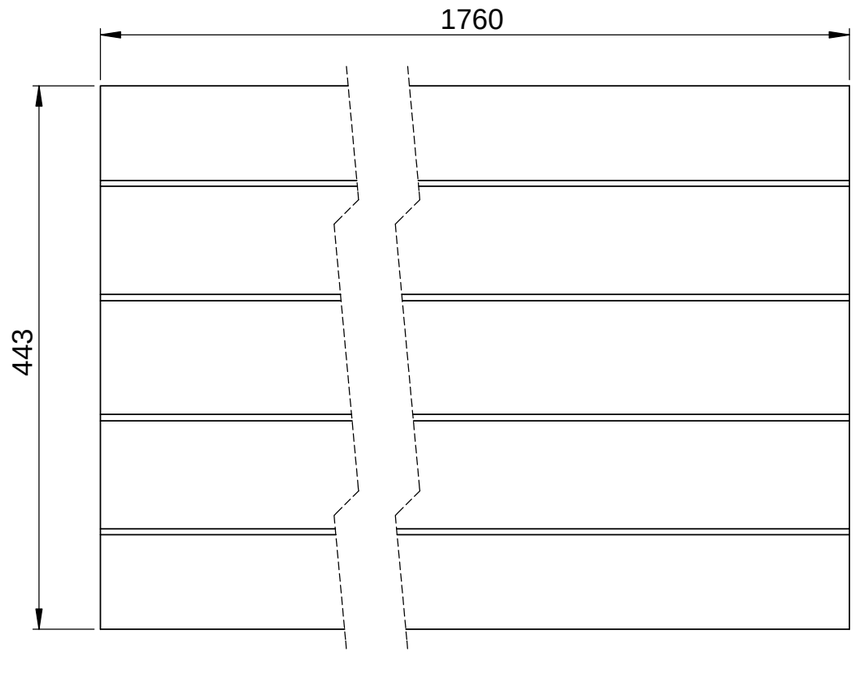


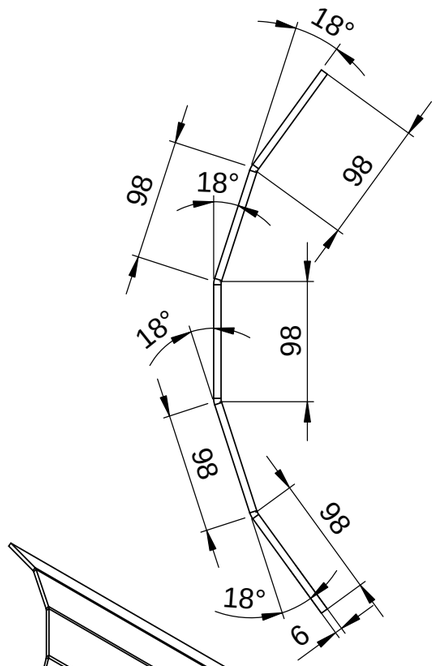


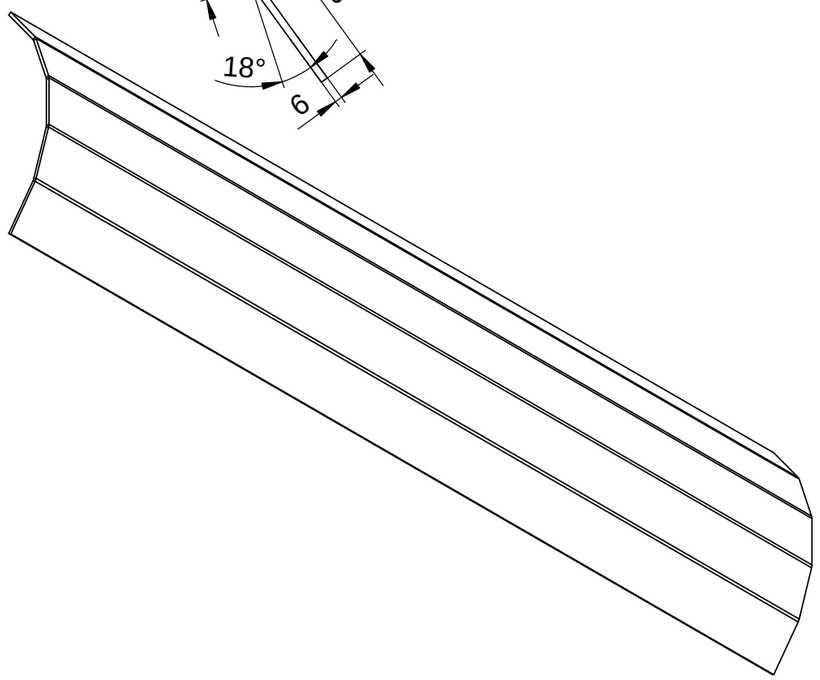


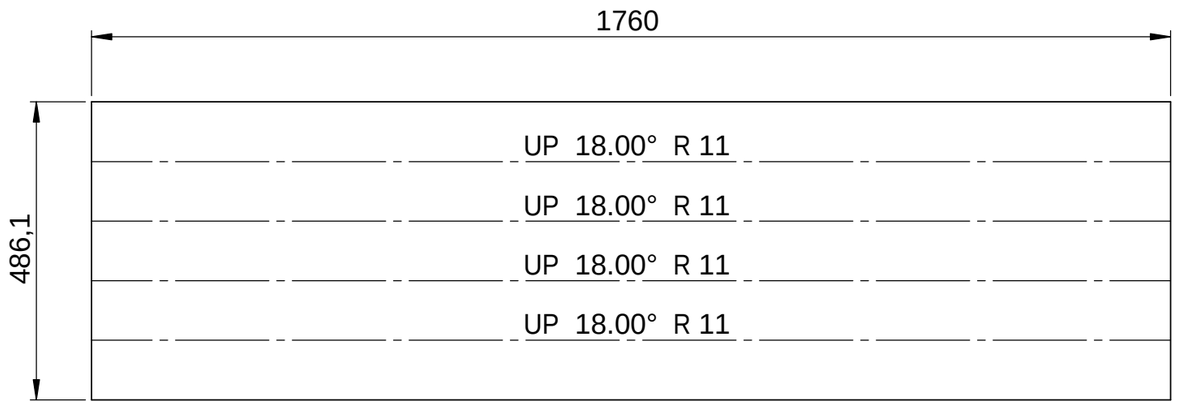
DETAIL D
SCALE 1 : 1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH: RAL 3000 Powder coated		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: Material <not specified>		DWG NO. BSPN-0412V2-A1	A2
				WEIGHT: 117.43		SCALE:1:20	SHEET 2 OF 2

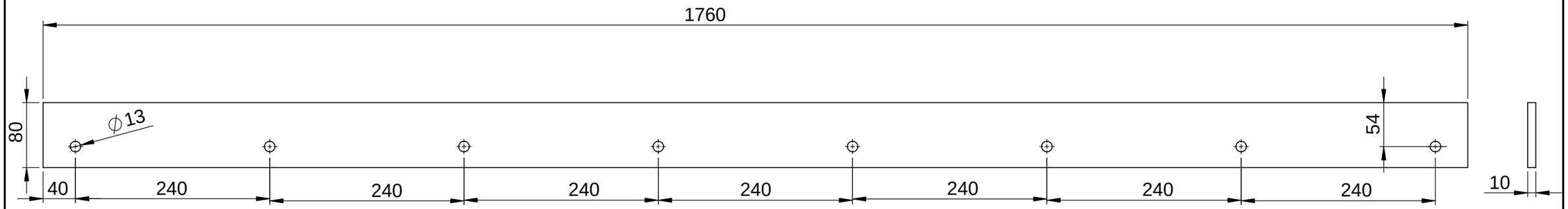


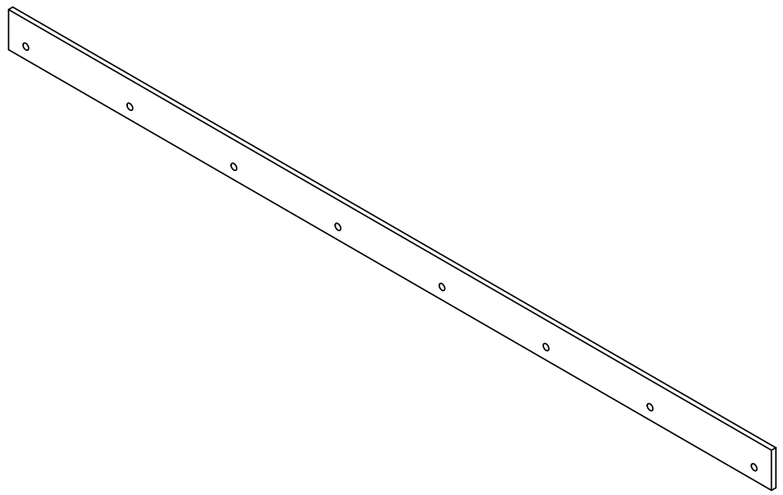




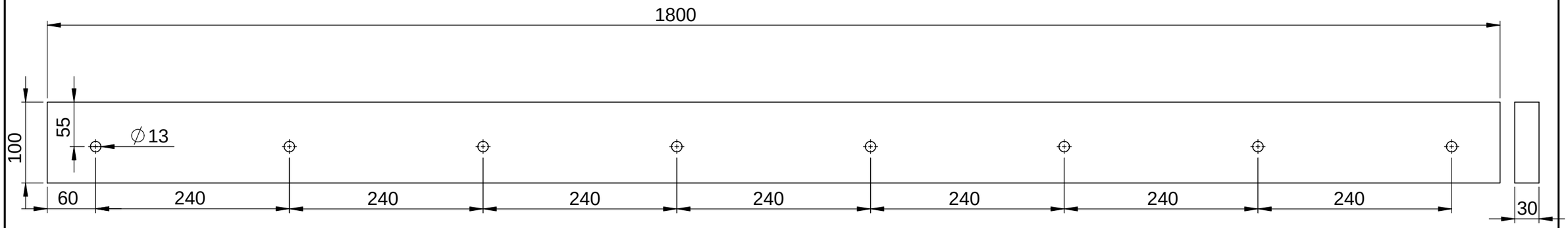


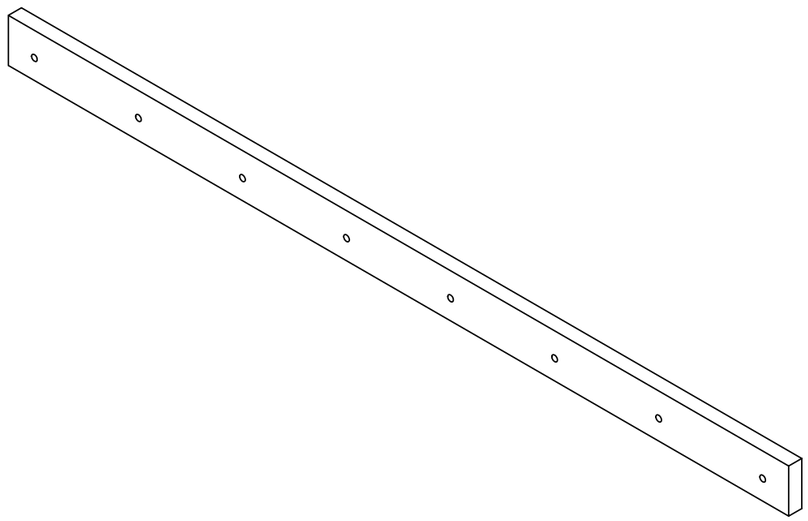
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-01 / A3
				WEIGHT: 40.04	SCALE:1:20	SHEET 1 OF 1



