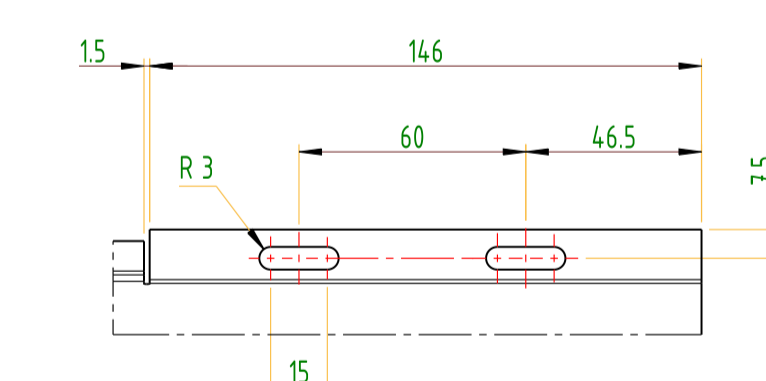
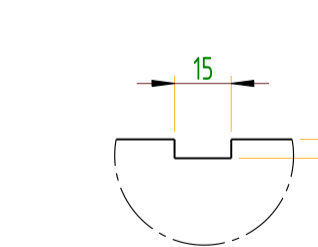
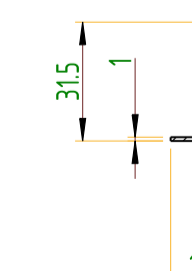
