

	N12	N11	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											

6	2	555-56360	PAD						
5	2	RFB1420655	HEX.HD.BOLT M6x55 TO IS:1364(Pt-3)-2002/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE						
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL						
3	2	525-56131-3	T-BOLT ASSY			ASSY			
2	1	525-56131-2	PLATE		t1	AISI 304			
1	2	525-56131-1	CLEAT			NYLON6			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE	COMPANY STD./I.S	Wt. (Kg)	
						MATERIAL			
					PRODUCT	MUMBAI METRO CARS L2 & L7			
					REF DRG				
					MATERIAL				
					HEAT TREAT.	APPD	VS		
					SURFACE TREAT.	REV'D			
					TITLE	CHKD	SNH		
					CLEAT ASSY, PG9	DRWN	JAGADISH	27.8.19	
						SCALE		SHEET	Wt.(Kg)
								OF	0
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	DRG No.			ALT
						525-56131			

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												

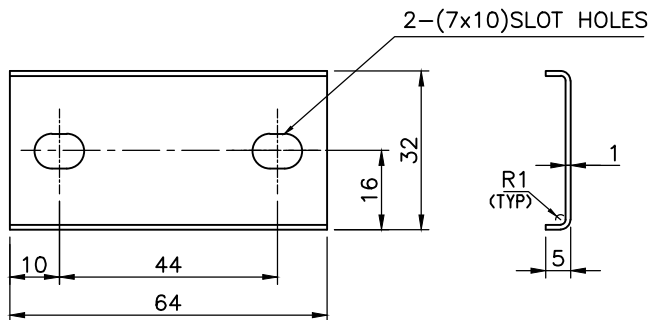
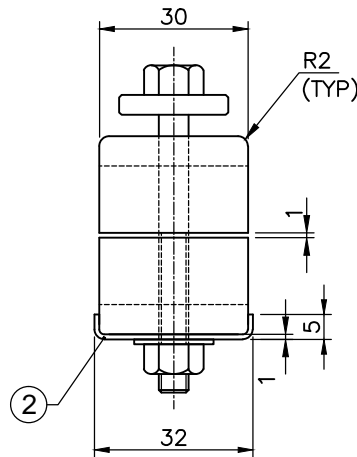
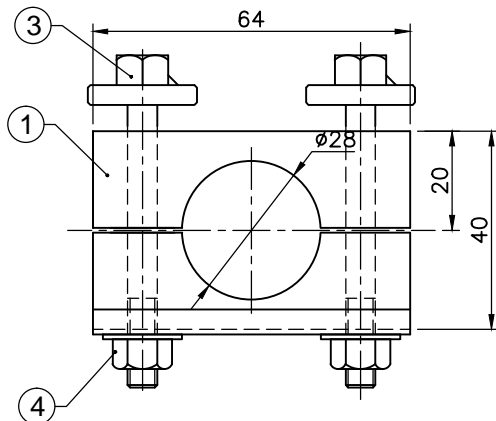
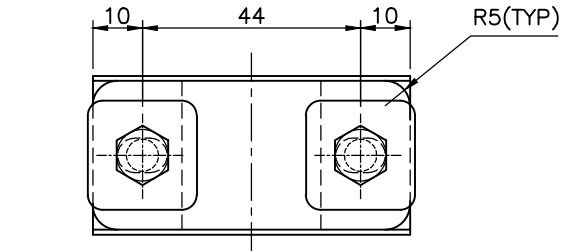
NOTE:

- UNCONTROLLED

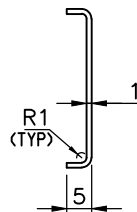
	2	1	A3
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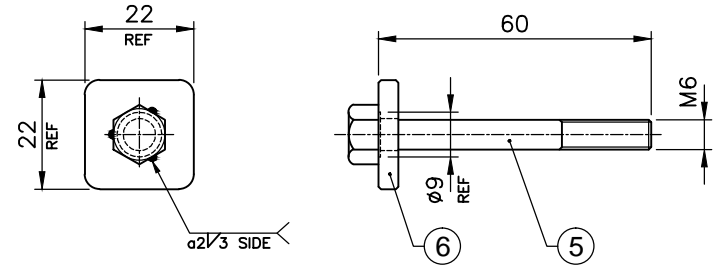
GRADE No.	VALUE	SYMBOL
N1	0.025	▽
N2	0.05	▽
N3	0.1	▽
N4	0.2	▽
N5	0.4	▽
N6	0.8	▽
N7	1.6	▽
N8	3.2	▽
N9	6.3	▽
N10	12.5	▽
N11	25	▽
N12	50	▽
SURFACE ROUGHNESS		



DETAIL-2



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:			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										









DETAIL-3

NOTE:

1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

UNCONTROLLED








6	2	555-56360	PAD						
5	2	RFB1420660	HEX.HD.BOLT M6x60 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE						
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL						
3	2	525-56133-3	T-BOLT ASSY			ASSY		B	
2	1	525-56133-2	PLATE		t1	AISI 304			
1	2	525-56133-1	CLEAT			NYLON6			
SL.No.	QTY	PART / STOCK No.	DESCRIPTION		SIZE	COMPANY STD./I/S	Wt. (Kg)		
						MATERIAL			
				PRODUCT	MUMBAI METRO CARS L2 & L7				A
				REF DRG					
				MATERIAL					
				HEAT TREAT.		APPD	VS		
				SURFACE TREAT.		REVD			
				TITLE	CHKD	SNH			
				CLEAT ASSY, PG21	DRWN	JAGADISH		27.8.19	
					SCALE		SHEET	Wt.(Kg)	
							OF	0	
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.		ALT	
						BEM BEML LIMITED			
						525-56133			










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												

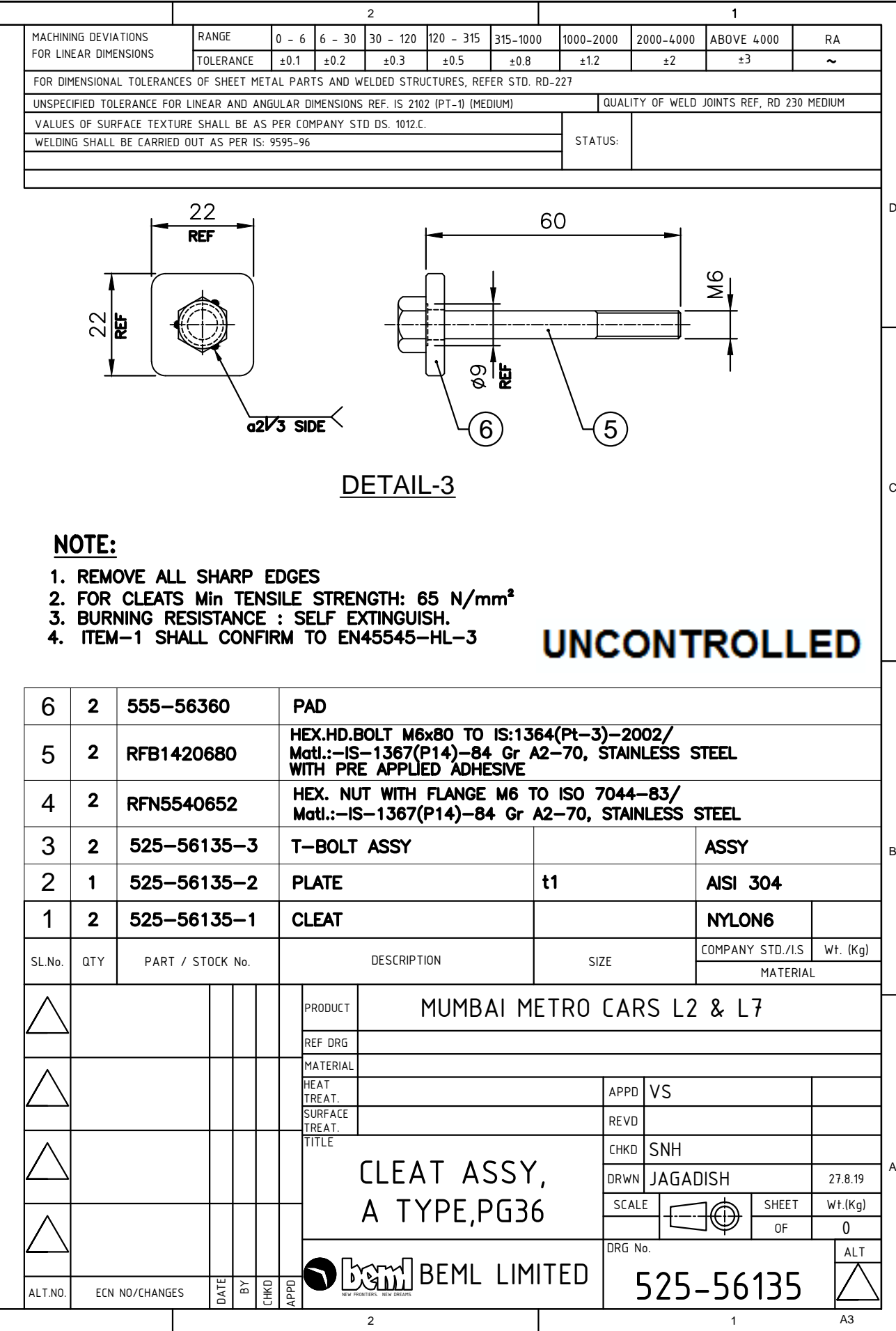


1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

UNCONTROLLED

6	2	555-56360	PAD		HEX.HD.BOLT M6x65 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
5	2	RFB1420665			HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
4	2	RFN5540652							
3	2	525-56134-3	T-BOLT ASSY			ASSY			
2	1	525-56134-2	PLATE		t1	AISI 304			
1	2	525-56134-1	CLEAT			NYLON6			
SL.No.	QTY	PART / STOCK No.		DESCRIPTION		SIZE	COMPANY STD./I.S		Wt. (Kg)
						MATERIAL			
					PRODUCT	MUMBAI METRO CARS L2 & L7			
					REF DRG	CP60001-404			
					MATERIAL				
					HEAT TREAT.			APPD	VS
					SURFACE TREAT.			REVD	
					TITLE			CHKD	SNH
					CLEAT ASSY, PG29		DRWN	JAGADISH	27.8.19
							SCALE		SHEET
								OF	0
					DRG No.				ALT
					BEML LIMITED		525-56134		
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	APPD			

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												



22  
REF

22  
REF

60

Ø 9  
REF

M6

5

6




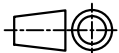



α2/3 SIDE

DETAIL-3

**NOTE:**

1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

**UNCONTROLLED**

6	2	555-56360	PAD										
5	2	RFB1420680	HEX.HD.BOLT M6x80 TO IS:1364(Pt-3)-2002/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE										
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL										
3	2	525-56135-3	T-BOLT ASSY								ASSY		
2	1	525-56135-2	PLATE					t1			AISI 304		
1	2	525-56135-1	CLEAT								NYLON6		
SL.No.	QTY	PART / STOCK No.		DESCRIPTION					SIZE		COMPANY STD./I.S		Wt. (Kg)
												MATERIAL	
							PRODUCT	MUMBAI METRO CARS L2 & L7					
							REF DRG						
							MATERIAL						
							HEAT TREAT.				APPD	VS	
							SURFACE TREAT.				REVD		
							TITLE				CHKD	SNH	
							CLEAT ASSY, A TYPE,PG36			DRWN	JAGADISH	27.8.19	
										SCALE		SHEET	Wt.(Kg)
											OF	0	
							 BEM LIMITED			DRG No.		ALT	
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	APPD				525-56135			

