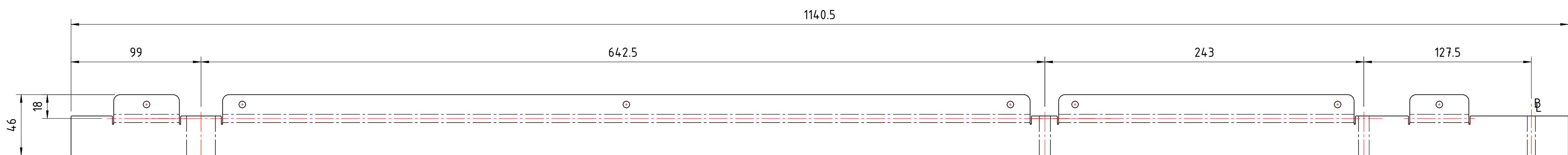
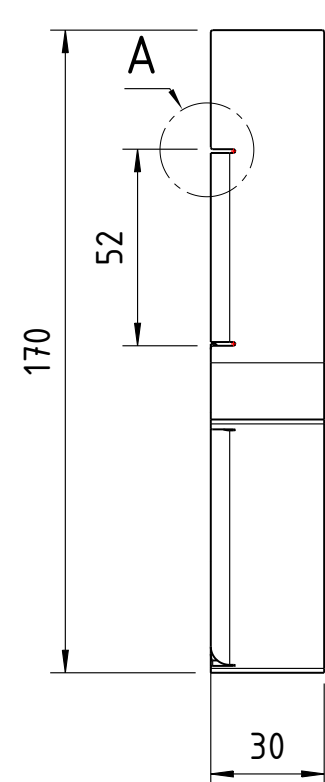
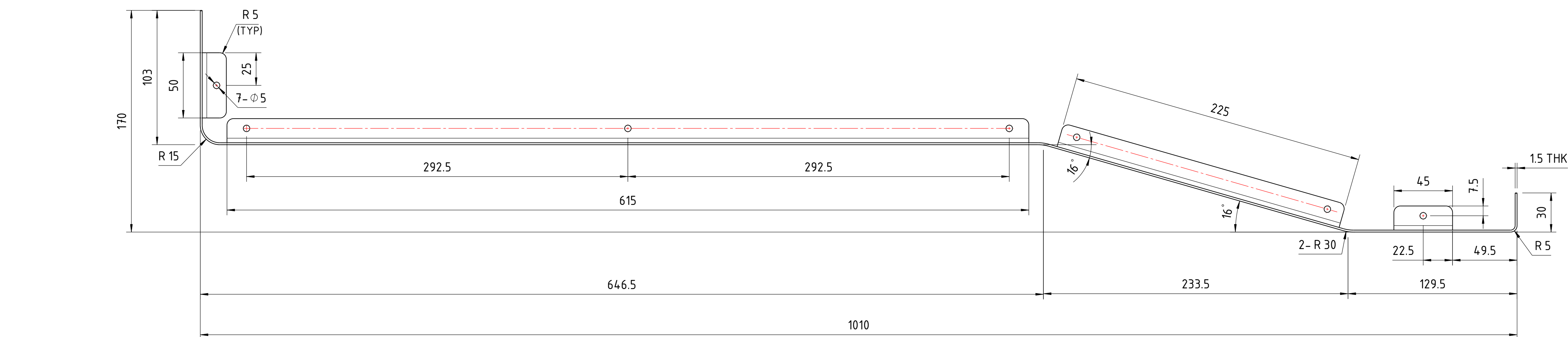
	TECHNICAL DELIVERY CONDITION	Project: Train B28
Aggregate	SS brackets	DOC No.: FPIIC/TD/076
BEML Enquiry/ RFQ Reference :		

Sl. No.	Technical Delivery Conditions	COMPLIED	NOT COMPLIED
1	Each of the SS brackets shall confirm to the tender drawing requirements.	<input type="checkbox"/>	<input type="checkbox"/>
2	The material used shall be austenitic stainless steel to grade SUS 304 / AISI 304 and shall be procured from reputed sources like M/s. SAIL or M/s. JSL Stainless Pvt. Ltd.	<input type="checkbox"/>	<input type="checkbox"/>
3	The firm shall submit material test certificate for chemical composition and mechanical properties from the source.	<input type="checkbox"/>	<input type="checkbox"/>
4	Due care shall be taken to ensure quality of welding and after fabrication the weld areas shall be pickled and passivated. Pickling & Passivation process details shall be submitted along with the technical bid.	<input type="checkbox"/>	<input type="checkbox"/>
5	Fabrication of the assembly shall be carried out by qualified welders. Valid Welder qualification certificates and Welding Process Qualification (WPS & PQR) as per EN / ISO / DIN standard shall be submitted along with the technical bid.	<input type="checkbox"/>	<input type="checkbox"/>
6	The SS brackets assemblies shall be fabricated using dedicated jigs & fixtures.	<input type="checkbox"/>	<input type="checkbox"/>
7	The SS brackets shall be manufactured using dedicated CNC tooling and the part shall be free of die marks & scratches.	<input type="checkbox"/>	<input type="checkbox"/>
9	The surfaces of SS brackets shall be 2-B finish as mentioned in the drawing.	<input type="checkbox"/>	<input type="checkbox"/>
10	After fabrication, the finish products shall be of sound quality without any defects.	<input type="checkbox"/>	<input type="checkbox"/>
11	100% quantity of the SS brackets shall be subjected to visual and dimensional inspection. Inspection reports shall be submitted along with supplies.	<input type="checkbox"/>	<input type="checkbox"/>
12	Packing shall be done individually and due care shall be taken during packing and ensure damage free product. The damages during transit will be supplier's responsibility. Also, the firm shall ensure that the brush finished surfaces shall be covered properly to avoid scratches during transit.	<input type="checkbox"/>	<input type="checkbox"/>
13	The supplier shall obtain sample approval and fitment trials for SS brackets from BEML before taking up mass production.	<input type="checkbox"/>	<input type="checkbox"/>
14	Part number shall be marked on all SS plates using permanent marker. However, use of label for mentioning the part number is not acceptable.	<input type="checkbox"/>	<input type="checkbox"/>

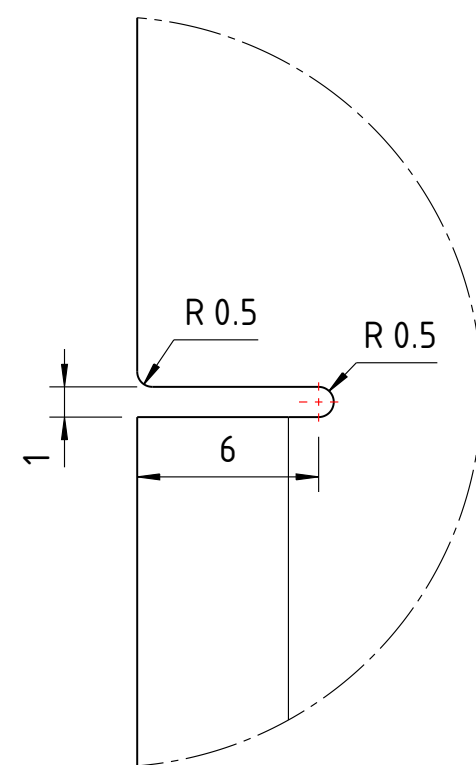
Signature of the Bidder with Seal
(Name, Designation & Address)

3		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
CLASS - MEDIUM		TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302				
WELDING SHALL BE CARRIED OUT AS PER ISO 5008-3						WELDING PROCESS SHALL BE AS PER ISO 4063				
WELDING SYMBOL SHALL BE AS PER EN ISO 2553						WELDING TENSILE SHALL BE AS PER EN ISO 6947				
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN 5817						STATUS				
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 5085-3						INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER ISO 5085-5				

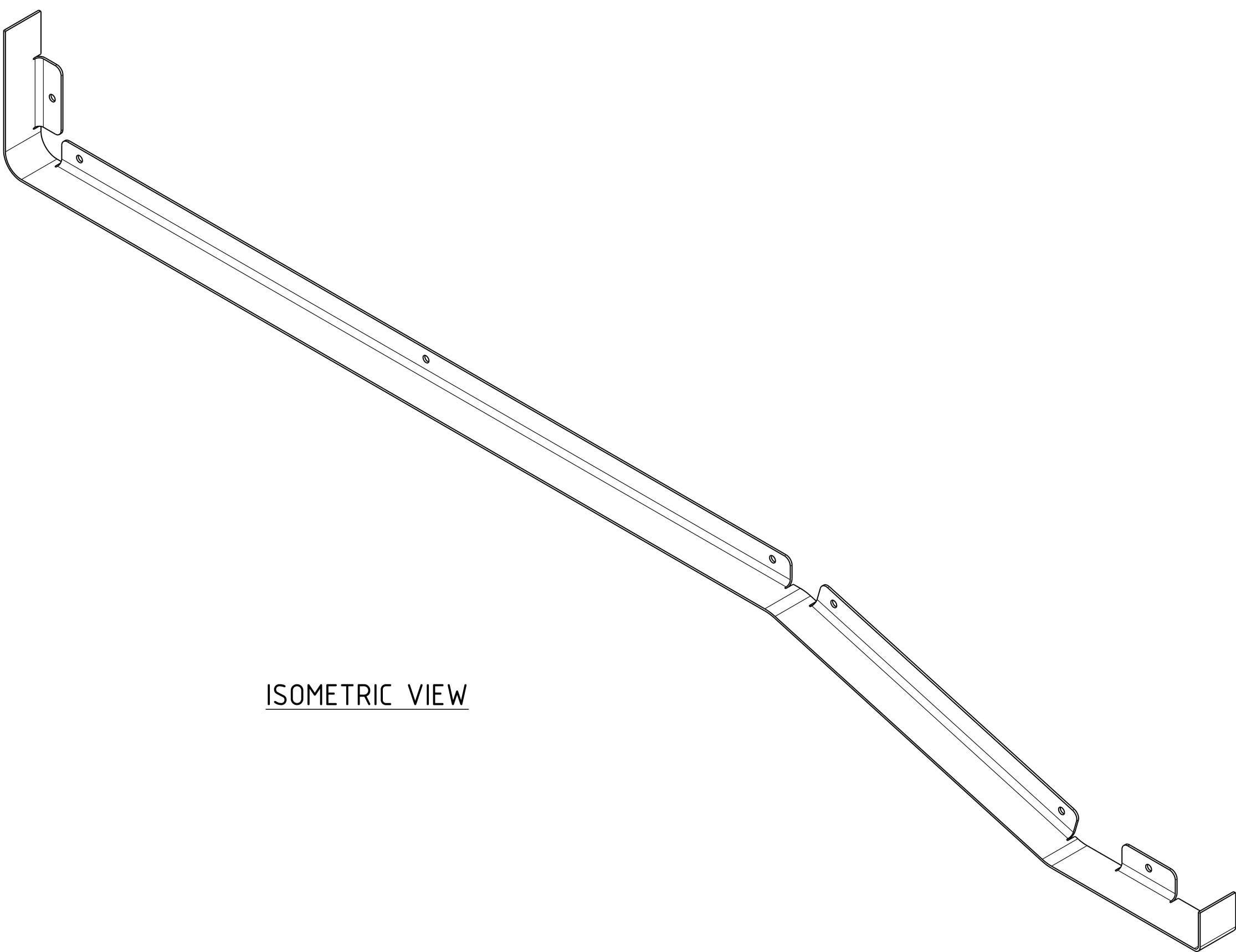
PROTO/PRODUCTION



DEVELOPED VIEW WITH BENDING LINE DETAILS



DETAIL-A
4:1



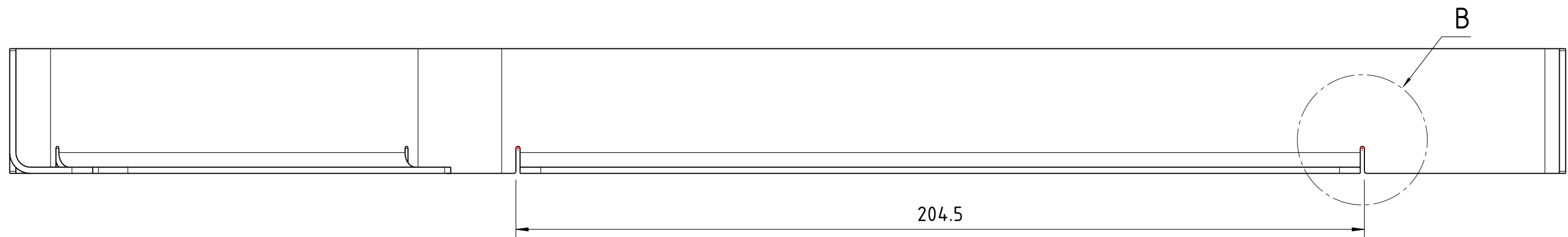
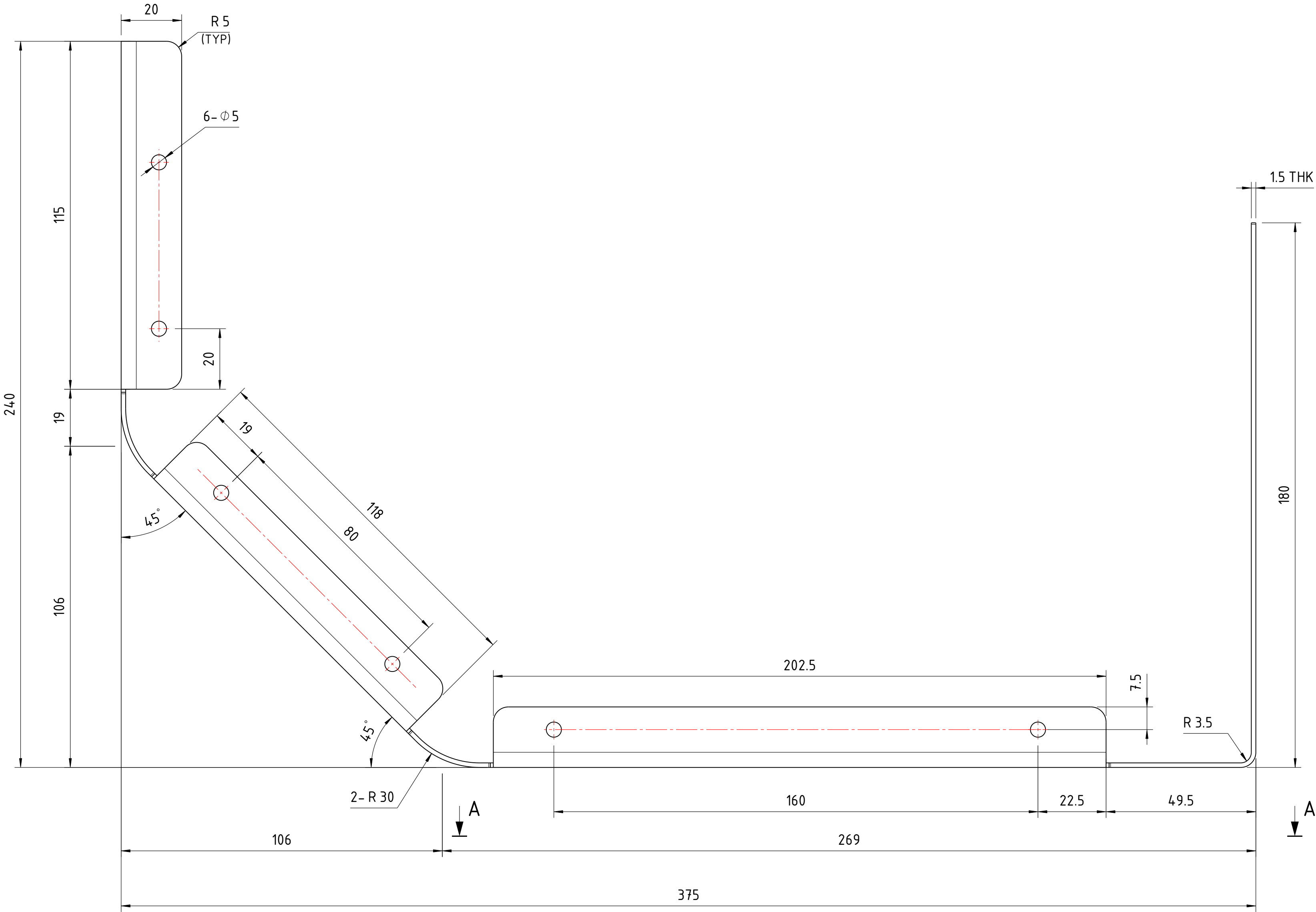
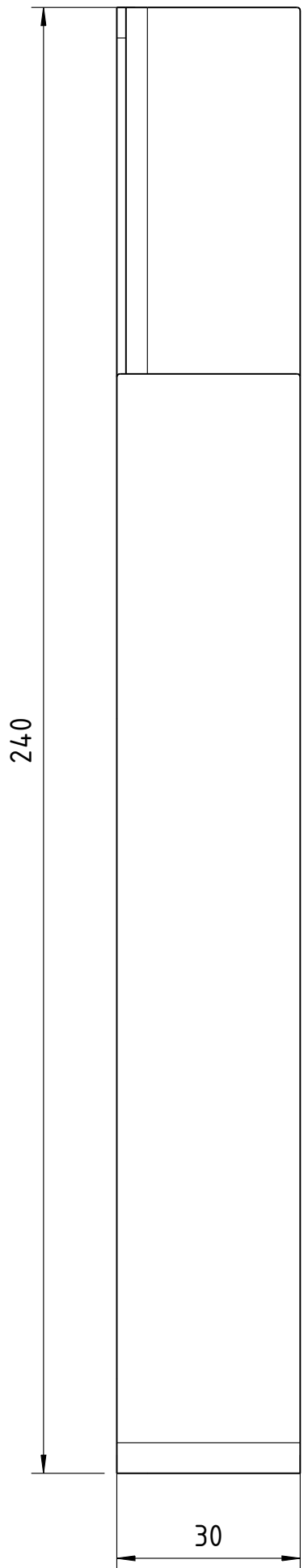
ISOMETRIC VIEW

UN CONTROLLED

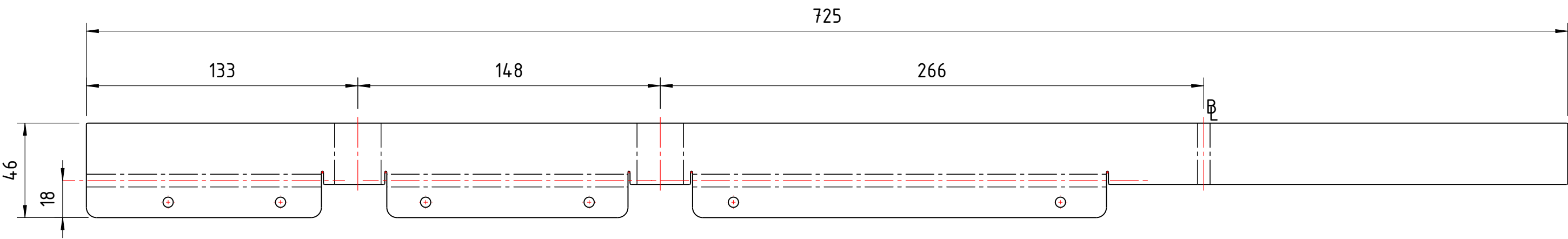
SL NO	PART NO	DESCRIPTION
1	844-16113-300	AS DRAWN
2	844-16113-301	OPP HAND DRAWN

									1140.5x6x15THK		
SL.No.	QTY	PART / STOCK No.			DESCRIPTION			SIZE (mm)	COMPANY STD./SIS	Wt. (Kg)	
									MATERIAL		
					PRODUCT						
					REF DRG	--					
					MATERIAL	SUS 304L / AISI 304L, 2B FINISH					
					HEAT TREAT SURFACE TREAT TITLE		APPD	KRISHNA PRASAD	17.02.26		
							REVD	KRISHNA PRASAD	17.02.26		
							CHKD	SANTOSH KUMAR	17.02.26		
							DRWN	ARTI KUMARI	17.02.26		
							SCALE		SHEET	Wt (kg)	
							1:2	1 of 1	0.59		
							DRG No.				
ALT.No.	ECN No./CHANGES	DATE	BY	ENG	APPD	BANGALORE COMPLEX		844-16113		ALT	

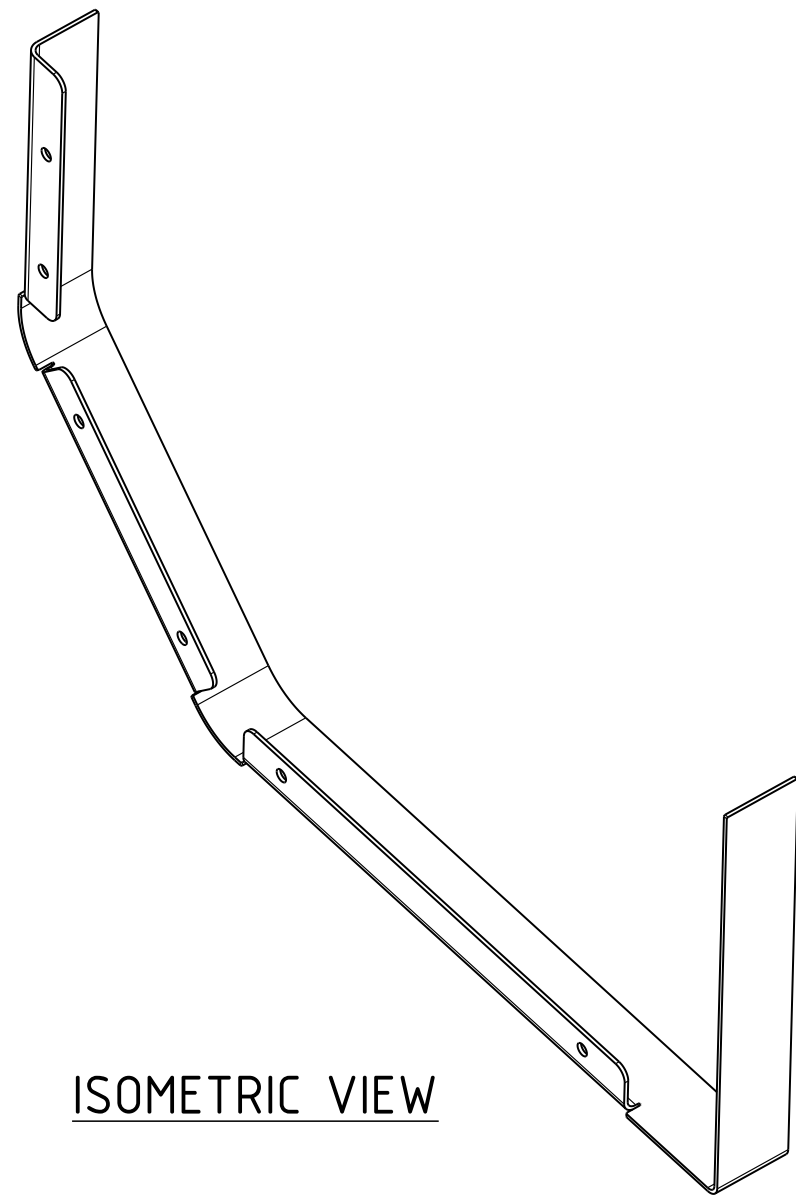
3		2		1	
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE		TOLERANCE	
CLASS - MEDIUM		0.5 - 3		3 - 6	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1		GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2		VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302	
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920		WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING POSITIONS SHALL BE AS PER EN ISO 6947	
WELDING SYMBOLS SHALL BE AS PER EN ISO 2553		WELDING PROCESS SHALL BE AS PER EN ISO 4063		WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3	
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817		INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5		STATUS: PROTO/PRODUCTION	



