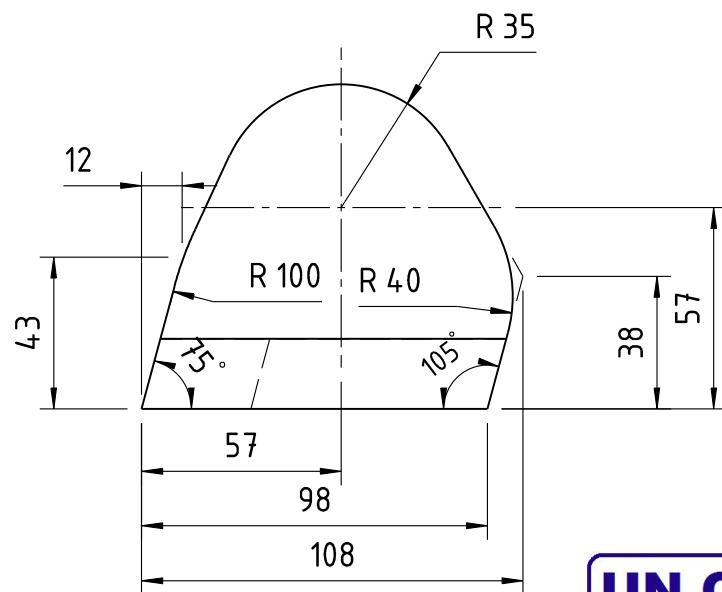
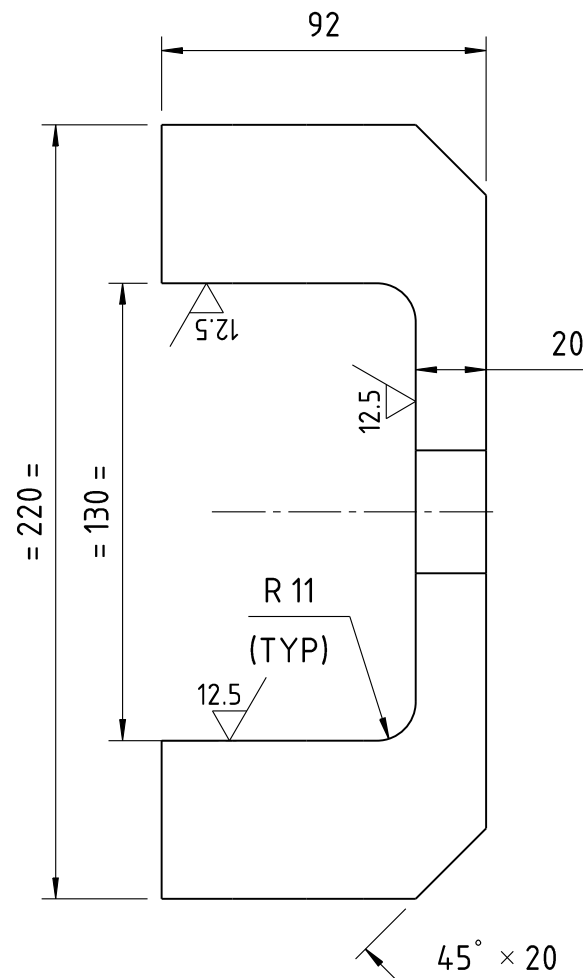
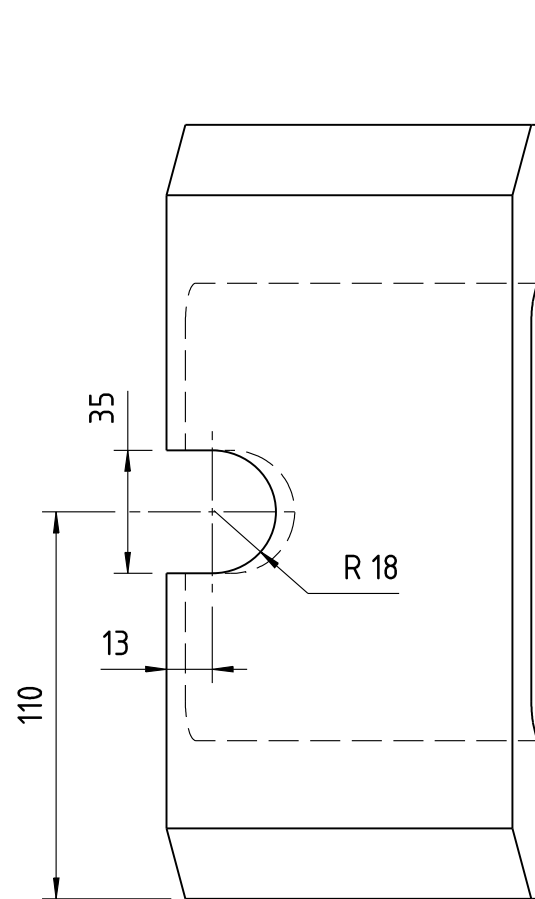


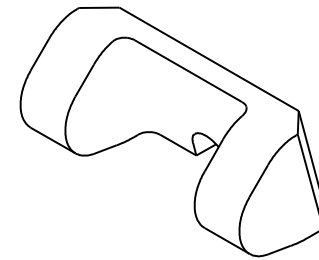
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GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
VALUE	0.075	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
SYMBOL												
SURFACE ROUGHNESS												



UN CONTROLLED COPY

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:	MOCKUP/PROTO/PRODUCTION		
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										





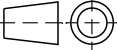




ISOMETRIC VIEW

PRELIMINARY

#### NOTES:-

1. CONSIDER R3 FOR UNSPECIFIED RADIUS ON FORGING.
2. THE FLOW LINES SHALL FOLLOW THE CONTOUR OF THE FORGING. THE FLOW LINES SHALL NOT CUT THE CONTOUR.
3. MANUFACTURER MUST FURNISH THE TEST CERTIFICATES FOR CHEMICAL,MECHANICAL PROPERTIES AND CHECK SHEET FOR EACH BATCH OF SUPPLY
4. THE MACHINED SURFACES SHALL BE COATED WITH THE RUST PREVENTIVE FLUID TO IS:1154-2000
5. REMOVE ALL SHARP EDGES AND BURRS
6. FORGING SHALL BE SUPPLIED IN NORMALIZED CONDITION.
7. THE FORGING SHALL STRICTLY CONFIRM TO BEML PTS DOC.No. GR/TD/4640 (REFER LATEST REVISION)
8. AS IT IS A PERLIMINARY DRAWING ANY CHANGES IN DIMENSION & WEIGHT OF PART HAS TO BE CONSIDERED BY THE VENDOR.

SL.No.	QTY	PART / STOCK No.				DESCRIPTION		SIZE (mm)		COMPANY STD./I.S			Wt. (Kg)
										MATERIAL			
						PRODUCT	MUMBAI METRO CARS - L2 & L7						
						REF DRG							
						MATERIAL	EN 10025-5:2004, S355 J2W+N						
						HEAT TREAT.		APPD	MS				
						SURFACE TREAT.		REVD	DB				
						TITLE	BRACKET BRAKE MOUNT	CHKD	JC				
								DRWN	ILYAS				
								SCALE		SHEET		Wt.(kg)	
								1:2		1 OF 1		6.8	
ALT.No.	ECN NO/CHANGES					DATE	BY	CHKD	APPD	DRG No.			ALT
 BEM LIMITED									525-83165				
NEW FRONTIERS. NEW DREAMS													



BEML LIMITED

525-83165

ALT 0