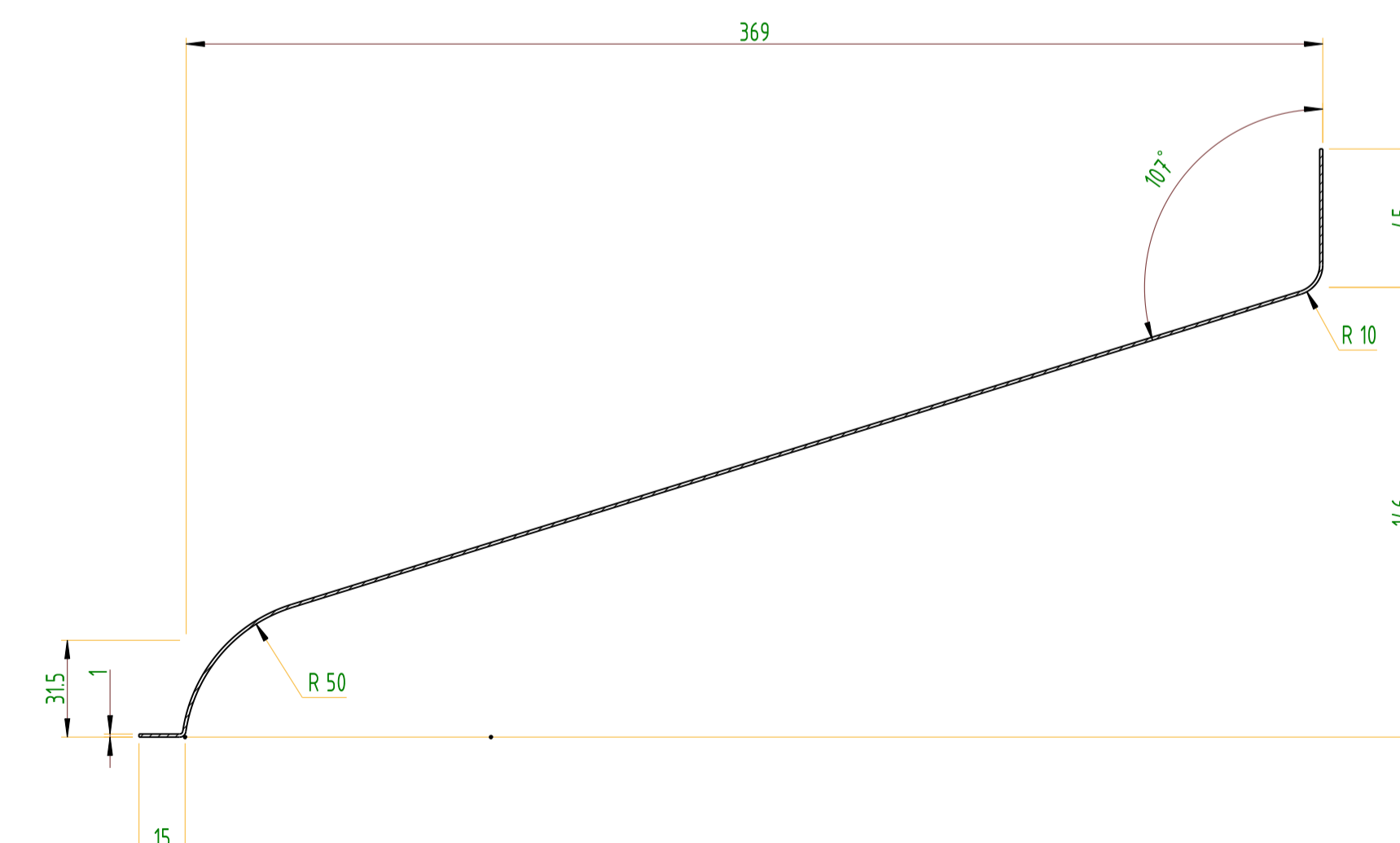
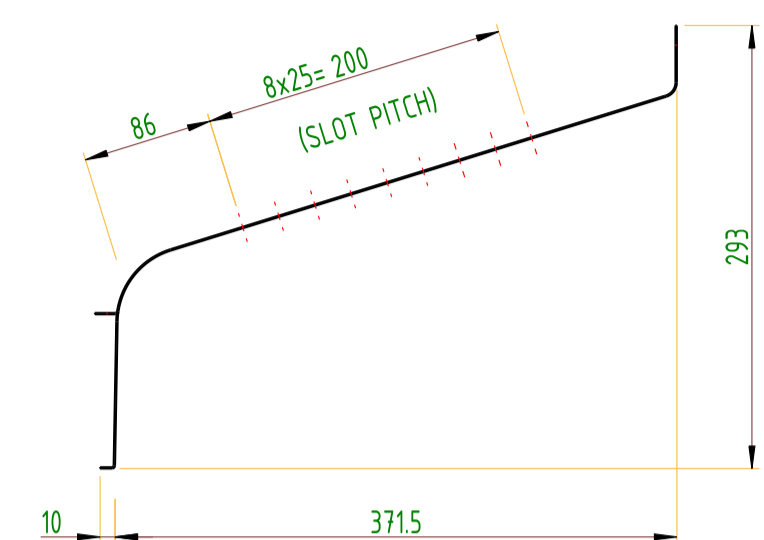