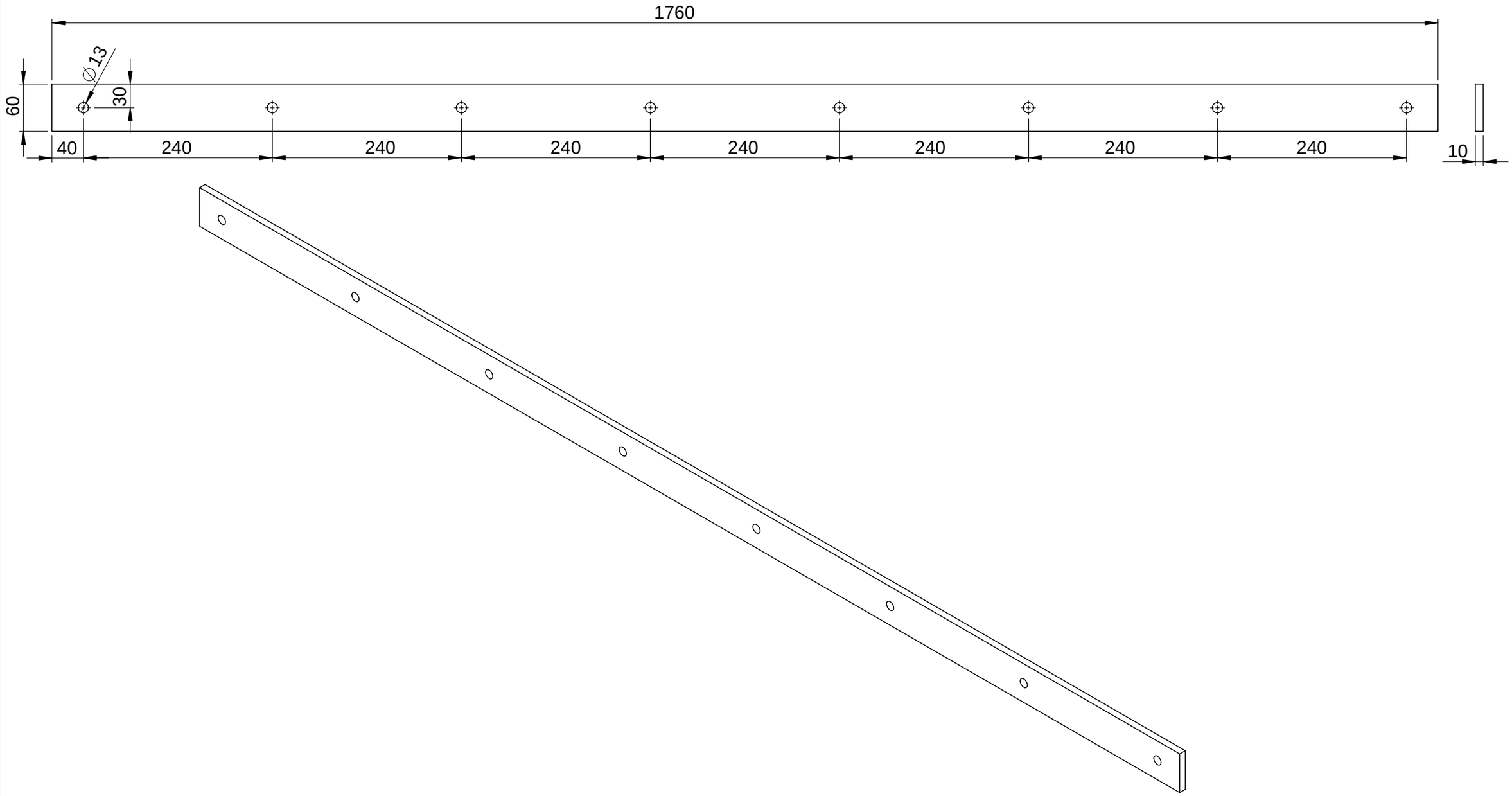


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-02 / A3
				WEIGHT: 10.90		SCALE:1:10 / SHEET 1 OF 1

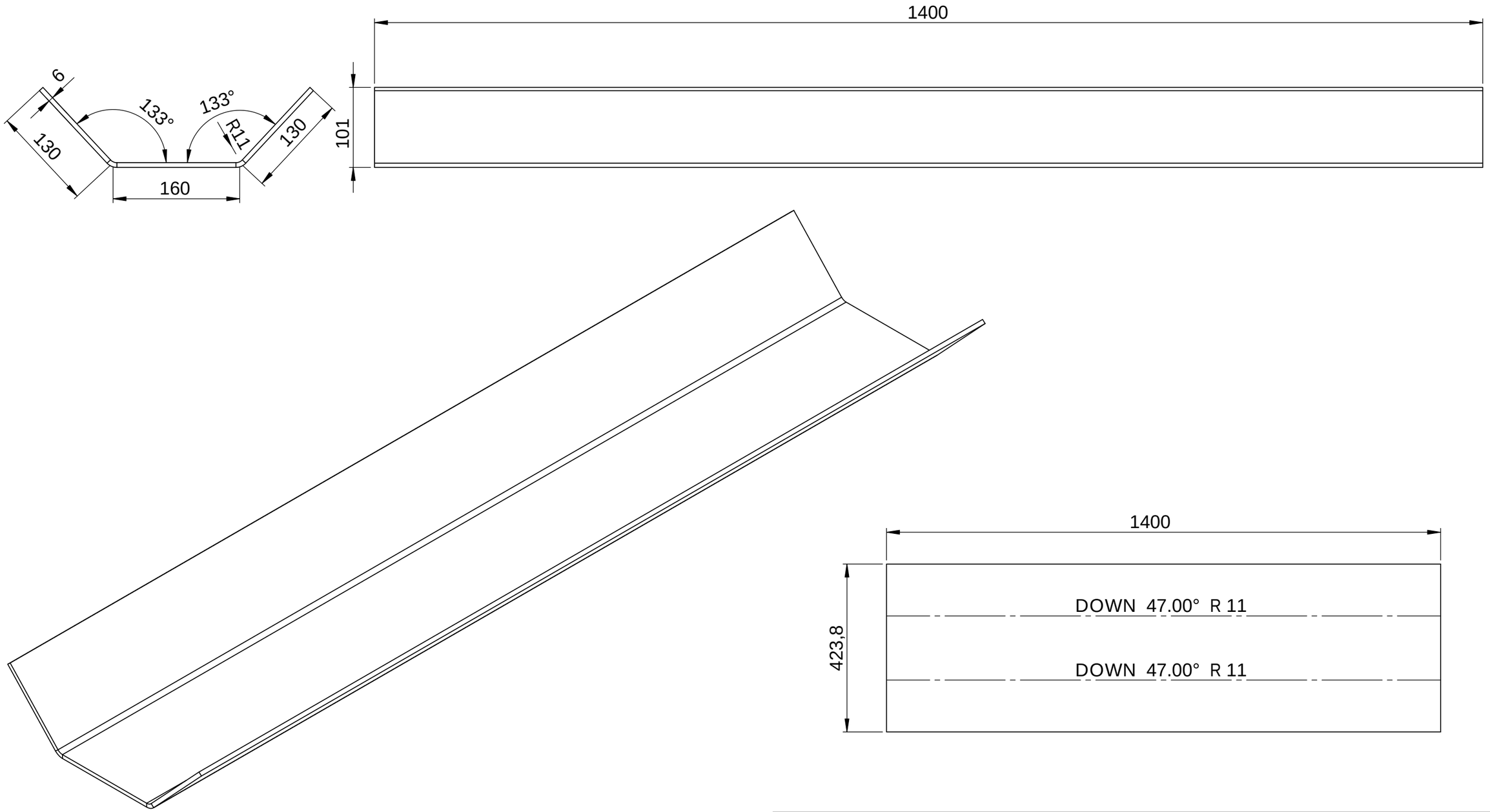




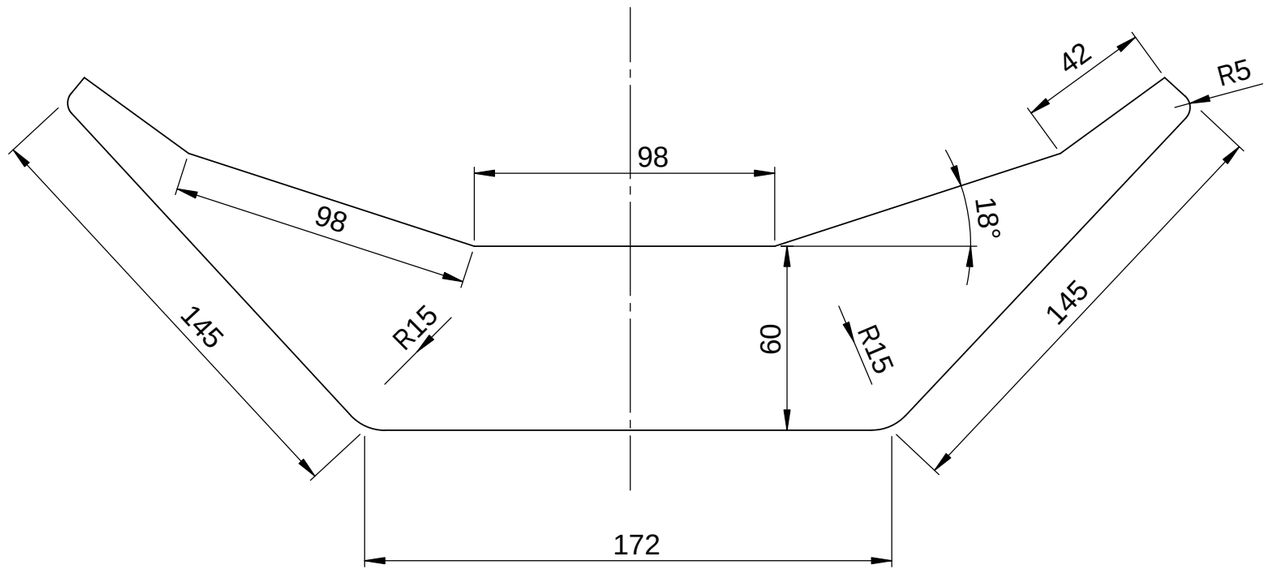
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: Rubber 5 textile layers EP160 65 Sha			DWG NO. BSPN-0412-03 / A3
				WEIGHT: 5.37			SCALE:1:10 / SHEET 1 OF 1

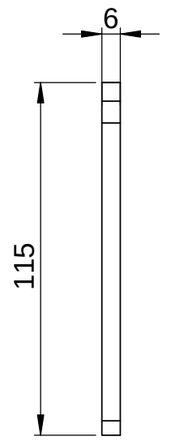


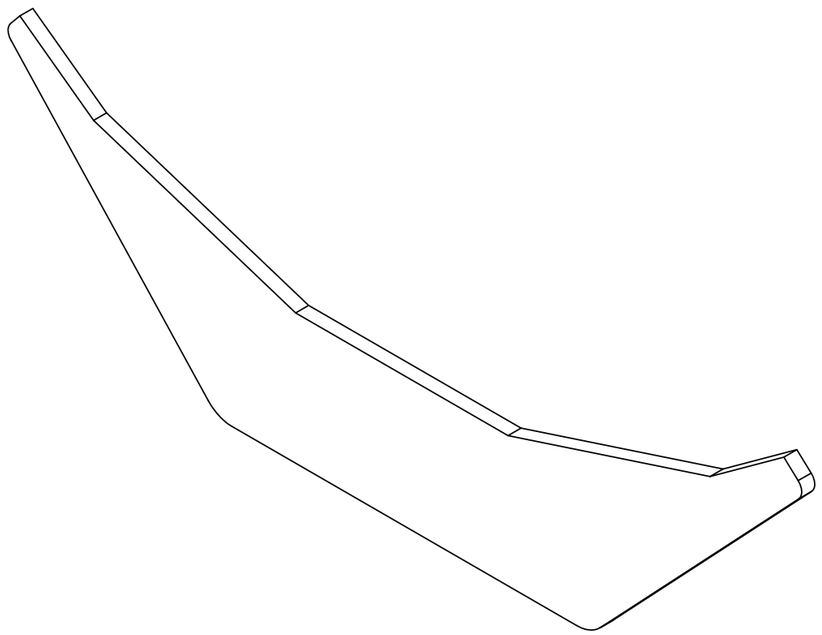
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:		DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION	
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL: 1.0037 (S235JR)	DWG NO. BSPN-0412-04	A3
				WEIGHT: 8.15	SCALE:1:10	SHEET 1 OF 1