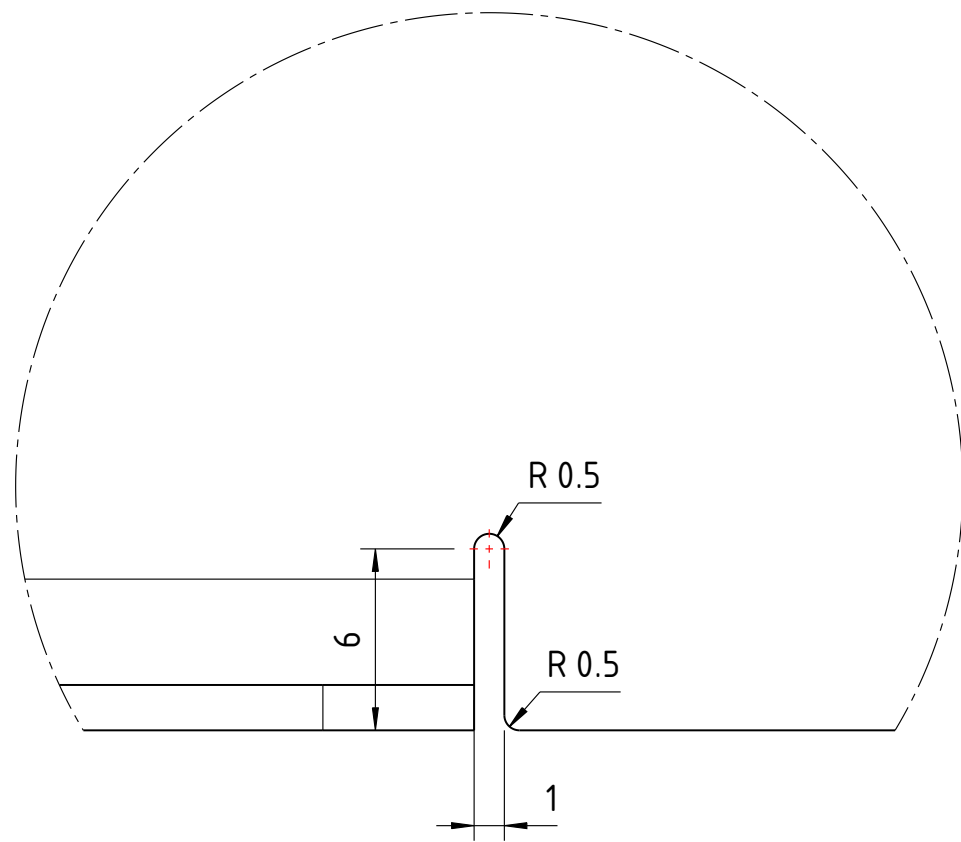
AUXILIARY VIEW-A



DEVELOPED VIEW WITH BENDING LINE DETAILS



ISOMETRIC VIEW



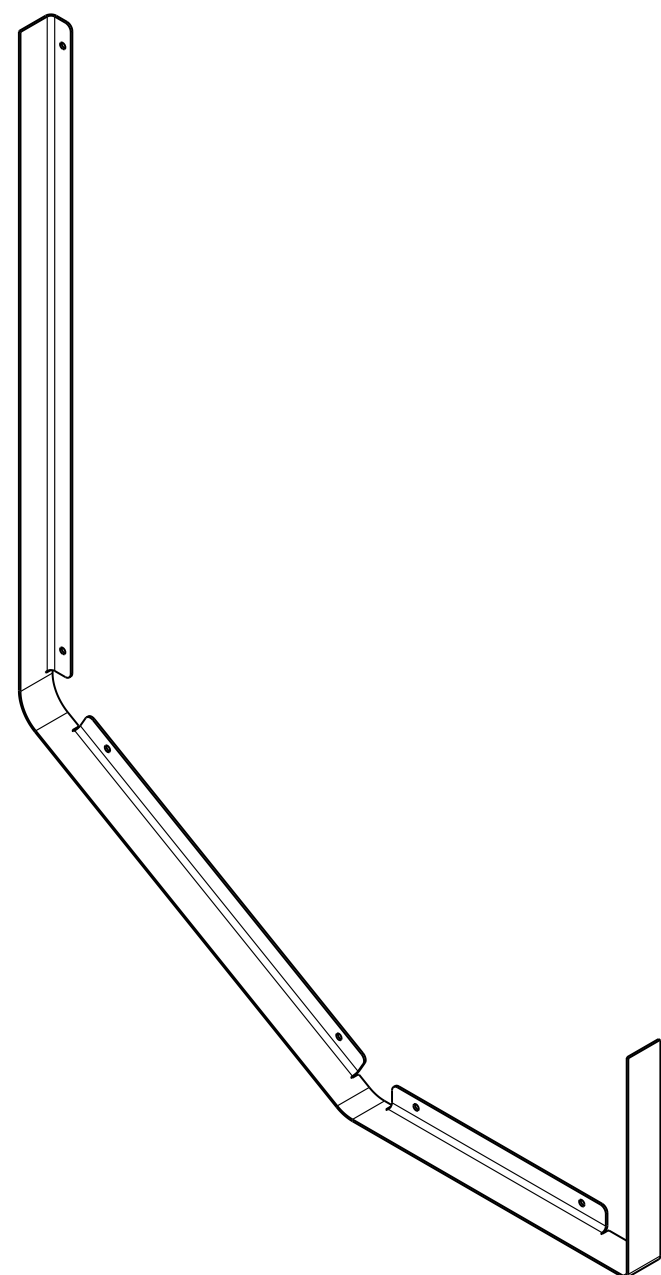
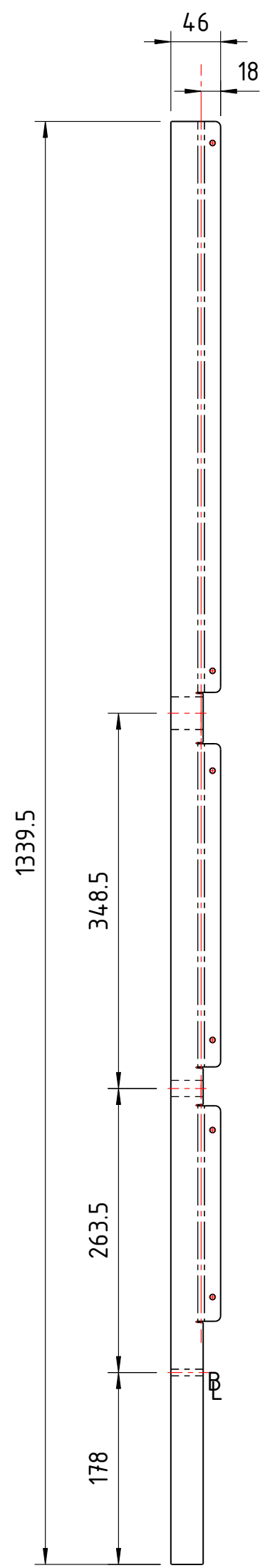
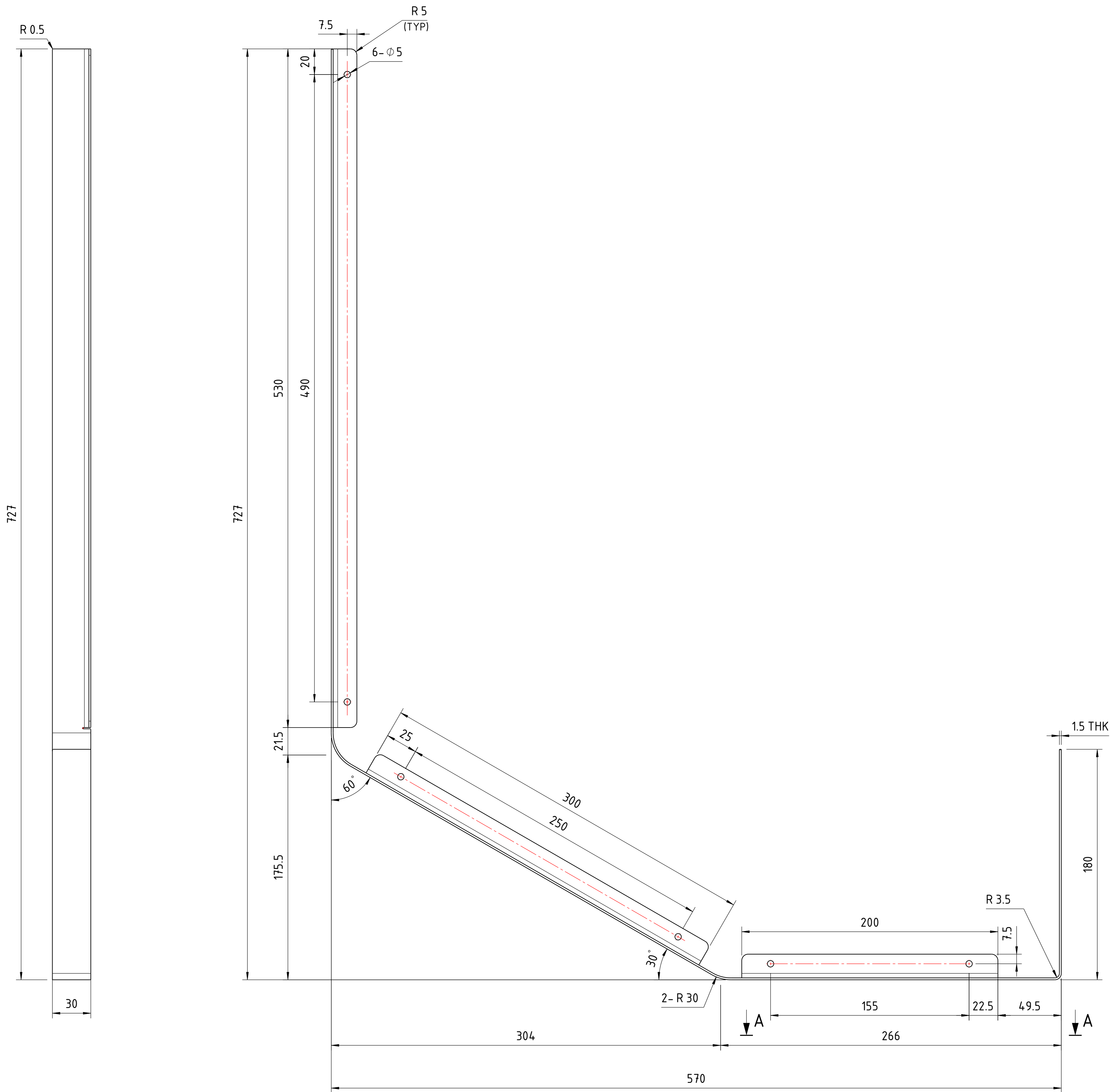
DETAIL-B
4:1

SLNo.		QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./IS	Wt. (Kg)
MATERIAL		PRODUCT		725x46x15THK			
REF. DRG		MATERIAL		SUS 304L / AISI 304L, 2B FINISH			
HEAT TREAT.		APPD		KRISHNA PRASAD			
SURFACE TREAT.		REV D		KRISHNA PRASAD			
TITLE		CHKD		SANTOSH KUMAR			
SCALE		DRWN		ARTI KUMARI			
1:1		SCALE		1 of 1			
0		DRG No.		844-16112			
ALT		BANGALORE		COMPLEX			
ALT No.		EON No./CHANGES		DATE			
BY		CHKD		APPD			

- NOTES:
- ALL DIMENSIONS ARE IN mm.
 - REMOVE ALL SHARP EDGES & BURRS.
 - THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

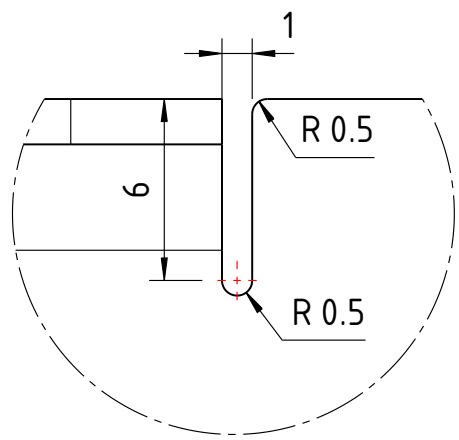
UN CONTROLLED

3		2				1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS									
RANGE		0.5 - 3		3 - 6		6 - 30		30 - 120	
TOLERANCE		±0.1		±0.1		±0.2		±0.3	
CLASS - MEDIUM									
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2			
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302			
WELDING SHALL BE CARRIED OUT AS PER EN ISO585-3			WELDING PROSING SHALL BE AS PER EN ISO-6463			STATUS PROTO/PRODUCTION			
WELDING SHALL BE AS PER EN ISO-2553			WELDING PROSING SHALL BE AS PER EN ISO 6947						
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817									
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO585-3 INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN ISO585-5									



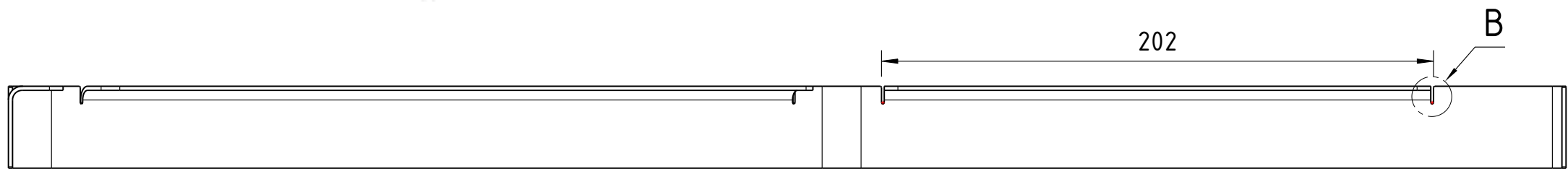
ISOMETRIC VIEW

DEVELOPED VIEW WITH BENDING LINE DETAILS



DETAIL-B

4:1



AUXILIARY VIEW-A

UN CONTROLLED

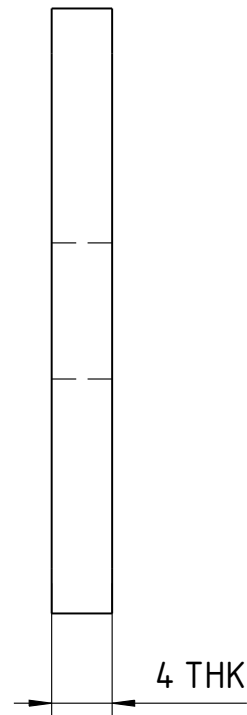
NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

										1339.56x15THK		
SL.No.	QTY	PART / STOCK No.				DESCRIPTION		SIZE (mm)	COMPANY STD./I.S		Wt. (Kg)	
									MATERIAL			
						PRODUCT						
						REF ORG	--					
						MATERIAL	SUS 304L / AISI 304L, 2B FINISH					
						HEAT TREAT	--	APPD	KRISHNA PRASAD		07.02.26	
						SURFACE TREAT	--	REVD	KRISHNA PRASAD		07.02.26	
						TYPE		CHKD	SANTOSH KUMAR		07.02.26	
								DRAWN	ARTI KUMARI		07.02.26	
								SCALE		SHEET	Wt.(kg)	
								1:2		1 OF 1	0.68	
ALT.No.	ECN No./CHANGES				DATE	BY	APPD	DRG No.		ALT		
								BANGALORE COMPLEX		844-16111		
										0		

Technical drawing of a mechanical part with the following dimensions and features:

- Overall width: 28
- Distance from left edge to center of hole: 14
- Top-left corner: 4-R 3
- Distance from top edge to center of hole: 20
- Overall height: 40
- Hole diameter: $\phi 9$



1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

UN CONTROLLED

वी ई एम एल BANGALORE
BEML COMPLEX

Technical drawing of a mechanical part with the following dimensions and features:

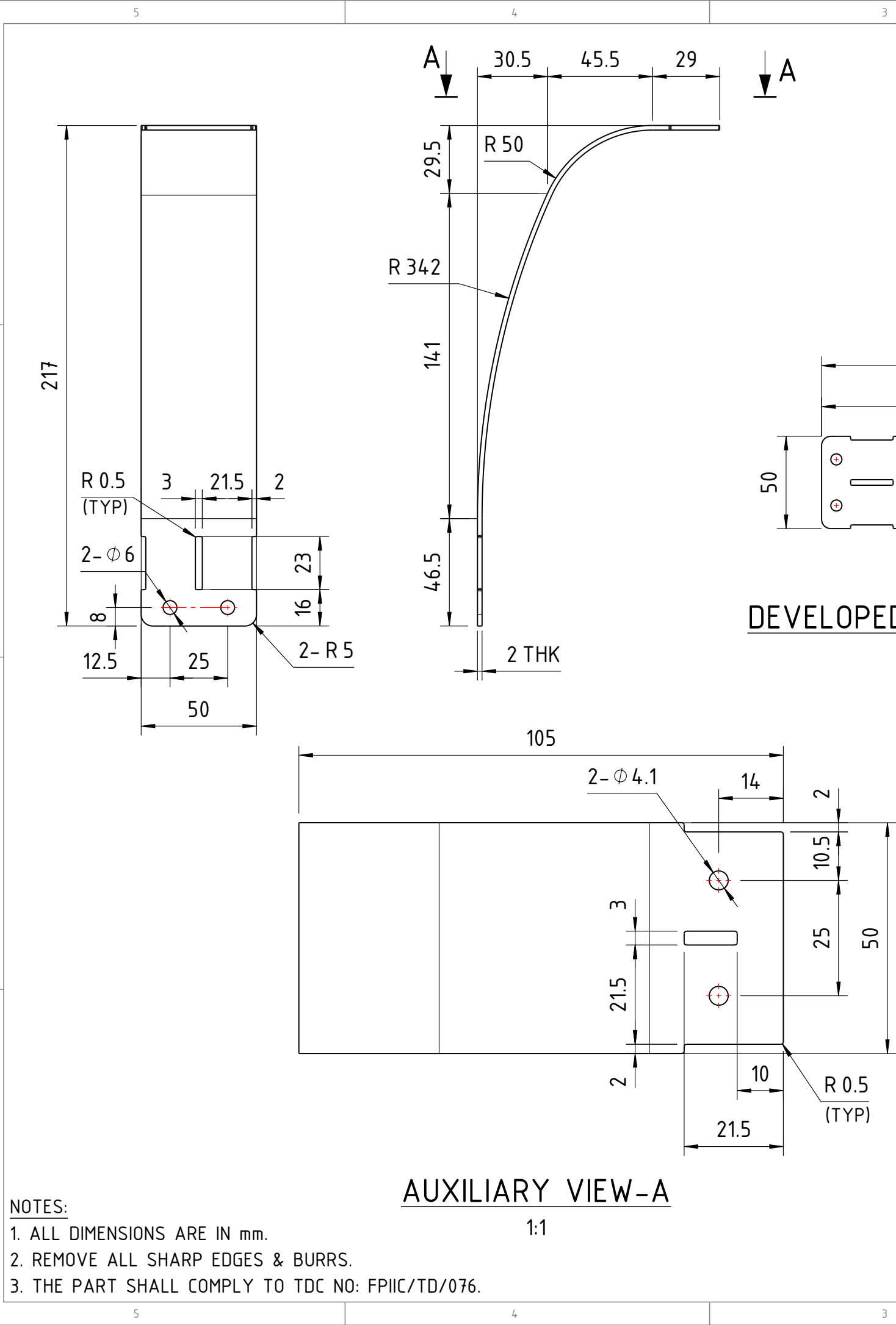
- Overall Dimensions:**
 - Height: 212.5
 - Width: 104.5
- Top Section:**
 - Top edge: R 0.5 (TYP)
 - Horizontal segments: 29, 43.5, 30
 - Vertical segments: 10.5, 10
 - Radius: R 48
- Left Section:**
 - Vertical segments: 1.5, 19, 2.5
 - Radius: R 15
- Right Section:**
 - Vertical segments: 28, 140, 43
 - Radius: R 340
 - Horizontal segments: 20, 13.5
- Bottom Section:**
 - Horizontal segments: 58, 17
 - Radius: R 1
 - Angle: 98.8°

2 THK

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

212.5x104.5x2THK

वी ई एम एल BANGALORE
BEML COMPLEX



MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
		TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3				WELDING PROCESS SHALL BE AS PER EN ISO-4063		STATUS:		PROTO/PRODUCTION		
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947						
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3						INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5				

DEVELOPED VIEW WITH BENDING LINE DETAILS

ISOMETRIC VIEW

UN CONTROLLED

SL.No.		QTY	PART / STOCK No.		DESCRIPTION		276x50x2THK		COMPANY STD./I.S		Wt. (Kg)	
							SIZE (mm)		MATERIAL			
△					PRODUCT		TRAIN B28					
△					REF DRG		---					
△					MATERIAL		SUS 304L / AISI 304L, 2B FINISH					
△					HEAT TREAT.		---		APPD	KRISHNA PRASAD		06.02.26
△					SURFACE TREAT.		---		REVD	KRISHNA PRASAD		06.02.26
△					TITLE				CHKD	SANTOSH KUMAR		06.02.26
△									DRWN	ARTI KUMARI		06.02.26
									SCALE	1:2		Wt.(kg)
									SHEET		1 OF 1	
ALT.No.		ECN No./CHANGES		DATE	BY	CHKD	APPD	BANGALORE COMPLEX		843-16208		ALT
												0

Technical drawing of a rectangular plate. The main view shows a plate with a total width of 50 and a total height of 10. The distance from the left edge to the center of the first hole is 12.5, and the distance between the centers of the two holes is 25. The holes are labeled "2-M5 TAP". A detail view on the right shows a corner of the plate with a chamfer of $2-1 \times 45^\circ$ and a width of 6.

NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

A4

VALUE	50/	25/	12.5/	6.3/	3.2/	1.6/	0.8/	0.4/	0.2/	0.1/	0.05/	0.025/
SYMBOL												
SURFACE FINISH												
ROUGHNESS												

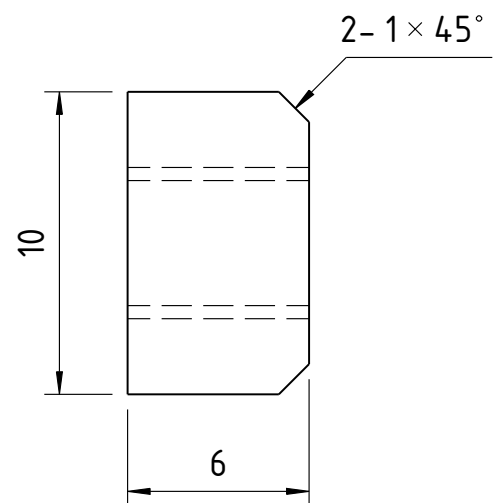
Technical drawing of a mechanical part, showing front and side views with dimensions.

Front View (Left):




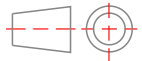



- Overall width: 15
- Overall height: 10
- Distance from left edge to center of hole: 7.5
- Distance from top edge to center of hole: 5
- Hole diameter: M5 TAP

Side View (Right):

- Overall width: 6
- Overall height: 10
- Top edge profile: 2-1 × 45°



1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

		---								15x10x6THK							
SL.No.	QTY	PART / STOCK No.				DESCRIPTION				SIZE (mm)		COMPANY STD./I.S		Wt. (Kg)			
												MATERIAL					
						PRODUCT	TRAIN B28										
						REF DRG											
						MATERIAL	SUS 304L / AISI 304L, 2B FINISH										
						HEAT TREAT.					APPD	KRISHNA PRASAD		09.02.26			
						SURFACE TREAT.					REVD	KRISHNA PRASAD		09.02.26			
						TITLE	RECTANGULAR NUT				CHKD	SANTOSH KUMAR		09.02.26			
											DRWN	ARTI KUMARI		09.02.26			
											SCALE			SHEET	Wt.(kg)		
											4:1			1 OF 1	0.006		
ALT.No.	ECN No./CHANGES				DATE	BY	CHKD	APPD	DRG No.				843-16206				ALT
									BANGALORE COMPLEX								

5

4

3

2

1

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2

GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1

GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2

GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920

VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.

WELDING SHALL BE CARRIED OUT AS PER EN 15085-3

WELDING PROCESS SHALL BE AS PER EN ISO-4063

WELDING SYMBOLS SHALL BE AS PER EN ISO-2553

WELDING POSITIONS SHALL BE AS PER EN ISO 6947

STATUS: **PROTO/PRODUCTION**

QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817

WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3

INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5

125

10

40

25

40

10

5

4-M5 TAP

2-1×45°

10

6

UN CONTROLLED

NOTES:

1. ALL DIMENSIONS ARE IN mm.

2. REMOVE ALL SHARP EDGES & BURRS.

3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

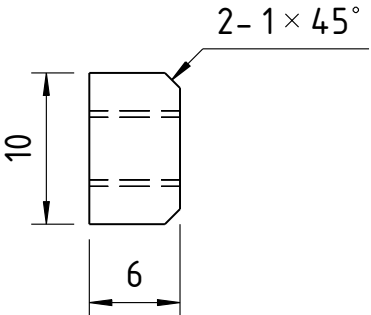
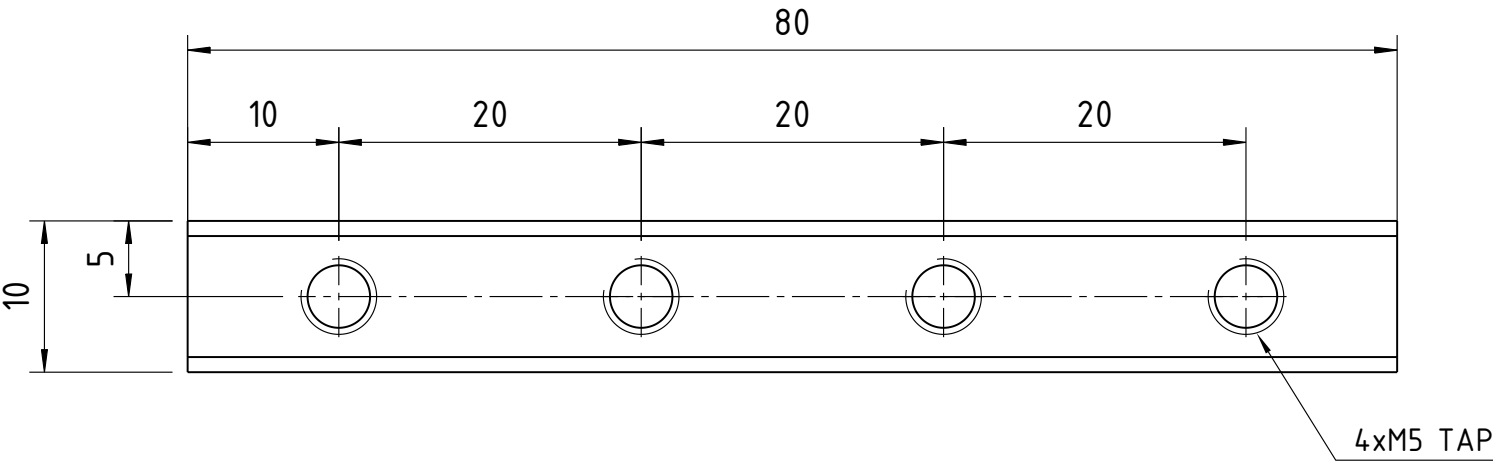
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
				125x10x6THK		
					MATERIAL	
			PRODUCT	TRAIN B28		
			REF DRG	---		
			MATERIAL	SUS 304L / AISI 304L, 2B FINISH		
			HEAT TREAT.	---	APPD	KRISHNA PRASAD 09.02.26
			SURFACE TREAT.	---	REVD	KRISHNA PRASAD 09.02.26
			TITLE		CHKD	SANTOSH KUMAR 09.02.26
					DRWN	ARTI KUMARI 09.02.26
					SCALE	SHEET Wt.(kg)
					2:1	1 OF 1 0.06
ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD	DRG No.
						843-16205
						ALT 0

बी ई एम एल BANGALORE

BEML COMPLEX

A3





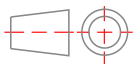


		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.					
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:		PROTO/PRODUCTION			
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947								
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5						



UN CONTROLLED

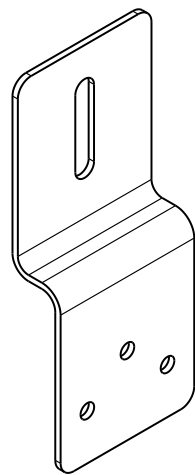
NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

									80x10x6THK				
SL.No.	QTY	PART / STOCK No.	DESCRIPTION						SIZE (mm)	COMPANY STD./I.S Wt. (Kg)			
										MATERIAL			
								PRODUCT	TRAIN B28				
								REF DRG	---				
								MATERIAL	SUS 304L / AISI 304L, 2B FINISH				
								HEAT TREAT. SURFACE TREAT. TITLE	---	APPD	KRISHNA PRASAD	09.02.26	
									---	REVD	KRISHNA PRASAD	09.02.26	
										CHKD	SANTOSH KUMAR	09.02.26	
										DRWN	ARTI KUMARI	09.02.26	
										SCALE		SHEET	Wt.(kg)
										2:1		1 OF 1	0.04
ALT.No.	ECN No./CHANGES	DATE	BY	CHKO	APPO	 BANGALORE COMPLEX				DRG No.		ALT	
										843-16204			

GRADE No.