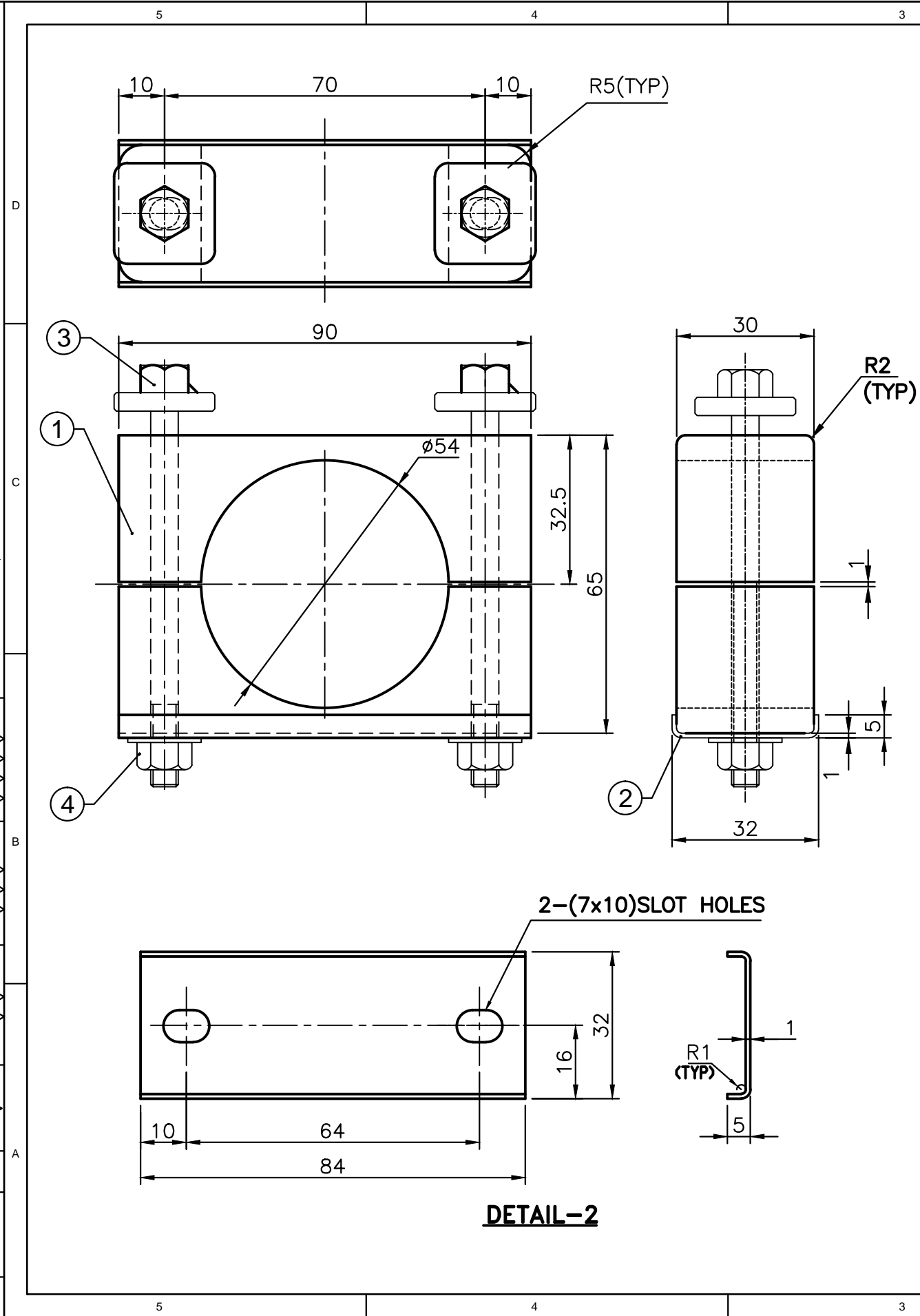
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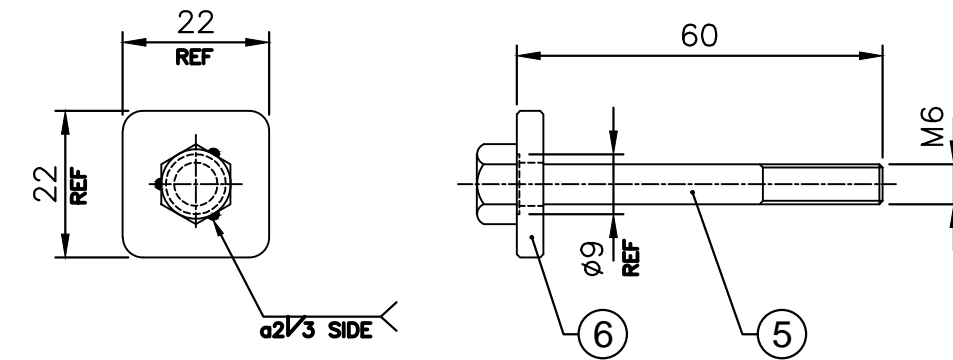
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GRADE No.	VALUE	SYMBOL
N1	0.025	▽
N2	0.05	▽
N3	0.1	▽
N4	0.2	▽
N5	0.4	▽
N6	0.8	▽
N7	1.6	▽
N8	3.2	▽
N9	6.3	▽
N10	12.5	▽
N11	25	▽
N12	50	▽
ROUGHNESS		








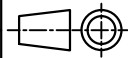


		2					1			
MACHINING DEVIATIONS FOR LINEAR DIMENSIONS	RANGE	0 - 6	6 - 30	30 - 120	120 - 315	315-1000	1000-2000	2000-4000	ABOVE 4000	RA
	TOLERANCE	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	~
FOR DIMENSIONAL TOLERANCES OF SHEET METAL PARTS AND WELDED STRUCTURES, REFER STD. RD-227										
UNSPECIFIED TOLERANCE 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:				
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										












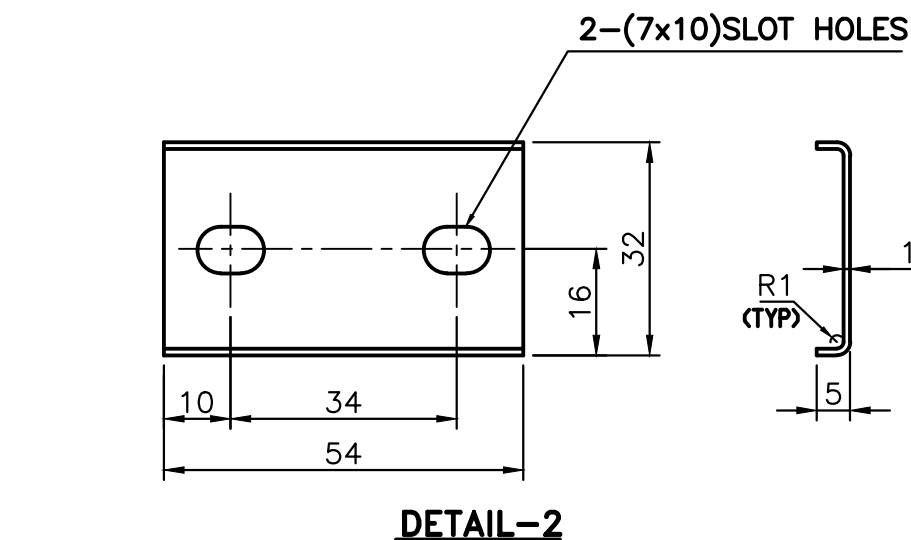
DETAIL-3

- NOTE:**
- 1. REMOVE ALL SHARP EDGES
  - 2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
  - 3. BURNING RESISTANCE : SELF EXTINGUISH.
  - 4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

UNCONTROLLED

6	2	555-56360	PAD						
5	2	RFB1420680	HEX.HD.BOLT M6x80 TO IS:1364(Pt-3)-2002/ Matl.:IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE						
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.:IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL						
3	2	525-56136-3	T-BOLT ASSY				ASSY		
2	1	525-56136-2	PLATE			t1	AISI 304		
1	2	525-56136-1	CLEAT				NYLON6		
SL.No.	QTY	PART / STOCK No.		DESCRIPTION			SIZE	COMPANY STD./I.S	Wt. (Kg)
								MATERIAL	
					PRODUCT	MUMBAI METRO CARS L2 & L7			
					REF DRG				
					MATERIAL				
					HEAT TREAT.	APPD	VS		
					SURFACE TREAT.	REVD			
					TITLE	CHKD	SNH		
					CLEAT ASSY, A TYPE,PG48	DRWN	JAGADISH	27.8.19	
						SCALE		SHEET	Wt.(Kg)
								OF	0
					 BEML LIMITED <small>NEW PROVIDERS NEW ORIENTS</small>	DRG No.			ALT
ALT.NO.		ECN NO/CHANGES		DATE		BY	CHKD	APPD	525-56136
									








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												












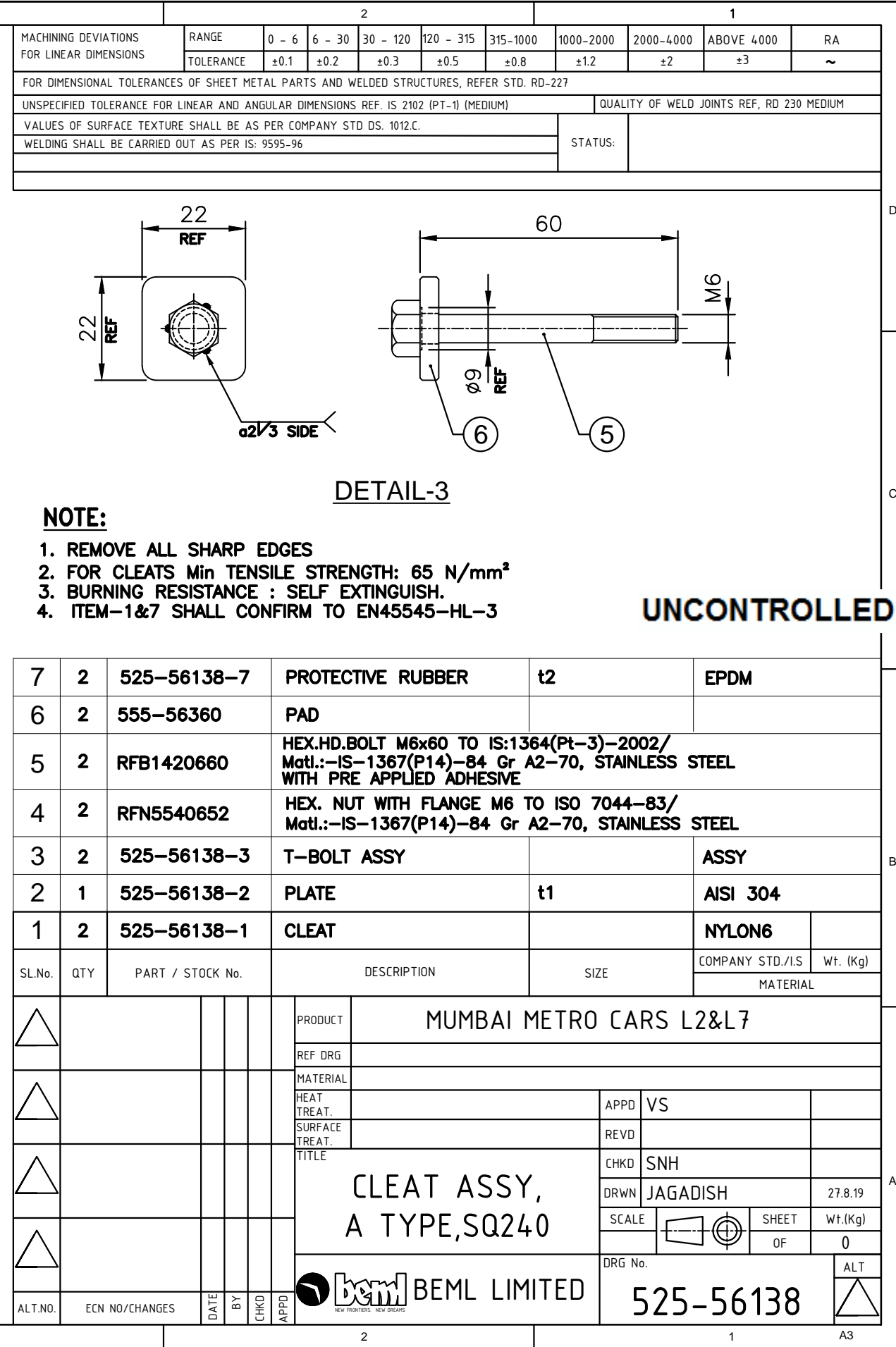
**NOTE:**





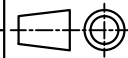


1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1&7 SHALL CONFIRM TO EN45545-HL-3