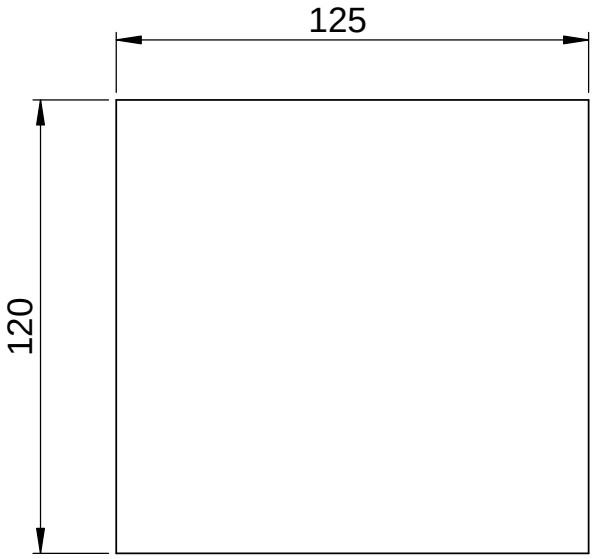
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)			DWG NO. BSPN-0412-05 / A3
				WEIGHT: 27.77			SCALE:1:10 / SHEET 1 OF 1

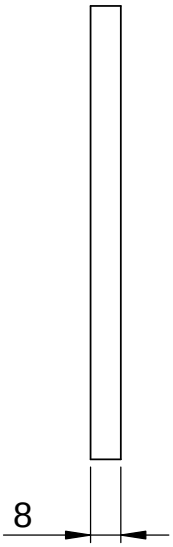


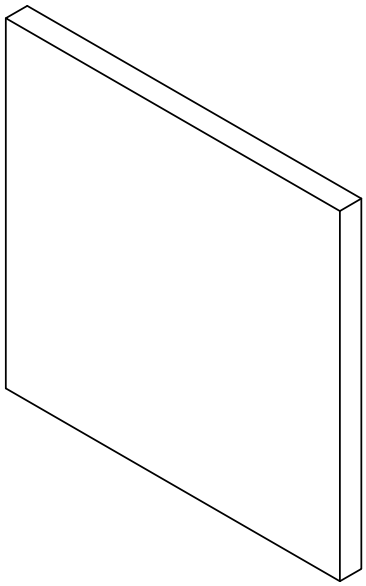




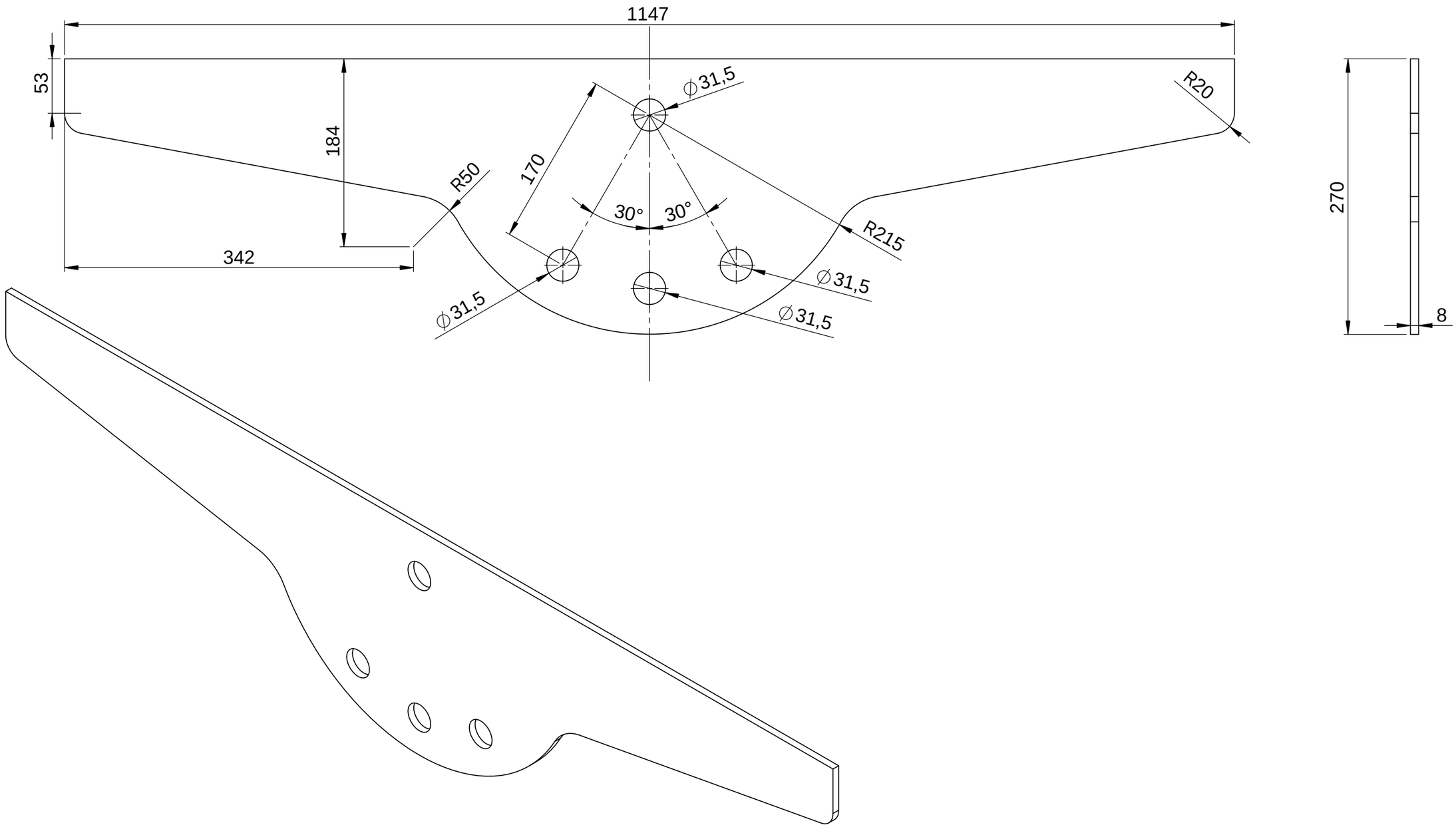
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)			DWG NO. BSPN-0412-06 / A3
				WEIGHT: 0.86			SCALE:1:2 / SHEET 1 OF 1



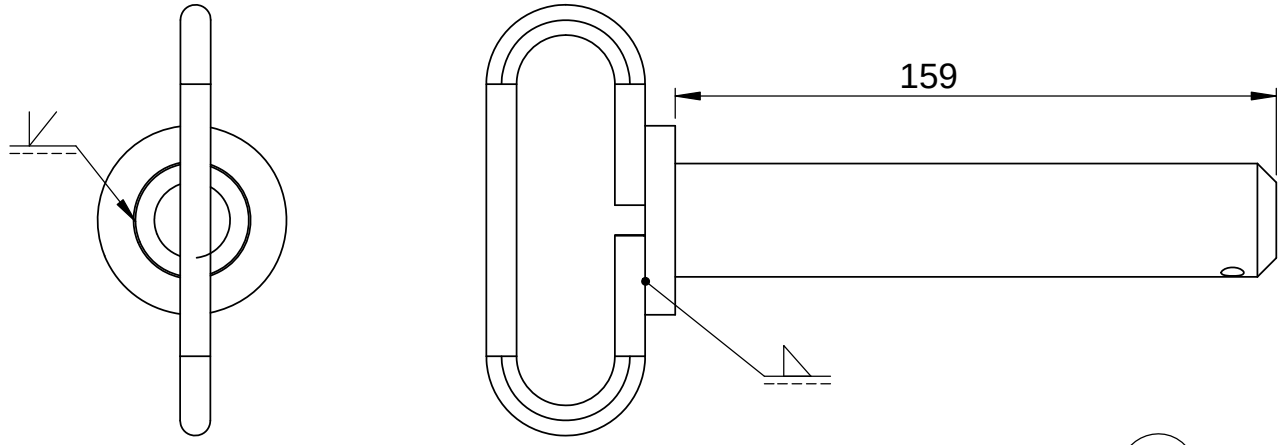


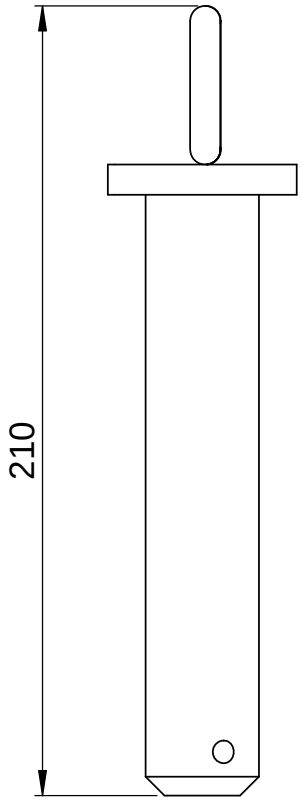


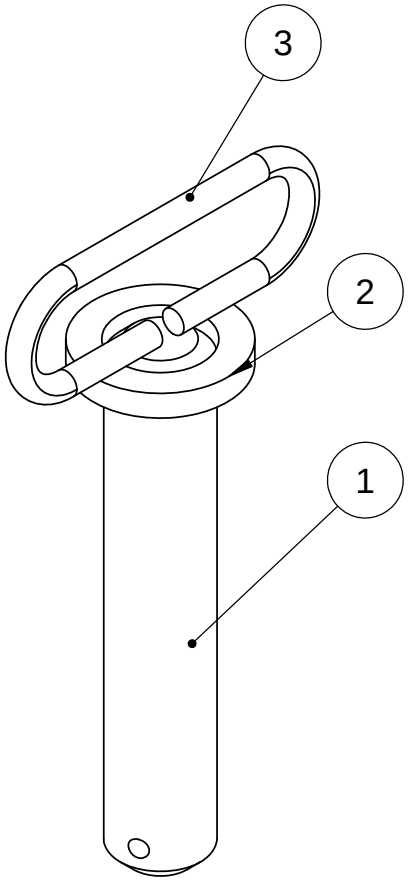
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-08	A4
				WEIGHT: 0.94		SCALE:1:2	SHEET 1 OF 1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO BSPN-0412V2-07	A3
				WEIGHT: 10.49		SCALE:1:5	SHEET 1 OF 1







ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BSPN-0412-25		1
2	BSPN-0412-26		1
3	BSPN-0412-24		1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH: Electrolyzed white	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

MATERIAL:
Material <not specified>

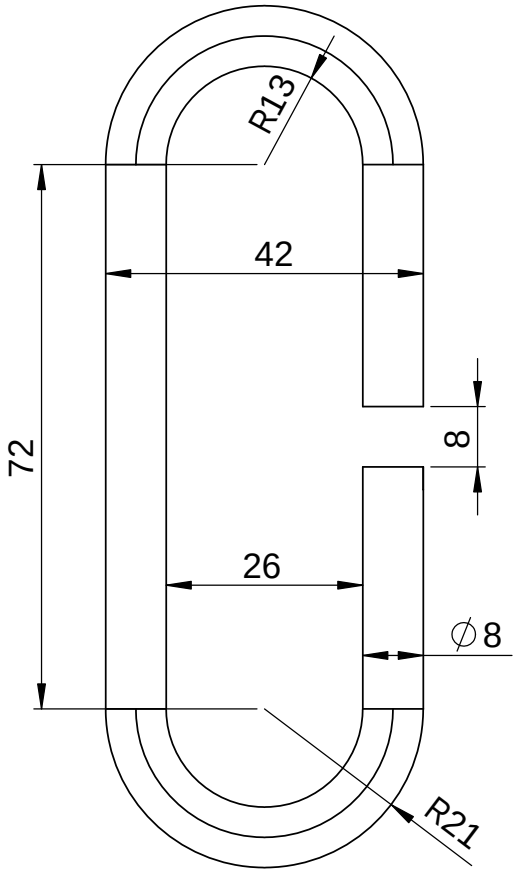
DWG NO. BSPN-0412-A3

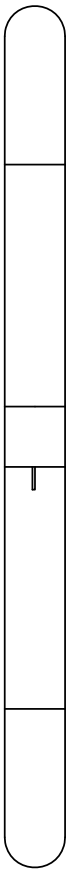
A4

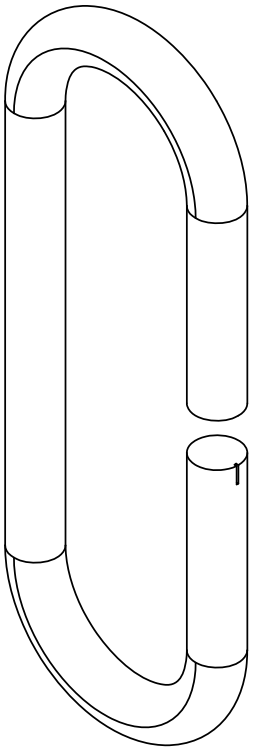
WEIGHT: 1.07

SCALE:1:5

SHEET 1 OF 1







UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

MATERIAL: 1.0037 (S235JR)