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.



ISOMETRIC VIEW

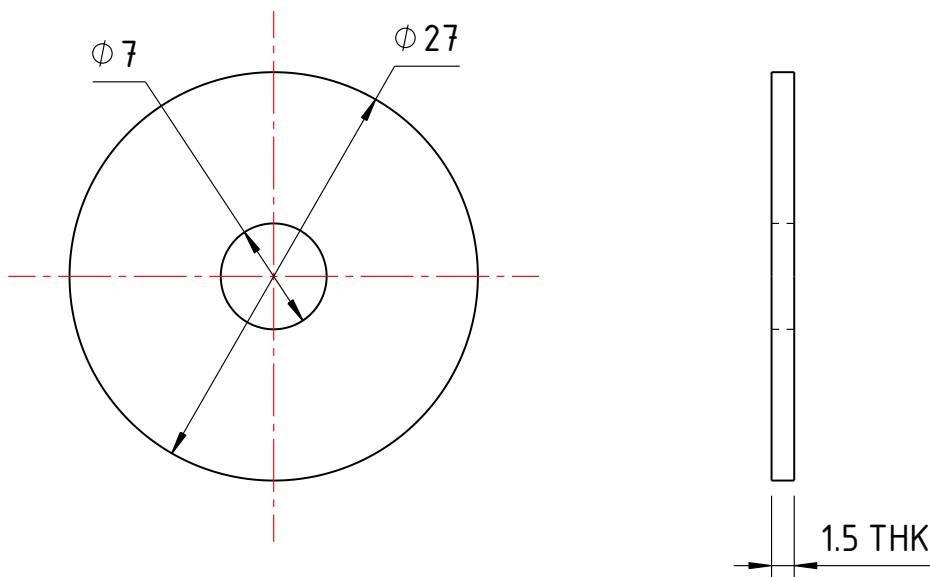
WELDING SHALL BE CARRIED OUT AS PER EN 15085
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WE



				
144 N	150 N (CHANGES)	TE	BY	XD

THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF BEM Limited & CONTAINS CONFIDENTIAL INFORMATION. THIS DOCUMENT OR ITS CONTENTS SHALL NOT BE USED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, WITHOUT PRIOR WRITTEN PERMISSION OF BEM Limited. THIS DOCUMENT & ALL ITS COPIES SHALL BE RETURNED TO BEM Limited ON DEMAND.




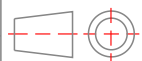


MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:	MOCK-UP/PROTO/PRODUCTION			
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817									
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5					



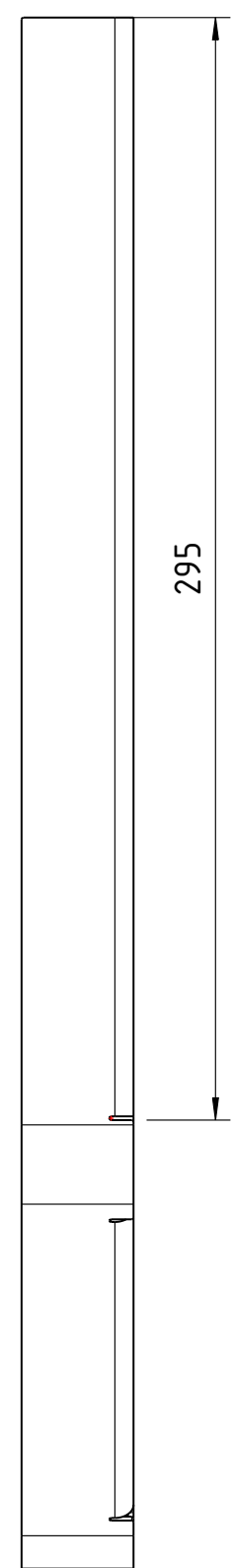
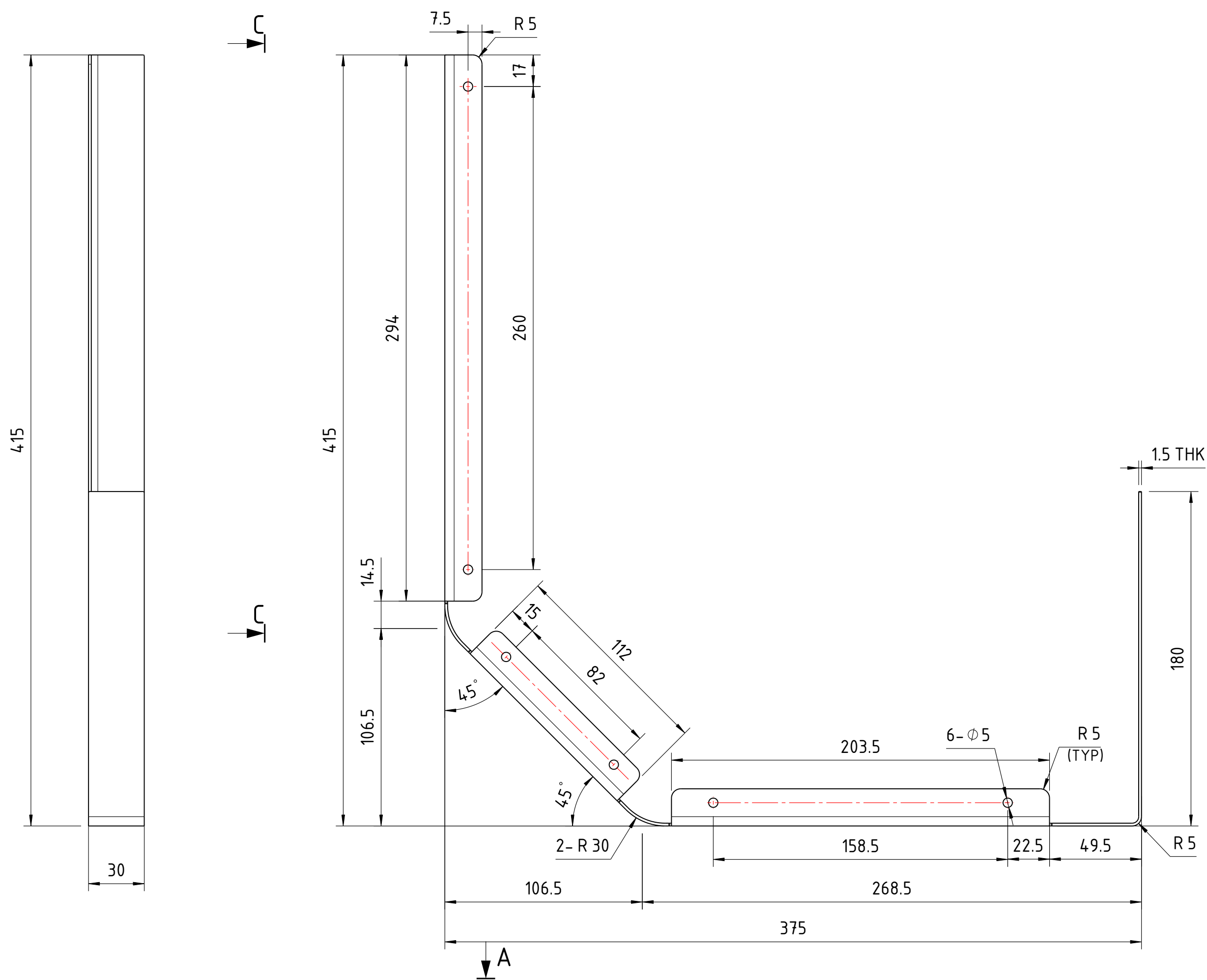
NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

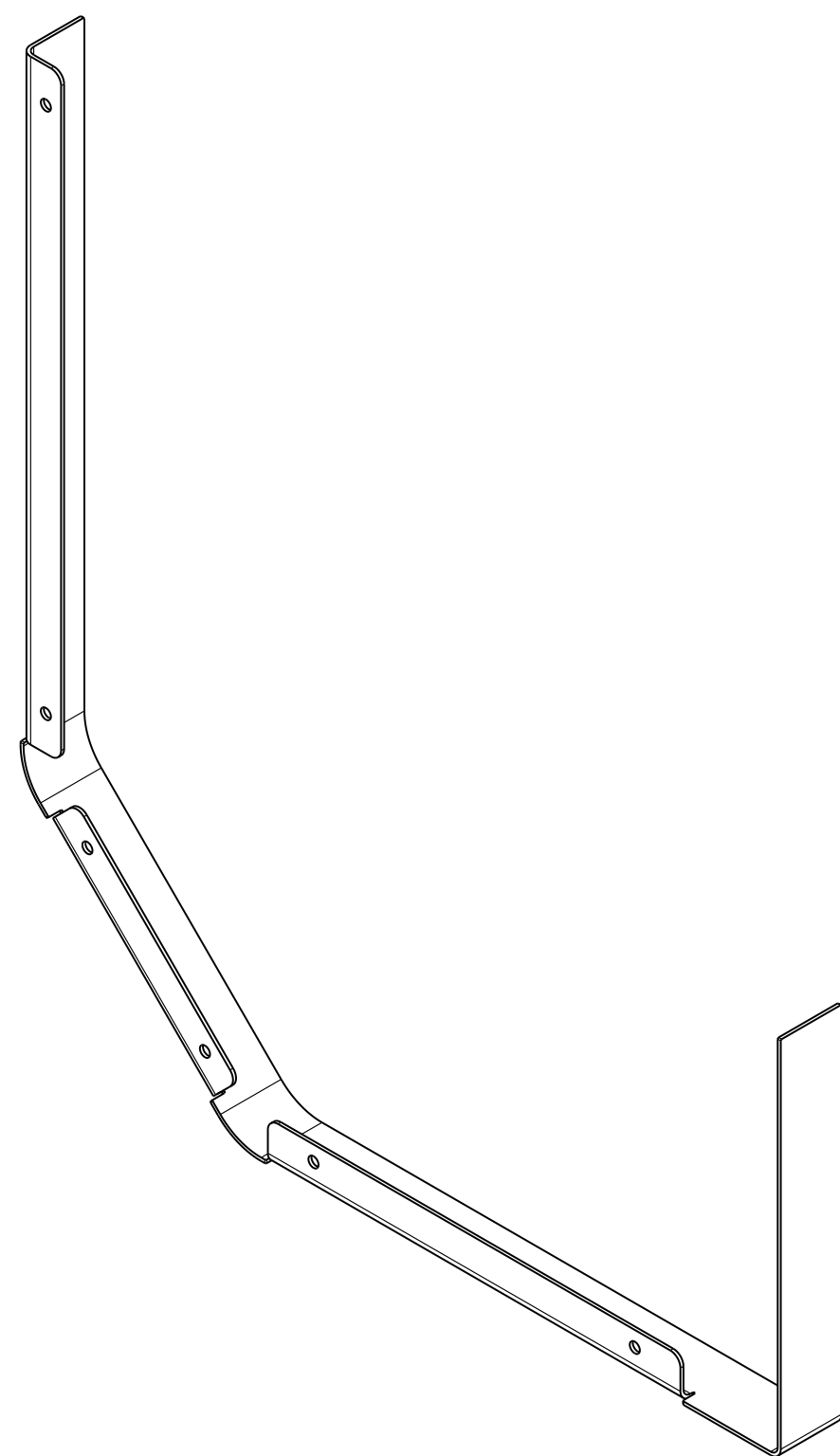
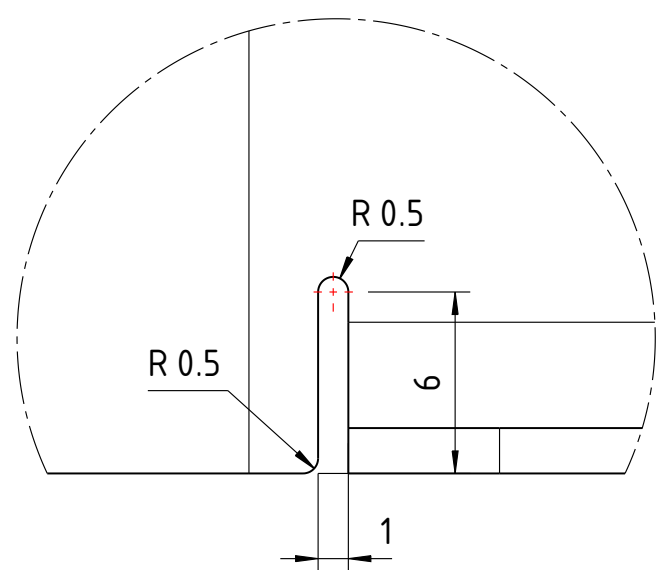
UN CONTROLLED

		---								Ø27x1.5THK			
SL.No.	QTY	PART / STOCK No.				DESCRIPTION	SIZE (mm)	COMPANY STD./I.S		Wt. (Kg)			
								MATERIAL					
						PRODUCT	TRAIN B28						
						REF DRG							
						MATERIAL	SUS 304L / AISI 304L, 2B FINISH						
						HEAT TREAT.		APPD	KRISHNA PRASAD		09.02.26		
						SURFACE TREAT.		REVD	KRISHNA PRASAD		09.02.26		
						TITLE	WASHER	CHKD	SANTOSH KUMAR		09.02.26		
								DRWN	ARTI KUMARI		09.02.26		
								SCALE		SHEET	Wt.(kg)		
								2:1		1 OF 1	0.006		
ALT.No.	ECN No./CHANGES				DATE	BY	CHKD	APPO	DRG No.		ALT		
									843-16189				
						BANGALORE COMPLEX							

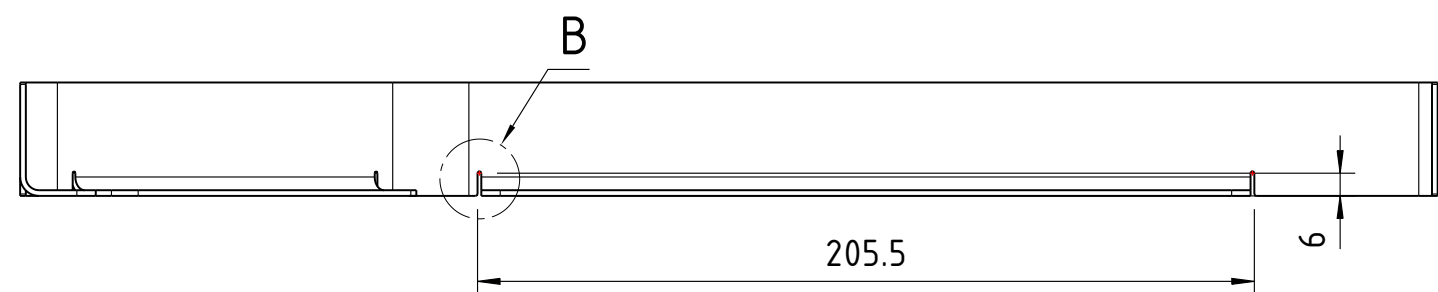
3		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
CLASS - MEDIUM	TOLERANCE		±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302				
WELDING SHALL BE CARRIED OUT AS PER ISO 5008-3 WELDING PROCESS SHALL BE AS PER ISO 4063						PROTO PRODUCTION				
WELDING SYMBOL SHALL BE AS PER EN ISO 2553 WELDING TIGHTNESS SHALL BE AS PER EN ISO 6947										
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 5085-3 INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER ISO 5085-5										



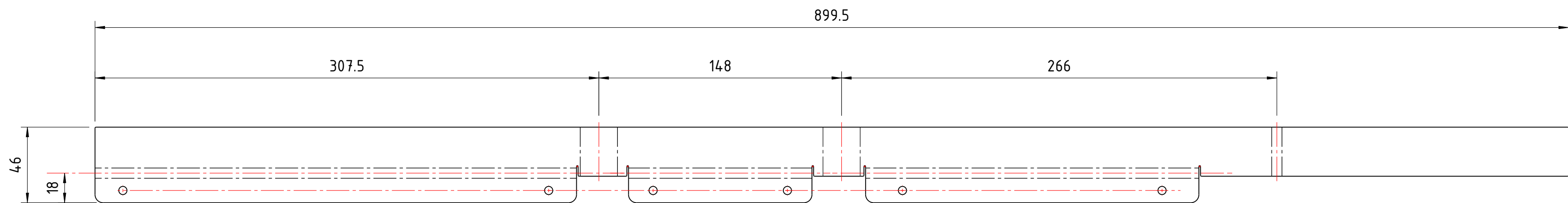
Auxiliary view-C

ISOMETRIC VIEW

DETAIL-B
4:1












AUXILIARY VIEW-A



DEVELOPED VIEW WITH BENDING LINE DETAILS

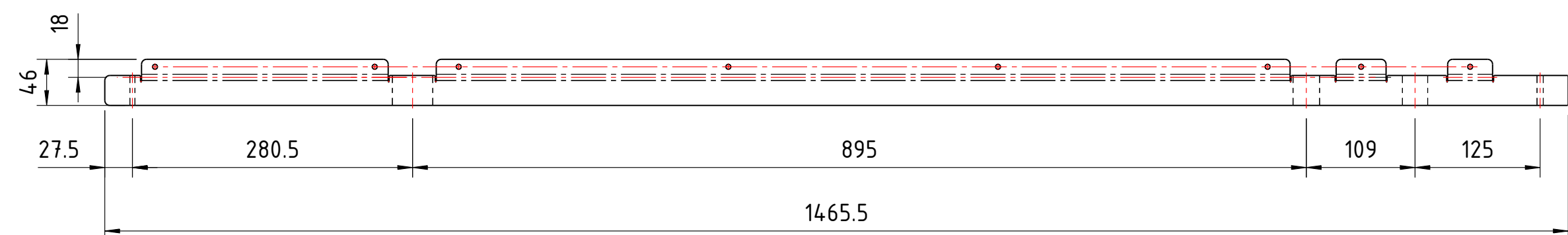
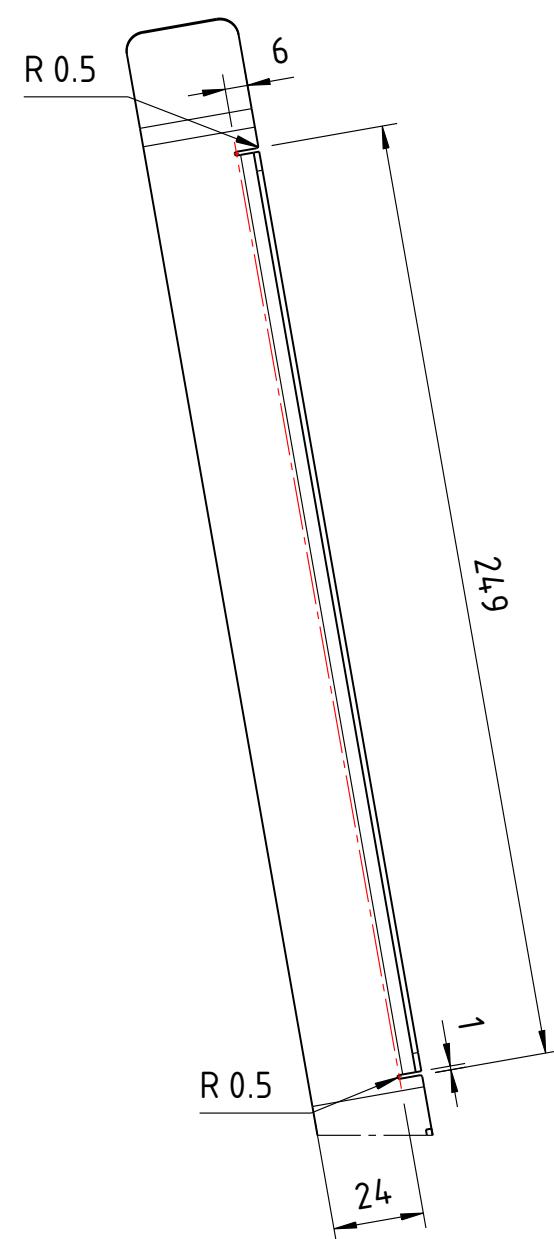
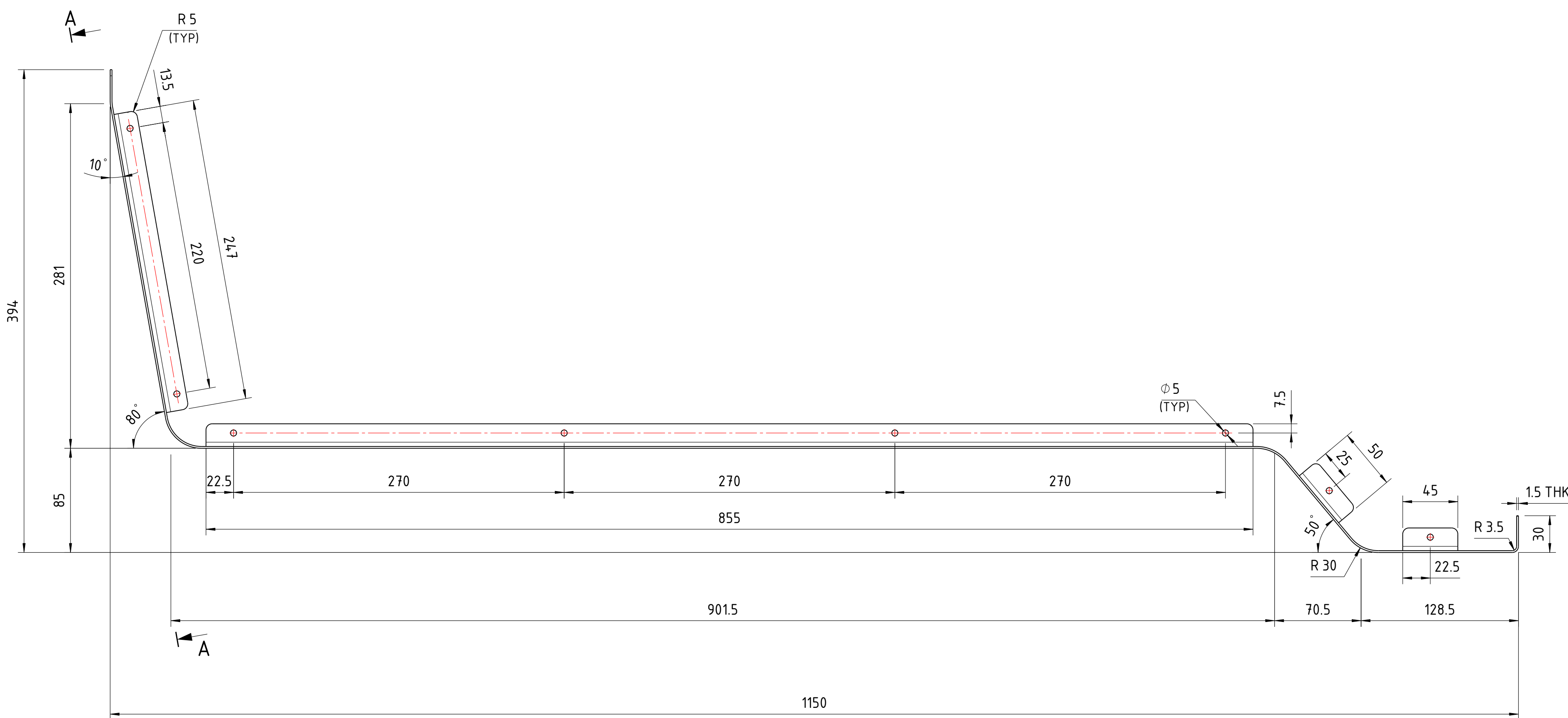
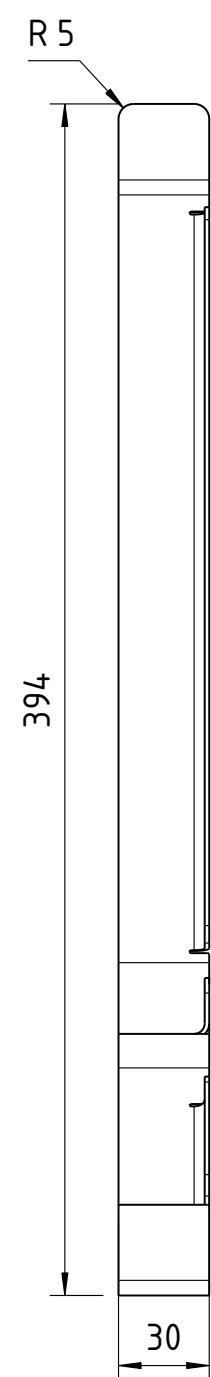
UN CONTROLLED

