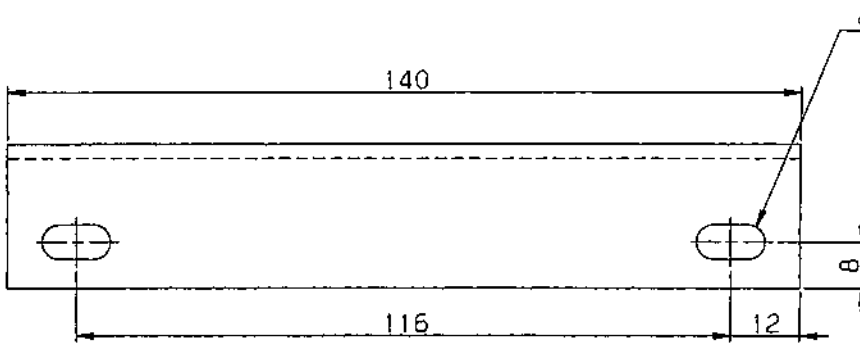
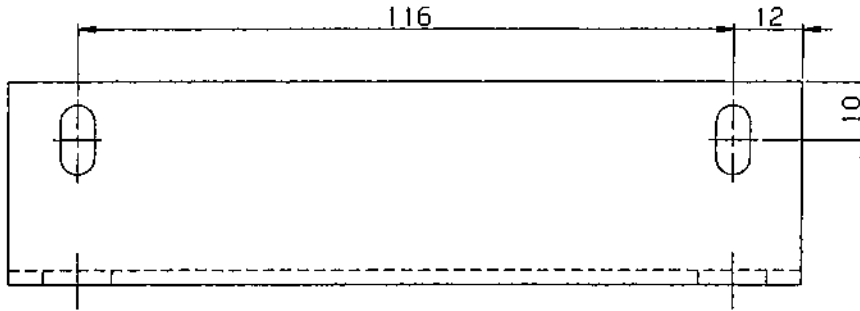


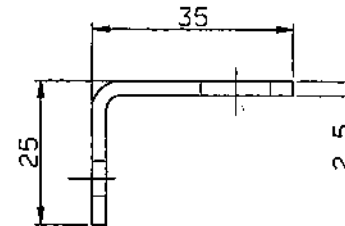
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GRADE No.	VALUE	SYMBOL
N1	0.025	▽
N2	0.05	▽
N3	0.1	▽
N4	0.2	▽
N5	0.4	▽
N6	0.8	▽
N7	1.6	▽
N8	3.2	▽
N9	6.3	▽
N10	12.5	▽
N11	25	▽
N12	50	▽

SURFACE
ROUGHNESS



4-6x12 SLOT HOLES



NOTE
REMOVE ALL SHARP EDGES & BURRS.

				140x56x2.5THK			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION	SIZE	COMPANY STD./I/S	Wt. (Kg)
				MATERIAL			
△				PRODUCT	DMRC BG METRO CARS		
△				REF DRG			
△				MATERIAL	AISI304/SUS304-2B FINISH		
△				HEAT TREAT.	APPD	02.05.2018	
△				SURFACE TREAT.	REVD	02.05.2018	
△				TITLE	CHKD	02.05.2018	
△				BRACKET		DRWN	02.05.2018
△						SCALE	SHEET
△						NTS	1 OF 1
ALT.No.	ECN NO/CHANGES		DATE	BY	CHKD	APPD	ALT
				beml BEML LIMITED		909-19508	

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-II) (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										