UNCONTROLLED

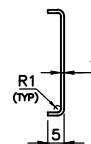
7	2	525-56137-7	PROTECTIVE RUBBER	t2	EPDM		
6	2	555-56360	PAD				
5	2	RFB1420650	HEX.HD.BOLT M6x50 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56137-3	T-BOLT ASSY		ASSY		
2	1	525-56137-2	PLATE	t1	AISI 304		
1	2	525-56137-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2 & L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY, A TYPE,SQ50	DRWN	JAGADISH	27.8.19	
				SCALE		SHEET	Wt.(Kg)
						OF	0
			DRG No.			ALT	
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	 BEML LIMITED	
						525-56137	
							

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												



7	2	525-56138-7	PROTECTIVE RUBBER	t2	EPDM		
6	2	555-56360	PAD				
5	2	RFB1420660	HEX.HD.BOLT M6x60 TO IS:1364(Pt-3)-2002/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56138-3	T-BOLT ASSY		ASSY		
2	1	525-56138-2	PLATE	t1	AISI 304		
1	2	525-56138-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2&L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY, A TYPE,SQ240	DRWN	JAGADISH	27.8.19	
				SCALE		SHEET	Wt.(Kg)
						OF	0
ALT.No.	ECN NO/CHANGES	DATE	BY	CHKD	APPO	DRG No.	
						525-56138	
			 BEML LIMITED				

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. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

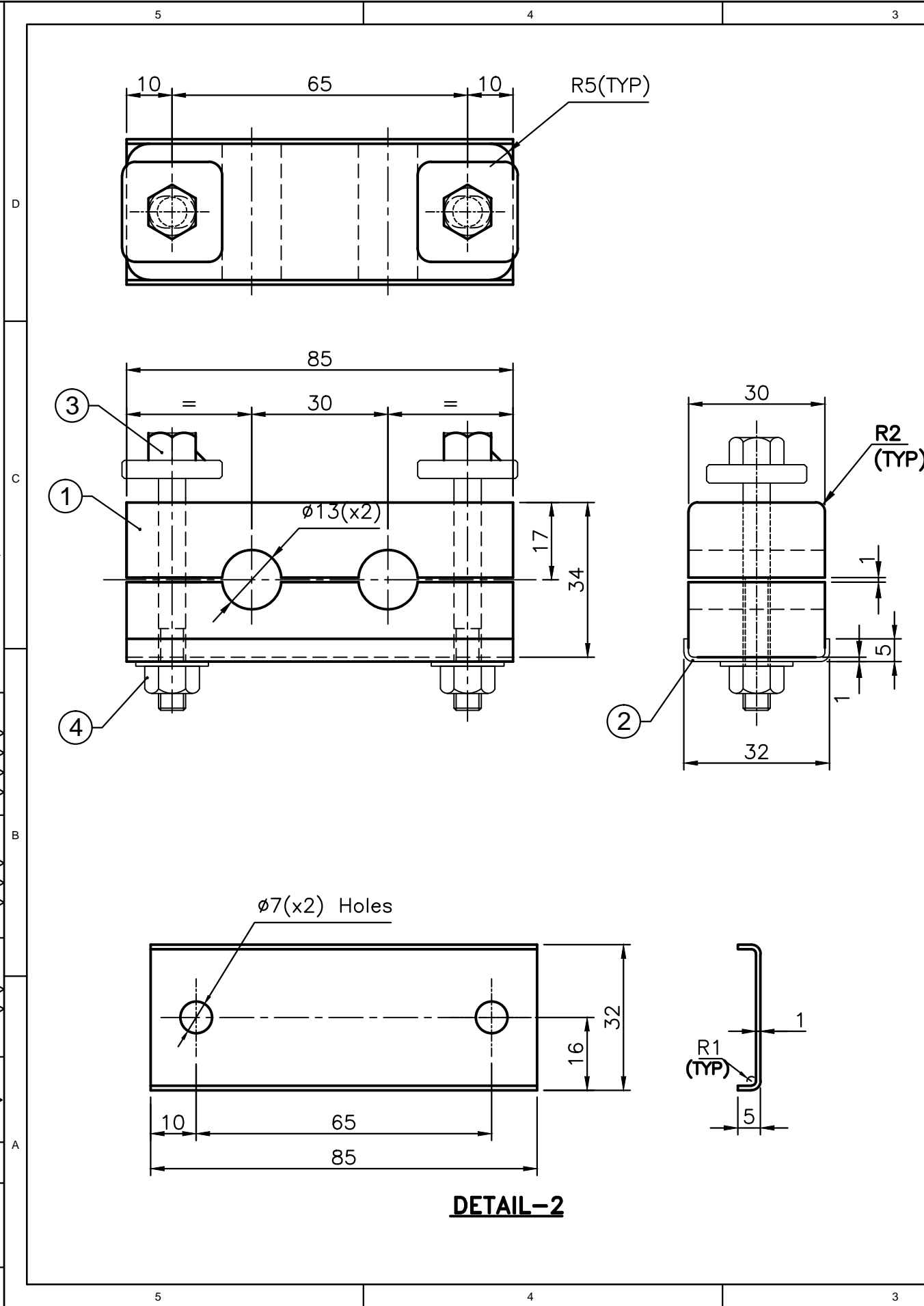
DETAIL-3

UNCONTROLLED

6	2	555-56360	PAD		
5	2	RFB1420665	HEX.HD.BOLT M6x65 TO IS:1364(Pt-3)-2002/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE		
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL		
3	2	525-56139-3	T-BOLT ASSY		ASSY
2	1	525-56139-2	PLATE	t1	AISI 304
1	2	525-56139-1	CLEAT		NYLON6
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS
					Wt. (Kg)
					MATERIAL
			PRODUCT	MUMBAI METRO CARS L2&L7	
			REF DRG		
			MATERIAL		
			HEAT TREAT.		
			SURFACE TREAT.		
			TITLE		
			CLEAT ASSY	APPD	VS
				REV D	
				CHKD	SNH
				DRWN	VISHNU
			SCALE		SHEET
					OF
			DRG No.		
			ALT		
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD
			b e m l B E M L LIMITED		
			525-56139		

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



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:			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96											

22

REF

22

REF

α2√3 SIDE

55

Ø9

REF

6

5

M6

DETAIL-3

NOTE:

1. REMOVE ALL SHARP EDGES






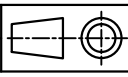

2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm²

3. BURNING RESISTANCE : SELF EXTINGUISH.

4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

UNCONTROLLED

6	2	555-56360	PAD		
5	2	RFB1420655	HEX.HD.BOLT M6x55 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE		
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL		
3	2	525-56140-3	T-BOLT ASSY		ASSY
2	1	525-56140-2	PLATE	t1	AISI 304
1	2	525-56140-1	CLEAT		NYLON6

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	MATERIAL		
					COMPANY STD./I.S	Wt. (Kg)	
			PRODUCT	MUMBAI METRO CARS L2&L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY, PG9xPG9	DRWN	JAGADISH	29.8.19	
				SCALE		SHEET	Wt.(Kg)
					OF	0	
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	APPD	
						BEML LIMITED	
			525-56140			ALT	

4








1









A3

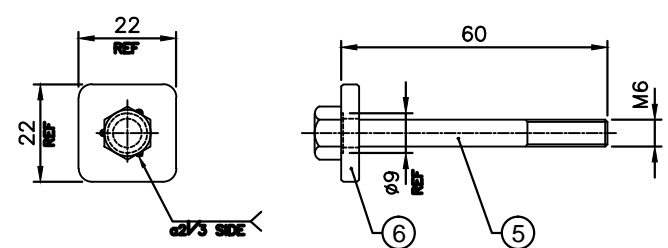
GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025
SYMBOL												

1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

6	2	555-56360	PAD				
5	2	RFB1420655	HEX.HD.BOLT M6x55 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56141-3	T-BOLT ASSY		ASSY		
2	1	525-56141-2	PLATE	t1	AISI 304		
1	2	525-56141-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2&L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD VS			
			SURFACE TREAT.	REVD			
			TITLE	CHKD SNH			
			CLEAT ASSY, PG16xPG16	DRWN JAGADISH	29.8.19		
				SCALE	SHEET OF	Wt.(Kg) 0	
				DRG No. <b>525-56141</b>			
ALT.NO.	ECN NO/CHANGES	DATE BY CHKD APPD	BEML LIMITED <small>NEW HONGKONG NEW GUERNEY</small>				

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												

7	4	52-56142-7	PROTECTIVE RUBBER	t2	EPDM		
6	2	52-56142-6	PAD				
5	2	RFB1420660	HEX.HD.BOLT M6x60 TO IS:1364(Pt-3)-2002/ Matl.:—IS-1367(P14)—84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.:—IS-1367(P14)—84 Gr A2-70, STAINLESS STEEL				
3	2	52-56142-3	T-BOLT ASSY		ASSY		
2	1	52-56142-2	PLATE	t1	AISI 304		
1	2	52-56142-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I/S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2 & L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY, PG29XPG29	DRWN	JAGADISH	29.08.19	
				SCALE		SHEET	Wt.(Kg)
						OF	0
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.	
			 BEML LIMITED			525-56142	
						ALT 	









**UNCONTROLLED**

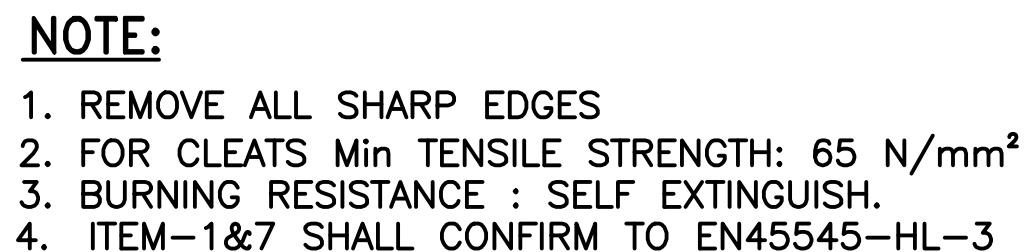
DETAIL-2

1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1&7 SHALL CONFIRM TO EN45545-HL-3










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													

7	4	525-56144-7	PROTECTIVE RUBBER	t2	EPDM		
6	2	525-56144-6	PAD				
5	2	RFB1420680	HEX.HD.BOLT M6x80 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56144-3	T-BOLT ASSY		ASSY		
2	1	525-56144-2	PLATE	t1	AISI 304		
1	2	525-56144-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2 & L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY, PG48XPG48	DRWN	JAGADISH	29.08.19	
				SCALE		SHEET	Wt.(Kg)
						OF	0
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.	
						525-56144	
				BEML LIMITED		ALT	
							



**UNCONTROLLED**

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												

Technical drawing of Detail-3, showing a front view and a side view of a mechanical component.