SL.NO	PART NO	DESCRIPTION
1	843-16167-300	AS DRAWN
2	843-16167-301	OPP HAND DRAWN

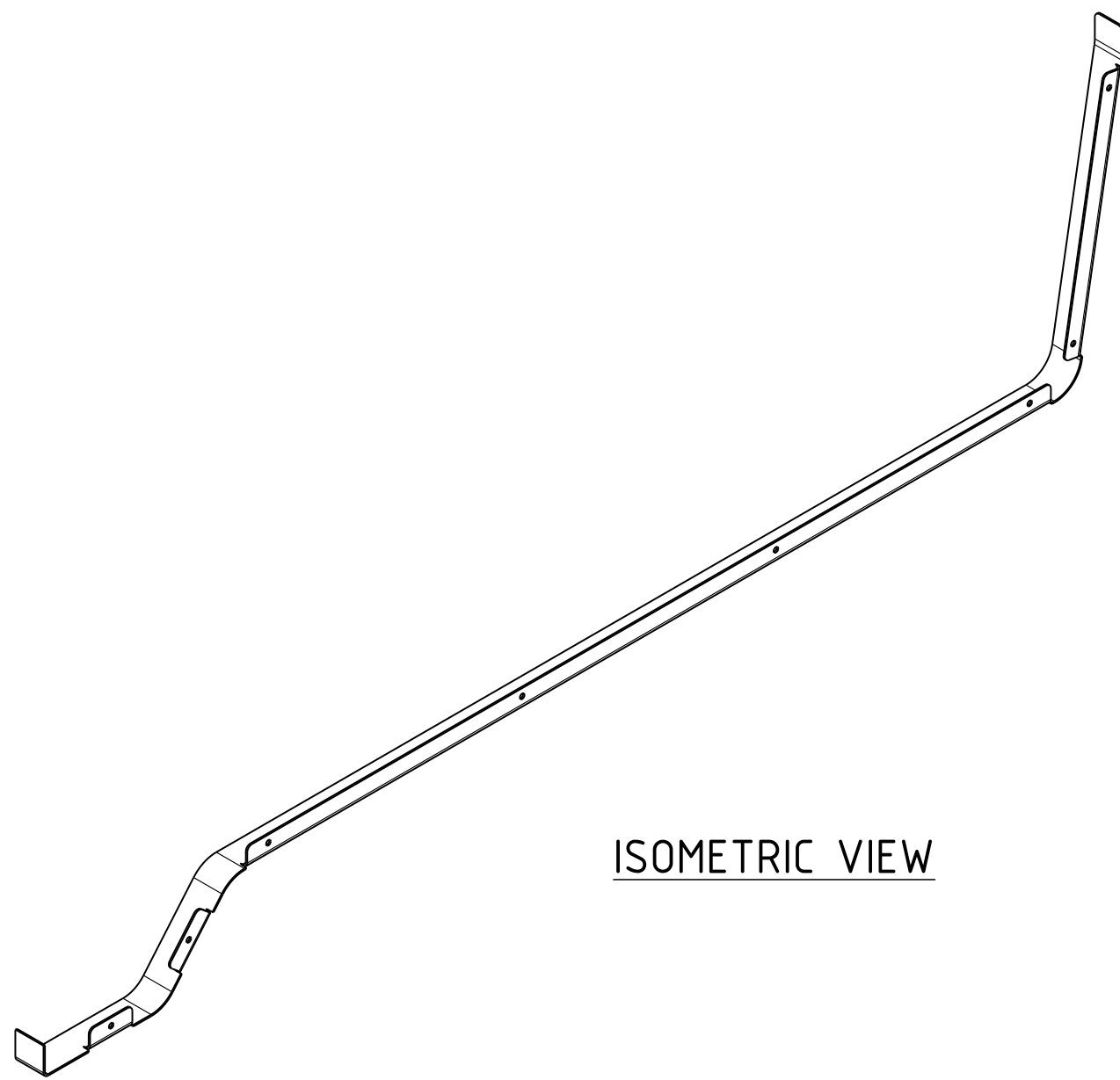
									899.5x46x15THK			
SL.No.	QTY	PART / STOCK No.			DESCRIPTION			SIZE (mm)	COMPANY STD./SIS	Wt. (Kg)		
									MATERIAL			
					PRODUCT							
					REF DRG	--						
					MATERIAL	SUS 304L / AISI 304L, 2B FINISH						
					HEAT TREAT		APPD	KRISHNA PRASAD	07.02.26			
					SURFACE TREAT		RCHD	KRISHNA PRASAD	07.02.26			
					TITLE		CWKV	SANTOSH KUMAR	07.02.26			
							DHRN	ARTI KUMARI	07.02.26			
							SCALE	 	SHEET	Wt.(kg)		
							1:2	1 OF 1	0.44			
ALT.No	ECN No./CHANGES			DATE	BY	CWG	APPD	DRG No.			ALT	
3								BANGALORE  COMPLEX			7843-16167	
												
3				2				1				A

3		2				1													
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE		0.5 - 3		3 - 6		6 - 30		30 - 120		120 - 400		400 - 1000		1000 - 2000		2000 - 4000	
CLASS - MEDIUM		TOLERANCE		±0.1		±0.1		±0.2		±0.3		±0.5		±0.8		±1.2		±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1										GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2									
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920										VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1392									
WELDING SHALL BE CARRIED OUT AS PER EN ISO 9589-3										WELDING PROCESS SHALL BE AS PER EN ISO 4063									
WELDING JOINTS SHALL BE AS PER EN ISO 2553										WELDING POSITIONS SHALL BE AS PER EN ISO 6947									
QUALITY LEVEL FOR IMPERFECTIONS IN FUSED WELDED JOINTS SHALL BE AS PER EN ISO 8187										STATUS									
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 9589-1										INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN ISO 5808-5									

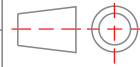
PROTO/PRODUCTION



DEVELOPED VIEW WITH BENDING LINE DETAILS

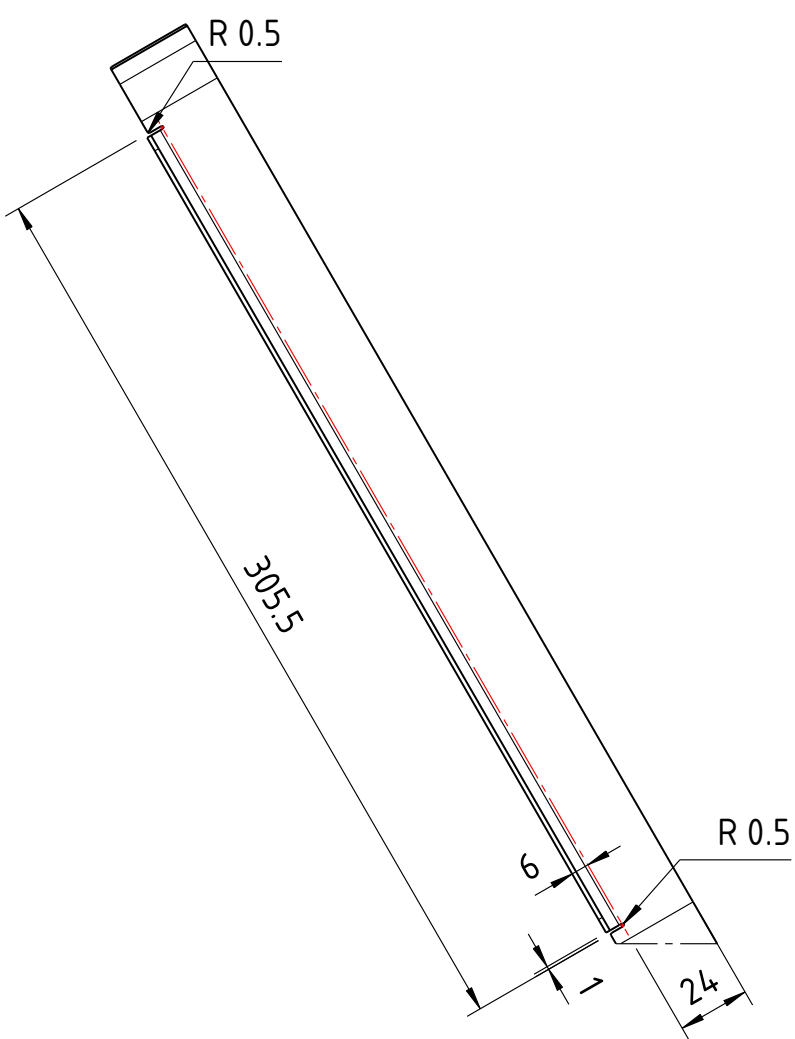


ISOMETRIC VIEW

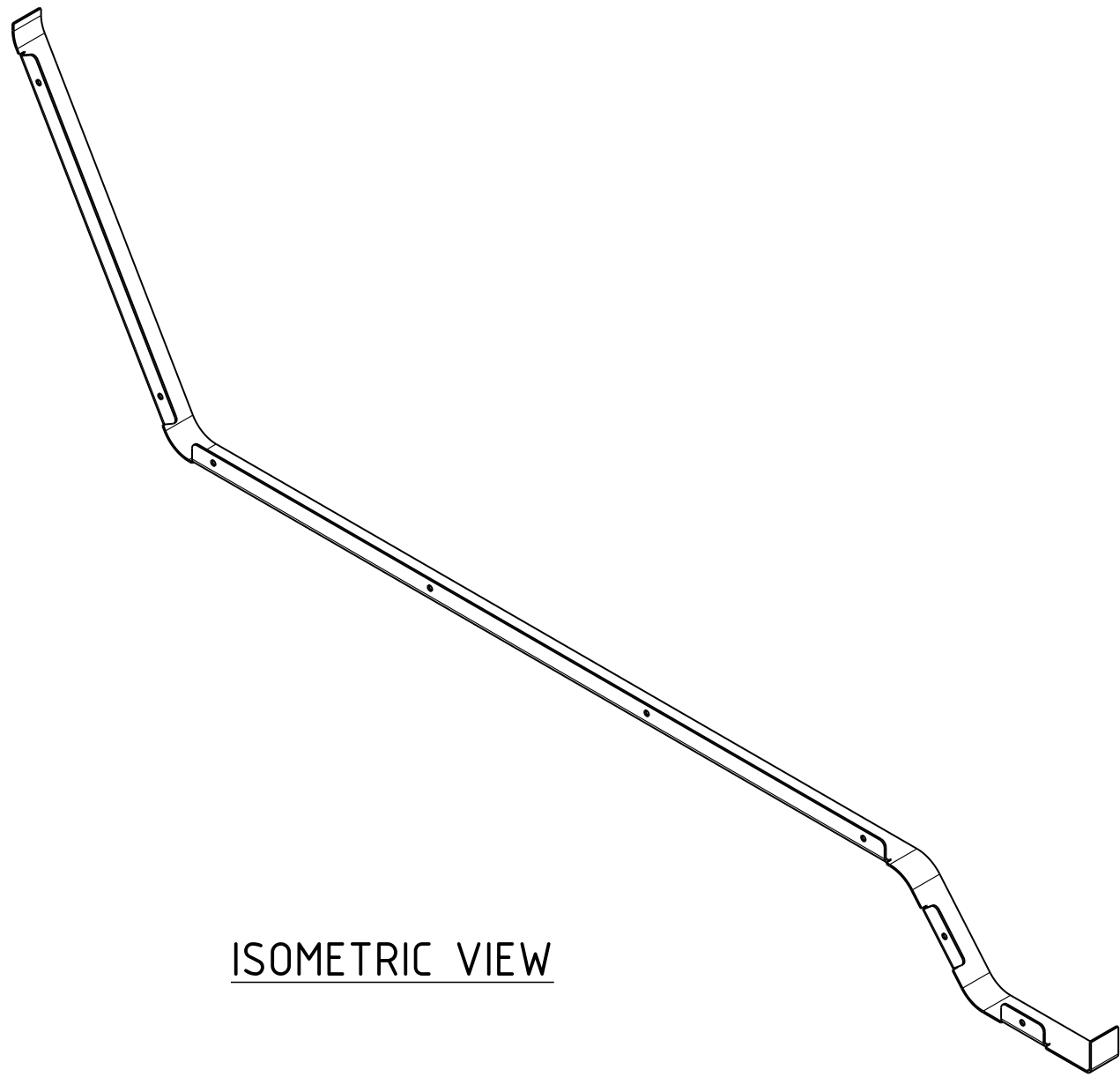
						1665.5x46x15THK			
SL.No.	QTY	PART / STOCK No.			DESCRIPTION		SIZE (mm)	COMPANY STOCK / IS	Wt. (Kg)
							MATERIAL		
△					PRODUCT				
					REF. DRG	---			
△					MATERIAL	SUS 304L / AISI 304L, 2B FINISH			
					HEAT TREAT.	APPD	KRISHNA PRASAD	09.02.26	
					SURFACE TREAT.	REV D	KRISHNA PRASAD	09.02.26	
△					TITLE	CHKD	SANTOSH KUMAR	09.02.26	
						DRWN	ARTI KUMARI	09.02.26	
△						SCALE		SHEET	Wt (kg)
						2.5	1 OF 1	0.75	
ALT.No.		ECN No./CHANGES		DATE	BY	BANGALORE		ALT	
						COMPLEX			0

NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

[illegible]

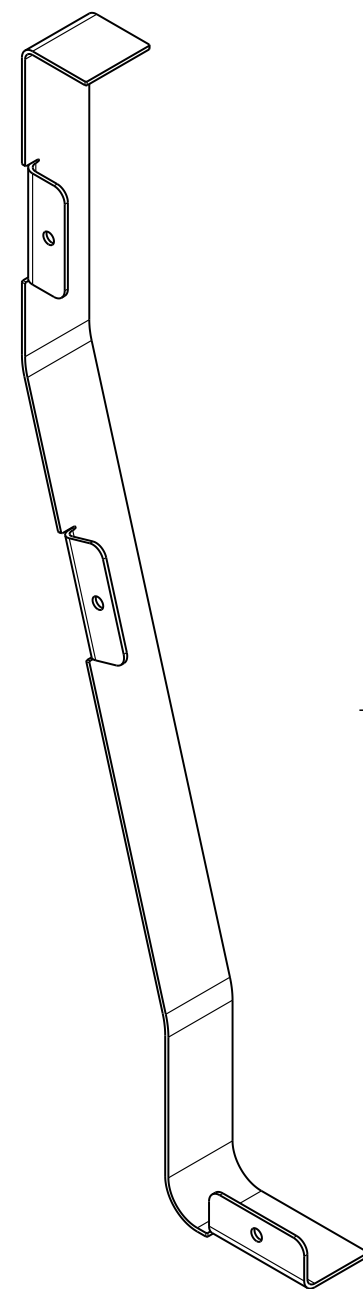
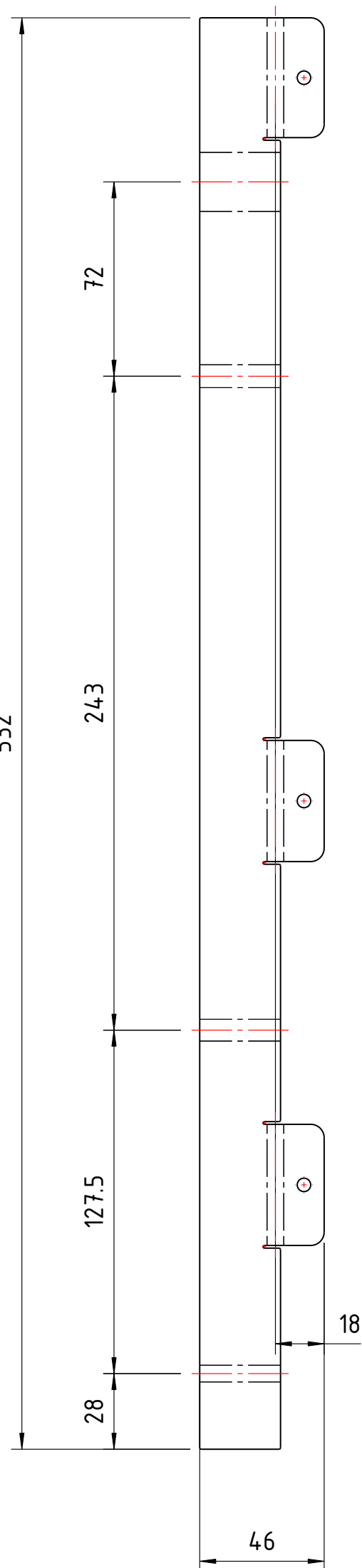
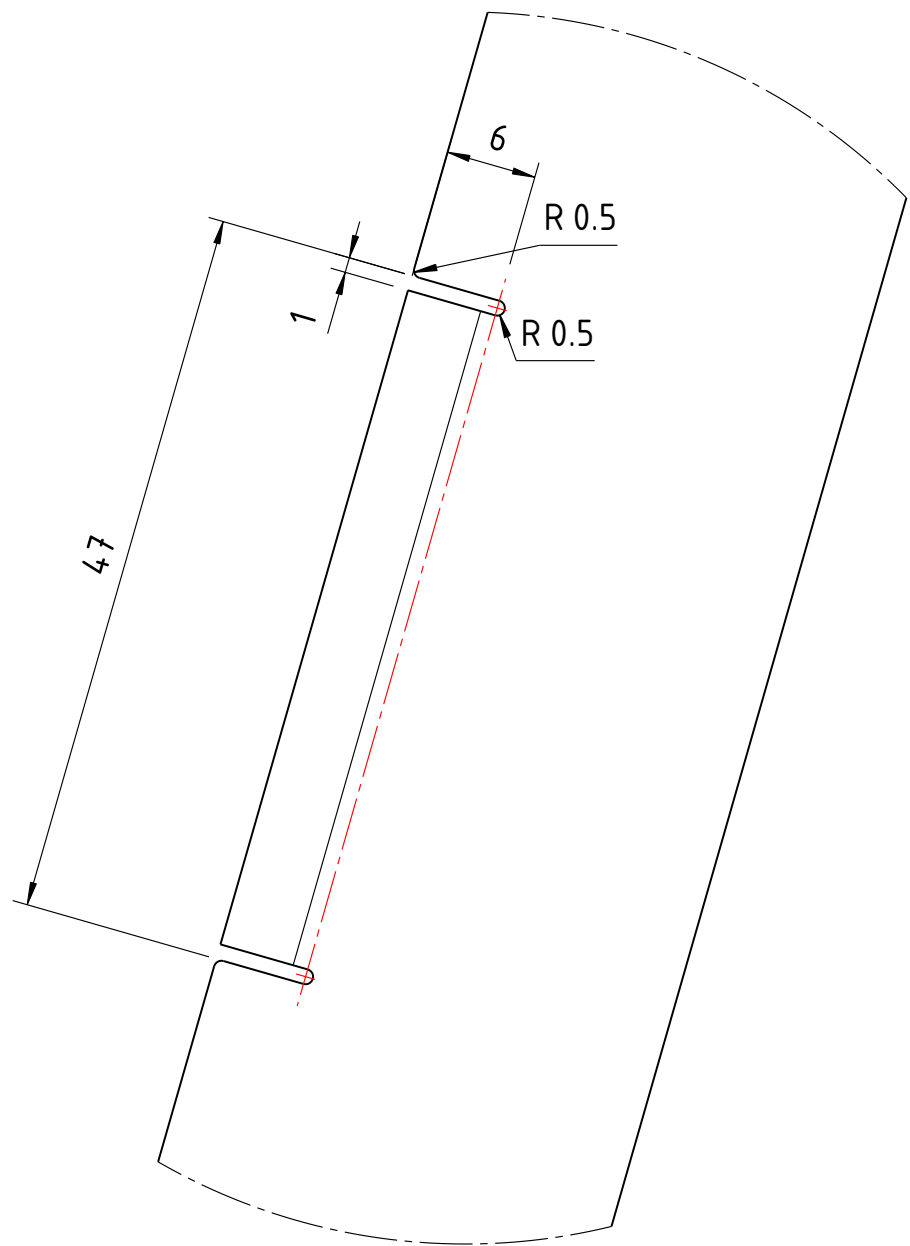
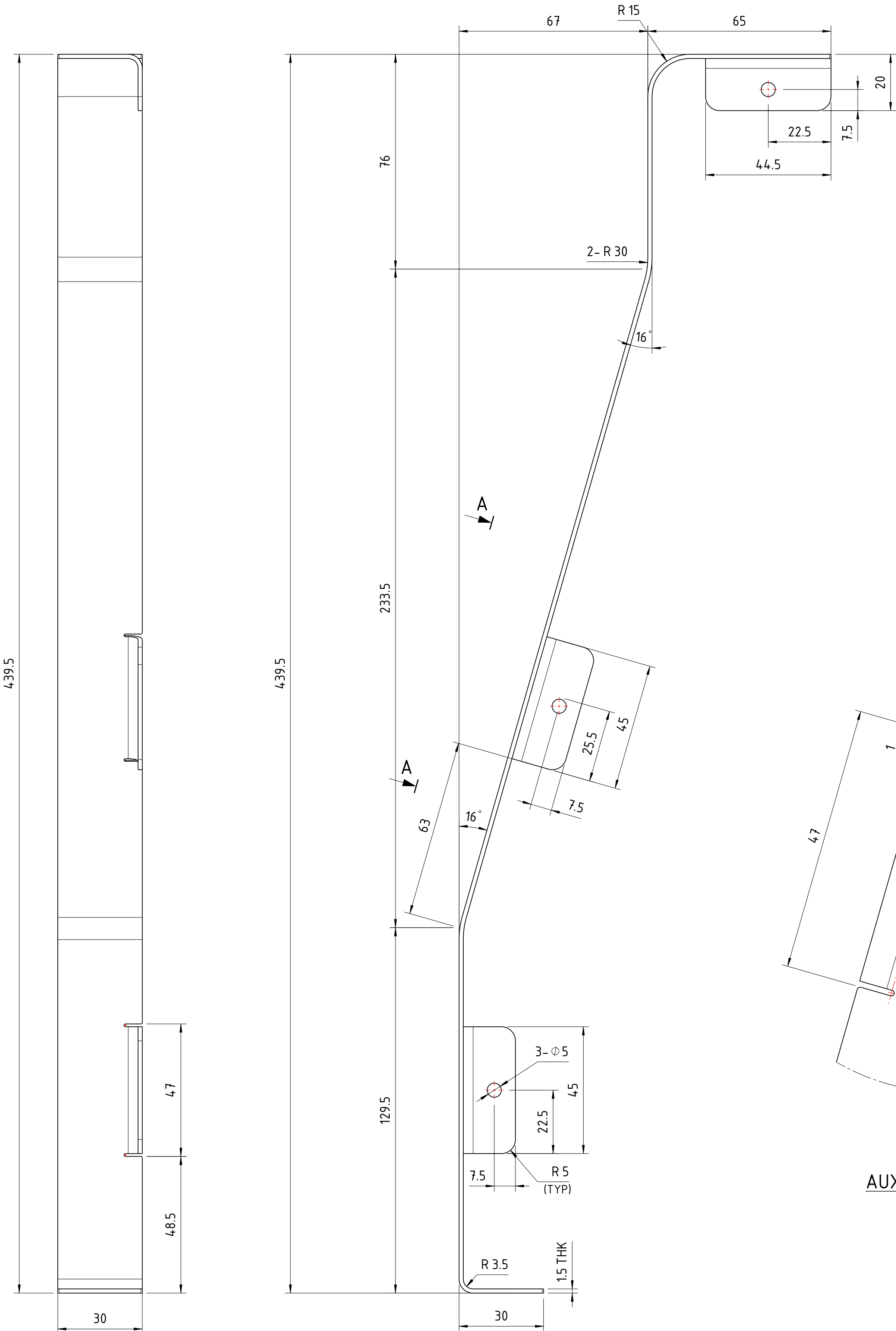
DEVELOPED VIEW WITH PENDING LINE DETAILS



UN CONTROLLED

BRACKET

3				2				1	
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS		RANGE		0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000
CLASS - MEDIUM		TOLERANCE		±0.1	±0.1	±0.2	±0.3	±0.5	±0.8
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1		GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920		GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2		VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302			
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920		WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING PROCESS SHALL BE AS PER EN ISO 4063		WELDING SYMBOLS SHALL BE AS PER EN ISO 2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947	
WELDING SYMBOLS SHALL BE AS PER EN ISO 2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947		QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817		WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3		INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5	
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817		WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3		INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5		STATUS:		PROTO/PRODUCTION	



ISOMETRIC VIEW

SL.NO	PART NO	DESCRIPTION
1	843-16186-300	AS DRAWN
2	843-16186-301	OPP HAND DRAWN

		-		532x46x1.5THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)	COMPANY STD./I/S
						MATERIAL	
				PRODUCT			
				REF. DRG			
				MATERIAL		SUS 304L / AISI 304L, 2B FINISH	
				HEAT TREAT.			
				SURFACE TREAT.			
				TITLE			
				BRACKET			
				BANGALORE COMPLEX			
				SCALE		SHEET	
				1:1		1 of 1	
				DRG No.		843-16164	
				ALT		0	

- NOTES:
1. ALL DIMENSIONS ARE IN mm.
 2. REMOVE ALL SHARP EDGES & BURRS.
 3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

UN CONTROLLED

COPY RIGHT & CONFIDENTIAL:

THIS DOCUMENT IS THE EXCLUSIVE PROPERTY OF BEM, Limited & CONTAINS CONFIDENTIAL INFORMATION.
THIS DOCUMENT OR ITS CONTENTS SHALL NOT BE USED, REPRODUCED OR DISCLOSED IN WHOLE OR IN PART, WITHOUT PRIOR WRITTEN PERMISSION OF BEM, Limited ON BEHALD.