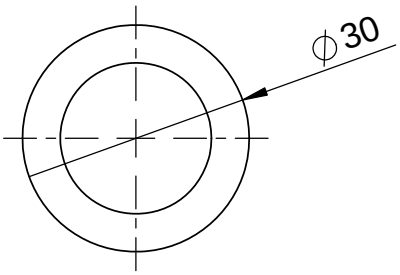
DWG NO. BSPN-0412-24

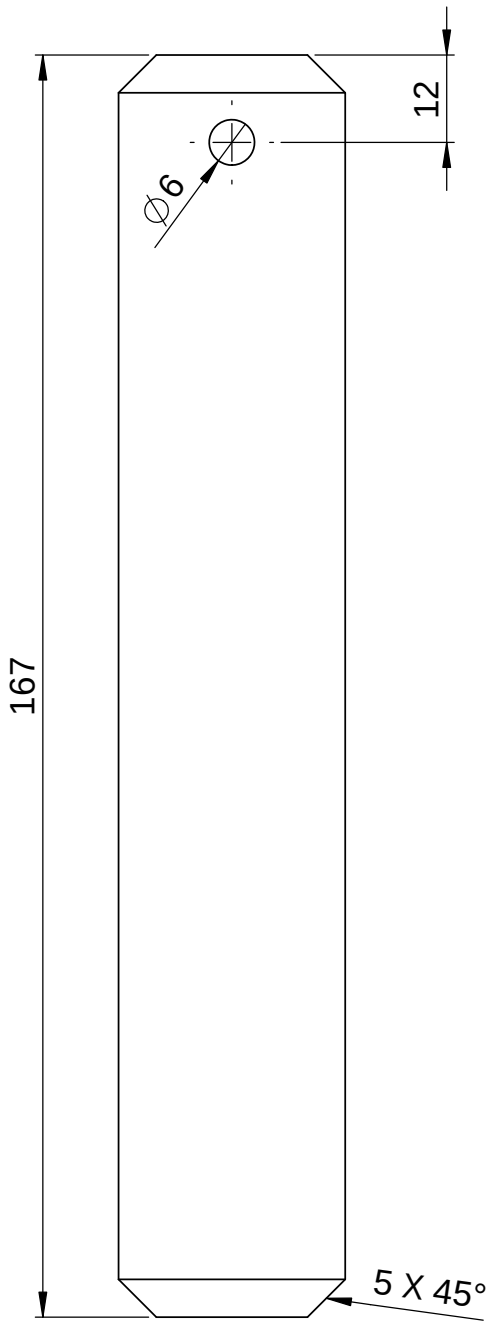
A4

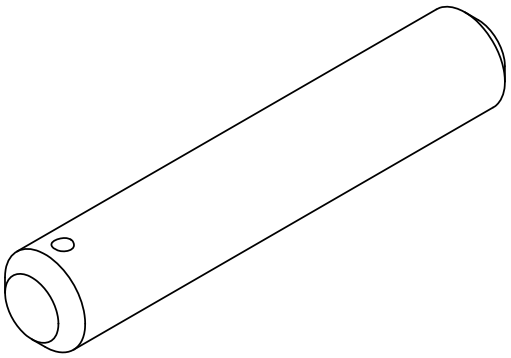
WEIGHT: 0.10

SCALE:1:2

SHEET 1 OF 1







UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

MATERIAL: 1.0037 (S235JR)

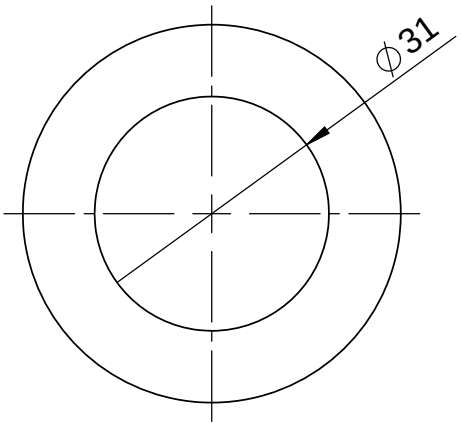
DWG NO. BSPN-0412-25

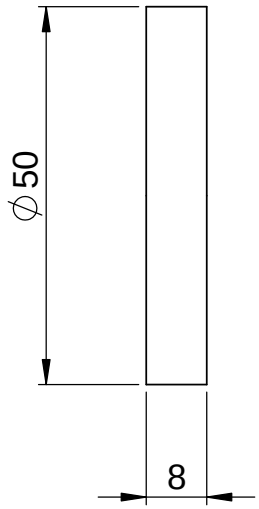
A4

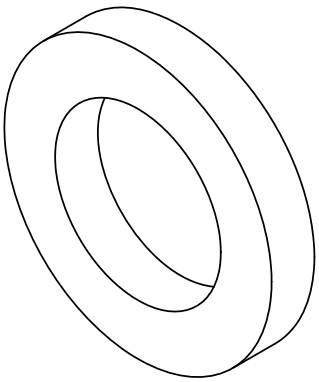
WEIGHT: 0.90

SCALE:1:2

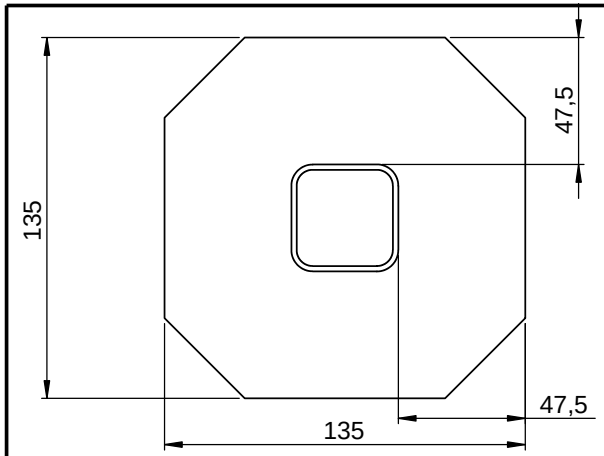
SHEET 1 OF 1

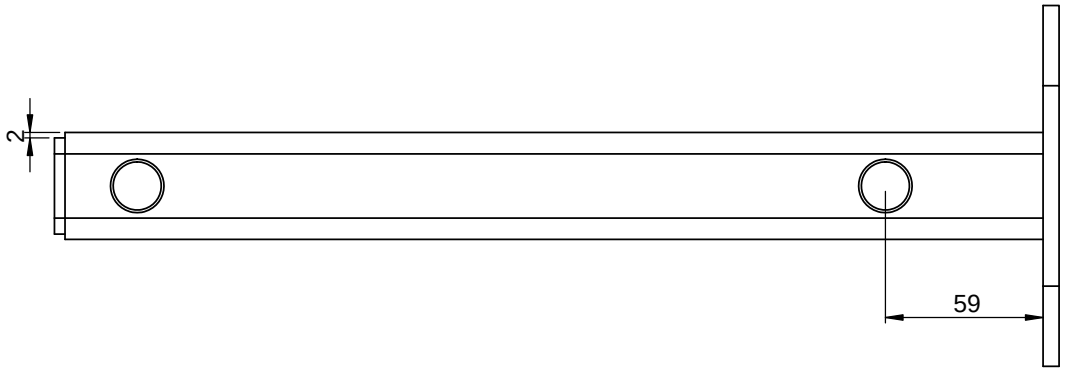


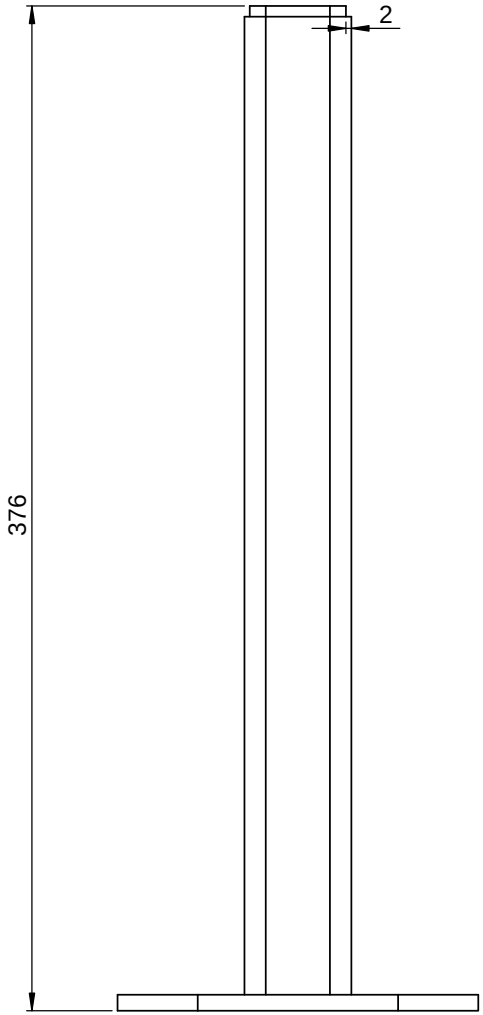


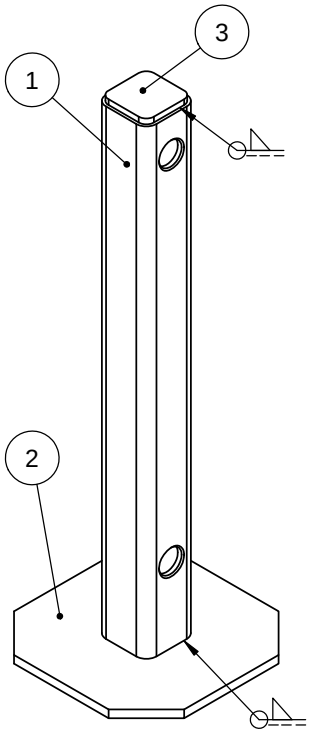


UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-26	A4
				WEIGHT: 0.08		SCALE:1:1	SHEET 1 OF 1









ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BSPN-0412-27		1
2	BSPN-0412-28		1
3	BSPN-0412-29		1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH: White electrolyzed	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION			
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL:			DWG NO. BSPN-0412-A4
							A3
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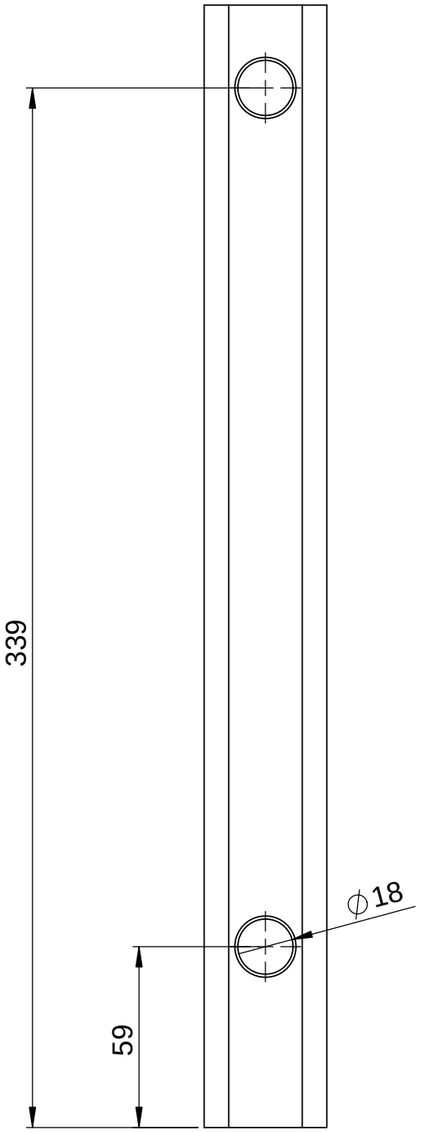
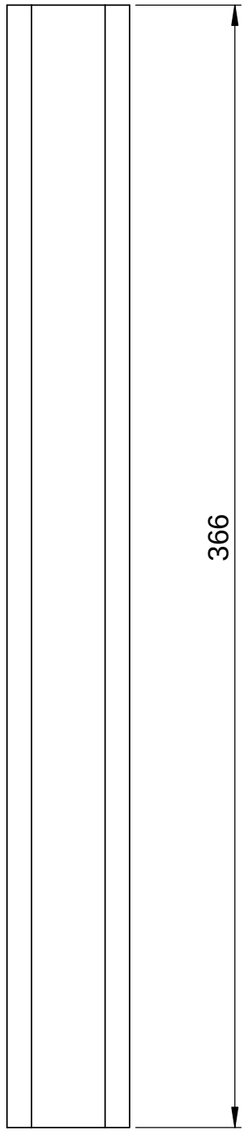
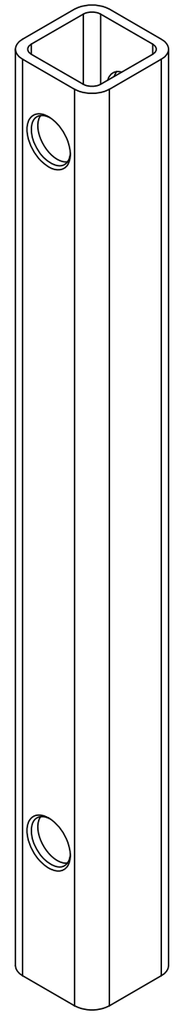
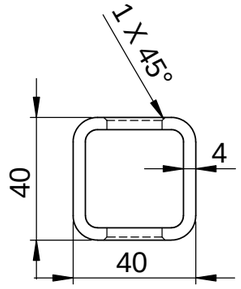
							SHEET 1 OF 1

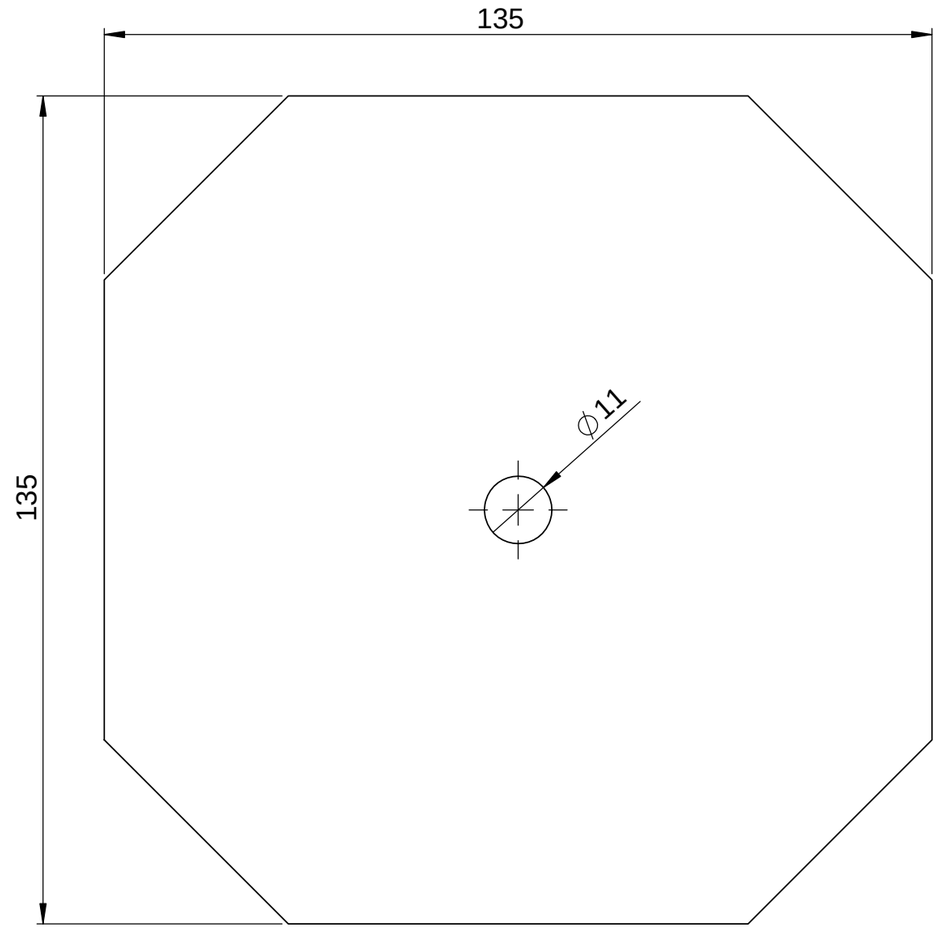


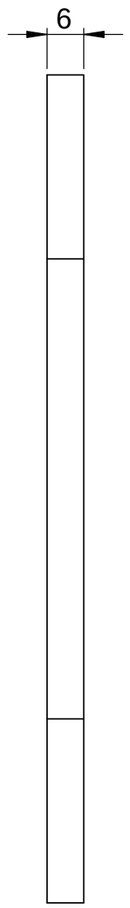


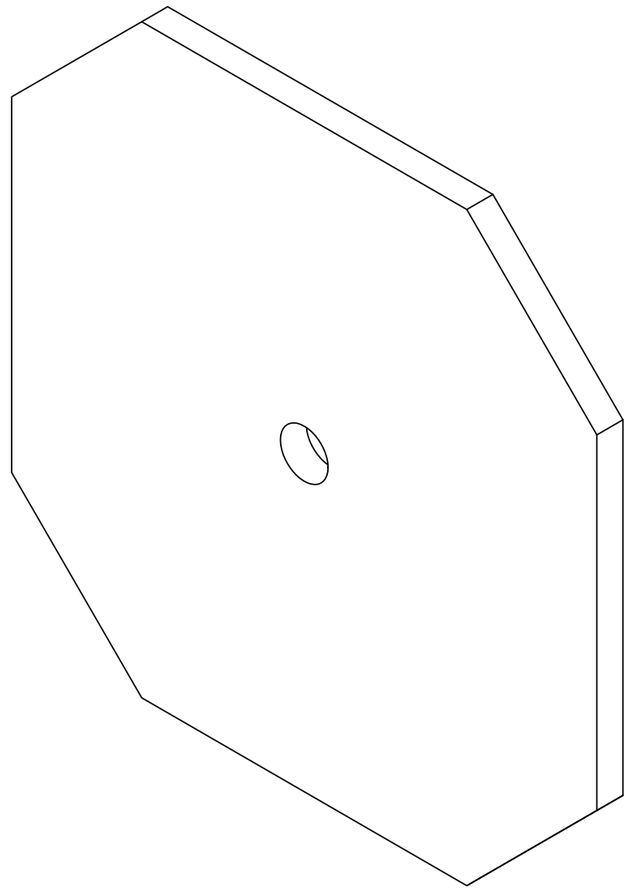




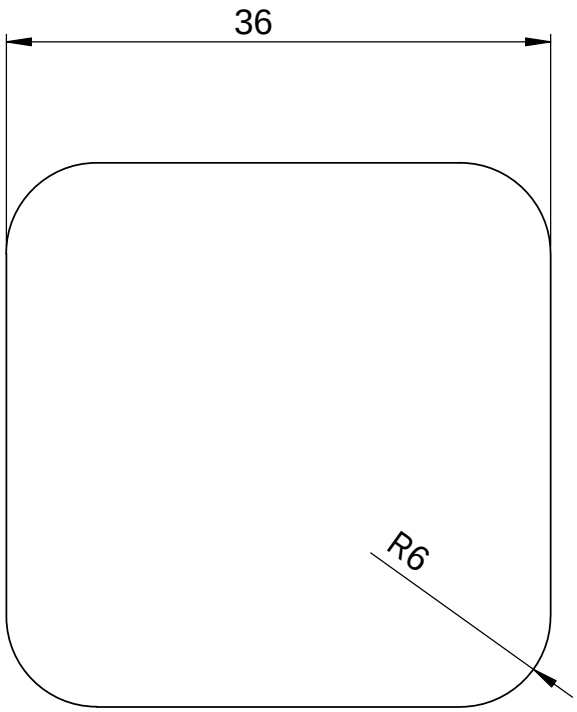
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:			DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)			DWG NO. BSPN-0412-27 / A3
				WEIGHT: 1.49			SCALE:1:5 / SHEET 1 OF 1

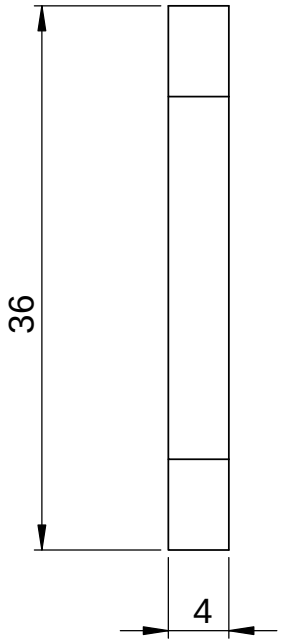


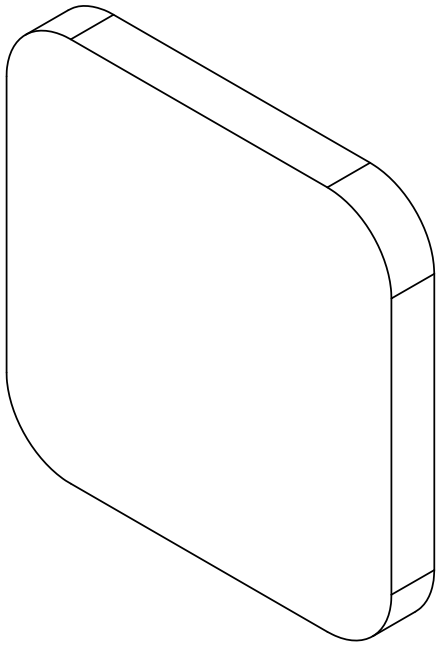




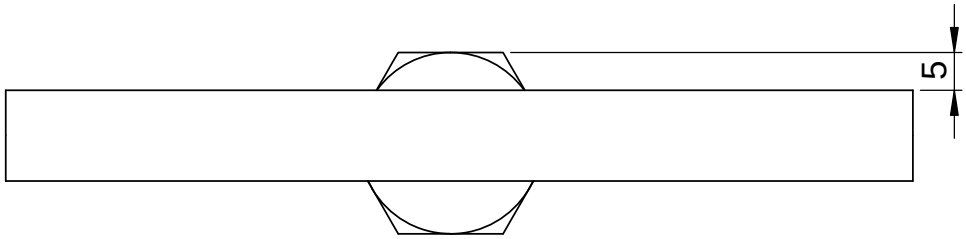
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-28	A3
				WEIGHT: 0.76		SCALE:1:1	SHEET 1 OF 1