The front view (left) shows a square component with rounded corners, 22mm wide and 22mm high. It features a central circular feature. A callout '22/3 SIDE' points to the side view.

The side view (right) shows a cylindrical component with a diameter of 9mm, a length of 55mm, and a threaded section with an M6 thread. The component is labeled with circled numbers 5 and 6.

DETAIL-3

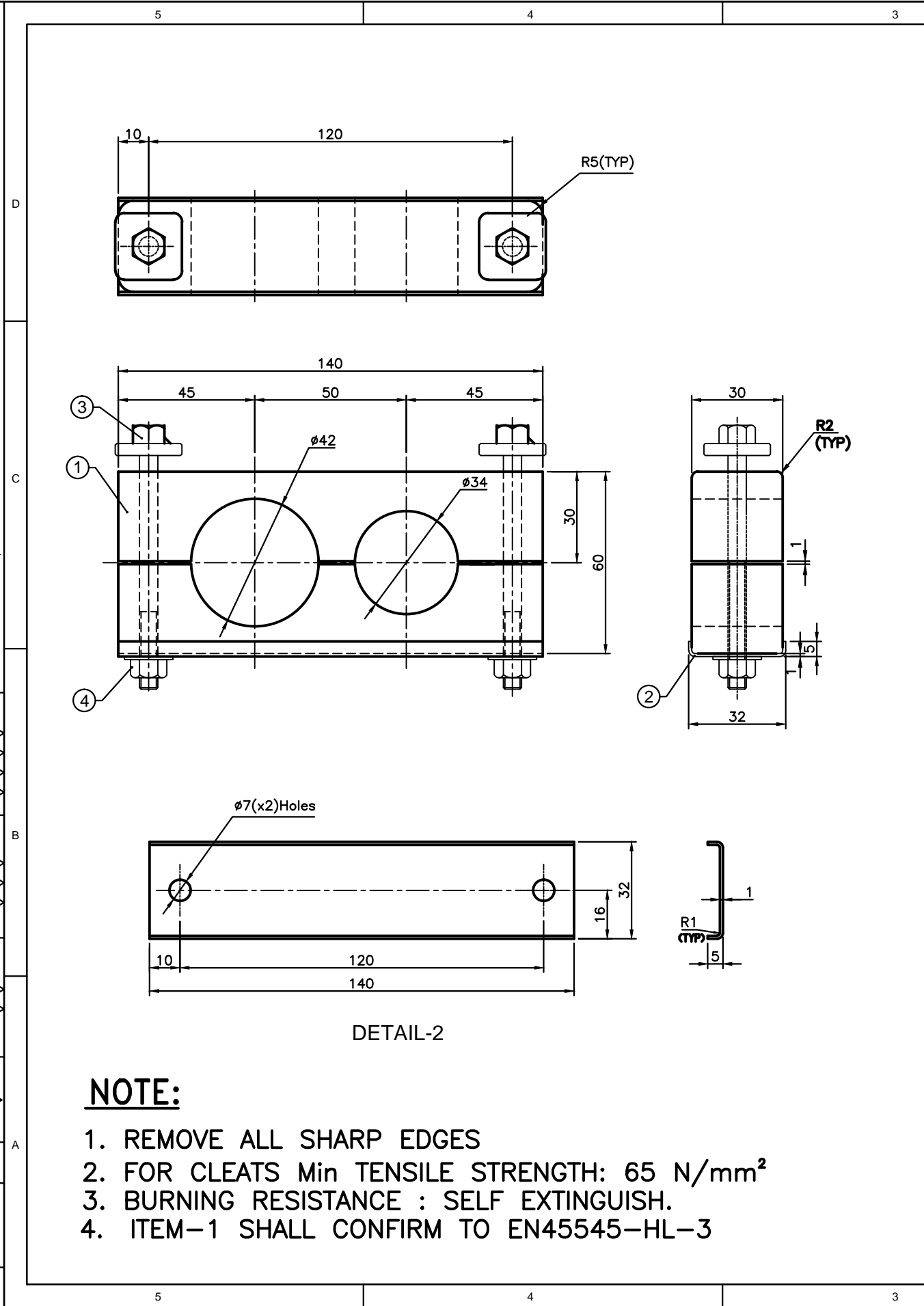


1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1&7 SHALL CONFIRM TO EN45545-HL-3

	2	1	A3
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GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
SYMBOL												
SURFACE												
ROUGHNESS												



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:			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96											
UNCONTROLLED											

DETAIL-3

6	2	555-56360	PAD		
5	2	RFB1420675	HEX.HD.BOLT M6x75 TO IS:1364(Pt-3)-2002/ Matl.:IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE		
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.:IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL		
3	2	525-56146-3	T-BOLT ASSY		ASSY
2	1	525-56146-2	PLATE	t1	AISI 304
1	2	525-56146-1	CLEAT		NYLON6

SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	MATERIAL		
					COMPANY STD./I.S	Wt. (Kg)	
			PRODUCT	MUMBAI METRO CARS L2 & L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY, D42x34	DRWN	JAGADISH	29.08.19	
				SCALE		SHEET	Wt.(Kg)
					OF	0	
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.	ALT
						525-56146	

BEML LIMITED

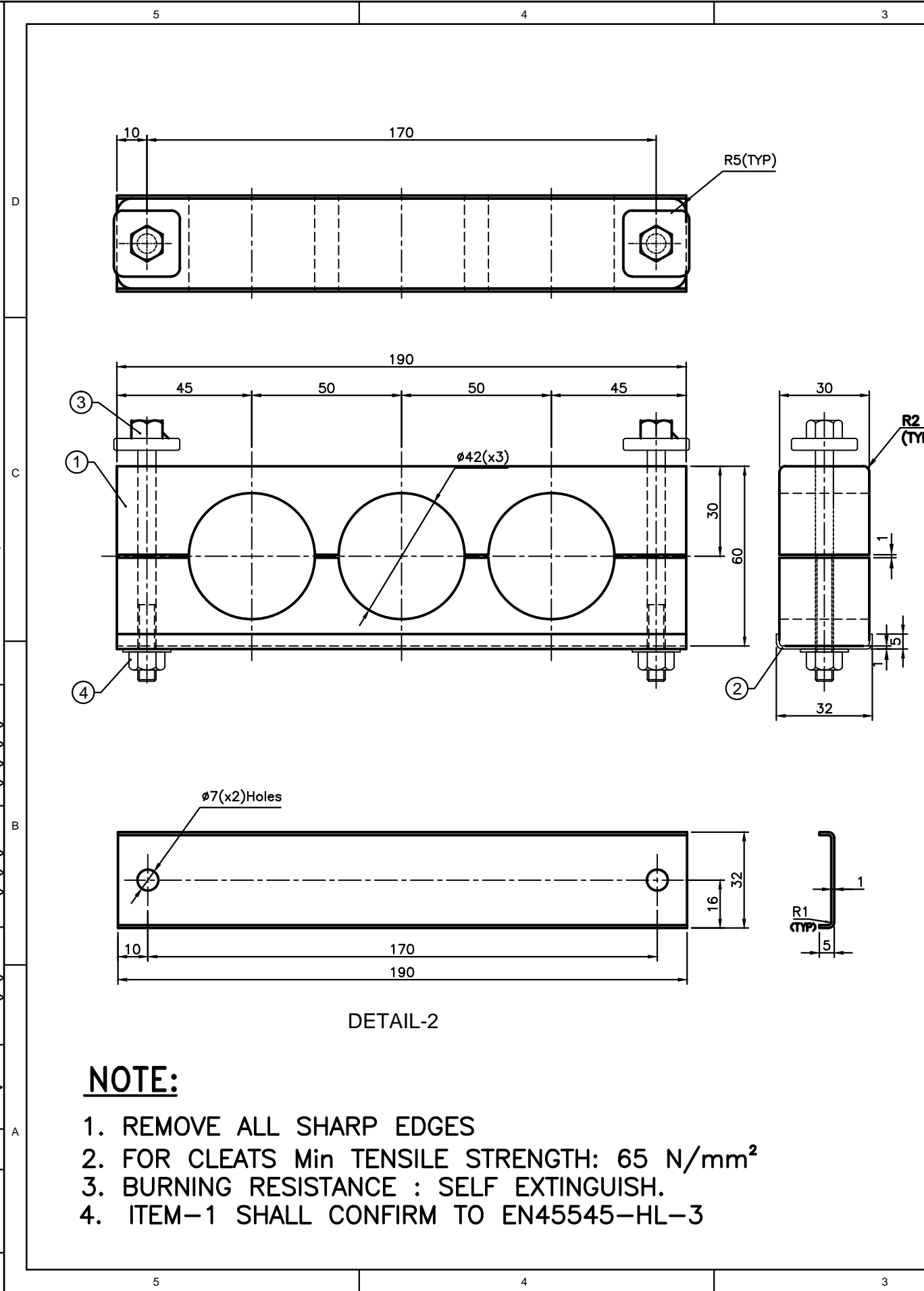
525-56146

1

A3

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



NOTE:

1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

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:			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96											

2  
(YP)

DETAIL-3

UNCONTROLLED









6	2	555-56360	PAD		
5	2	RFB1420675	HEX.HD.BOLT M6x75 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE		
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL		
3	2	525-56147-1	T-BOLT ASSY		ASSY
2	1	525-56147-1	PLATE	t1	AISI 304
1	2	525-56147-1	CLEAT		NYLON6









SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	MATERIAL		
					COMPANY STD./I.S	Wt. (Kg)	
			PRODUCT	MUMBAI METRO CARS L2 & L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY, D42x3	DRWN	JAGADISH	29.08.19	
				SCALE		SHEET	Wt.(Kg)
					OF	0	
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	APPD	
						BEML LIMITED	
					DRG No.		
					525-56147		
					ALT		

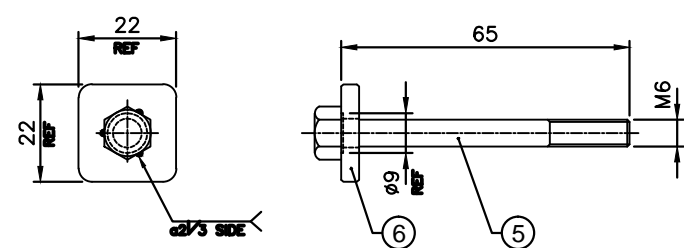
2

1

A3

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													










6	2	555-56360	PAD				
5	2	RFB1420665	HEX.HD.BOLT M6x65 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56148-3	T-BOLT ASSY		ASSY		
2	1	525-56148-2	PLATE	t1	AISI 304		
1	2	525-56148-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2 & L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY, D34x3	DRWN	JAGADISH	29.08.19	
				SCALE		SHEET	Wt.(Kg)
						OF	0
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.	
						525-56148	
 BEML LIMITED <small>NEW HONGKONG NEW GUINEA</small>							