UN CONTROLLED

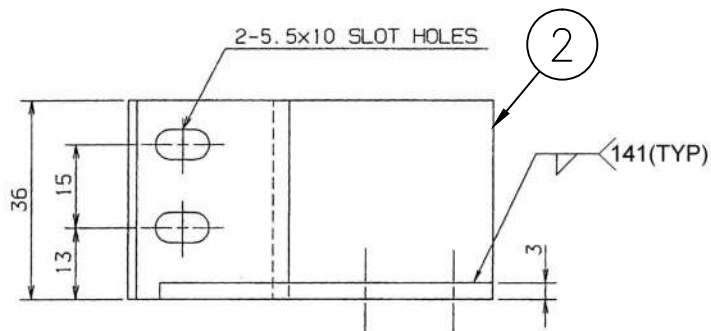


BEML LIMITED

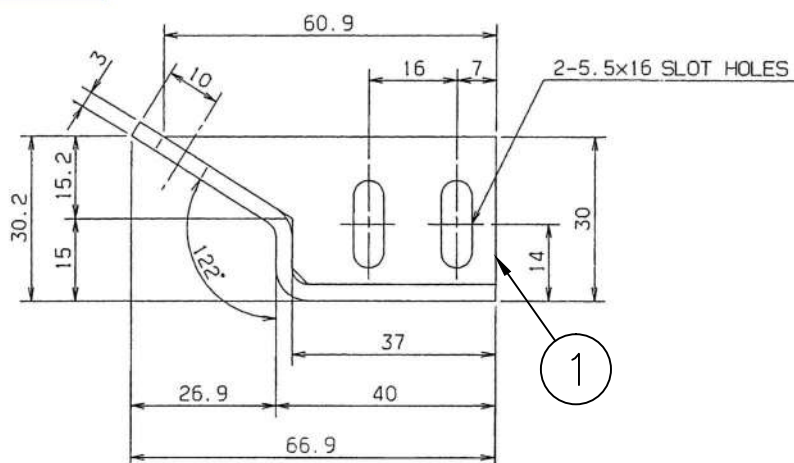
909-19508



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		






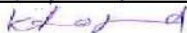

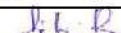
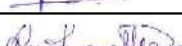

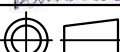



UN CONTROLLED



ASSY NO.	REMARK
909-19538-300	AS DRAWN
909-19538-301	OPP. HAND DRAWN

NOTE

1. WELDING SYMBOLS AS PER IS:2553.
2. WELDED AREAS SHALL BE PICKLED & PASSIVATED.
3. REMOVE ALL SHARP EDGES & BURRS.

2	1	909-19538-02	BRACKET 2		3THK	-		
1	1	909-19538-01	BRACKET 1		3THK	-		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION		SIZE	COMPANY STD./I.S	Wt. (Kg)	
						MATERIAL		
				PRODUCT	DMRC BG METRO CARS			
				REF DRG				
				MATERIAL	AISI304/SUS304-2B FINISH			
				HEAT TREAT.	APPD		02.04.2018	
				SURFACE TREAT.	REVD		02.04.2018	
				TITLE	CHKD		02.04.2018	
				BRACKET, GAS CYLINDER	DRWN		02.04.2018	
					SCALE		SHEET	Wt.(Kg)
					NTS		1 OF 1	-
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.		
						909-19538		
 BEML LIMITED								

36

15

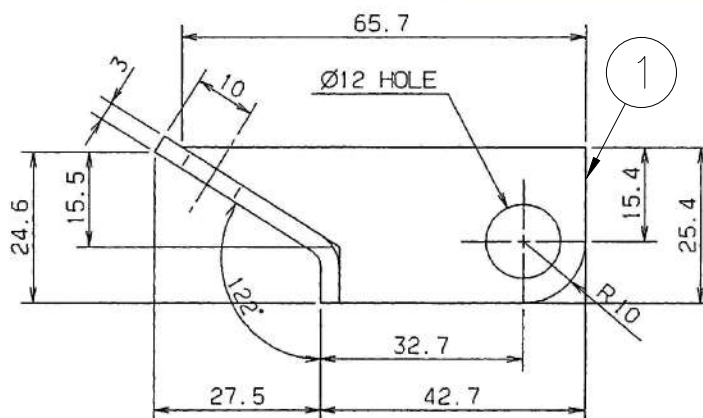
13

2

2-5.5x10 SLOT HOLES

141(TYP)