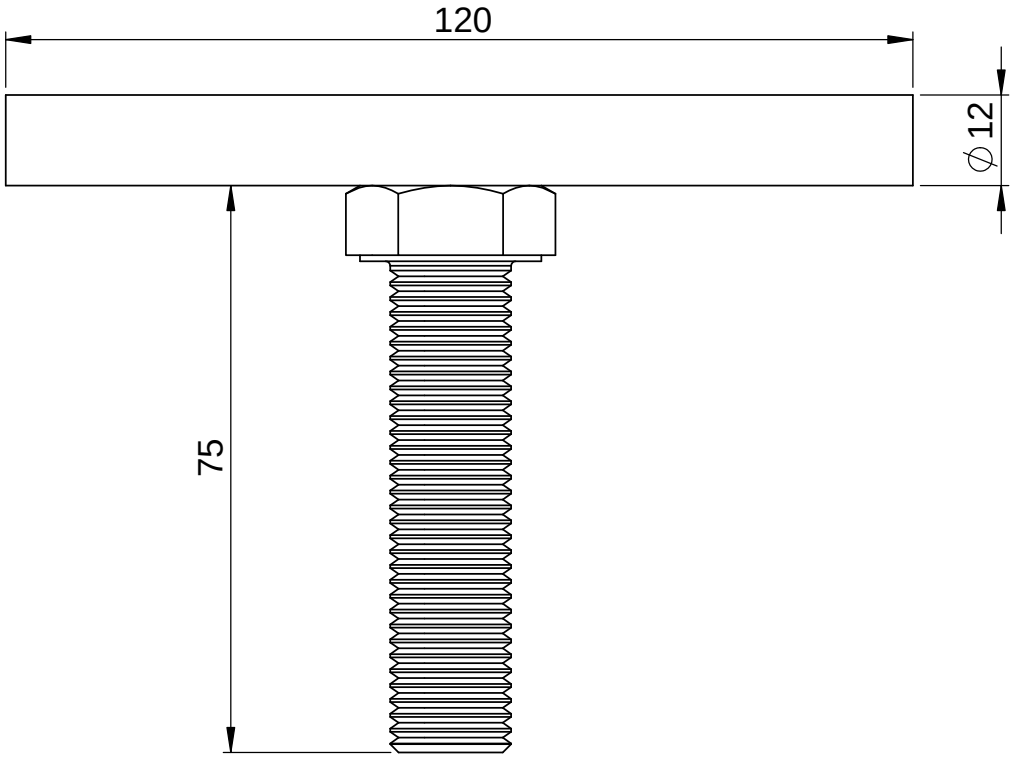


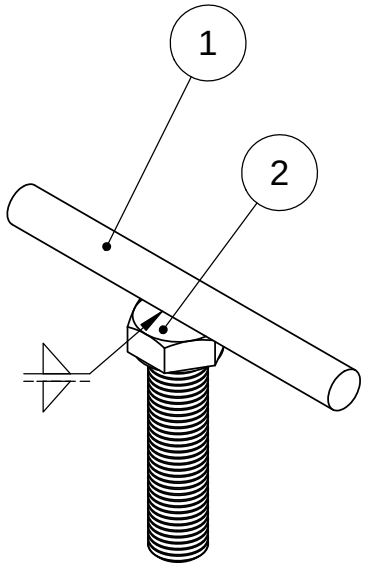




UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:		FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL: 1.0037 (S235JR)		DWG NO. BSPN-0412-29	A4
				WEIGHT: 0.04		SCALE:2:1	SHEET 1 OF 1







ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	F12X120-Handle		1
2	Hex Bolt GradeAB_DIN_ISO 4014 - M16 x 65 x 65-S		1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH: White Electrolyzed	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

MATERIAL:

WEIGHT: 0.12

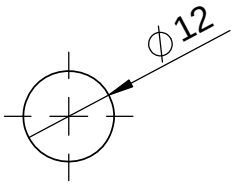
TITLE:

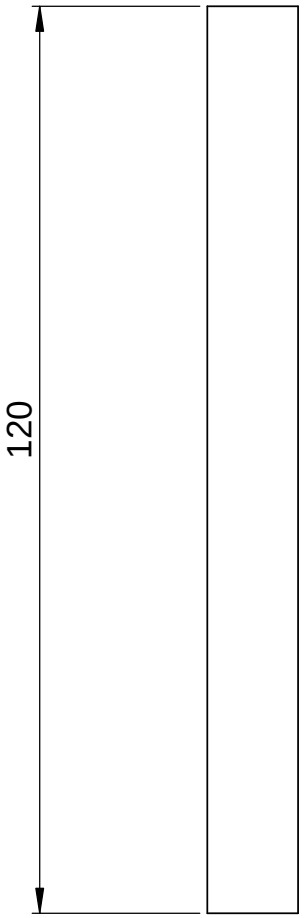
DWG NO. BSPN-0412-H1

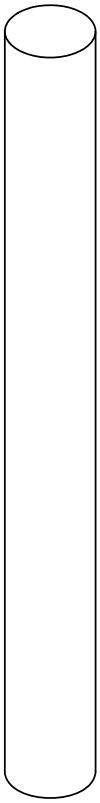
A4

SCALE:1:2

SHEET 1 OF 1







UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

MATERIAL: 1.0037 (S235JR)

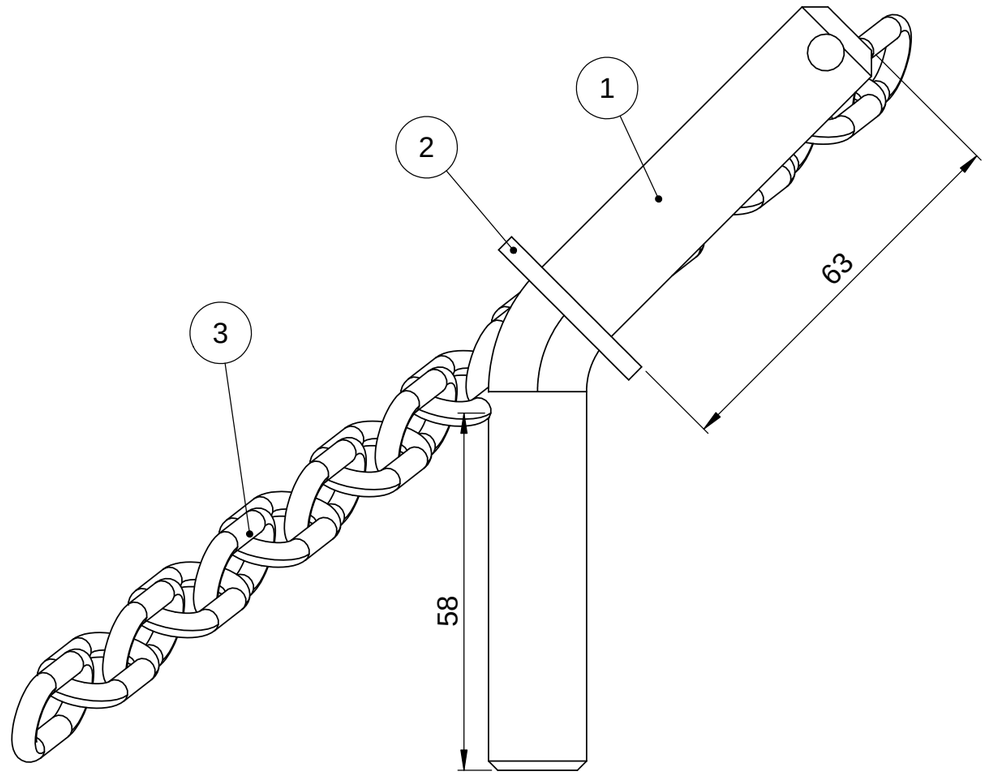
DWG NO. F12X120-Handle

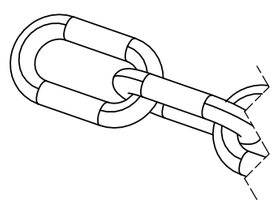
A4

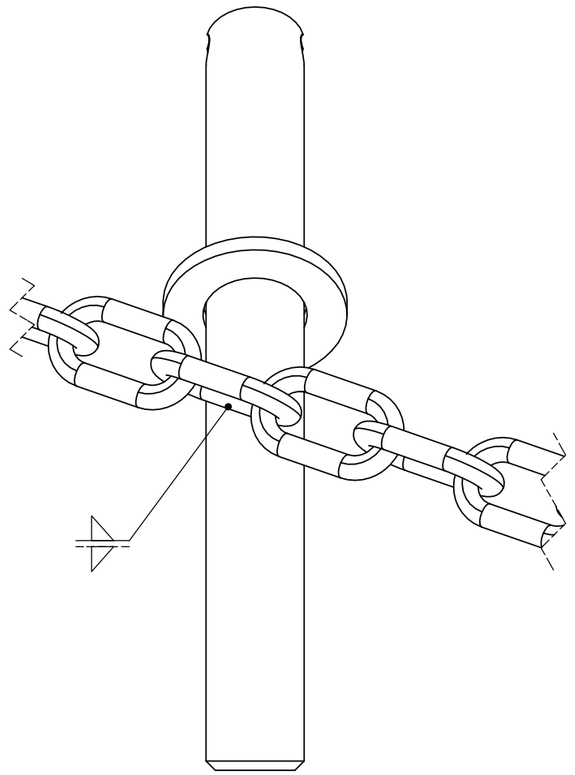
WEIGHT: 0.11

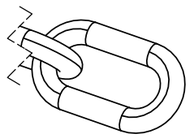
SCALE:1:2

SHEET 1 OF 1



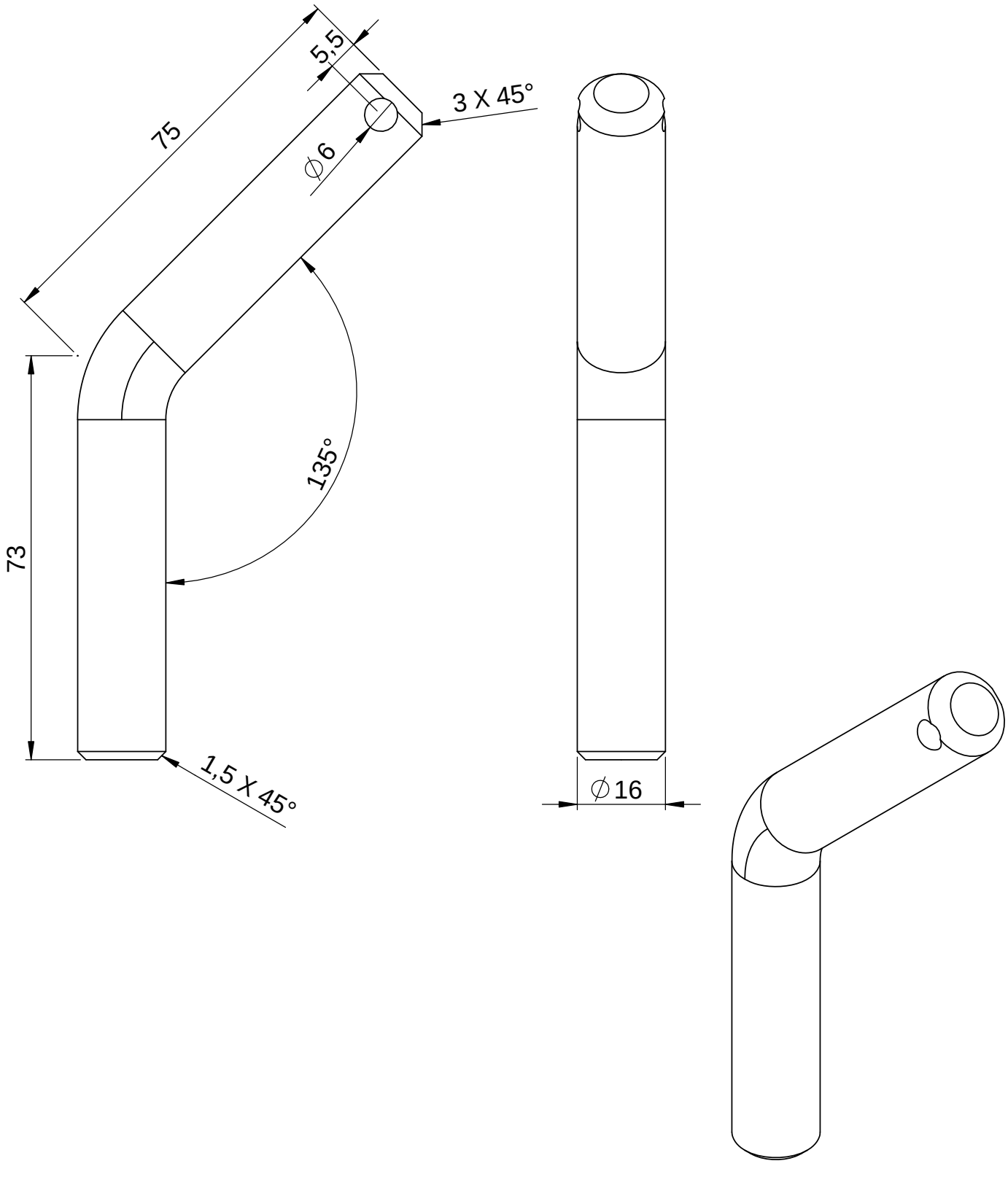






ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BSPN-0412-30		1
2	BSP-Washer16		1
3	BSP-F4DIN5685A	Standard chain DIN5685A-f4mm	1