UNCONTROLLED

DETAIL-2

1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

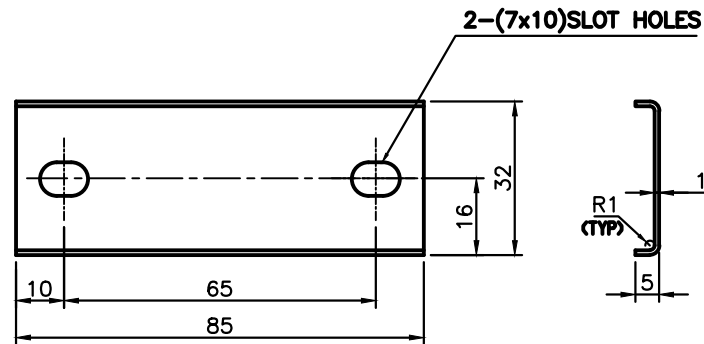
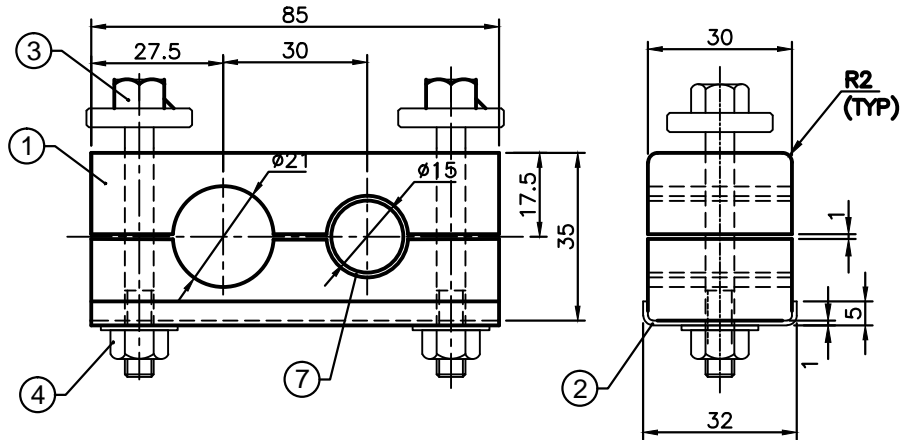
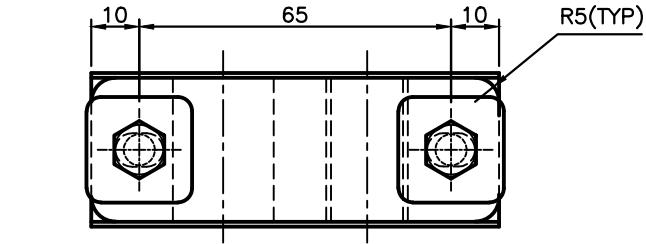
GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1	
VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025	
SYMBOL													

6	2	555-56360	PAD				
5	2	RFB1420665	HEX.HD.BOLT M6x65 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56149-3	T-BOLT ASSY		ASSY		
2	1	525-56149-2	PLATE	t1	AISI 304		
1	2	525-56149-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)	
						MATERIAL	
			PRODUCT	MUMBAI METRO CARS L2 & L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY, D21x3	DRWN	JAGADISH	29.08.19	
				SCALE	 	SHEET	Wt.(Kg)
						OF	0
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.	ALT
						BEML LIMITED	525-56149
							

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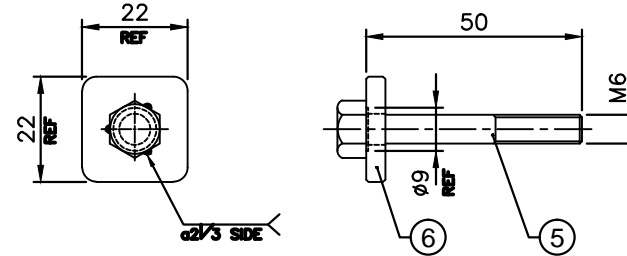
GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
VALUE	0.25	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
SYMBOL												

SURFACE  
ROUGHNESS



DETAIL-2

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:		
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										










DETAIL-3

NOTE:

1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1&7 SHALL CONFIRM TO EN45545-HL-3

UNCONTROLLED

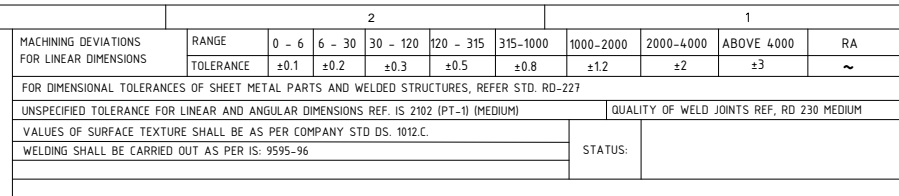
7	2	525-56150-7	PROTECTIVE RUBBER	t1	EPDM			
6	2	555-56360	PAD					
5	2	RFB1420650	HEX.HD.BOLT M6x50 TO IS:1364(Pt-3)-2002/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE					
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL					
3	2	525-56150-3	T-BOLT ASSY		ASSY			
2	1	525-56150-2	PLATE	t1	AISI 304			
1	2	525-56150-1	CLEAT		NYLON6			
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./LS	Wt. (Kg)		
					MATERIAL			
			PRODUCT	MUMBAI METRO CARS L2&L7				
			REF DRG					
			MATERIAL					
			HEAT TREAT.	APPD	VS			
			SURFACE TREAT.	REVD				
			TITLE	CHKD	SNH			
			CLEAT ASSY, PG9xSQ50	DRWN	VISHNU	27.11.19		
				SCALE		SHEET OF	Wt.(Kg) 0	
				DRG No.			ALT	
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	 BEML LIMITED <small>new products, new ideas</small>	525-56150	

**beml** BEML LIMITED

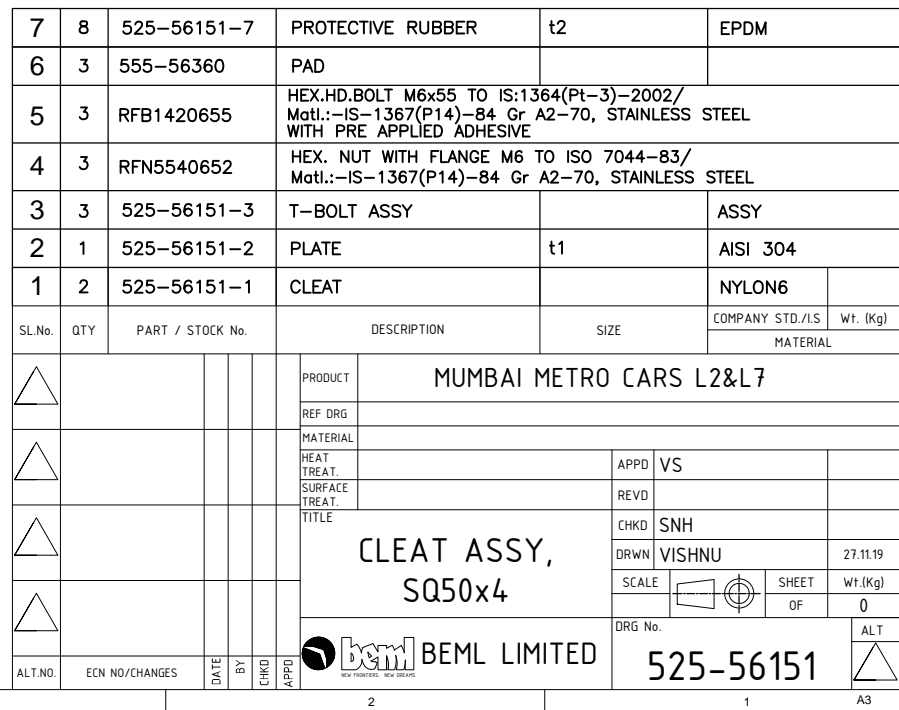
525-56150

A3

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												

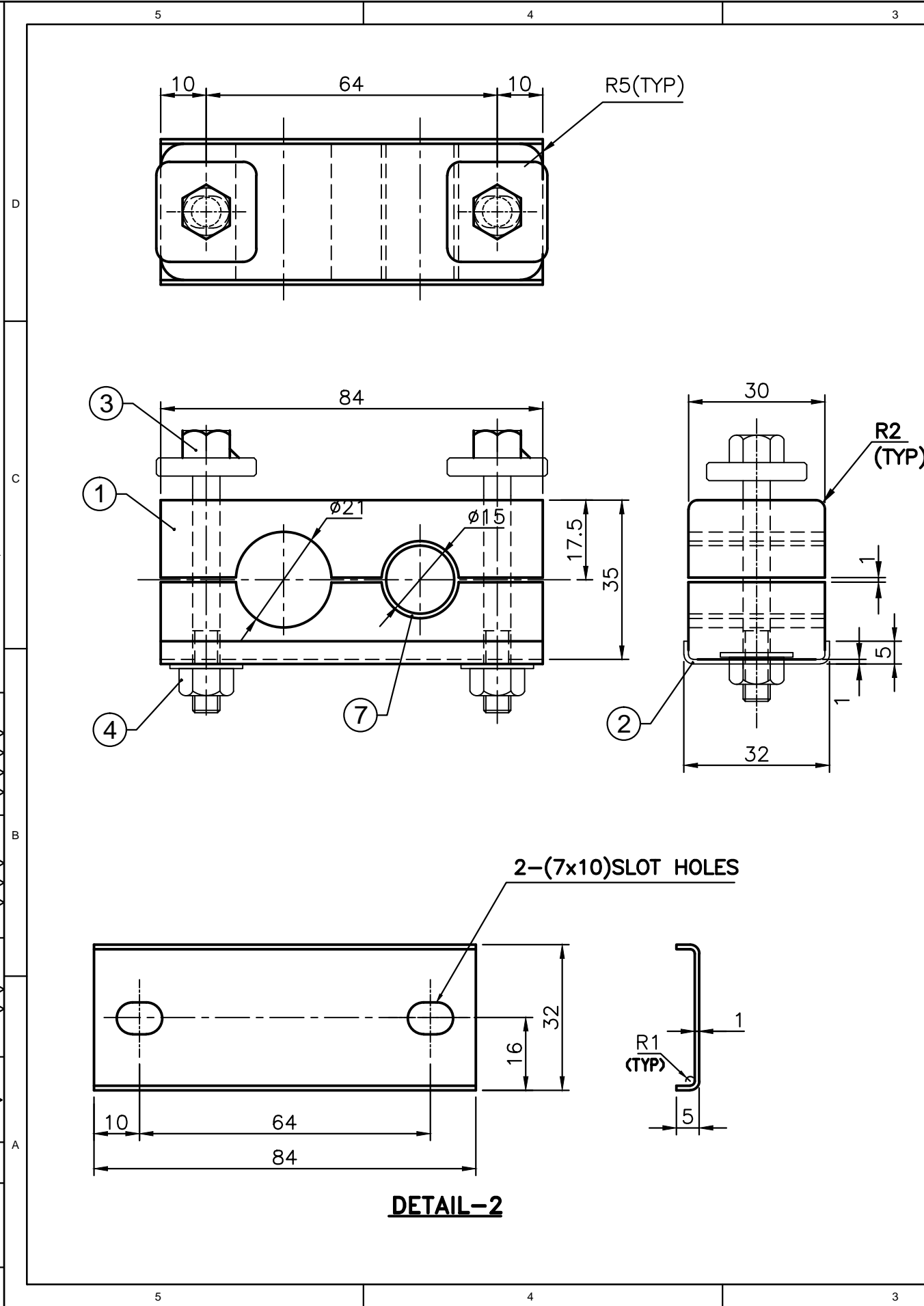


1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1&7 SHALL CONFIRM TO EN45545-HL-3



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



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:			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96											

22

REF

22

REF










α2√3 SIDE

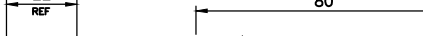
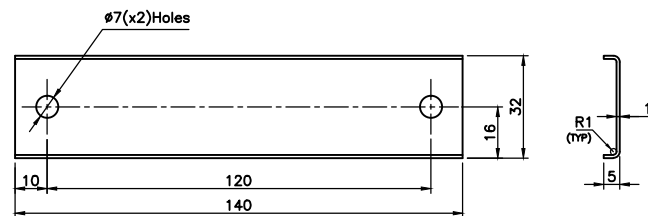
60