3



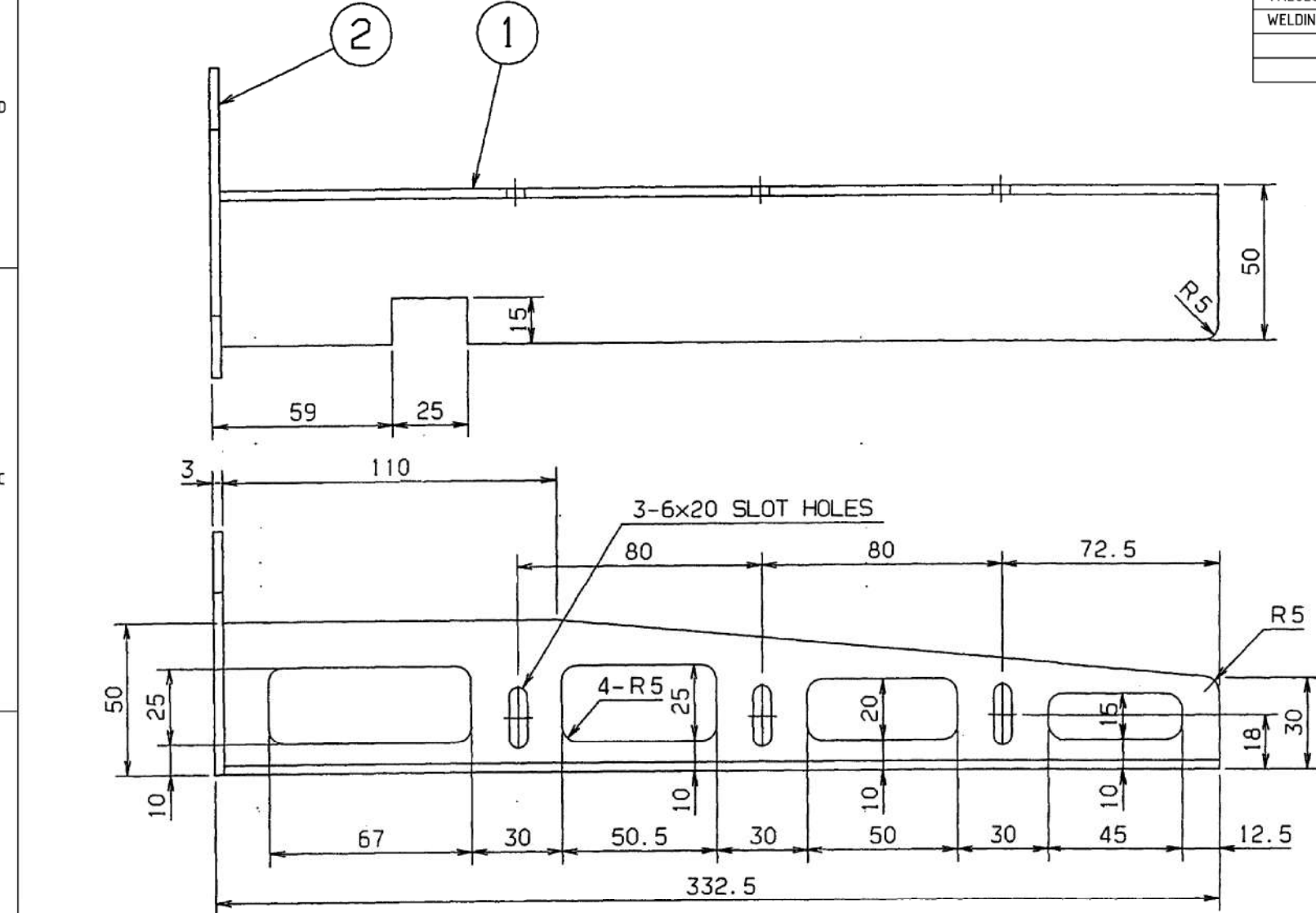
1. WELDING SYMBOLS AS PER IS:2553.
2. WELDED AREAS SHALL BE PICKLED & PASSIVATED.
3. REMOVE ALL SHARP EDGES & BURRS.

ASSY NO.	REMARK
909-19548-300	AS DRAWN
909-19548-301	OPP. HAND DRAWN

2	1	909-19548-02	BRACKET 2				3THK		-	
1	1	909-19548-01	BRACKET 1				3THK		-	
SL.No.	QTY	PART / STOCK No.				DESCRIPTION		SIZE	COMPANY STD./I.S	Wt. (Kg)
									MATERIAL	
						PRODUCT	DMRC BG METRO CARS			
						REF DRG				
						MATERIAL	AISI304/SUS304-2B FINISH			
						HEAT TREAT.		APPD		02.04.2018
						SURFACE TREAT.		REVD		02.04.2018
						TITLE	BRACKET, ROPE HOOK		CHKD	
DRWN		02.04.2018								
SCALE		SHEET	Wt.(Kg)							
NTS		1 OF 1	-							
						DRG No.				ALT
						909-19548				
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	APPD	BEM LIMITED <small>NEW FRONTIERS - NEW DREAMS</small>			

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DRAWING RELEASED FROM PLM, PHYSICAL SIGNATURE NOT REQUIRED

GRADE No.	VALUE	SYMBOL
N1	0.075	▽
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	▽
SURFACE		
ROUGHNESS		