GRADE No.
VALUE
SYMBOL
SURFACE
ROUGHNESS

F
E
D
C
B
A

87

76

65

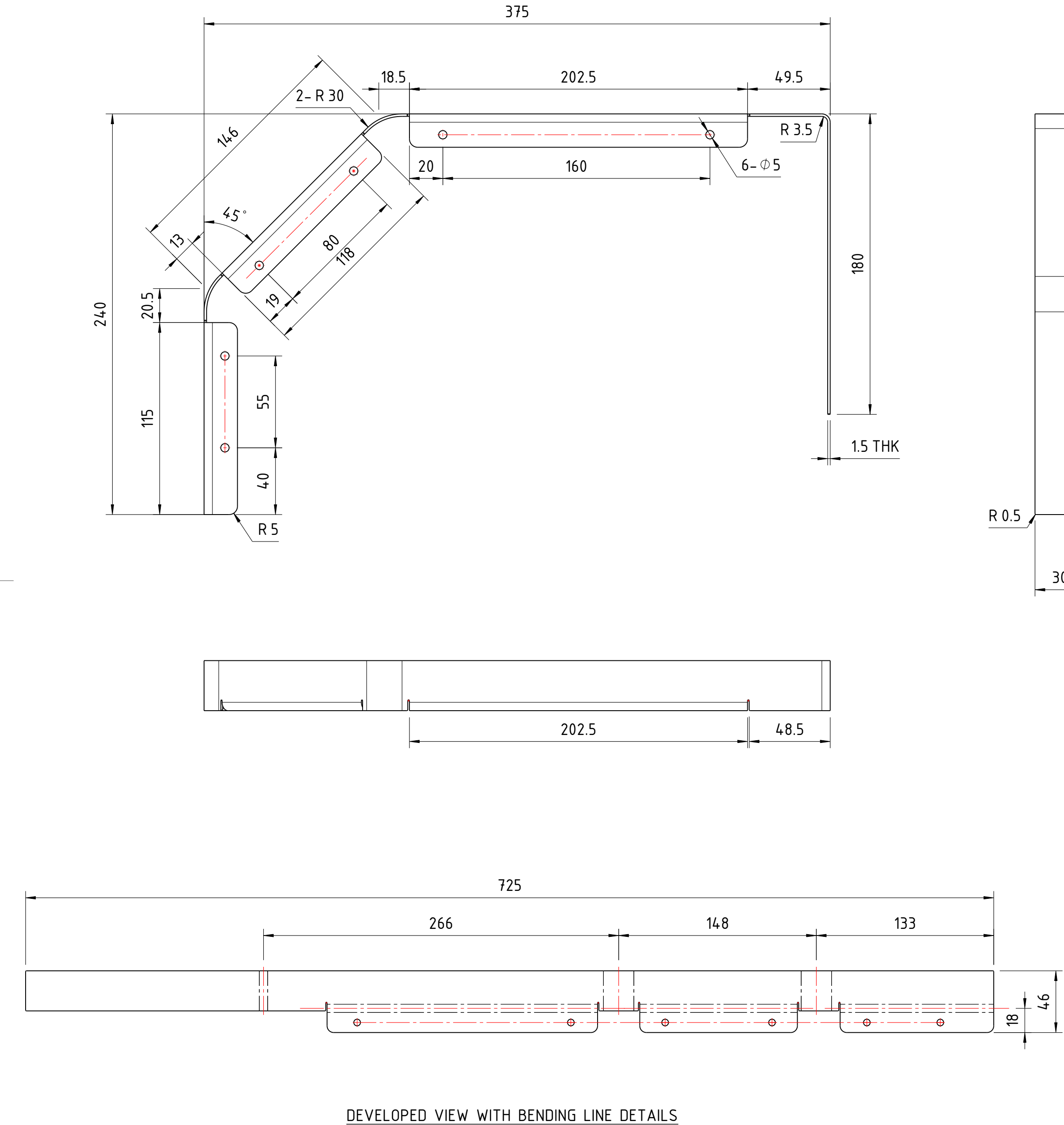
54

43

32

21

10

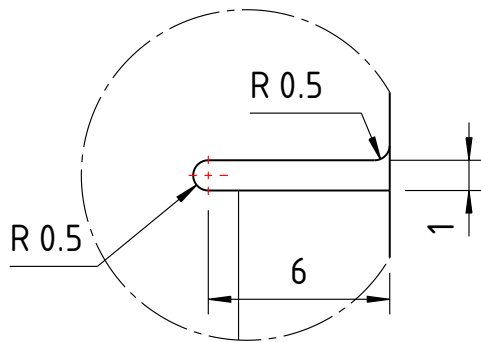
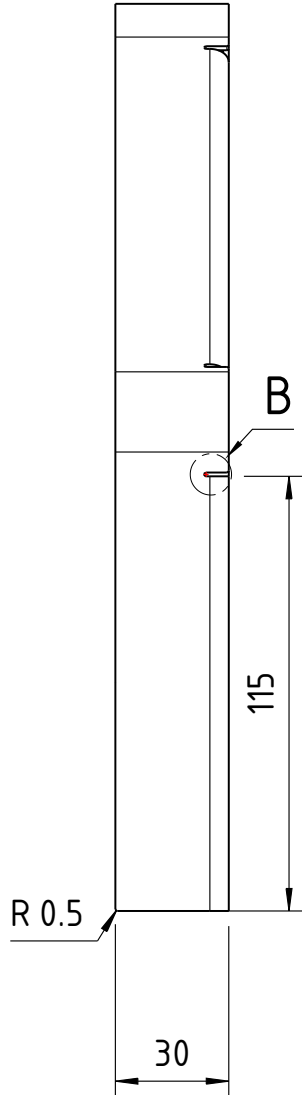


DEVELOPED VIEW WITH BENDING LINE DETAILS

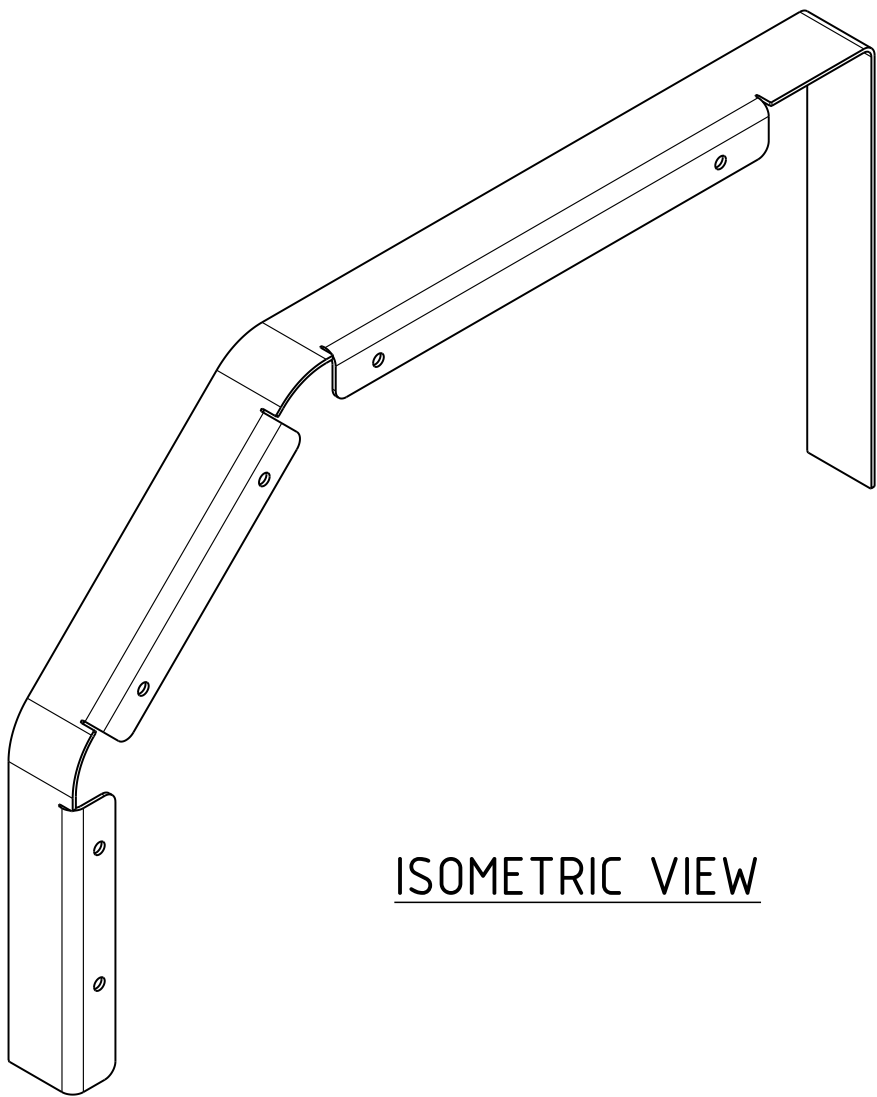
UN CONTROLLED

- NOTES:
- ALL DIMENSIONS ARE IN mm.
 - REMOVE ALL SHARP EDGES & BURRS.
 - THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS: PROTO/PRODUCTION			
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947						
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817			WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3						
					INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5				



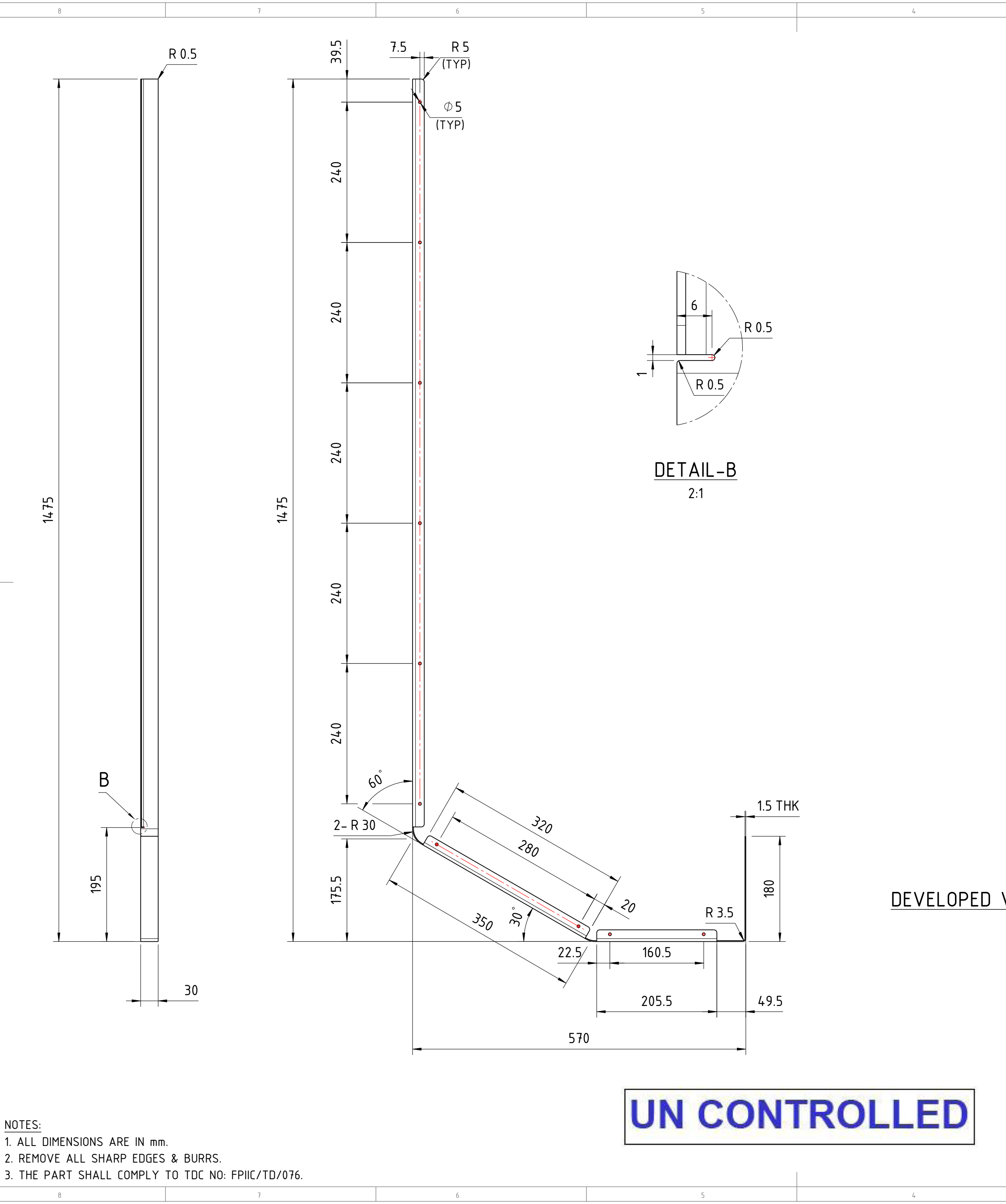
DETAIL-B
4:1



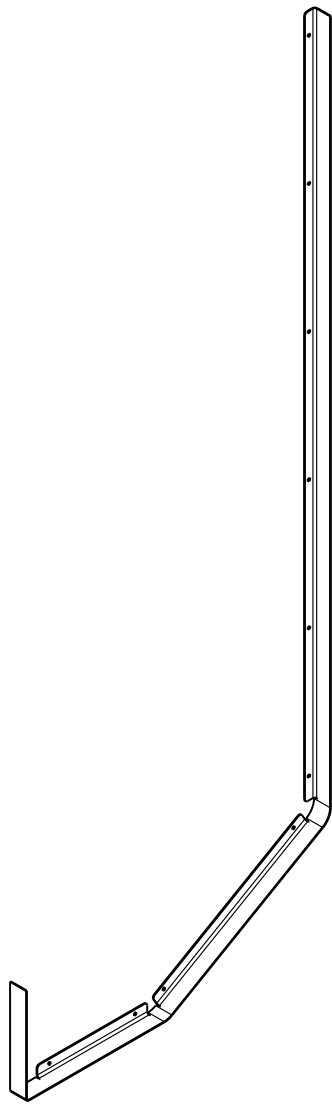
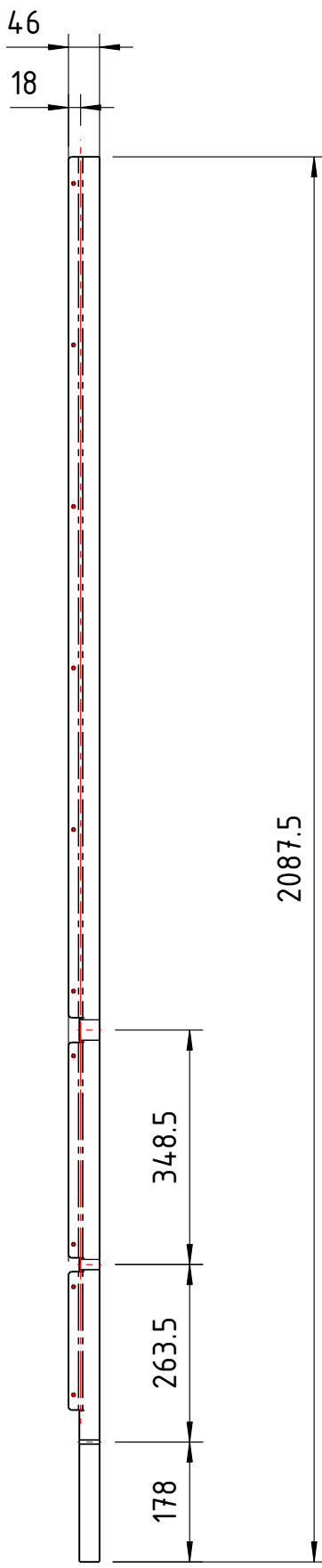
ISOMETRIC VIEW

		----		725x46x1.5THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION	SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
△				PRODUCT	TRAIN B28		
				REF DRG	---		
△				MATERIAL	SUS 304L / AISI 304L, 2B FINISH		
				HEAT TREAT.	---	APPD	KRISHNA PRASAD 07.02.26
△				SURFACE TREAT.	---	REVD	KRISHNA PRASAD 07.02.26
				TITLE	BRACKET		
△				DRWN	ARTI KUMARI 07.02.26		
				SCALE	1:2	SHEET	1 OF 1
ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD	DRG No.	843-16163
				BANGALORE COMPLEX		ALT	0

A2



		2					1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.					
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:		PROTO/PRODUCTION		
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3					INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5					




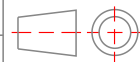



ISOMETRIC VIEW

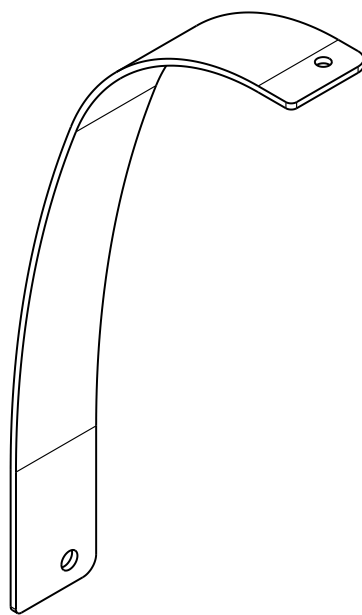
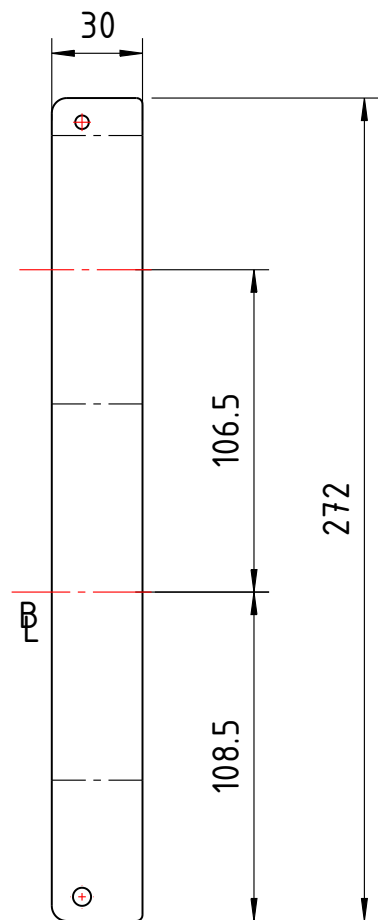
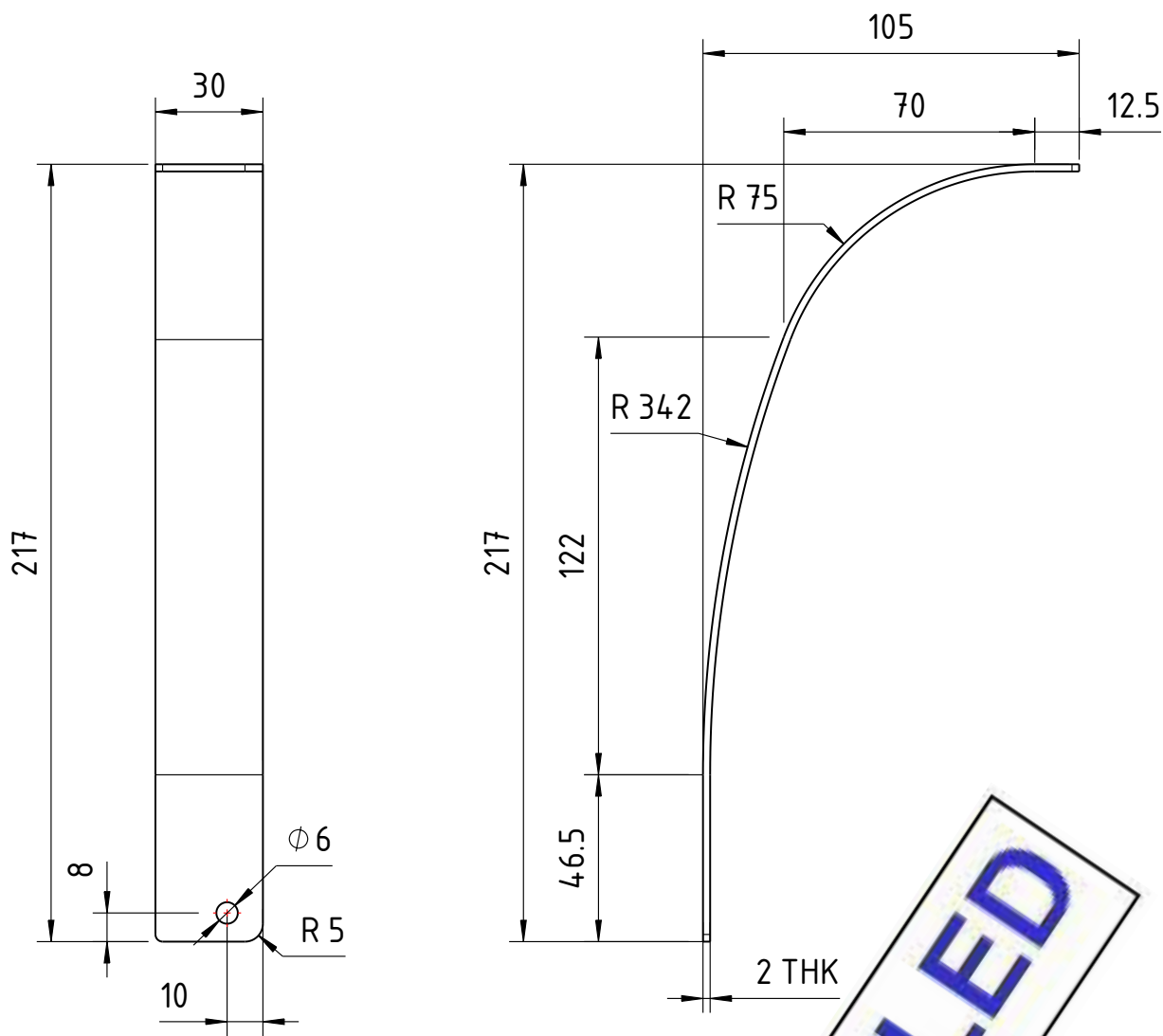
DEVELOPED VIEW WITH BENDING LINE DETAILS

UN CONTROLLED

- NOTES:
- ALL DIMENSIONS ARE IN mm.
 - REMOVE ALL SHARP EDGES & BURRS.
 - THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

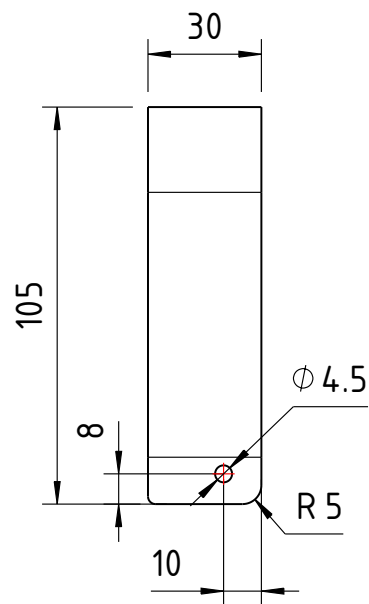
		-----		2087.5x46x1.5THK						
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)		
							MATERIAL			
					PRODUCT	TRAIN B28				
					REF DRG	--				
					MATERIAL	SUS 304L / AISI 304L, 2B FINISH				
					HEAT TREAT.	--	APPD	KRISHNA PRASAD	07.02.26	
					SURFACE TREAT.	--	REVD	KRISHNA PRASAD	07.02.26	
					TITLE	BRACKET	CHKD	SANTOSH KUMAR	07.02.26	
							DRWN	ARTI KUMARI	07.02.26	
							SCALE		SHEET	Wt.(kg)
							1.5	1 OF 1	1.1	
ALT.No.	ECN No./CHANGES		DATE	BY	CHKD	APPD	DRG No.		ALT	
							843-16162			
							BANGALORE COMPLEX		0	

		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000	
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2					
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.					
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING PROCESS SHALL BE AS PER EN ISO-4063				STATUS:	PROTO/PRODUCTION			
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947								
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5						







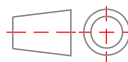


ISOMETRIC VIEW

DEVELOPED VIEW WITH BENDING LINE DETAILS

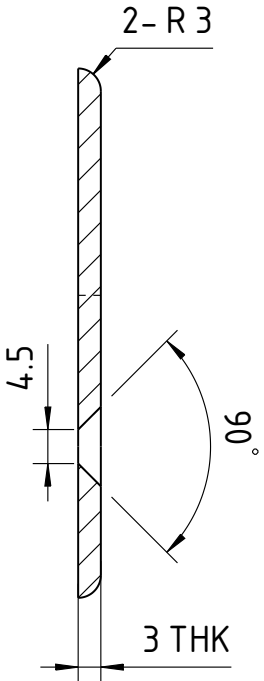
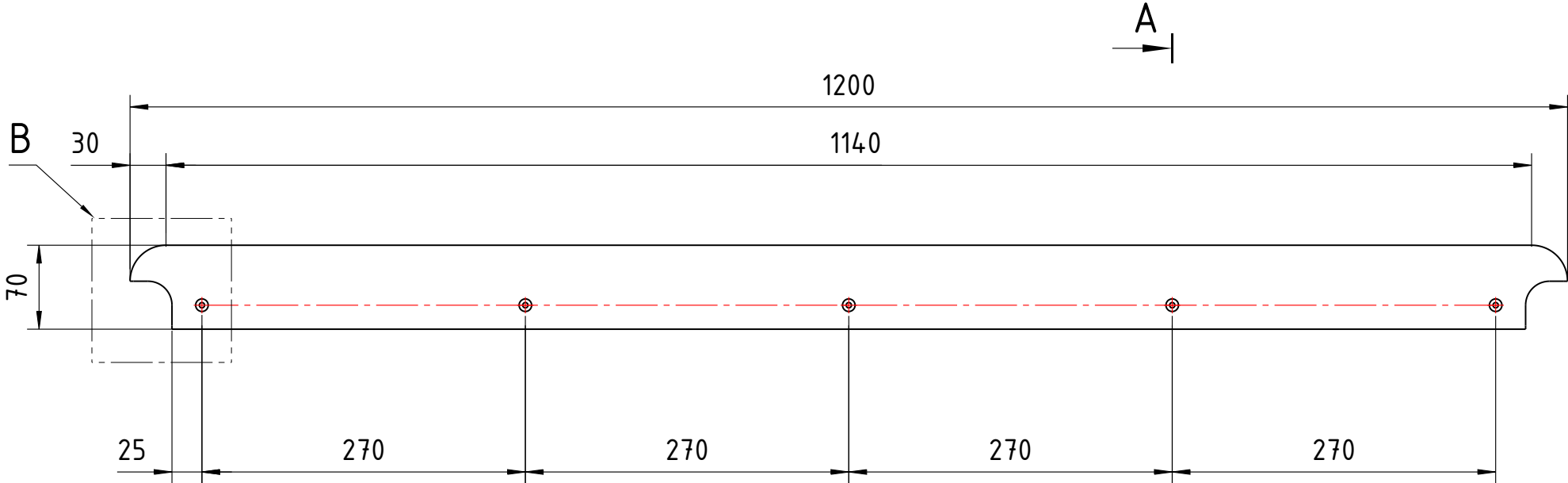


NOTES:

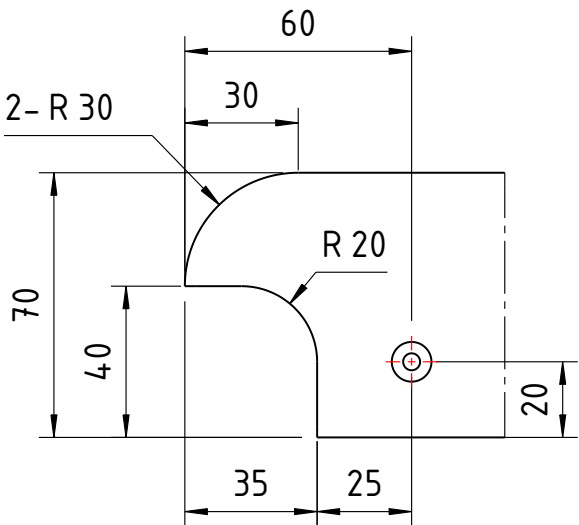
1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

		---								272x30x2THK			
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./I.S		Wt. (Kg)						
					MATERIAL								
					PRODUCT	TRAIN B28							
					REF DRG	---							
					MATERIAL	SUS 304L / AISI 304L, 2B FINISH							
					HEAT TREAT.	---	APPD	KRISHNA PRASAD		14.03.26			
					SURFACE TREAT.	---	REVD	KRISHNA PRASAD		14.03.26			
					TITLE	BRACKET	CHKD	SANTOSH KUMAR		14.03.26			
							DRWN	ARTI KUMARI		14.03.26			
							SCALE		SHEET	Wt.(kg)			
							1:5		1 OF 1	0.13			
ALT.No.	ECN No./CHANGES		DATE	BY	CHKD	APPD	DRG No.		845-16164		ALT		
								BANGALORE COMPLEX					