Ø9





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6

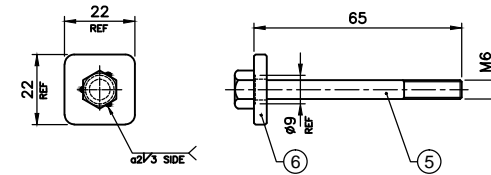
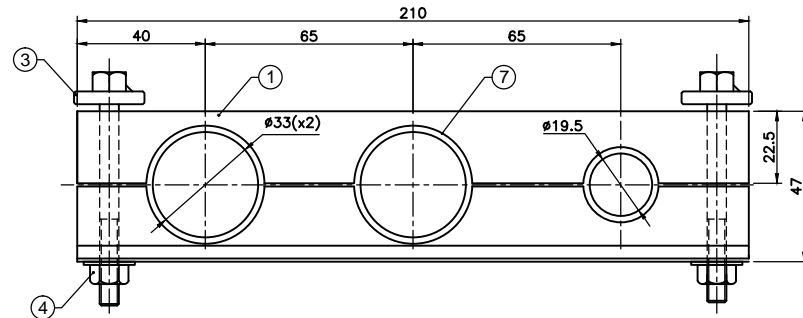
GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1	
VALUE	50/	25/	12.5/	6.3/	3.2/	1.6/	0.8/	0.4/	0.2/	0.1/	0.05/	0.025/	
SYMBOL													



Technical drawings of the 1000 Series 1/2" components. The left drawing shows a top view of a square component with a central circular feature. Dimensions include 22 REF for the width and height, and 22 REF for the distance from the center to the edges. A note indicates '22/3 SIDE'. The right drawing shows a side view of a cylindrical component. Dimensions include 80 for the length, 6 for the diameter of the central section, and M6 for the thread. A note indicates '22/3 SIDE'.







7	10	525-56153-7	PROTECTIVE RUBBER	t2	EPDM		
6	2	555-56360	PAD				
5	2	RFB1420680	HEX.HD.BOLT M6x80 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56153-3	T-BOLT ASSY		ASSY		
2	1	525-56153-2	PLATE	t1	AISI 304		
1	2	525-56153-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I/S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2&L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REV0			
			TITLE	CHKD	SNH		
			CLEAT ASSY, SQ50x5xPG9	DRWN	VISHNU	27.11.19	
				SCALE		SHEET	Wt.(Kg)
						OF	0
				DRG No.	ALT		
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	BEML LIMITED	
525-56153							









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												

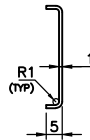
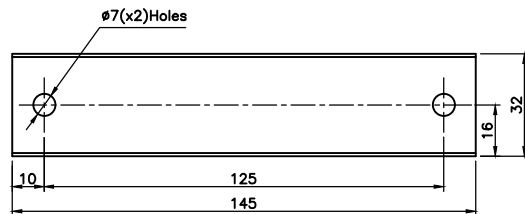
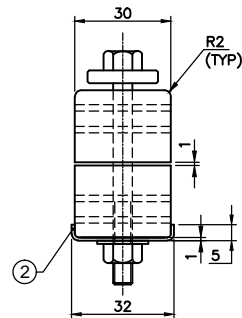
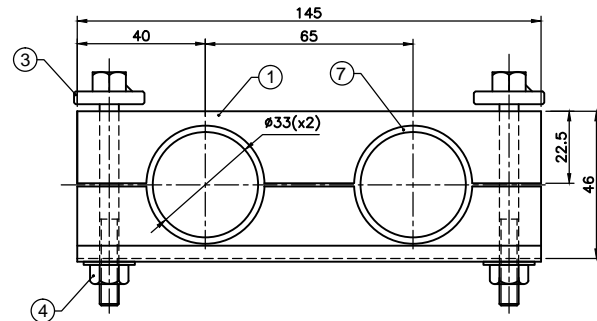


**NOTE:**

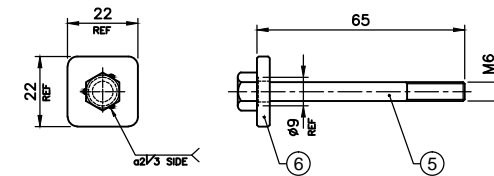
1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1&7 SHALL CONFIRM TO EN45545-HL-3

7	6	525-56154-7	PROTECTIVE RUBBER		t2	EPDM		
6	2	555-56360	PAD					
5	2	RFB1420665	HEX.HD.BOLT M6x65 TO IS:1364(Pt-3)-2002/ Matl.:—IS-1367(P14)—84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE					
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.:—IS-1367(P14)—84 Gr A2-70, STAINLESS STEEL					
3	2	525-56154-3	T-BOLT ASSY			ASSY		
2	1	525-56154-2	PLATE		t1	AISI 304		
1	2	525-56154-1	CLEAT			NYLON6		
SL.No.	QTY	PART / STOCK No.		DESCRIPTION	SIZE	COMPANY STD./IS	Wt. (Kg)	
						MATERIAL		
				PRODUCT	MUMBAI METRO CARS L2&L7			
				REF DRG				
				MATERIAL				
				HEAT TREAT.	APPD	VS		
				SURFACE TREAT.	REVD			
				TITLE	CHKD	SNH		
				CLEAT ASSY, SQ240x2xSQ95	DRWN	VISHNU	27.11.19	
					SCALE		SHEET OF	Wt.(Kg) 0
					DRG No.			ALT
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	APPD	BEML LIMITED <small>NEW FOREST, NEW DELHI</small>	
							525-56154	

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												










DETAIL-2

UNCONTROLLED










DETAIL-3

**NOTE:**

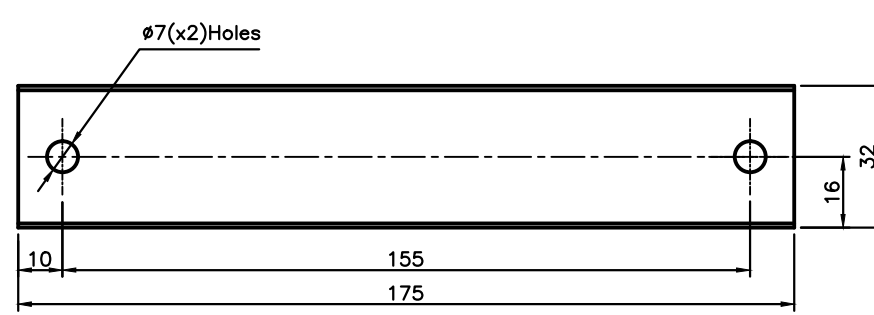
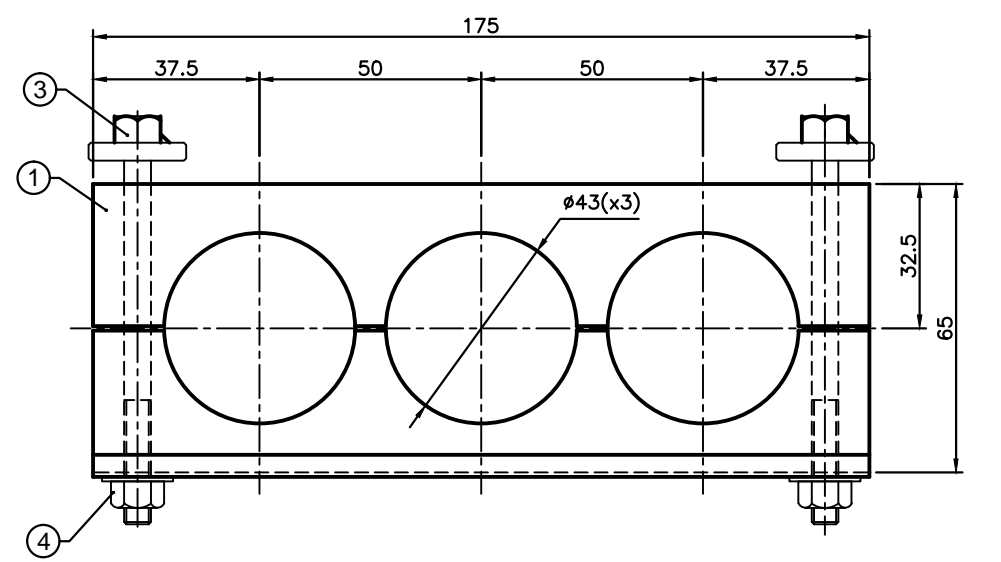
1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1&7 SHALL CONFIRM TO EN45545-HL-3

7	4	525-56155-7	PROTECTIVE RUBBER	t2	EPDM		
6	2	555-56360	PAD				
5	2	RFB1420665	HEX.HD.BOLT M6x65 TO IS:1364(Pt-3)-2002/ Matl.:--IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.:--IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56155-3	T-BOLT ASSY		ASSY		
2	1	525-56155-2	PLATE	t1	AISI 304		
1	2	525-56155-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I/S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2&L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY, SQ240x2	DRWN	VISHNU	27.11.19	
				SCALE		SHEET OF	Wt.(Kg) 0
				DRG No.	ALT		
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	PPD	
			 <b>BEML LIMITED</b> <small>NEW FRANCHISE, NEW DELHI</small>			525-56155	
							

A3

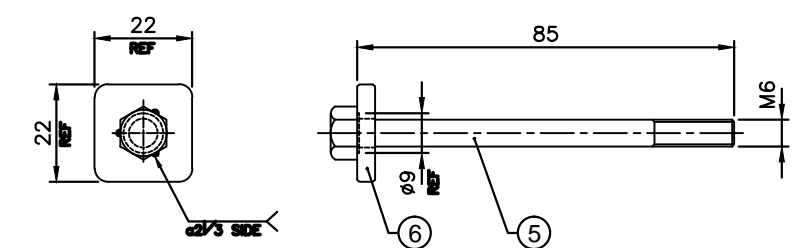
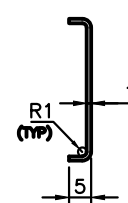
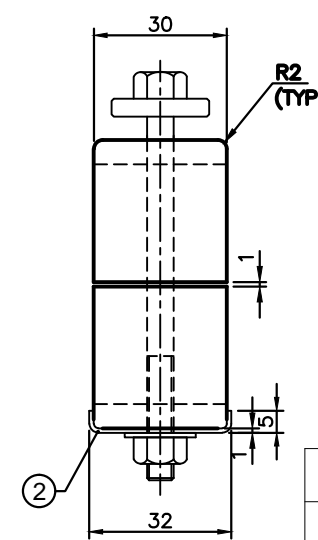
GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
VALUE	50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025
SYMBOL												

# UNCONTROLLED






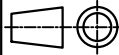




NOTE:

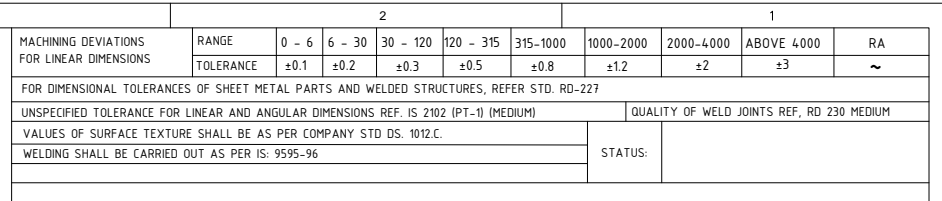
1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3



DETAIL-3



6	2	555-56360	PAD				
5	2	RFB1420685	HEX.HD.BOLT M6x85 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56157-3	T-BOLT ASSY		ASSY		
2	1	525-56157-2	PLATE	t1	AISI 304		
1	2	525-56157-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2&L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY PG36x3	DRWN	VISHNU	27.11.19	
				SCALE		SHEET	Wt.(Kg)
						OF	0
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.	
						525-56157	
 <b>BEM</b> LIMITED <small>NEW HORIZONS · NEW DREAMS</small>							