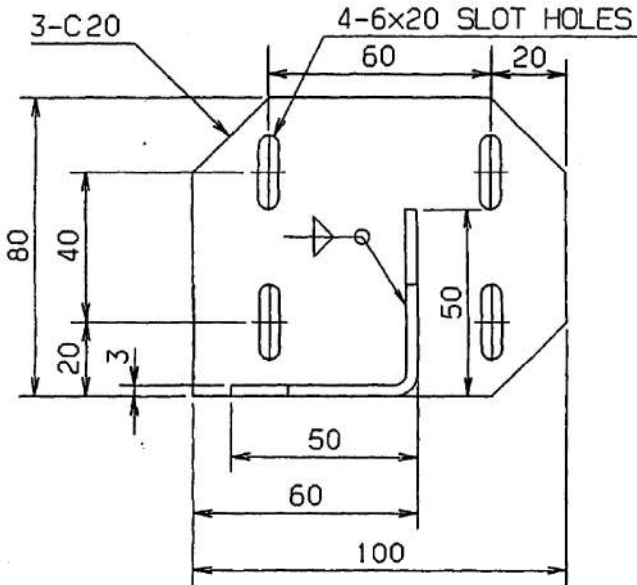
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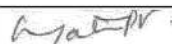
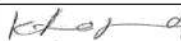

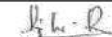
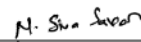





1. WELDING SYMBOLS AS PER ISO:2553.
2. WELD AREA SHALL BE PICKLED AND PASSIVATED.
3. REMOVE ALL SHARP EDGES AND BURRS.

ASSY NO	DIFFERENT PART NO		REMARK
	NO	PART NO	
909-19549-300	1	909-19549-302	AS DRAWN
	2	909-19549-02	
909-19549-301	1	909-19549-303	OPP. HAND DRAWN
	2	909-19549-02	

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										

UN CONTROLLED



2	1	SEE TABLE	BRACKET		3t	SUS304, 2B FINISH		
1	1	SEE TABLE	BRACKET		3t	SUS304, 2B FINISH		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION		SIZE	COMPANY STD./I.S	Wt. (Kg)	
						MATERIAL		
				PRODUCT	DMRC BG METRO CARS			
				REF DRG				
				MATERIAL				
				HEAT TREAT.	APPD		10.04.2018	
				SURFACE TREAT.	REVD		10.04.2018	
				TITLE	CHKD		10.04.2018	
				BRACKET LOWER END	DRWN		10.04.2018	
					SCALE		SHEET	Wt.
					1:5		1 OF 1	-
				 BEM LIMITED <small>NEW FRONTIER. NEW DREAMS</small>	DRG No.		ALT	
					909-19549			
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	APPD		

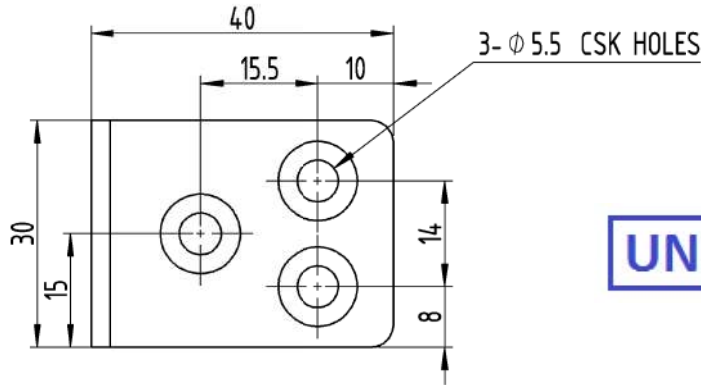
beml BEML LIMITED
NEW FRONTIERS. NEW DREAMS

909-19549

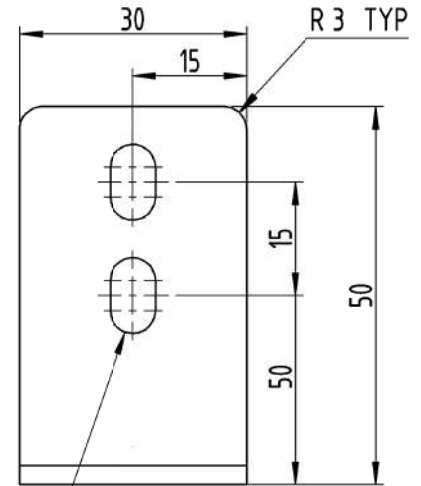
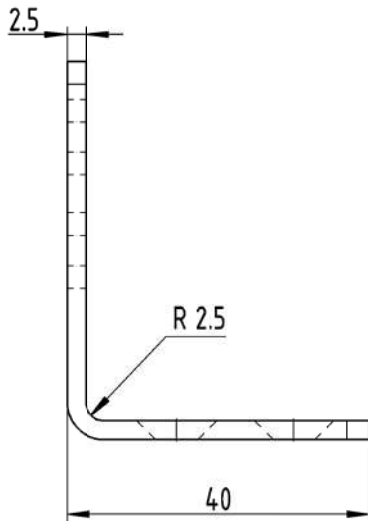
ALT

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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										



UN CONTROLLED

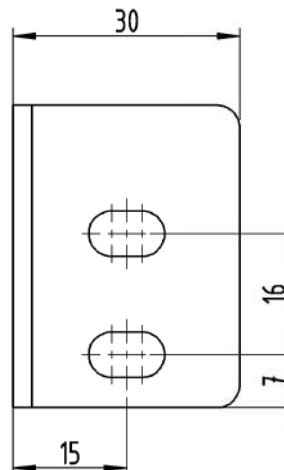


2- 6 x10 SLOT HOLES

NOTE: REMOVE ALL SHARP EDGES AND BURRS.