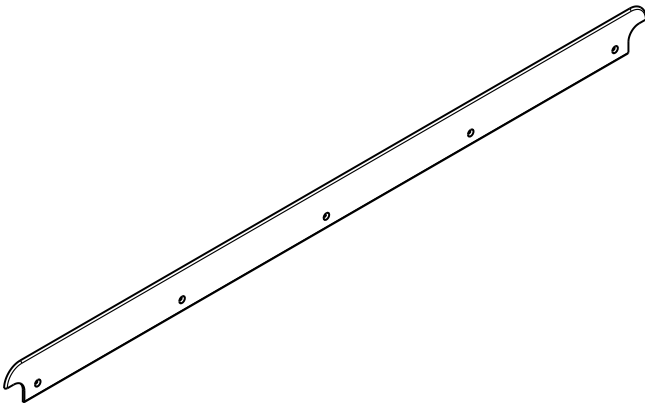
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 – 3	3 – 6	6 – 30	30 – 120	120 – 400	400 – 1000	1000 – 2000	2000 – 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:	PROTO/PRODUCTION		
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947						
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817									
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3				INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5					



SECTION A-A
1:1



DETAIL-B
1:2



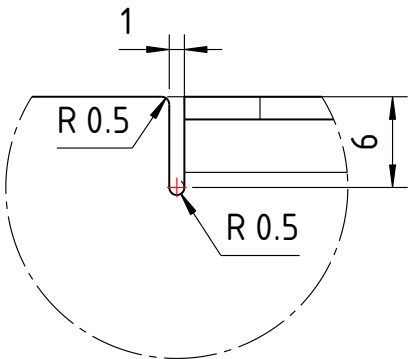
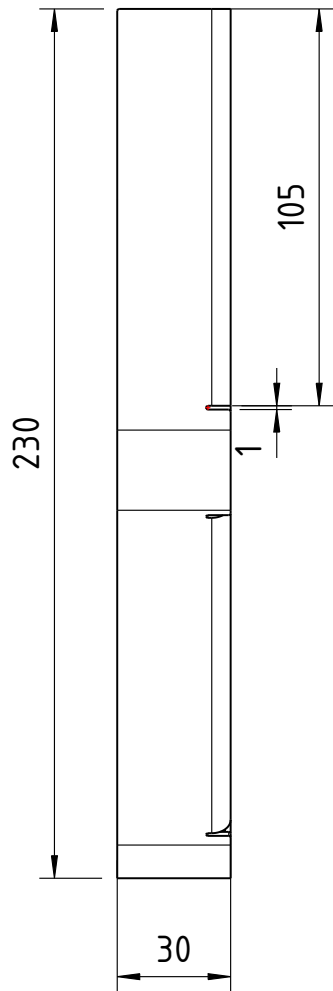
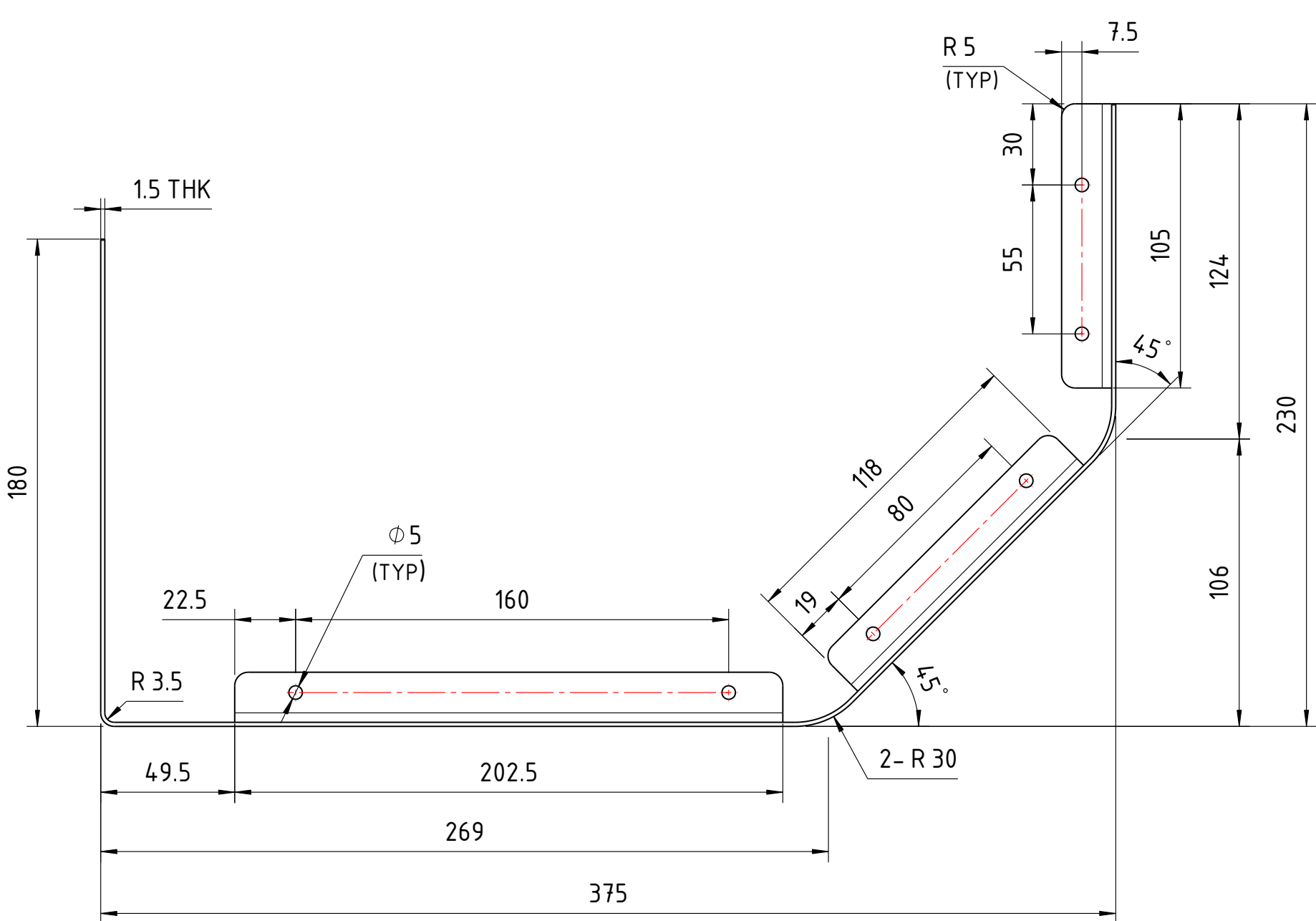
ISOMETRIC VIEW

UN CONTROLLED

- NOTES:
- ALL DIMENSIONS ARE IN mm.
 - REMOVE ALL SHARP EDGES & BURRS.
 - THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

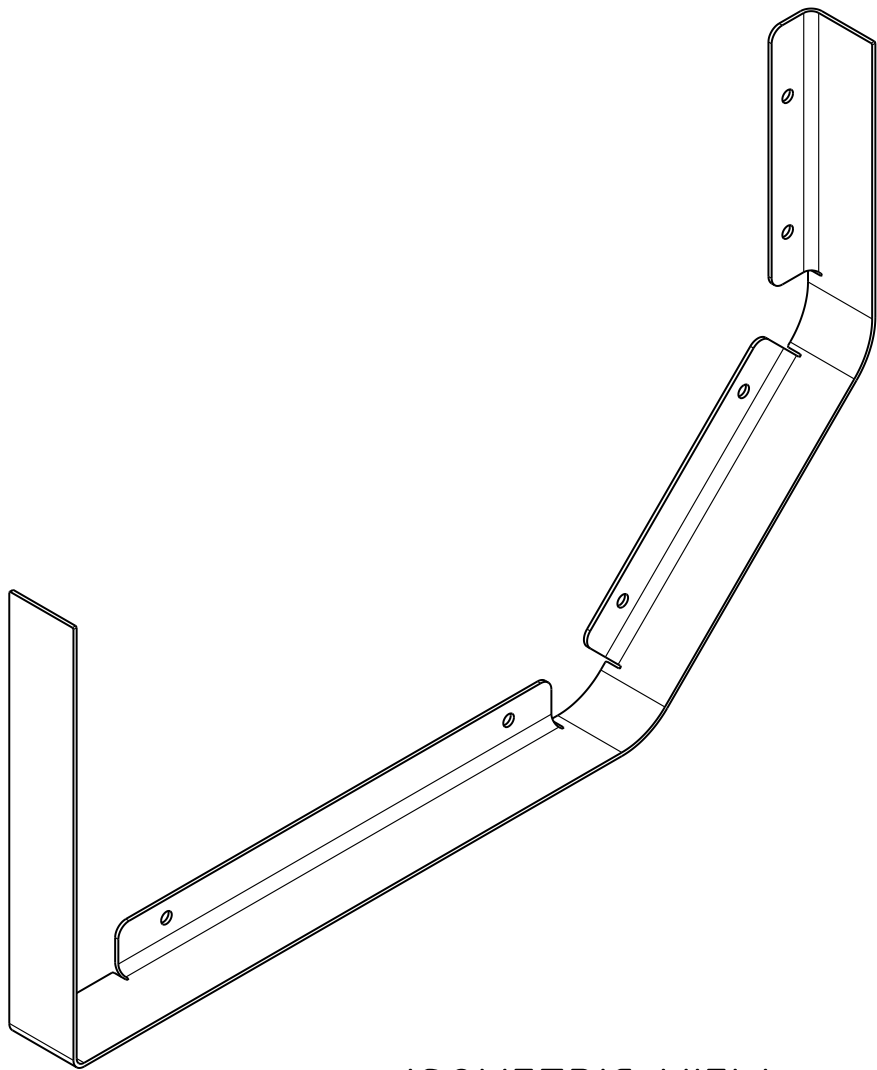
		---								1200x70x3THK											
SL.No.	QTY	PART / STOCK No.				DESCRIPTION				SIZE (mm)		COMPANY STD./I.S Wt. (Kg)									
												MATERIAL									
									PRODUCT		TRAIN B28										
											REF DRG		---								
									MATERIAL		SUS 304L / AISI 304L, 2B FINISH										
											HEAT TREAT.		---								
									SURFACE TREAT.		APPD		KRISHNA PRASAD		14.03.26						
											REVD		KRISHNA PRASAD		14.03.26						
									TITLE		CHKD		SANTOSH KUMAR		14.03.26						
											DRWN		ARTI KUMARI		14.03.26						
									SCALE				SHEET		Wt.(kg)						
													1 OF 1		1.88						
ALT.No.		ECN No./CHANGES				DATE		BY		CHKD		APPD		BANGALORE COMPLEX		DRG No.		845-16161		ALT	

3		2				1				
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
		TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3				WELDING PROCESS SHALL BE AS PER EN ISO-4063		STATUS:		PROTO/PRODUCTION		
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553				WELDING POSITIONS SHALL BE AS PER EN ISO 6947						
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3						INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5				

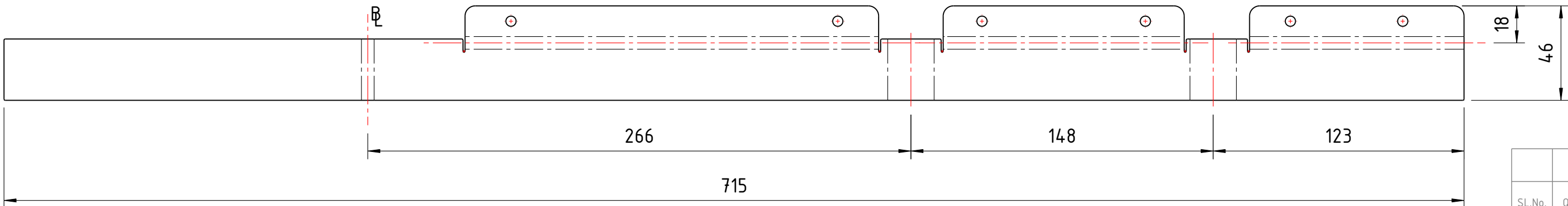
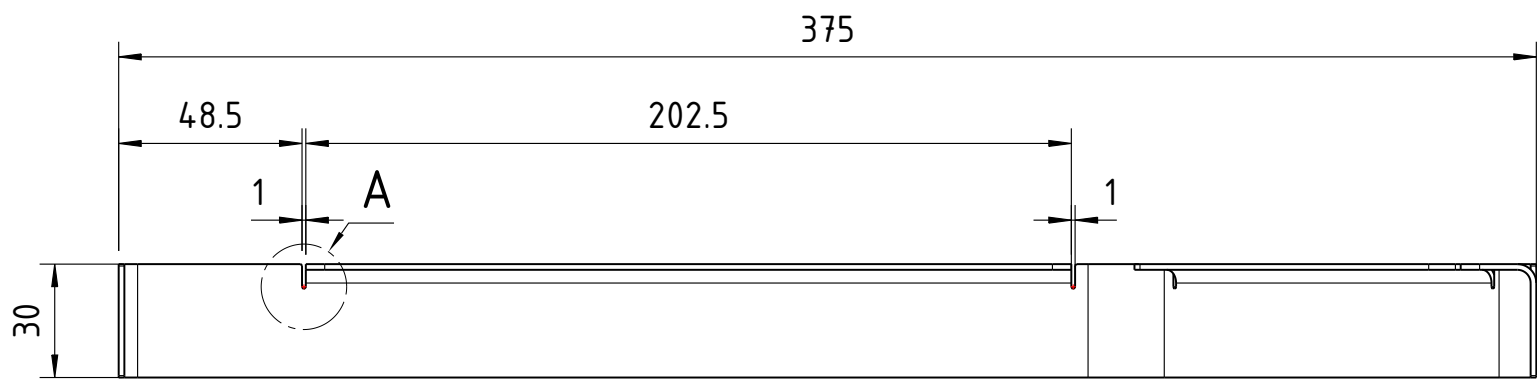


AUXILIARY VIEW-B
1:2

DETAIL-A
2:1






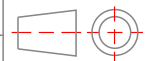



ISOMETRIC VIEW



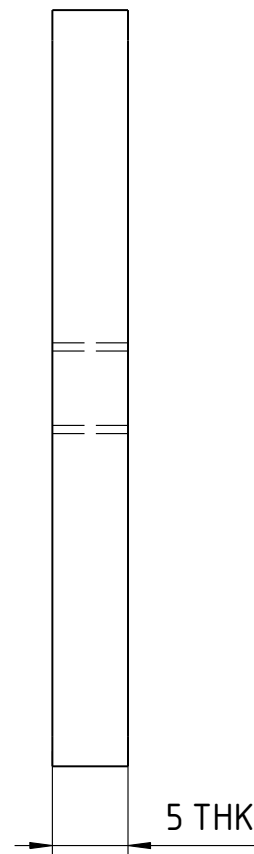
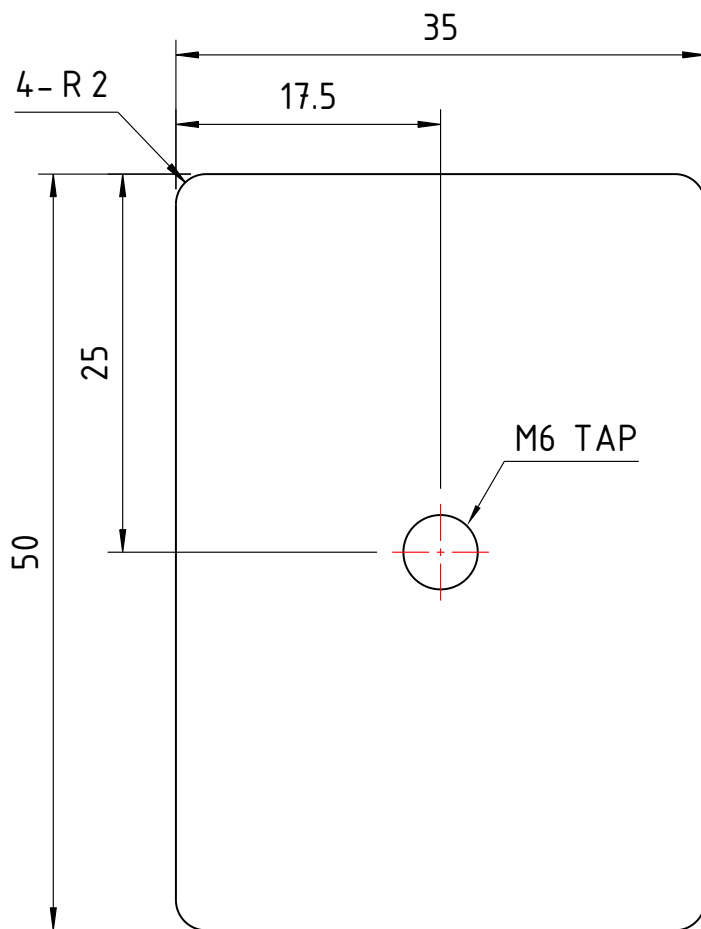
DEVELOPED VIEW WITH BENDING LINE DETAILS

UN CONTROLLED

- NOTES:
- ALL DIMENSIONS ARE IN mm.
 - REMOVE ALL SHARP EDGES & BURRS.
 - THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.





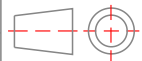


		----				715x46x1.5THK					
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)		COMPANY STD./I.S	Wt. (Kg)		
								MATERIAL			
					PRODUCT	TRAIN B28					
					REF DRG	--					
					MATERIAL	SUS 304L / AISI 304L, 2B FINISH					
					HEAT TREAT.	--	APPD	KRISHNA PRASAD	14.03.26		
					SURFACE TREAT.	--	REVD	KRISHNA PRASAD	14.03.26		
					TITLE	BRACKET		CHKD	SANTOSH KUMAR	14.03.26	
								DRWN	ARTI KUMARI	14.03.26	
								SCALE		SHEET	Wt.(kg)
								1:2		1 OF 1	0.34
ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD	DRG No.					
						BANGALORE COMPLEX		845-16159			
											
								0			

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING PROCESS SHALL BE AS PER EN ISO-4063				STATUS:	MOCK-UP/PROTO/PRODUCTION		
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817									
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3			INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5						



1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

UN CONTROLLED

		---					50x35x5THK					
SL.No.	QTY	PART / STOCK No.				DESCRIPTION	SIZE (mm)	COMPANY STD./I.S		Wt. (Kg)		
								MATERIAL				
						PRODUCT	TRAIN B28					
						REF DRG						
						MATERIAL	SUS 304L / AISI 304L, 2B FINISH					
						HEAT TREAT.		APPD	KRISHNA PRASAD	14.03.26		
						SURFACE TREAT.		REVD	KRISHNA PRASAD	14.03.26		
						TITLE	RECTANGLE NUT M6					
						CHKD					SANTOSH KUMAR	14.03.26
						DRWN					ARTI KUMARI	14.03.26
						SCALE		SHEET	Wt.(kg)			
						1:1		1 OF 1	0.84			
ALT.No.	ECN No./CHANGES				DATE	BY	CHKD	APPD	DRG No.		ALT	
									845-16139			
								BANGALORE COMPLEX				

5

4

3

2

1

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2

GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1

GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2

GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920

VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.

WELDING SHALL BE CARRIED OUT AS PER EN 15085-3

WELDING PROCESS SHALL BE AS PER EN ISO-4063

WELDING SYMBOLS SHALL BE AS PER EN ISO-2553

WELDING POSITIONS SHALL BE AS PER EN ISO 6947

QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817

WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3

INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5

226

35

25

10

2 - R 5

20

170

13

15°

2 - Ø 5

226

55.5

33

B

DEVELOPED VIEW WITH BENDING LINE DETAILS

UN CONTROLLED

NOTES:

1. ALL DIMENSIONS ARE IN mm.

2. REMOVE ALL SHARP EDGES & BURRS.

3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

35

R 3

25

2 THK




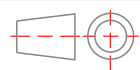



ISOMETRIC VIEW

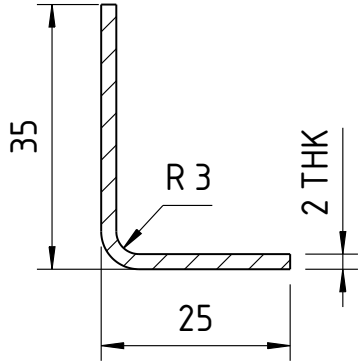
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
				226x55.5x2THK		
					MATERIAL	
			PRODUCT	TRAIN B28		
			REF DRG	---		
			MATERIAL	SUS 304L / AISI 304L, 2B FINISH		
			HEAT TREAT.	---	APPD	KRISHNA PRASAD 14.03.26
			SURFACE TREAT.	---	REVD	KRISHNA PRASAD 14.03.26
			TITLE		CHKD	SANTOSH KUMAR 14.03.26
					DRWN	ARTI KUMARI 14.03.26
					SCALE	1:1
					SHEET	1 OF 1
					DRG No.	845-16137
					ALT	0

BRACKET

BANGALORE COMPLEX

A3

						PRODUCT	TRAIN B28						
						REF DRG	---						
						MATERIAL	SUS 304L / AISI 304L, 2B FINISH						
						HEAT TREAT.	---	APPD	KRISHNA PRASAD	14.03.26			
						SURFACE TREAT.	---	REVD	KRISHNA PRASAD	14.03.26			
						TITLE	BRACKET	CHKD	SANTOSH KUMAR	14.03.26			
								DRWN	ARTI KUMARI	14.03.26			
								SCALE		SHEET	Wt.(kg)		
								2.5		1 OF 1	0.61		
													
ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD	<div><div><div>ಬಿ ಇ ಎಸ್ ಎಲ್</div><div></div><div>Beyond Possibilities</div></div><div>BANGALORE COMPLEX</div></div>					DRG No.	845-16136	ALT
													



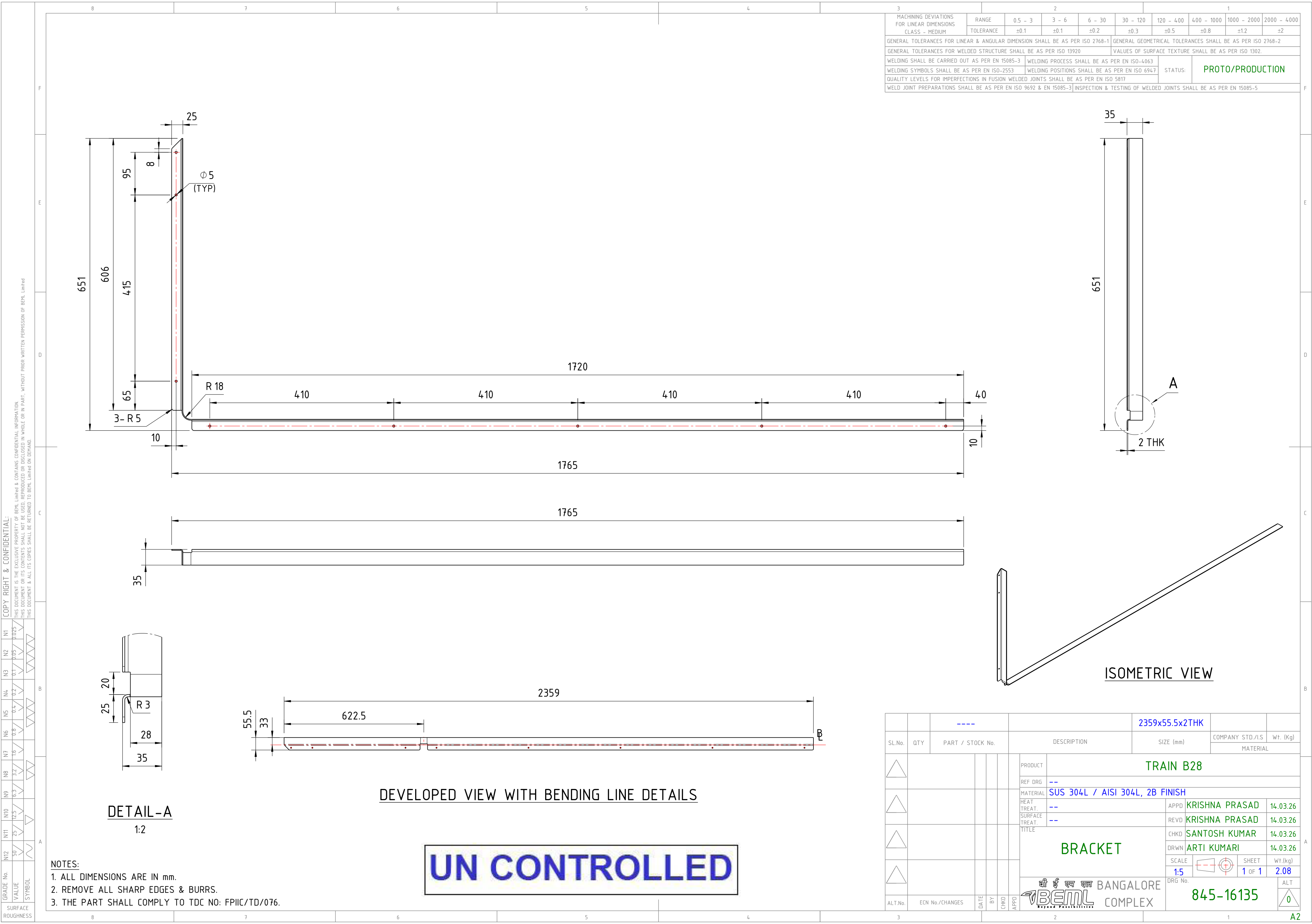
DEVELOPED VIEW WITH BENDING LINE DETAILS