SL No.		QTY		PART / STOCK No.			DESCRIPTION			SIZE		COMPANY STD./IS		Wt. (Kg)	
											MATERIAL				
△								PRODUCT		MUMBAI METRO CARS L2&L7					
								REF DRG		SUS 304 / AISI 304, No. 2B FINISH					
△								MATERIAL		APPD		30/11/2019			
								HEAT TREAT SURFACE		REVD		30/11/2019			
△								TREAT TYPE		CHKD		30/11/2019			
										DRWN		30/11/2019			
△										SCALE		SHEET		WH	
										1:10		1 OF 1		13.45 Kg	
										DRG No.				ALT	
										BESL BEML LIMITED		525-23113		0	















DETAIL D
SCALE 1:2
(TYP)

SECTION B-B
SCALE 1:2

NOTE:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES AND BURRS

SURFACE		N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
GRADE No.													
VALUE		50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025
SYMBOL													

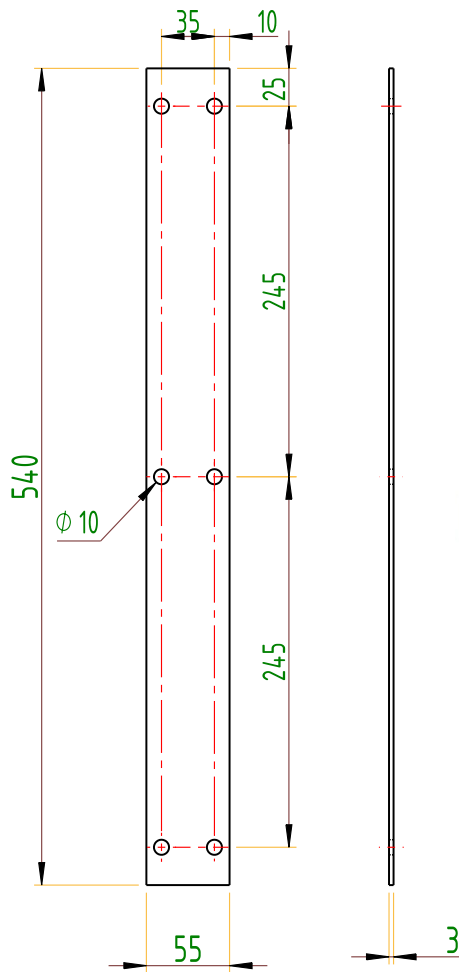
SL.No.	QTY	PART / STOCK No.	DESCRIPTION				SIZE	COMPANY STD./I.S		Wt. (Kg)	
							MATERIAL				
							PRODUCT	MUMBAI METRO CARS L2&L7			
							REF DRG	-			
							MATERIAL	SUS 304 / AISI 304, No. 2B FINISH			
							HEAT TREAT.	-	APPD		30/11/2019
							SURFACE TREAT.	-	REV'D		30/11/2019
							TREAT. TITLE	BASE	CHKD		30/11/2019
						DRWN			30/11/2019		
						SCALE			SHEET	Wt.	
							1:10		1 OF 1	1.6 Kg	
							DRG No.			ALT	
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPO	BEM LIMITED <small>NEW FRONTIERS. NEW DREAMS</small>	525-23114				

BASE

77

UNCONTROLLED













MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 – 6	6 – 30	30 – 120	120 – 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)							QUALITY OF WELD JOINTS REF, RD 230 MEDIUM			
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.						STATUS:	PROTO/PRODUCTION			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										

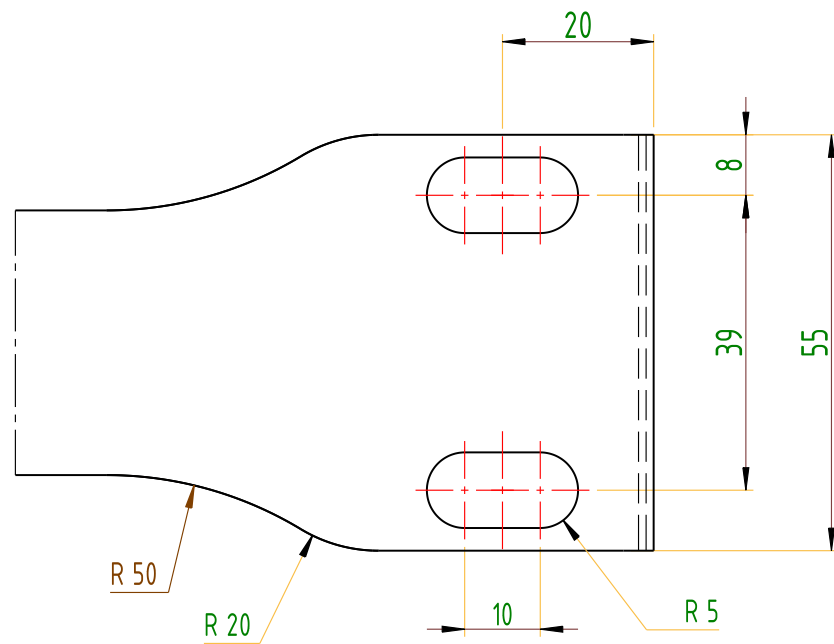


NOTE:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES AND BURRS.