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												



DETAIL-2

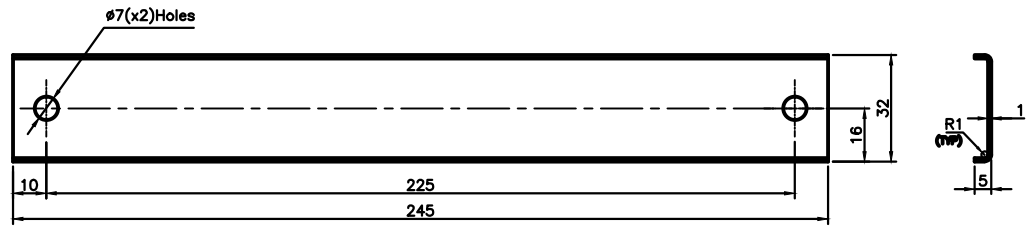
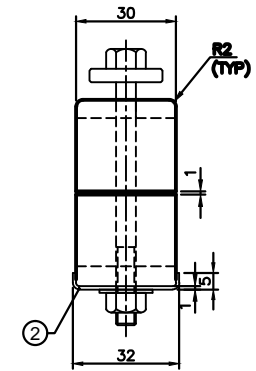
1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

6	2	555-56360	PAD		
5	2	RFB1420665	HEX.HD.BOLT M6x65 TO IS:1364(Pt-3)-2002/ Matl.:—IS-1367(P14)—84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE		
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.:—IS-1367(P14)—84 Gr A2-70, STAINLESS STEEL		
3	2	525-56158-3	T-BOLT ASSY		ASSY
2	1	525-56158-2	PLATE	t1	AIISI 304
1	2	525-56158-1	CLEAT		NYLON6
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S
					Wt. (Kg)
					MATERIAL
			PRODUCT	MUMBAI METRO CARS L2&L7	
			REF DRG		
			MATERIAL		
			HEAT TREAT.	APPD	VS
			SURFACE TREAT.	REVD	
			TITLE	CHKD	SNH
			CLEAT ASSY	DRWN	VISHNU
				SCALE	
				SHEET OF	Wt.(Kg)
			DRG No.	525-56158	
			ALT		
ALT.NO.	ECN NO/CHANGES	DATE	BY	APPD	BEML LIMITED
					NEW PREFERRED: NEW DESIGNS

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												









UNCONTROLLED

DETAIL-3



1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

	2	1	A3
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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												

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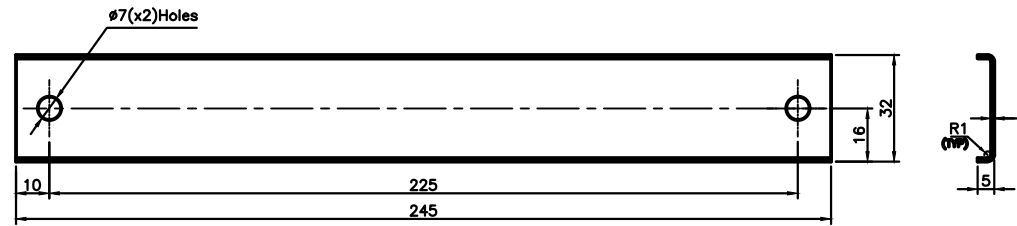
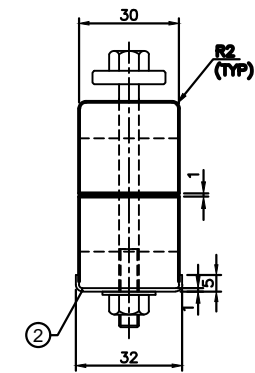
M6

(6)

(5)

R2 (MP)

DETAIL-3






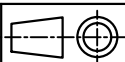



5	4
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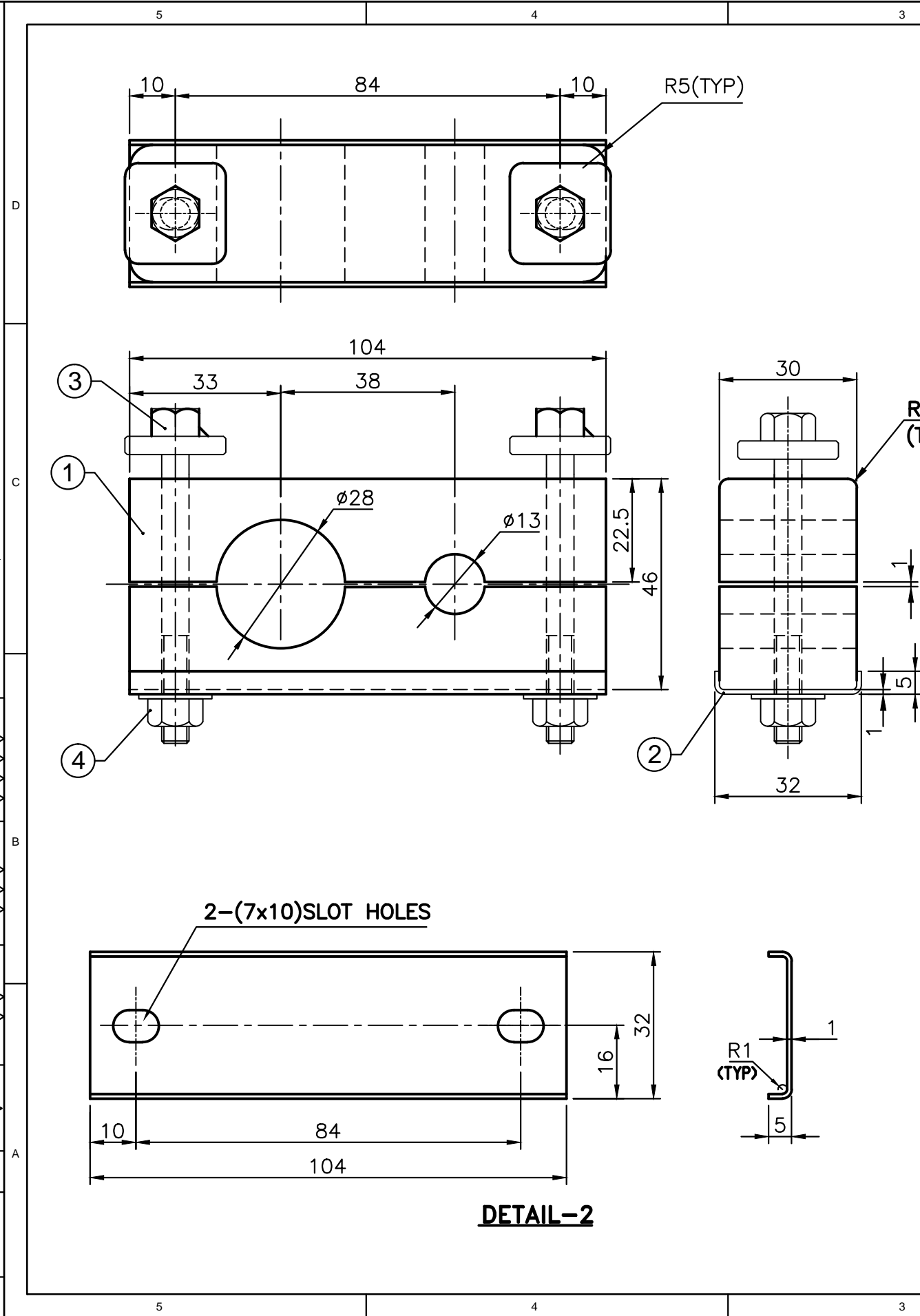
	2	1	A3
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SURFACE		N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
GRADE No.													
VALUE		50	25	12.5	6.3	3.2	1.6	0.8	0.4	0.2	0.1	0.05	0.025
SYMBOL													

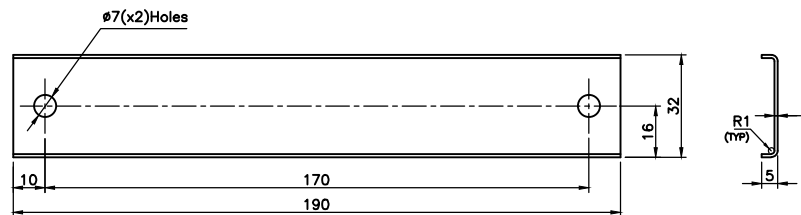
**NOTE:**

1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

6	2	555-56360	PAD				
5	2	RFB1420665	HEX.HD.BOLT M6x65 TO IS:1364(Pt-3)-2002/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56161-3	T-BOLT ASSY		ASSY		
2	1	525-56161-2	PLATE	t1	AISI 304		
1	2	525-56161-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2&L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY	DRWN	VISHNU	27.11.19	
				SCALE		SHEET	Wt.(Kg)
						OF	0
				DRG No.			
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	APPD	
			 BEML LIMITED			525-56161	
							










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													











DETAIL-3

NOTE:

1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1&7 SHALL CONFIRM TO EN45545-HL-3

7	4	525-56162-7	PROTECTIVE RUBBER		t2		EPDM		
6	2	555-56360	PAD						
5	2	RFB1421600	HEX.HD.BOLT M6x100 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE						
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL						
3	2	525-56162-3	T-BOLT ASSY					ASSY	
2	1	525-56162-2	PLATE			t1		AISI 304	
1	2	525-56162-1	CLEAT					NYLON6	
SL.No.	QTY	PART / STOCK No.		DESCRIPTION			SIZE	COMPANY STD./IS	Wt. (Kg)
									MATERIAL
					PRODUCT	MUMBAI METRO CARS L2&L7			
					REF DRG				
					MATERIAL				
					HEAT TREAT.	APPD	VS		
					SURFACE TREAT.	REVD			
					TITLE	CHKD	SNH		
					CLEAT ASSY, LTJB	DRWN	VISHNU	27.11.19	
						SCALE		SHEET	Wt.(Kg)
								OF	0
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	APPD	DRG No.		ALT
						 BEM LIMITED <small>NEW PROJECTS. NEW DEALERS</small>	525-56162		