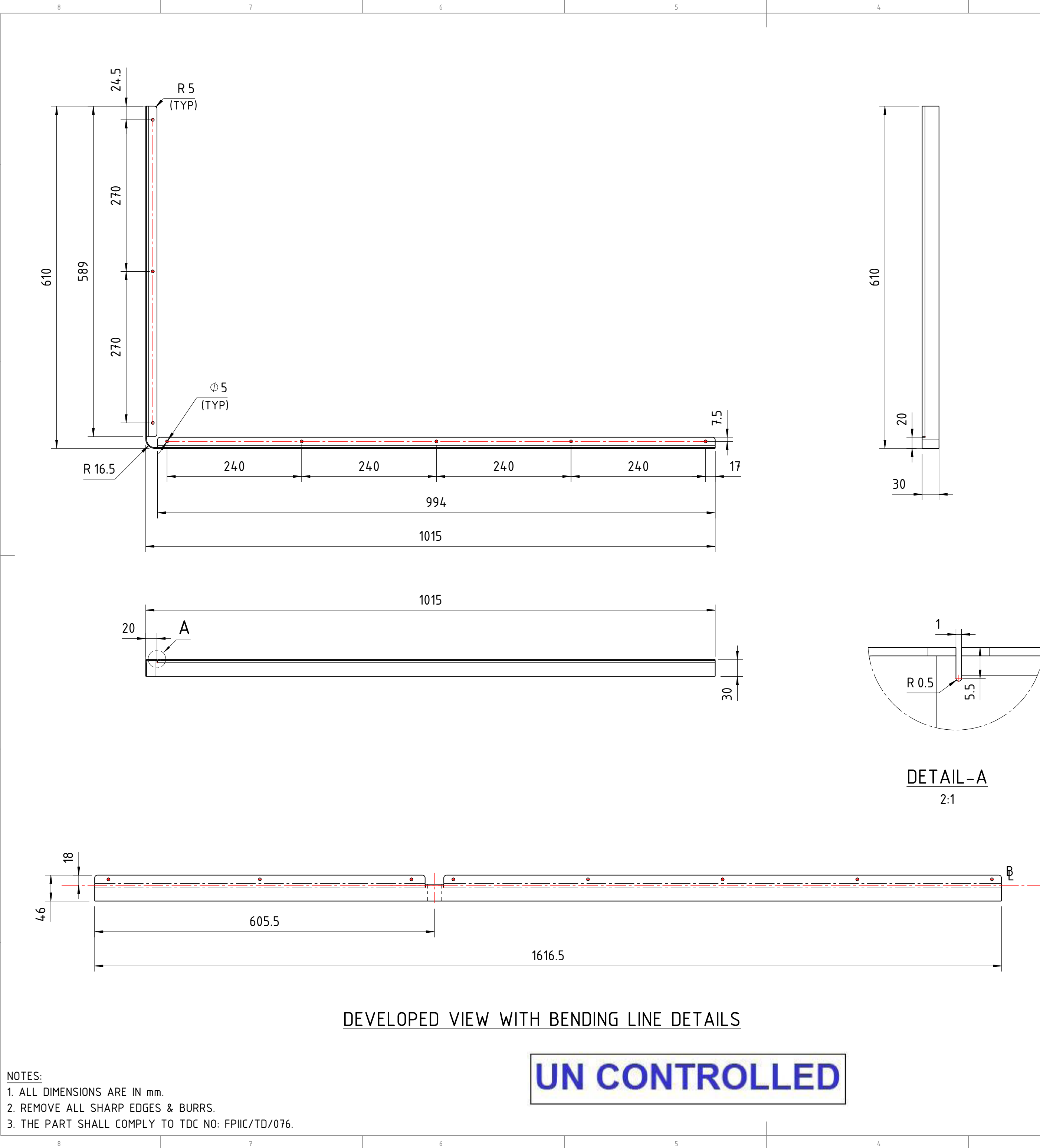
UN CONTROLLED

ISOMETRIC VIEW

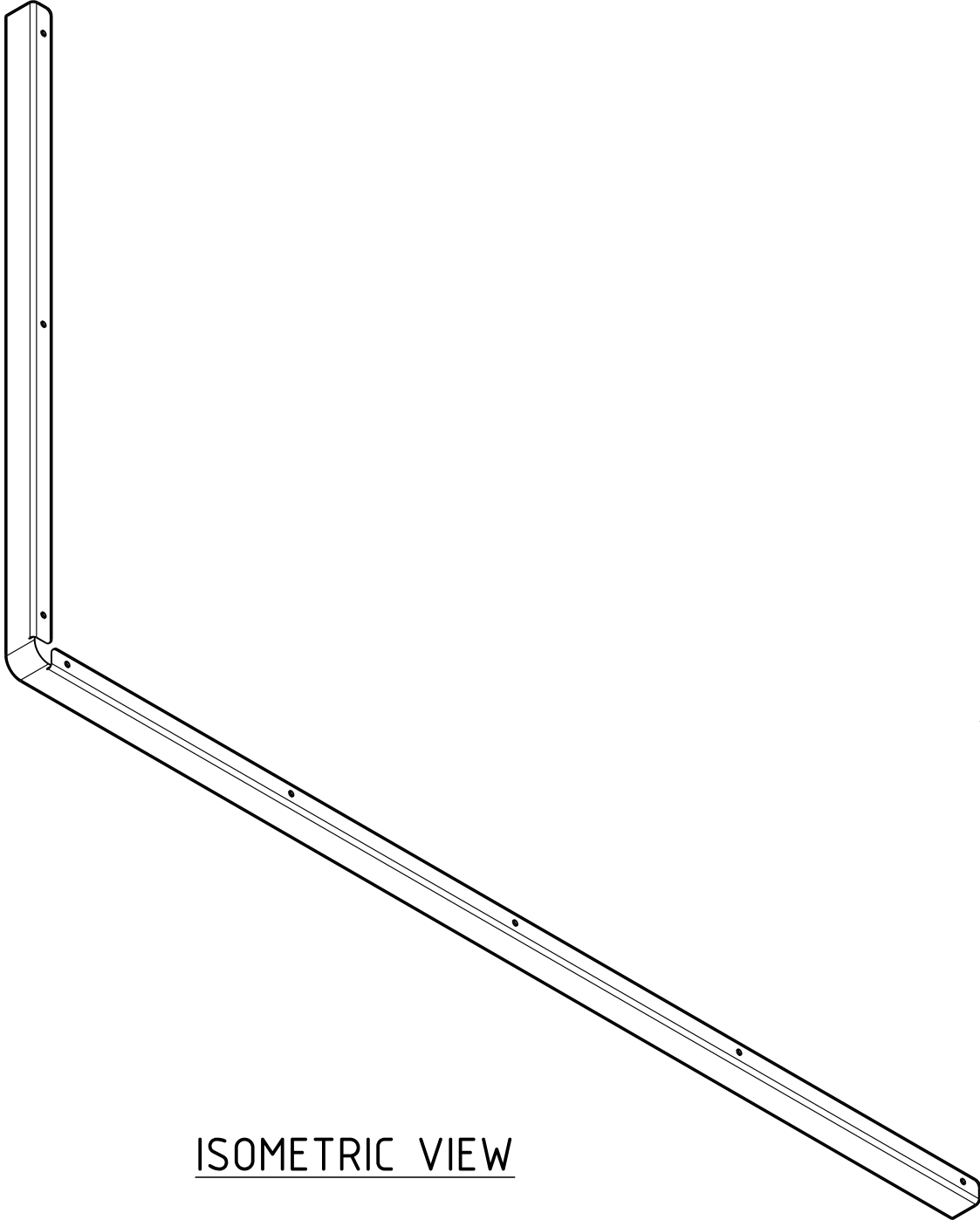
NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.






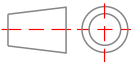





MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
		TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1						GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920						VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:	PROTO/PRODUCTION			
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817										
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3			INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5							



ISOMETRIC VIEW


		----		1616.5x46x1.5THK				
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
						MATERIAL		
				PRODUCT	TRAIN B28			
				REF DRG	--			
				MATERIAL	SUS 304L / AISI 304L, 2B FINISH			
				HEAT TREAT.	--	APPD	KRISHNA PRASAD	14.03.26
				SURFACE TREAT.	--	REVD	KRISHNA PRASAD	14.03.26
				TITLE	BRACKET			
					DRWN	ARTI KUMARI 14.03.26		
					SCALE		SHEET	Wt.(kg)
					1:5		1 OF 1	0.89
ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD	DRG No.		ALT
						845-16120		

3

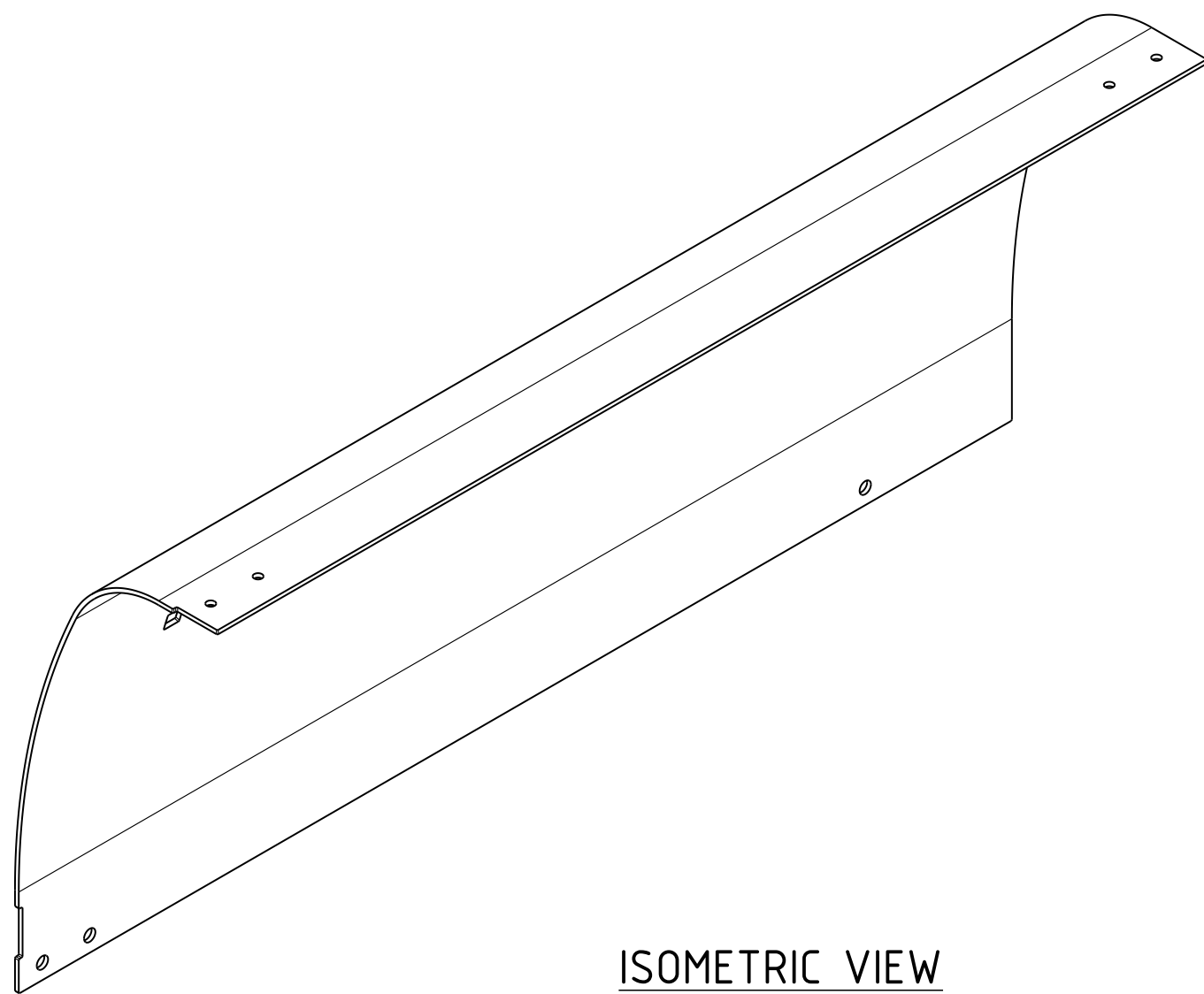
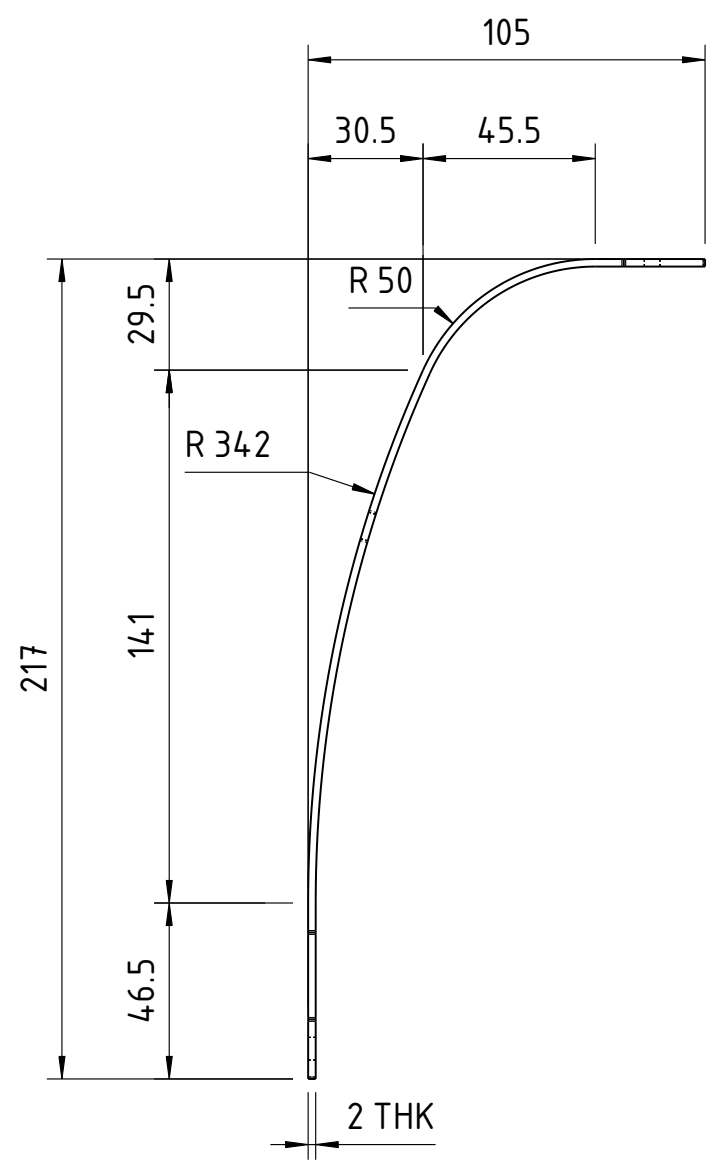
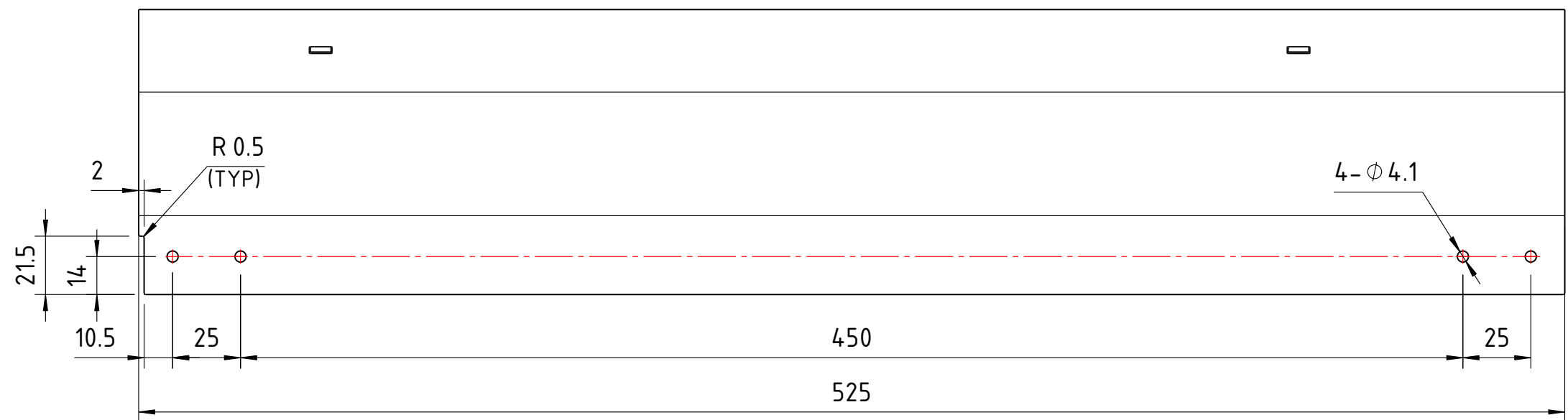
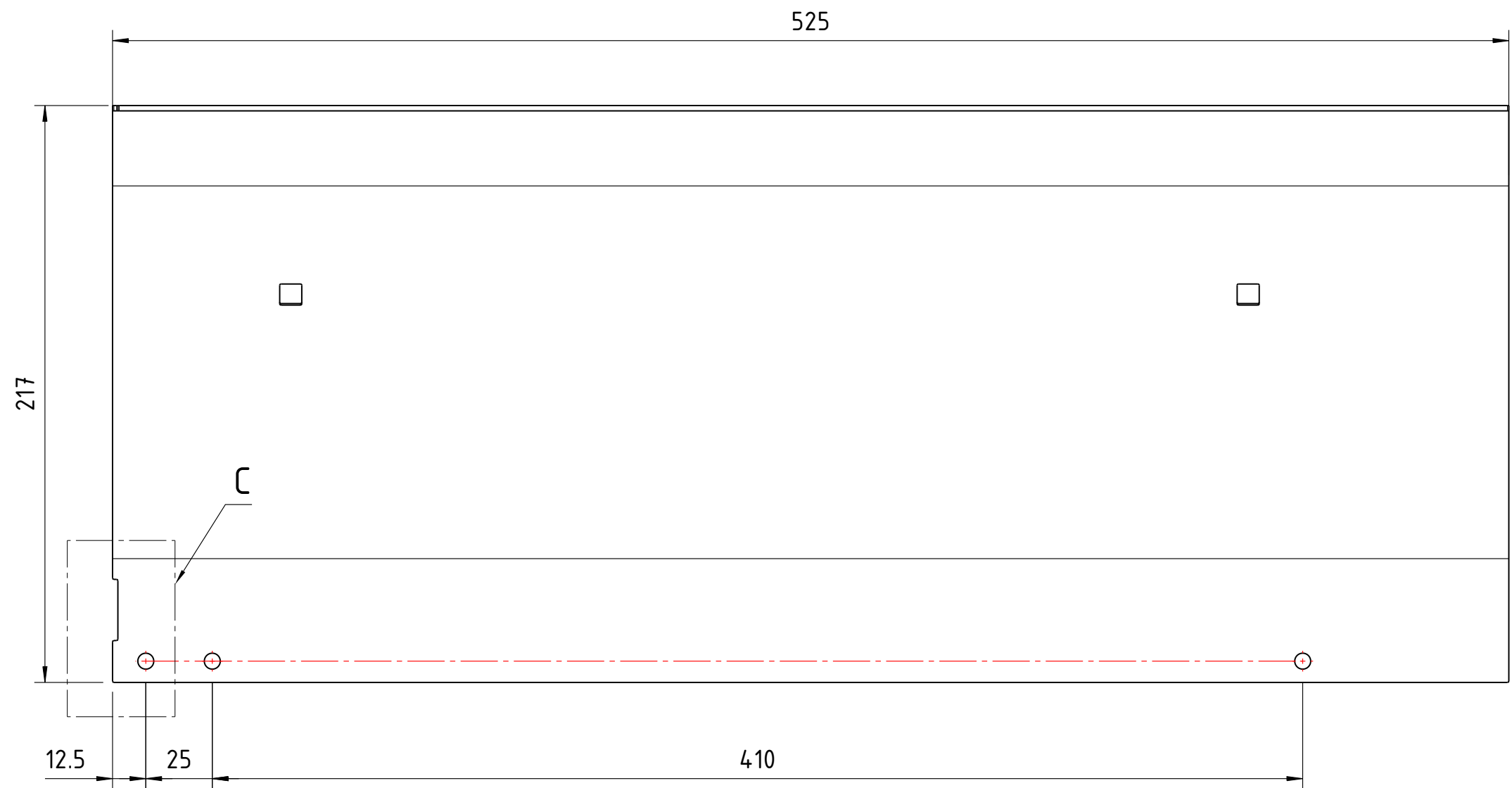
2

1

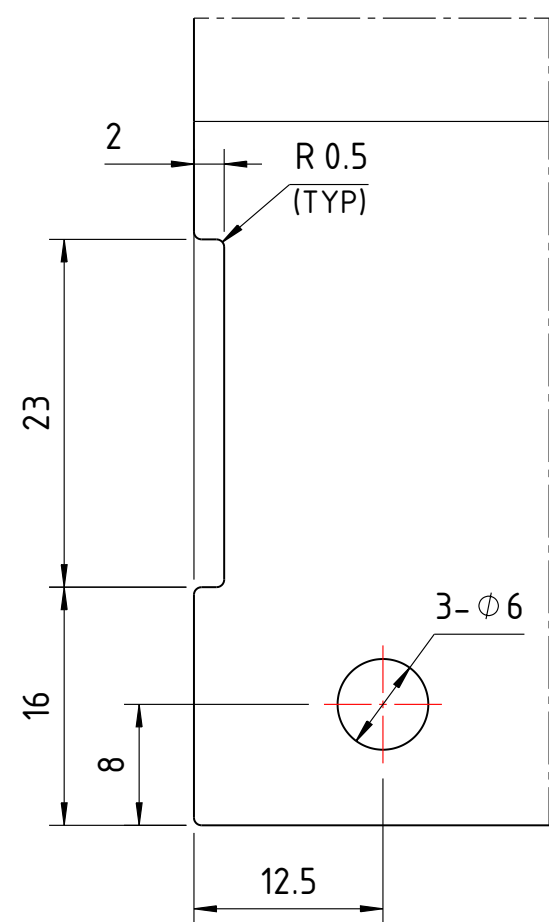
A2

BANGALORE COMPLEX

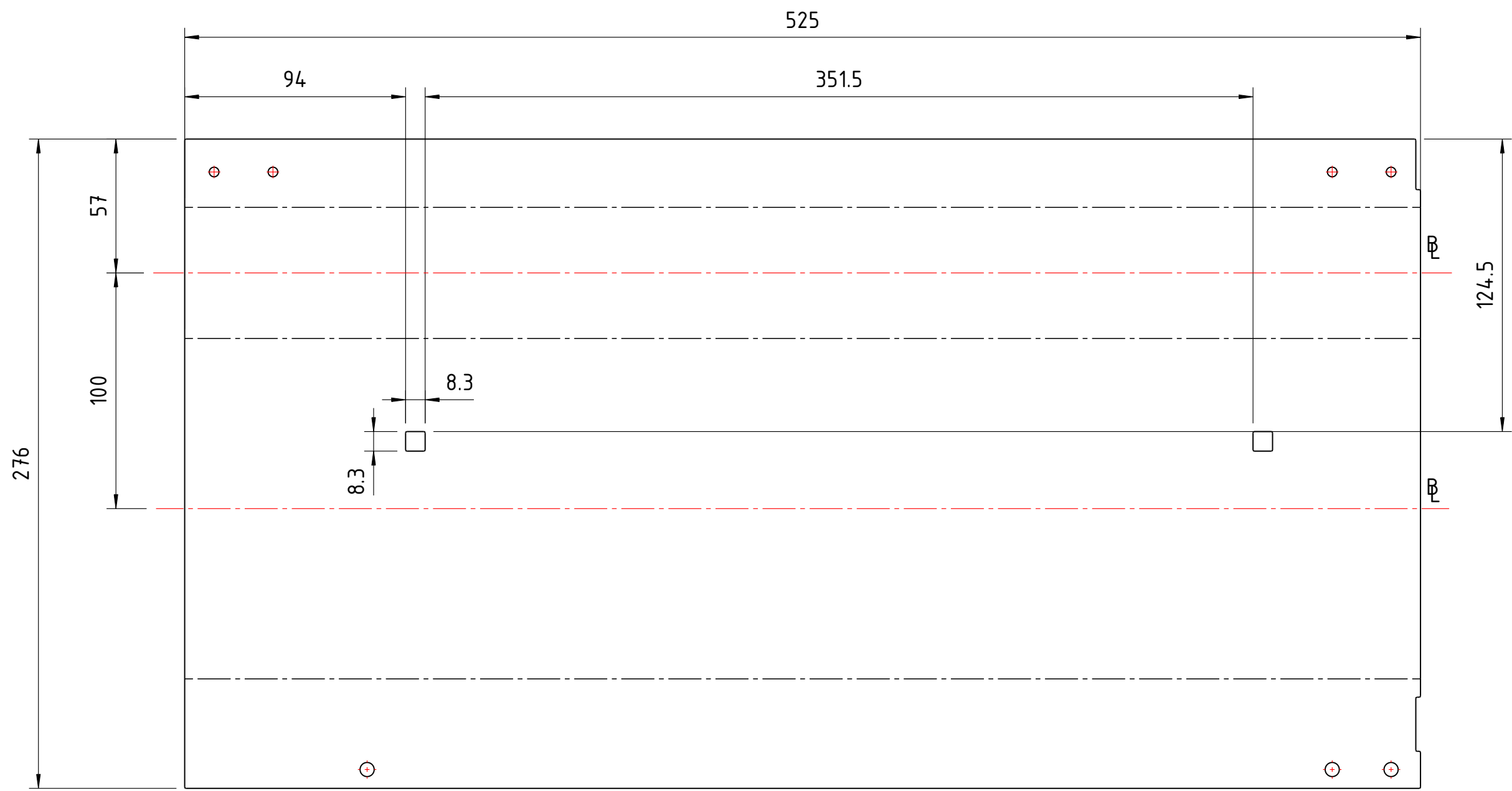
							1	
MAXIMUM DEVIATIONS FOR PLACING DIMENSIONS		RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000
CLASS - MEDIUM		TOLERANCE	+0.1	+0.1	+0.2	+0.3	+0.5	+0.8
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1		GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2						
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920		VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1392						
WELDING SHALL BE CARRIED OUT BY FUSION WELDING		WELDING PROCESS SHALL BE AS PER ISO 4063						
WELDING SHALL BE CARRIED OUT AS PER EN ISO 2553		WELDING POSITION SHALL BE AS PER EN ISO 6947						
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 817		STATUS						
QUALITY LEVEL PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN ISO 5085-3		INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN ISO 5085-5						