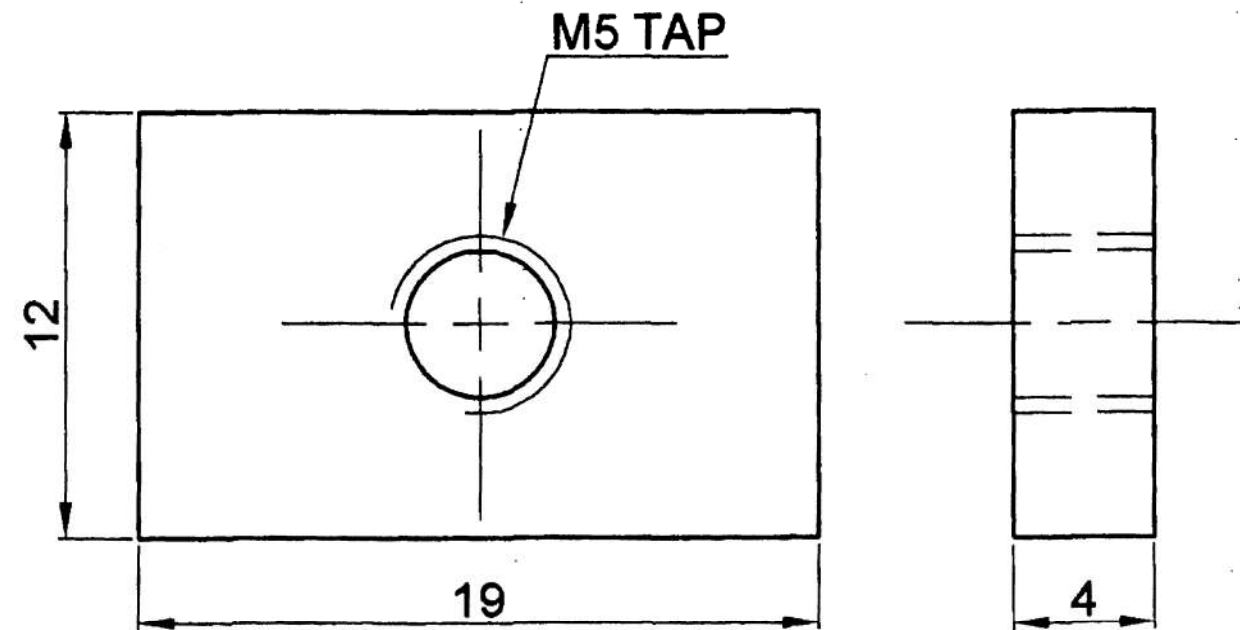
NG		0.8								85x30x2.5 THK													
N7		1.6								SL.No.		QTY		PART / STOCK No.		DESCRIPTION		SIZE		COMPANY STD./I.S		Wt. (Kg)	
N8		3.2																		MATERIAL			
N9		6.3																					
N10		12.5																					
N11		25																					
N12		50																					
GRADE No.		VALUE		SYMBOL																			
SURFACE		ROUGHNESS																					
ALT.NO.		ECN NO/CHANGES		DATE		BY		CHKD		APPD													

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: REMOVE ALL SHARP EDGES AND BURRS.

[illegible]

UN CONTROLLED

SL No	QTY	DRG. / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS STD	Wt.Kg
		DETAIL PARTS			MATERIAL	
			PRODUCT	DMRC BG METRO CARS		
				SURFACE TREATMENT		
				APPROVED	<i>[Signature]</i>	10-7-08
				CHECKED	<i>[Signature]</i>	10-7-08
				DRAWN	DHANRAJ	10-07-08
				REF DRG		
ALT	CHANGES /	ECN No.	DATE	BY	CHKD	APP
QTY	NEXT ASSY			MODEL		
BEML LIMITED R&D, BANGALORE COMPLEX BANGALORE 560 076			TITLE	NUT PAD		DRG No. 909-19560
						ALT 