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH: White Electrolyzed				DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL:		DWG NO. BSPN-0412-A5 / A3
				WEIGHT: 0.34		SCALE:1:5 / SHEET 1 OF 1



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

MATERIAL: 1.0037 (S235JR)

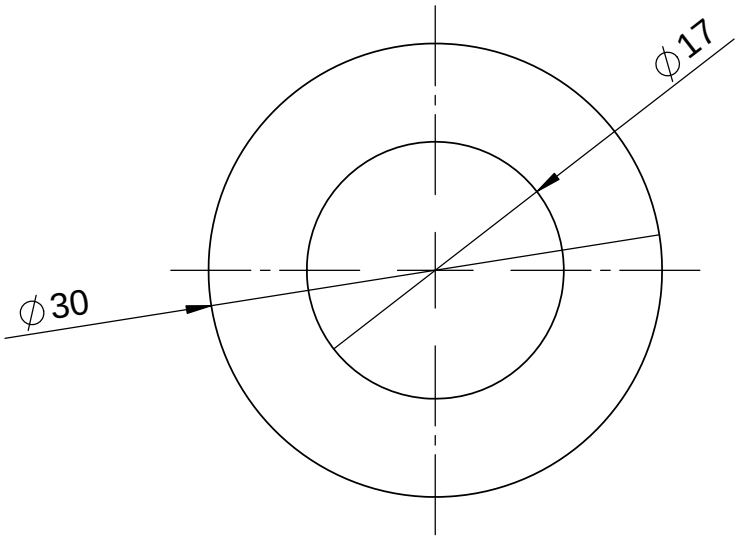
DWG NO. BSPN-0412-30

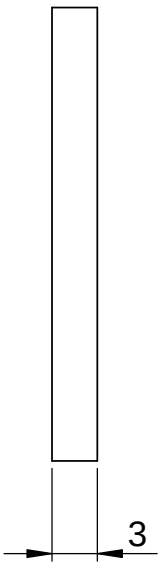
A4

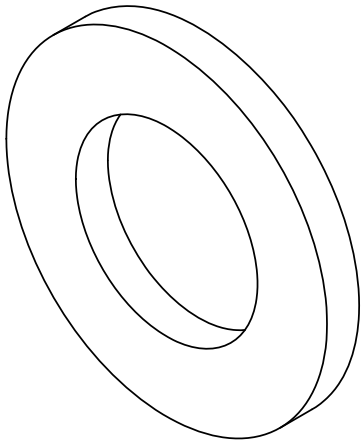
WEIGHT: 0.22

SCALE:1:2

SHEET 1 OF 1







UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: LINEAR: ANGULAR:	FINISH:	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

MATERIAL:

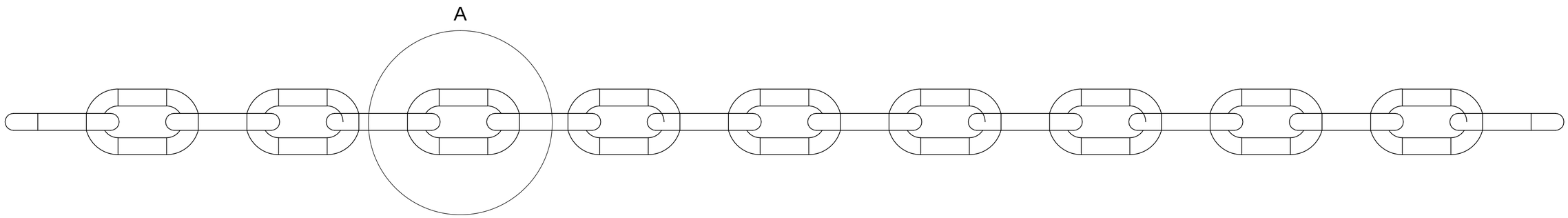
DWG NO. BSP-Washer16

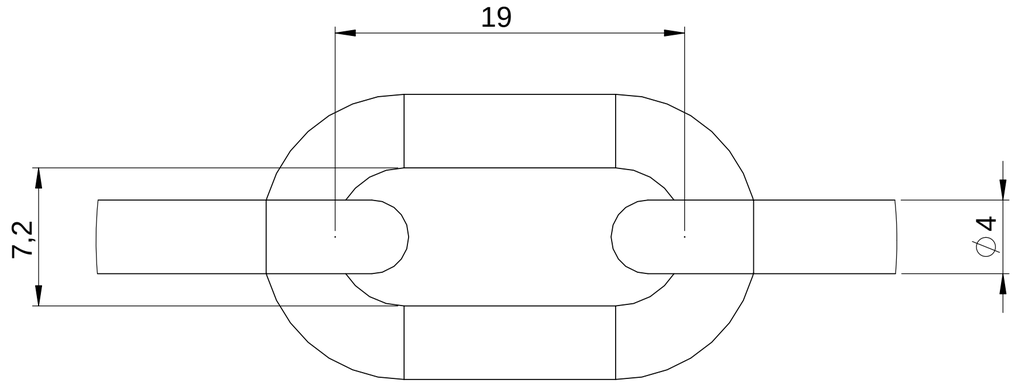
A4

WEIGHT:

SCALE:2:1

SHEET 1 OF 1

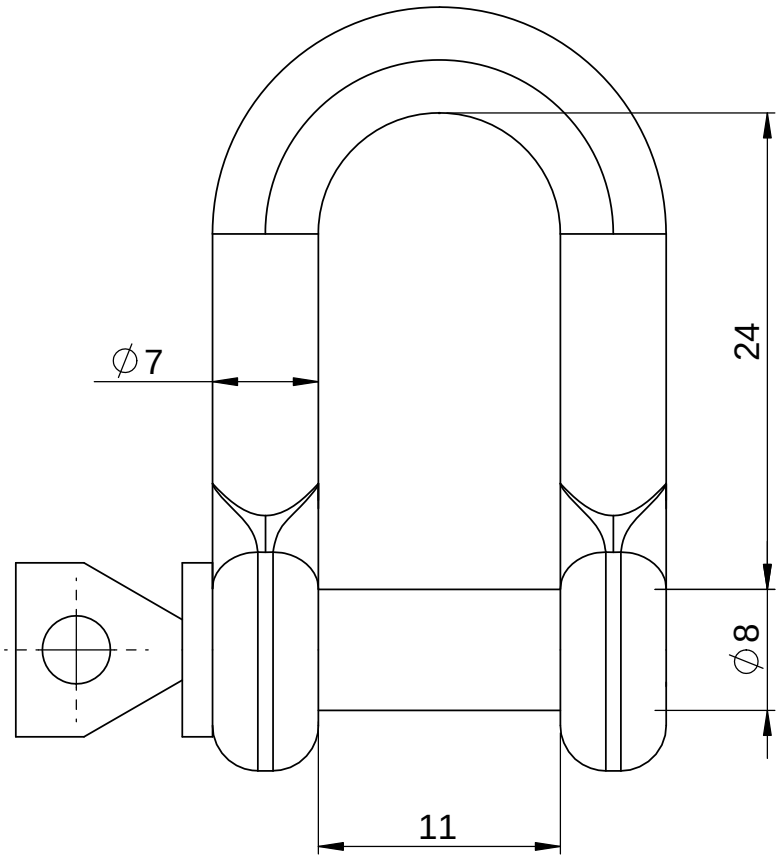


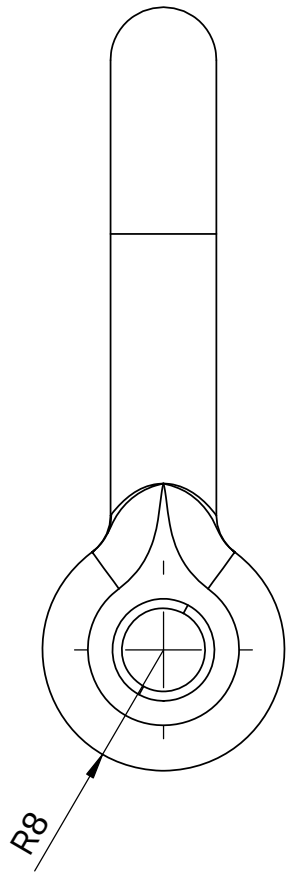


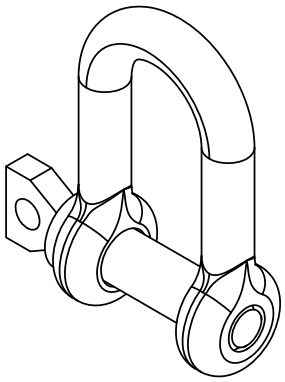
DETAIL A
SCALE 3 : 1

Use standard chain
DIN 5685A - f4mm
Tottal length 361mm
19 links

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: IT12 LINEAR: ANGULAR:		FINISH:			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION
	NAME	SIGNATURE	DATE			TITLE:
DRAWN						
CHK'D						
APPV'D						
MFG						
Q.A				MATERIAL:		DWG NO. BSP-F4DIN5685A / A3
				WEIGHT: 0.11		SCALE:1:5 / SHEET 1 OF 1







UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: IT12 LINEAR: ANGULAR:	FINISH:	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

Use standard shackle
DIN 82101A-M8

MATERIAL:

DWG NO. SP21603

A4

WEIGHT:

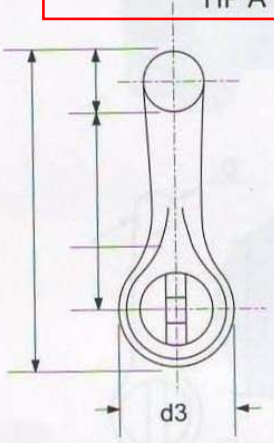
SCALE:1:1

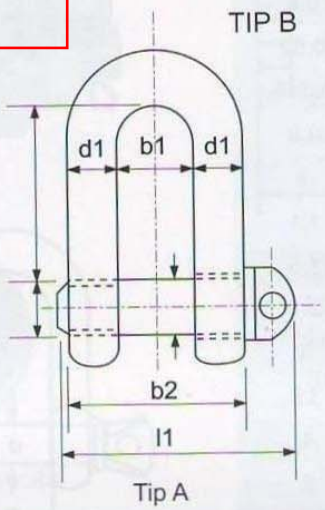
SHEET 1 OF 1

TIP A

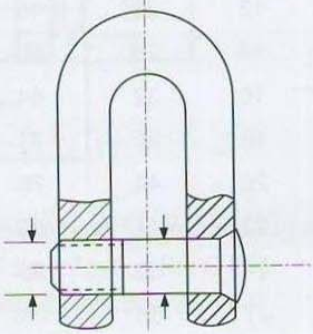
TIP B

TIP C

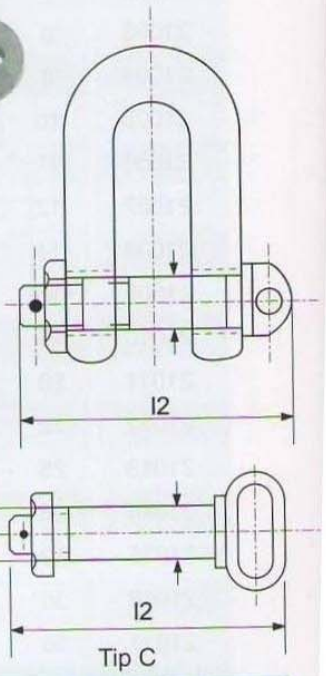




Tip A

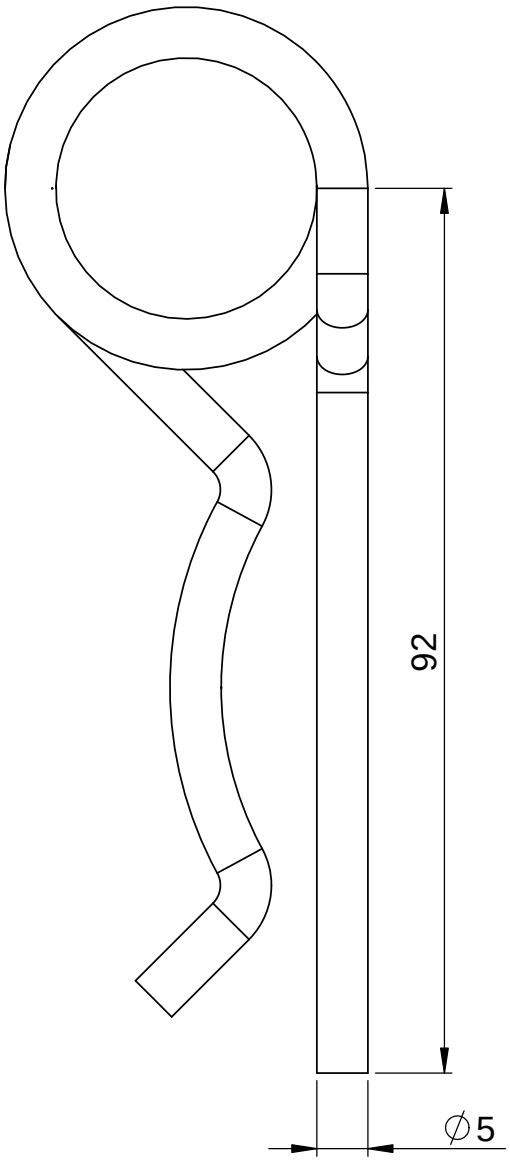


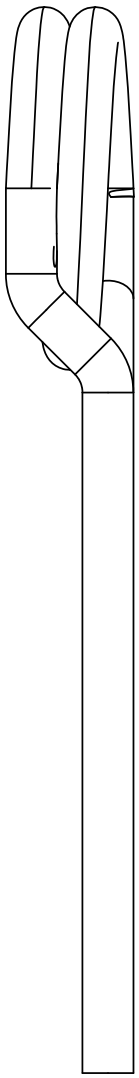
Tip B

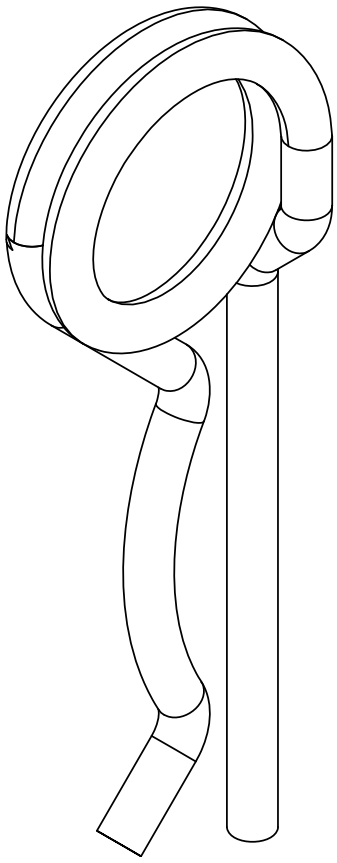


Tip C

Šifra	Nominalna veličina			Nosivost		Dimenzije (mm)													Težina kg		
	A	B	C	t	kN*	b1	b2	d1	d2	d3	d4	d5	d6	H	h1	h	l1	l2	A	B	C
21601	0.1	-	-	0.1	1	7	15	4	5	10	M5	5	5.3-0.1	28	15.5	18	24	-	0.013		
21602	0.16	-	-	0.16	1.6	8	18	5	6	12	M6	6	6.4-0.1	33	18	21	28	-	0.024	-	-
21603	0.25	-	-	0.25	2.5	11	25	7	8	16	M8	8	8.4-0.2	44	24	28	38	-	0.045	-	-
21604	0.4	0.4	0.4	0.4	4.0	14	31	8	10	20	M10	10	10.5-0.3	55	30	35	45	58	0.090	0.085	0.100
21605	0.6	0.6	0.6	0.63	6.3	17	39	10	12	24	M12	12	13-0.5	66	36	42	53	66	0.178	0.165	0.180
21606	1	1	1	1	10	21	49	13	15	32	M16	16	17-0.5	88	49	57	64	80	0.360	0.340	0.390
21607	1.6	1.6	1.6	1.6	16	27	63	17	19	40	M20	20	21 -0.5	110	61	71	85	100	0.750	0.720	0.800
21608	2	2	2	2	20	30	70	19	21	44	M22	22	23-0.5	121	67	78	93	110	1.000	0.960	1.080
21609	2.5	2.5	2.5	2.5	25	33	78	21	23	48	M24	24	25-0.5	132	73	85	103	122	1.320	1.250	1.400
21610	3	3	3	3.15	31.5	33	90	24	26	64	M27	27	23-0.5	150	83.5	97	120	140	1.850	1.750	2.000
21611	4	4	4	4	40	42	100	27	29	60	M30	30	31-0.5	165	91	106	130	150	2.500	2.400	2.700
21612	5	5	5	5	50	47	111	30	33	72	M36	36	37-0.5	198	111	129	144	172	4.000	3.800	4.300
21613	6	6	6	6.3	63	53	126	34	37	78	M39	39	40-0.5	215	119.5	139	160	190	5.400	5.200	5.800
21614	8	8	8	8	80	60	142	38	41	90	M45	45	46-0.5	248	139.5	162	182	217	7.900	7.600	8.500
21615	10	10	10	10	100	66	155	42	45	96	M48	48	50- 1	264	147	171	200	235	10.00	9.700	10.800
21616	12	12	12	12.5	125	73	173	47	50	104	M52	52	54-1	286	158	184	216	254	13.500	13.000	14.000
21617	16	16	16	16	160	81	193	52	55	120	M60	60	62- 1	330	185	215	245	285	19.200	19.100	20.500
21618	20	20	20	20	200	90	214	58	61	136	M68	68	70-1	374	211	245	270	311	28.000	27.500	29.500
21619	25	-	25	25	250	100	226	63	67	144	M72	72	74- 1	396	221	257	324	371	34.000	-	36.000







Use standard pin
DIN 11024 - f5mm

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: IT12 LINEAR: ANGULAR:	FINISH:	DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING / REVISION

	NAME	SIGNATURE	DATE
DRAWN			
CHK'D			
APPV'D			
MFG			
Q.A			

TITLE:

MATERIAL: 1.0503 (C45)

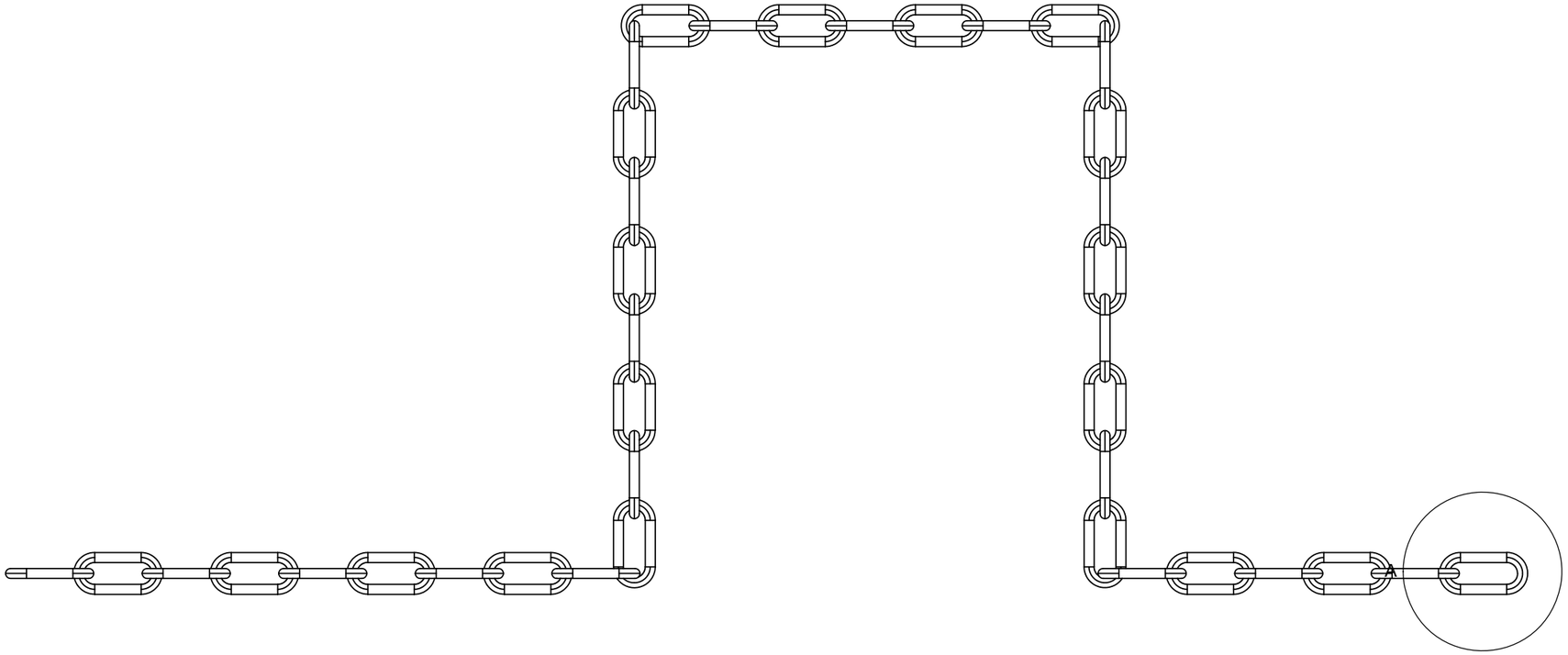
DWG NO. BSP-DIN11024-27524

A4

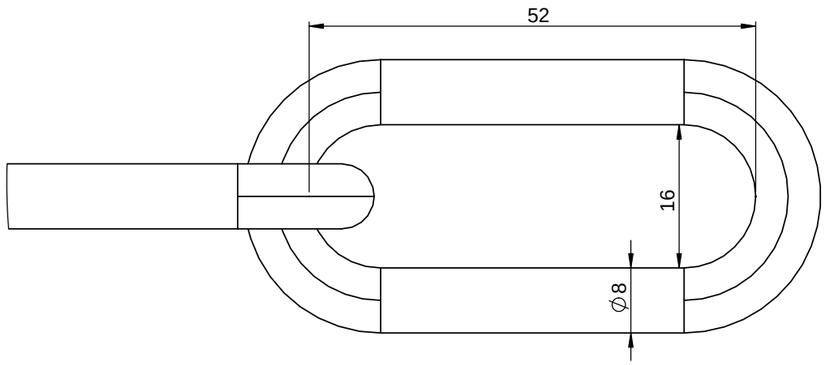
WEIGHT:

SCALE:1:2

SHEET 1 OF 1



DETAIL A
SCALE 2 : 1



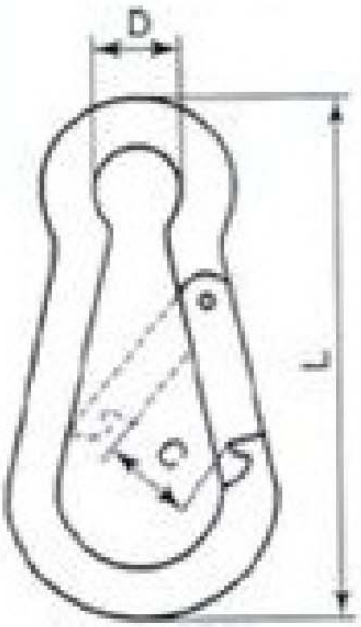
Standard Chain f8mm DIN 5685C

Tottal lenght 1976mm
38 links

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: IT12 LINEAR: ANGULAR:		FINISH:			DEBUR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE			TITLE:	
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL:		DWG NO. BSP-F8DIN5685C	A2
				WEIGHT:		SCALE:1:10	SHEET 1 OF 1

Use standard part DIN5299-Type B

MATERIJAL: C15



TIP B

TIP C

		L	D	C
27001	4	40	7	7

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS SURFACE FINISH: TOLERANCES: IT12 LINEAR: ANGULAR:		FINISH:		DEBUR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING	REVISION
	NAME	SIGNATURE	DATE				TITLE:
DRAWN							
CHK'D							
APPV'D							
MFG							
Q.A				MATERIAL:		DWG NO. BSP-DIN5299-27001B	A4
				WEIGHT:		SCALE:1:1	SHEET 1 OF 1