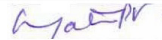





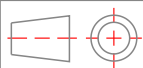


SL.No.		QTY	PART / STOCK No.				DESCRIPTION		SIZE	COMPANY STD./I.S		Wt. (Kg)
											MATERIAL	
							PRODUCT	MUMBAI METRO CARS L2 & L7				
							REF DRG	-				
							MATERIAL	SUS 304 / AISI 304, No. 2B FINISH				
							HEAT TREAT.	-	APPD		30/11/2019	
							SURFACE TREAT.	-	REVD		30/11/2019	
							TITLE	BRACKET	CHKD		30/11/2019	
							DRWN			30/11/2019		
							SCALE			SHEET	Wt.	
										1:5		1 OF 1
								DRG No.				
ALT												
0												
ALT.NO.		ECN NO/CHANGES				DATE	BY	CHKD	APPD	BEML LIMITED		
NEW FRONTIERS. NEW DREAMS												

GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025
SYMBOL												



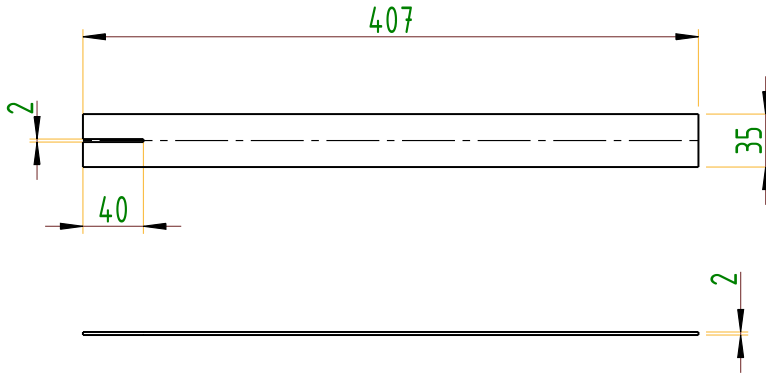
NOTE:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES AND BURRS.

SL.No.	QTY	PART / STOCK No.				DESCRIPTION		SIZE	COMPANY STD./I.S		Wt. (Kg)
								MATERIAL			
						PRODUCT	MUMBAI METRO CARS L2 & L7				
						REF DRG	-				
						MATERIAL	SUS 304 / AISI 304, No. 2B FINISH				
						HEAT TREAT.	-	APPD		30/11/2019	
						SURFACE TREAT.	-	REVD		30/11/2019	
						TITLE	BRACKET	CHKD		30/11/2019	
						DRWN			30/11/2019		
						SCALE		SHEET	Wt.		
						1:5		1 OF 1	0.35kg		
						DRG No.				ALT	
						 BEM LIMITED					
						525-23116					
ALT.NO.	ECN NO/CHANGES				DATE	BY	CHKD	APPD			
<small>NEW FRONTIERS. NEW DREAMS</small>											

UNCONTROLLED

MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE FOR LINEAR AND ANGULAR DIMENSIONS REF. IS 2102 (PT-1) (MEDIUM)							QUALITY OF WELD JOINTS REF, RD 230 MEDIUM			
VALUES OF SURFACE TEXTURE SHALL BE AS PER COMPANY STD DS. 1012.C.							STATUS:	PROTO/PRODUCTION		
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										



UNCONTROLLED

NOTE:

1. ALL DIMENSIONS ARE IN mm.
2. REMOVE ALL SHARP EDGES AND BURRS.

GRADE No.	VALUE	SYMBOL	SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)
N1	0.025	✓	N2	0.05	✓	N3	0.1	✓	
N4	0.2	✓	N5	0.4	✓	N6	0.8	✓	
N7	1.6	✓	N8	3.2	✓	N9	6.3	✓	
N10	12.5	✓	N11	25	✓	N12	50	✓	
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	MUMBAI METRO CARS L2 & L7			
						SUS 304 / AISI 304, No. 2B FINISH			
						PRODUCT			
						REF DRG			
						MATERIAL			
						HEAT TREAT.	-	APPD	30/11/2019
						SURFACE TREAT.	-	REVD	30/11/2019
						TITLE			
						CHKD			
						DRWN			
						SCALE	1:5	SHEET	1 OF 1
						DRG No.			
						ALT			
						0			

SUPPORT



BEML LIMITED

525-23117