ISOMETRIC VIEW



DETAIL-C
2:1

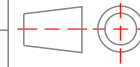




DEVELOPED VIEW WITH BENDING LINE DETAILS

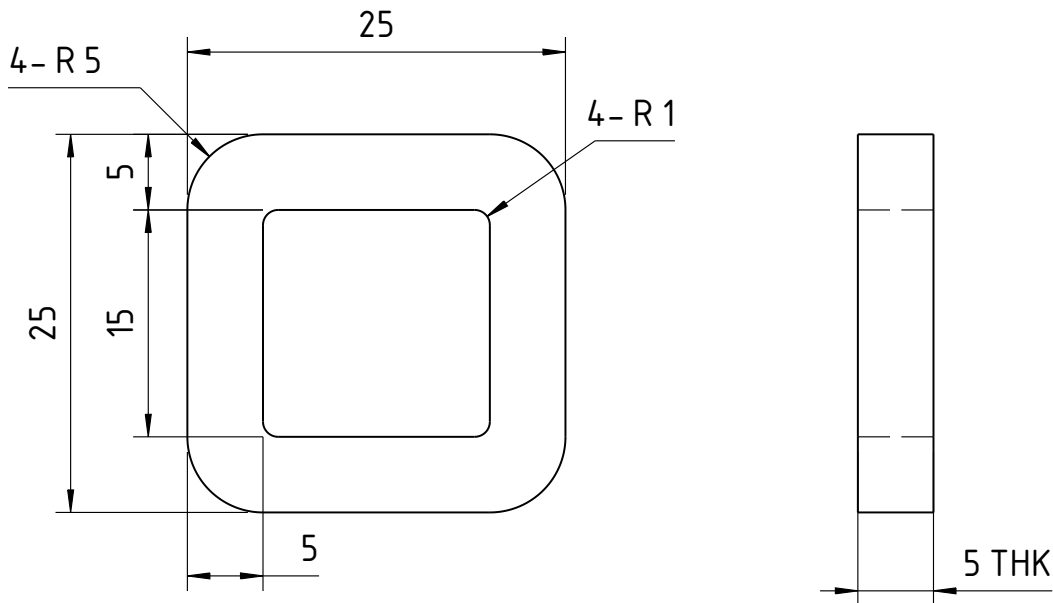
NOTES:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

UN CONTROLLED




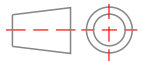



								525x276x2THK									
SL.No.	QTY	PART / STOCK No.				DESCRIPTION				SIZE (mm)				COMPANY STD./IS		Wt. (Kg)	
																MATERIAL	
△						PRODUCT											
						REF. DRG	--										
△						MATERIAL	SUS 304L / AISI 304L, 2B FINISH										
						HEAT TREAT.	APPD	KRISHNA PRASAD				17.02.26					
						SURFACE TREAT.	REVD	KRISHNA PRASAD				17.02.26					
△						TITLE	CHKD	SANTOSH KUMAR				17.02.26					
						BRACKET							DRWN	ARTI KUMARI		17.02.26	
△													SCALE		SHEET	Wt (kg)	
													12	1 OF 1		229	
													DRG No.			ALT	
ALT No.	ECN No./CHANGES				DATE	BY	CHKD	APPD	 BANGALORE COMPLEX				844-16160				
																	

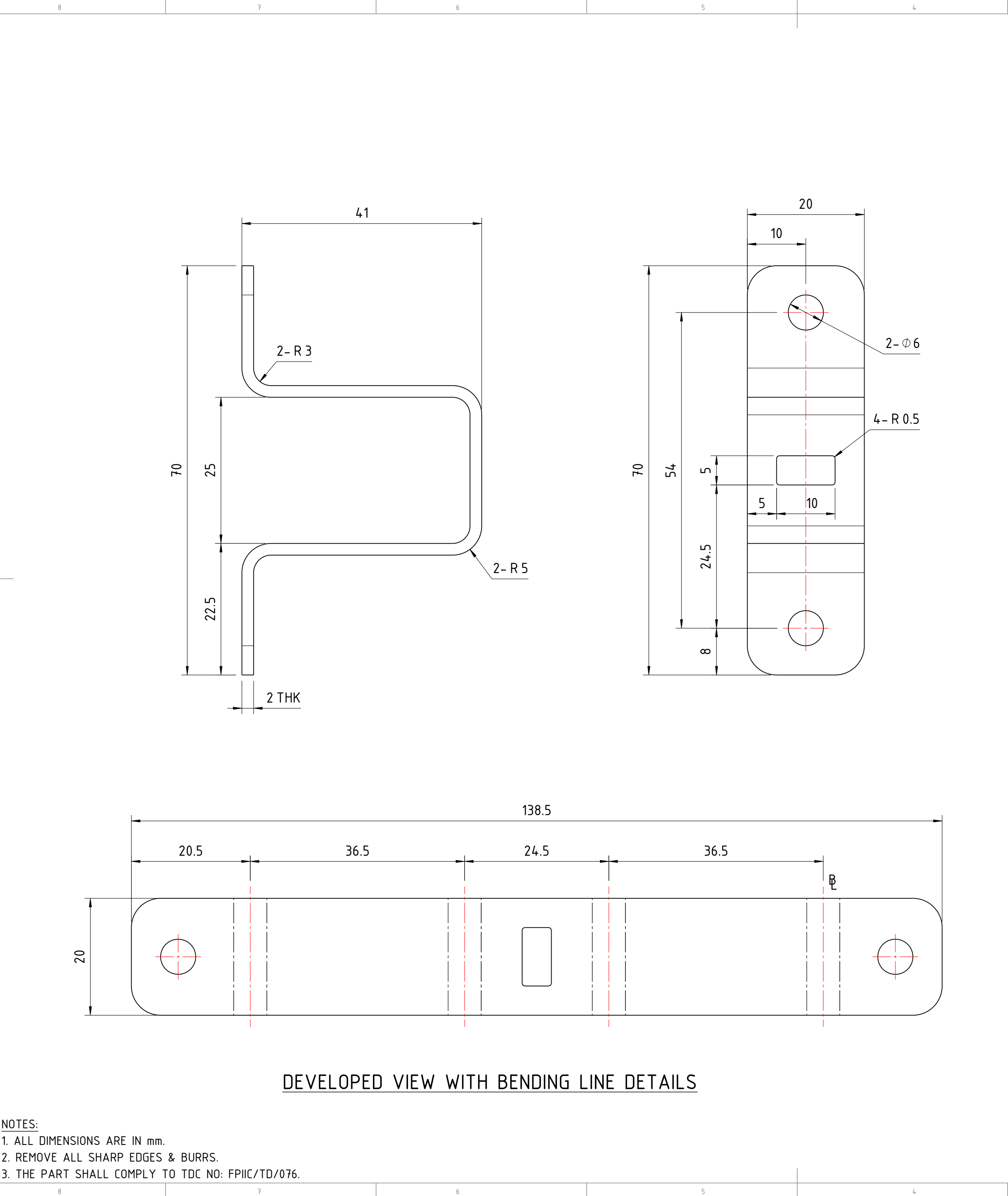
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING PROCESS SHALL BE AS PER EN ISO-4063				STATUS:	MOCK-UP/PROTO/PRODUCTION		
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817									
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3			INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5						



UN CONTROLLED

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES & BURRS.
3. THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

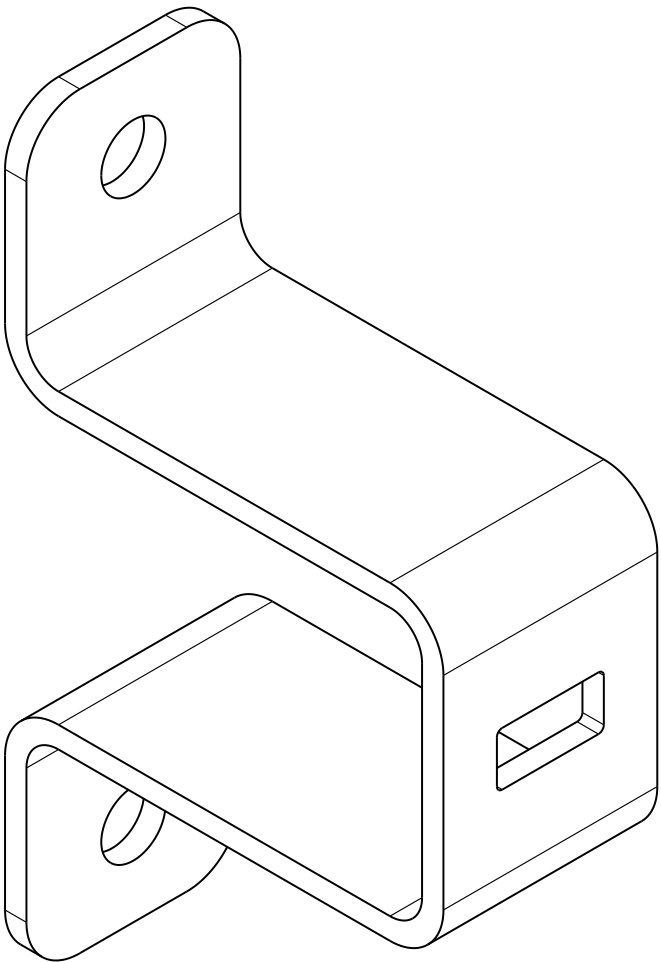
		----								25x25x5THK						
SL.No.	QTY	PART / STOCK No.				DESCRIPTION				SIZE (mm)		COMPANY STD./I.S		Wt. (Kg)		
												MATERIAL				
						PRODUCT	TRAIN B28									
						REF DRG										
						MATERIAL	SUS 304L / AISI 304L, 2B FINISH									
						HEAT TREAT.		APPD	KRISHNA PRASAD				17.02.26			
						SURFACE TREAT.		REVD	KRISHNA PRASAD				17.02.26			
						TITLE	PLATE				CHKD	SANTOSH KUMAR		17.02.26		
											DRWN	ARTI KUMARI		17.02.26		
											SCALE			SHEET	Wt.(kg)	
											2:1			1 OF 1	0.01	
ALT.No.	ECN No./CHANGES				DATE	BY	CHKD	APPD	DRG No.				ALT			
								BANGALORE COMPLEX				844-16146				



DEVELOPED VIEW WITH BENDING LINE DETAILS

- NOTES:
- ALL DIMENSIONS ARE IN mm.
 - REMOVE ALL SHARP EDGES & BURRS.
 - THE PART SHALL COMPLY TO TDC NO: FPIC/TD/076.

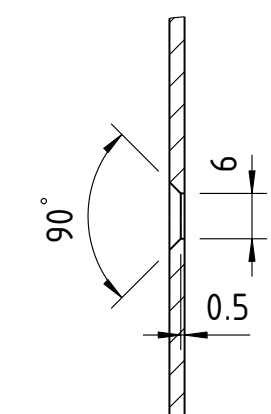
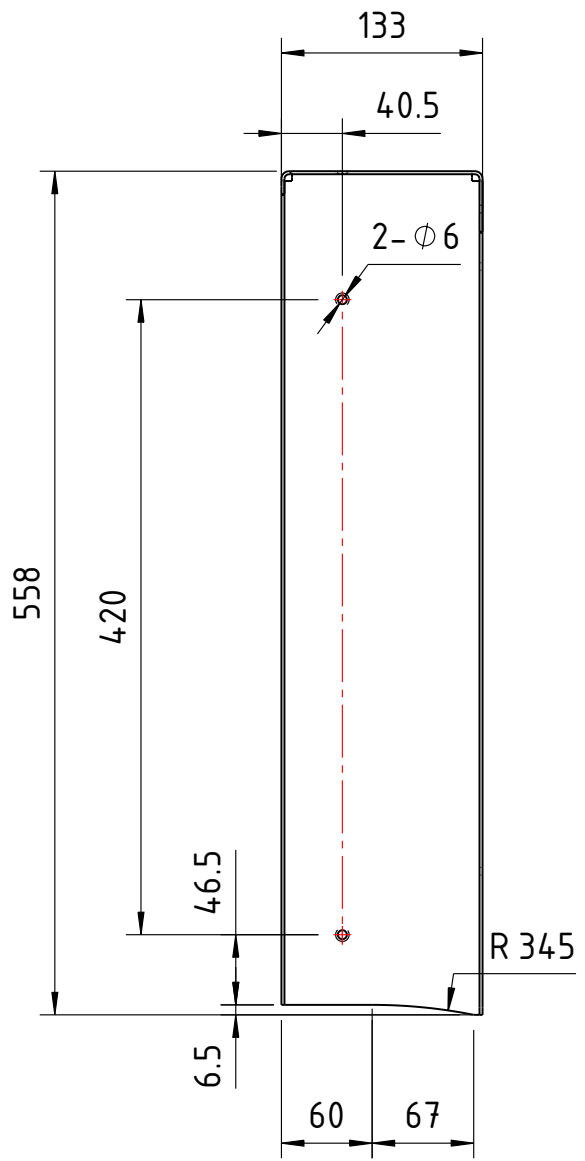
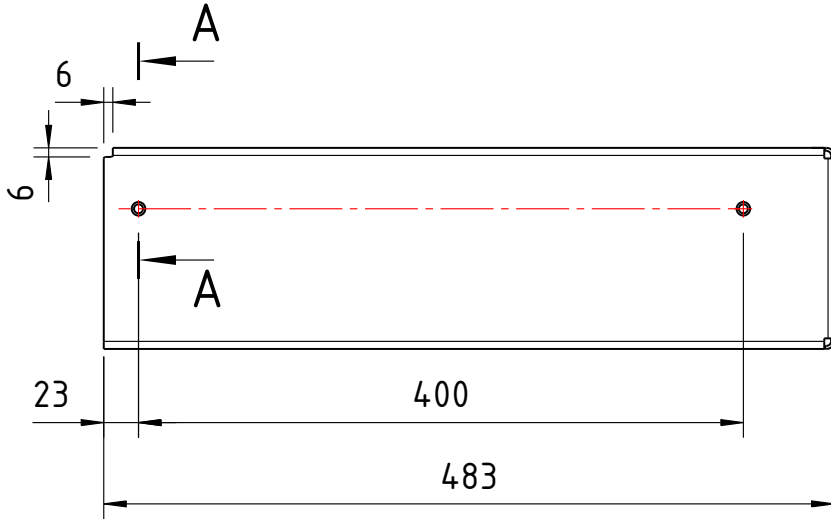
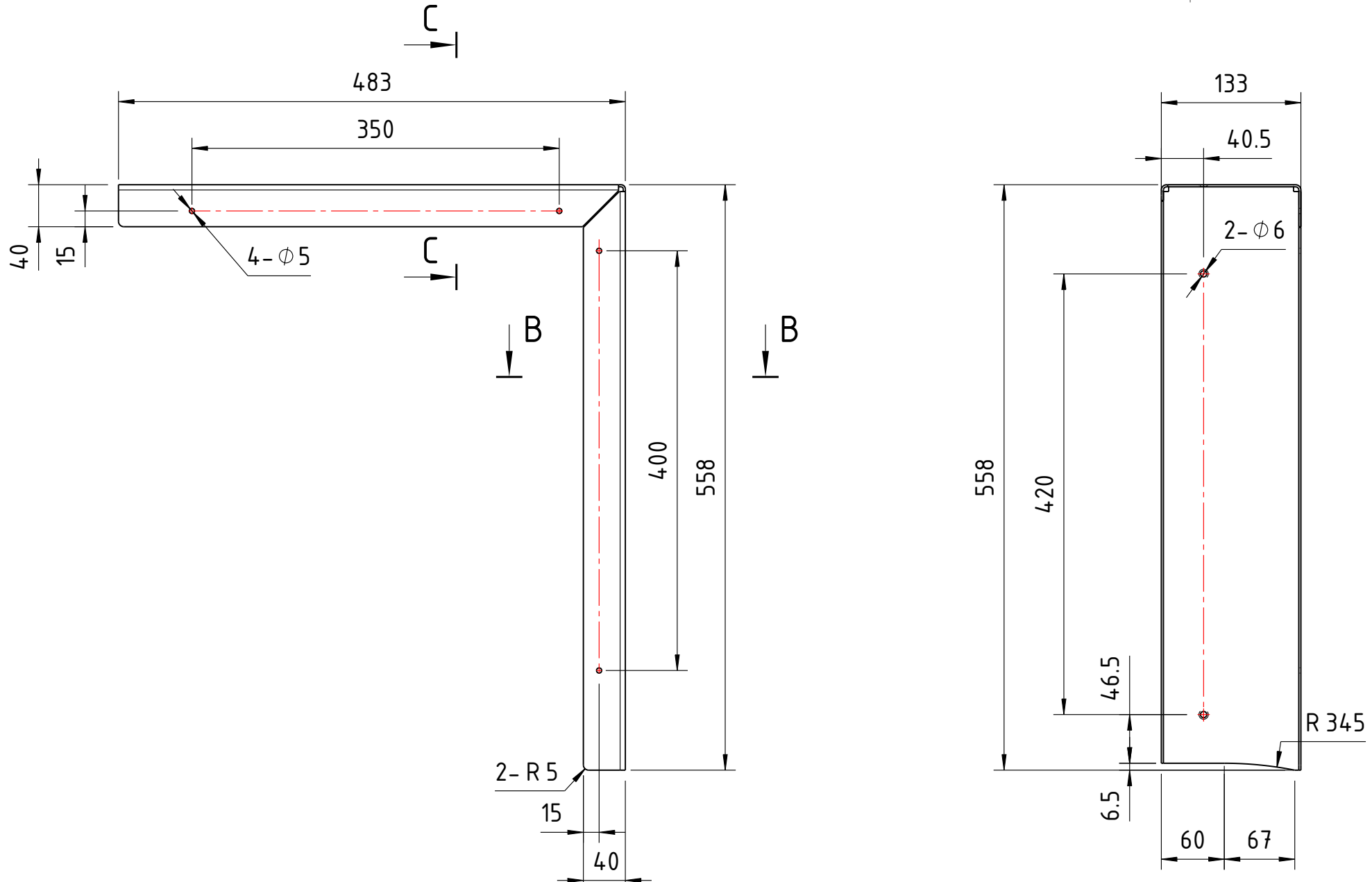
3		2				1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3			WELDING PROCESS SHALL BE AS PER EN ISO-4063			STATUS:		PROTO/PRODUCTION	
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553			WELDING POSITIONS SHALL BE AS PER EN ISO 6947			QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817		WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3	
INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5									



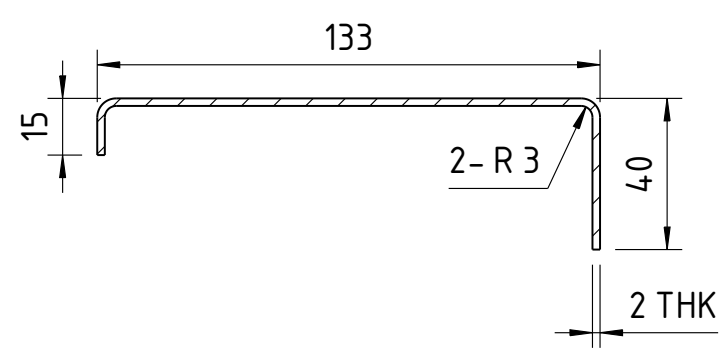
ISOMETRIC VIEW

UN CONTROLLED

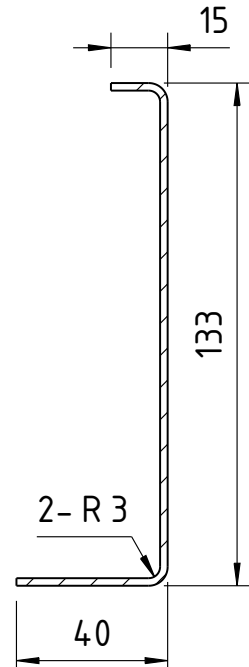
		----		138.5x20x2THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION	SIZE (mm)	COMPANY STD./I.S	Wt. (Kg)
				PRODUCT	TRAIN B28		
				REF DRG	---		
				MATERIAL	SUS 304L / AISI 304L, 2B FINISH		
				HEAT TREAT.	---	APPD	KRISHNA PRASAD 17.02.26
				SURFACE TREAT.	---	REVD	KRISHNA PRASAD 17.02.26
				TITLE	BRACKET		
				DRWN	ARTI KUMARI	17.02.26	
				SCALE	2:1	SHEET	1 OF 1
				DRG No.	844-16144		
ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD	BANGALORE COMPLEX	
						ALT	
						0	



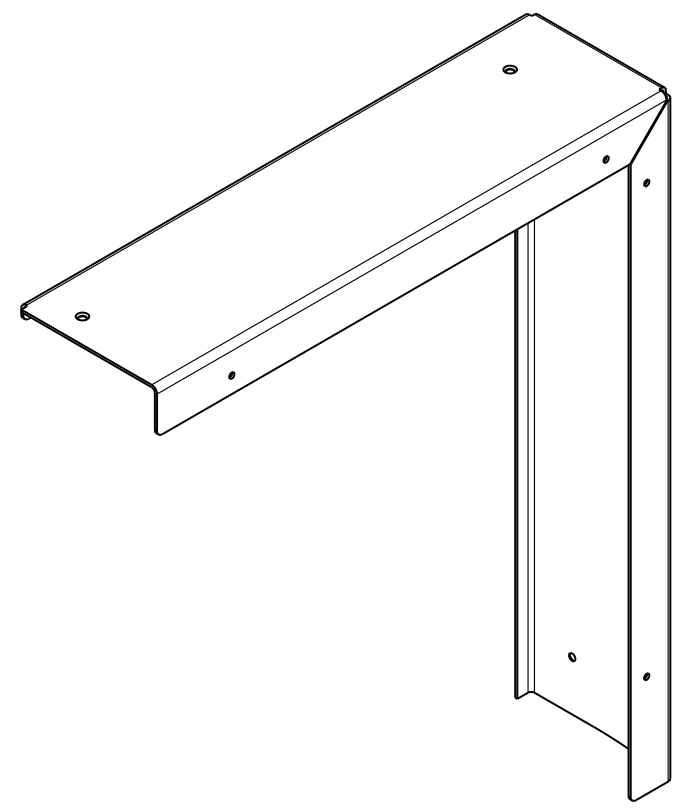
SECTION A-A
1:1



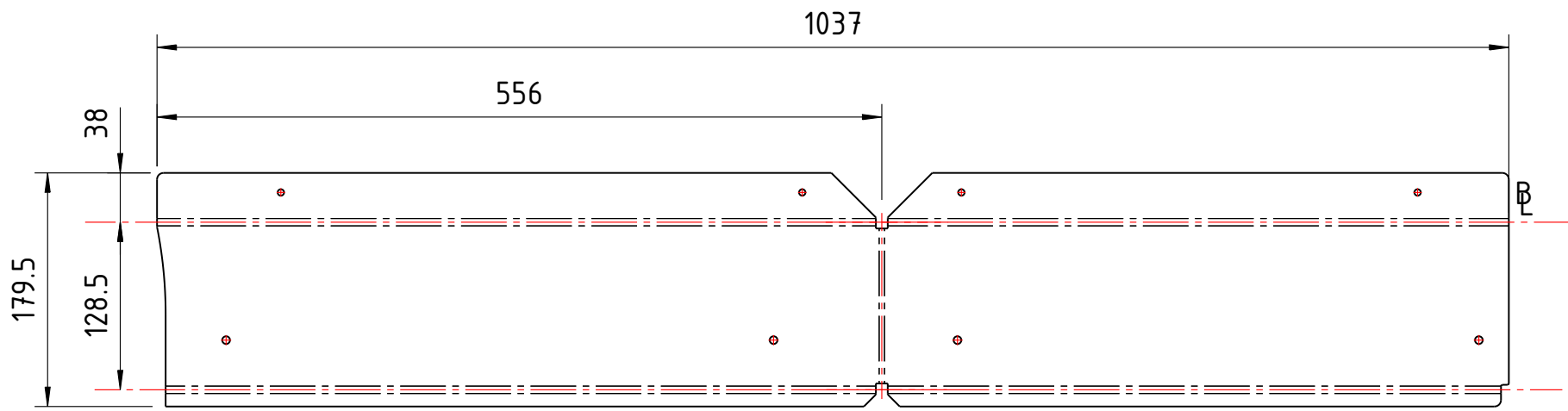
SECTION C-C
1:2



SECTION B-B
1:2



ISOMETRIC VIEW







DEVELOPED VIEW WITH BENDING LINE DETAILS

- NOTES:
- ALL DIMENSIONS ARE IN mm.
 - REMOVE ALL SHARP EDGES & BURRS.
 - THE PART SHALL COMPLY TO TDC NO: FPIIC/TD/076.

3		2				1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS CLASS - MEDIUM	RANGE	0.5 - 3	3 - 6	6 - 30	30 - 120	120 - 400	400 - 1000	1000 - 2000	2000 - 4000
	TOLERANCE	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2
GENERAL TOLERANCES FOR LINEAR & ANGULAR DIMENSION SHALL BE AS PER ISO 2768-1					GENERAL GEOMETRICAL TOLERANCES SHALL BE AS PER ISO 2768-2				
GENERAL TOLERANCES FOR WELDED STRUCTURE SHALL BE AS PER ISO 13920					VALUES OF SURFACE TEXTURE SHALL BE AS PER ISO 1302.				
WELDING SHALL BE CARRIED OUT AS PER EN 15085-3		WELDING PROCESS SHALL BE AS PER EN ISO-4063				STATUS:	PROTO/PRODUCTION		
WELDING SYMBOLS SHALL BE AS PER EN ISO-2553		WELDING POSITIONS SHALL BE AS PER EN ISO 6947							
QUALITY LEVELS FOR IMPERFECTIONS IN FUSION WELDED JOINTS SHALL BE AS PER EN ISO 5817									
WELD JOINT PREPARATIONS SHALL BE AS PER EN ISO 9692 & EN 15085-3					INSPECTION & TESTING OF WELDED JOINTS SHALL BE AS PER EN 15085-5				

UN CONTROLLED

		----				1037x179.5x2THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE (mm)		COMPANY STD./I.S	Wt. (Kg)
								MATERIAL	
				PRODUCT	TRAIN B28				
				REF DRG	--				
				MATERIAL	SUS 304L / AISI 304L, 2B FINISH				
				HEAT TREAT.	--	APPD	KRISHNA PRASAD	17.02.26	
				SURFACE TREAT.	--	REVD	KRISHNA PRASAD	17.02.26	
				TITLE	KICK PLATE				
					CHKD SANTOSH KUMAR 17.02.26				
					DRWN ARTI KUMARI 17.02.26				
					SCALE 1:5				
					SHEET 1 OF 1				
ALT.No.	ECN No./CHANGES	DATE	BY	CHKD	APPD	DRG No.		Wt.(kg)	
						BANGALORE COMPLEX		844-16138	
								ALT 0	

3

2

1

A