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												

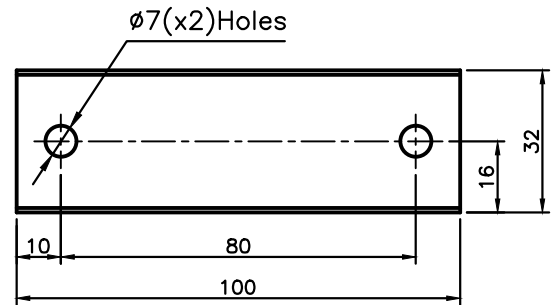
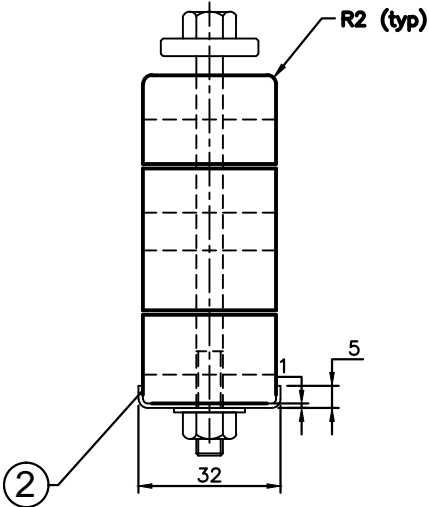
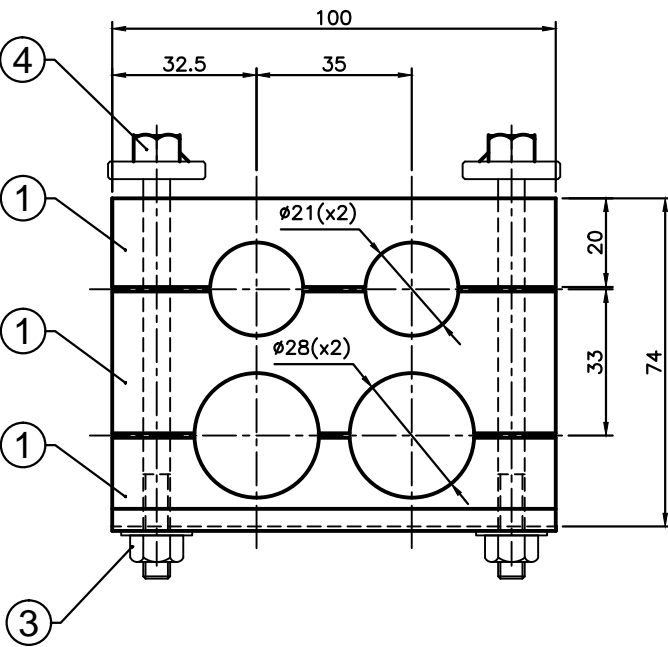
7	8	525-56163-7	PROTECTIVE RUBBER	t2	EPDM	
6	3	555-56360	PAD			
5	3	RFB1421600	HEX.HD.BOLT M6x100 TO IS:1364(Pt-3)-2002/ Matl.:--IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE			
4	3	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.:--IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL			
3	3	525-56163-3	T-BOLT ASSY		ASSY	
2	1	525-56163-2	PLATE	t1	AISI 304	
1	2	525-56163-1	CLEAT		NYLON6	
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./IS	Wt. (Kg)
					MATERIAL	
			PRODUCT	MUMBAI METRO CARS L2&L7		
			REF DRG			
			MATERIAL			
			HEAT TREAT.	APPD	VS	
			SURFACE TREAT.	REVD		
			TITLE	CHKD	SNH	
			CLEAT ASSY, LTJB	DRWN	VISHNU	27.11.19
				SCALE		SHEET OF
				DRG No.	0	
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	ALT
 <b>BEML LIMITED</b> <small>NEW DELHI-110002 NEW DELHI</small>						<b>525-56163</b> 

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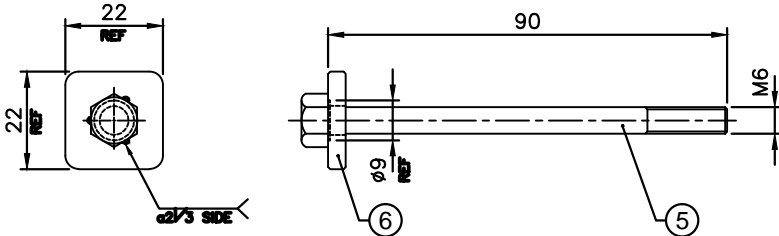
GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
SYMBOL												
SURFACE												
ROUGHNESS												

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:				
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										





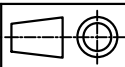




DETAIL-2










DETAIL-3

- NOTE:**
1. REMOVE ALL SHARP EDGES
  2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
  3. BURNING RESISTANCE : SELF EXTINGUISH.
  4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

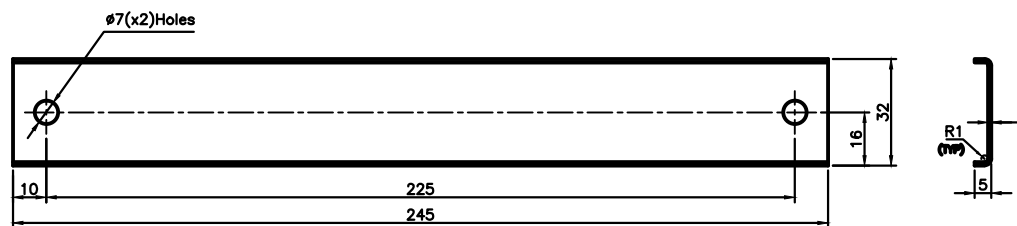
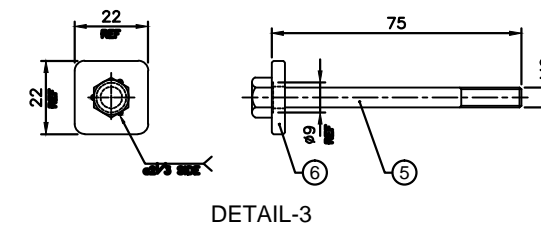
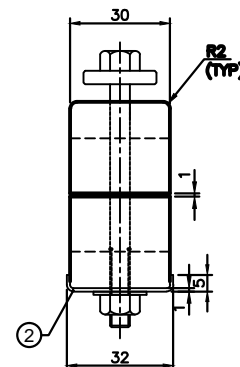
6	2	555-56360	PAD				
5	2	RFB1421600	HEX.HD.BOLT M6x100 TO IS:1364(Pt-3)-2002/ Matl.:—IS-1367(P14)—84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.:—IS-1367(P14)—84 Gr A2-70, STAINLESS STEEL				
3	2	525-56164-3	T-BOLT ASSY			ASSY	
2	1	525-56164-2	PLATE		t1	AIISI 304	
1	1 set	525-56164-1	CLEAT			NYLON6	
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2&L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY	DRWN	VISHNU	27.11.19	
				SCALE		SHEET	Wt.(Kg)
					OF	0	
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.	
						525-56164	
			 <b>BEML LIMITED</b> <small>NEW FRONTIERS. NEW DREAMS</small>				



525-56164

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												

# UNCONTROLLED



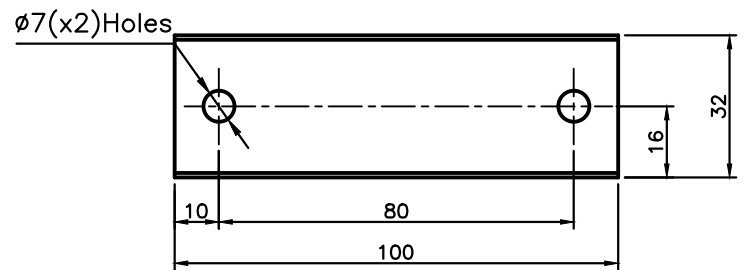
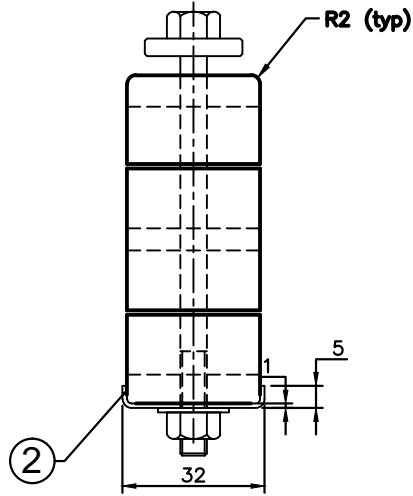
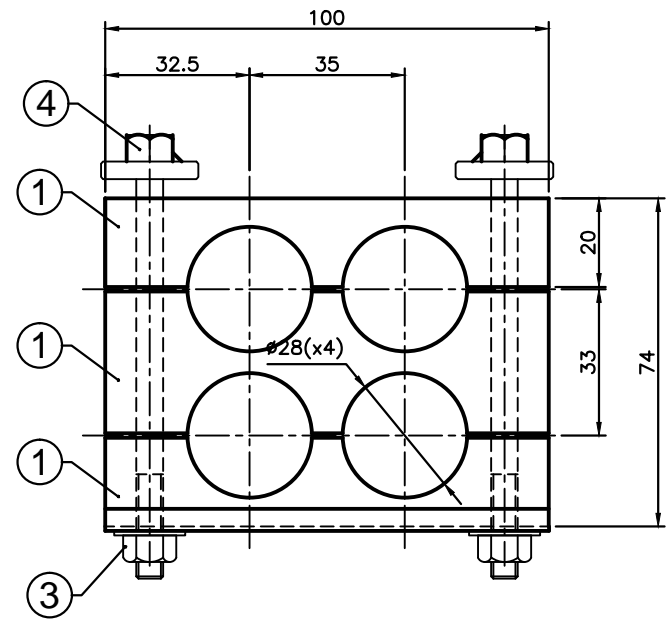
1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

6	2	555-56360	PAD												
5	2	RFB1420675	HEX.HD.BOLT M6x75 TO IS:1364(Pt-3)-2002/ Matl.IS:1367(P14)-84 Gr.A2-70,STAINLESS STEEL WITH PRE APPLIED ADHESIVE												
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.IS:1367(P14)-84 Gr.A2-70,STAINLESS STEEL												
3	2	525-56165-3	T-BOLT ASSY				ASSY								
2	1	525-56165-2	PLATE			t2	AISI 304								
1	2	525-56165-1	CLEAT				NYLON6								
SL.No.	QTY	PART / STOCK No.	DESCRIPTION			SIZE	COMPANY STD./I.S	Wt. (Kg)							
							MATERIAL								
						PRODUCT			MUMBAI METRO CARS L2&L7						
						REF DRG									
						MATERIAL									
						HEAT TREAT.				APPD	VS				
						SURFACE TREAT.				REVD					
						TITLE				CHKD	SNH				
						CLEAT ASSY, PG29x4				DRWN	VISHNU		27.11.19		
										SCALE			SHEET	Wt.(Kg)	
													OF	0	
ALT.NO.	ECN NO/CHANGES		DATE	BY	CHKD	APPD	BEML LIMITED <small>NEW HYDERABAD NEW DELHI</small>				DRG No.			ALT	
											525-56165				

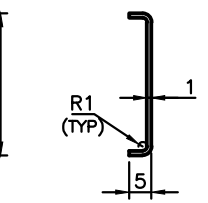
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GRADE No.	N1	N2	N3	N4	N5	N6	N7	N8	N9	N10	N11	N12
VALUE	0.025	0.05	0.1	0.2	0.4	0.8	1.6	3.2	6.3	12.5	25	50
SYMBOL												
SURFACE ROUGHNESS												

D  
C  
B  
A



DETAIL-2



DETAIL-3

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:			
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										

NOTE:

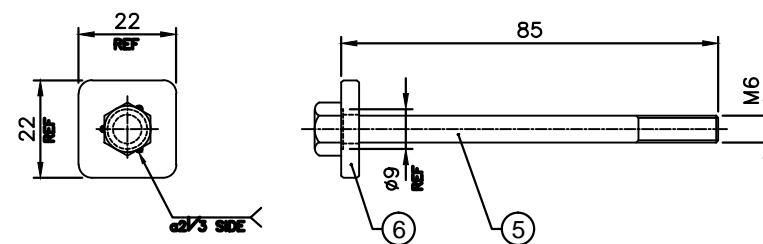
1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

6	2	555-56360	PAD			
5	2	RFB1421600	HEX.HD.BOLT M6x100 TO IS:1364(Pt-3)-2002/ Matl.:IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE			
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.:IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL			
3	2	525-56166-3	T-BOLT ASSY		ASSY	
2	1	525-56166-2	PLATE	t1	AISI 304	
1	1 set	525-56166-1	CLEAT		NYLON6	
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S	Wt. (Kg)
					MATERIAL	
			PRODUCT	MUMBAI METRO CARS L2&L7		
			REF DRG			
			MATERIAL			
			HEAT TREAT.	APPD	VS	
			SURFACE TREAT.	REVD		
			TITLE	CHKD	SNH	
			CLEAT ASSY PG21x4	DRWN	VISHNU	27.11.19
				SCALE		Wt.(Kg)
					OF	0
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.
						ALT
beml BEML LIMITED					525-56166	

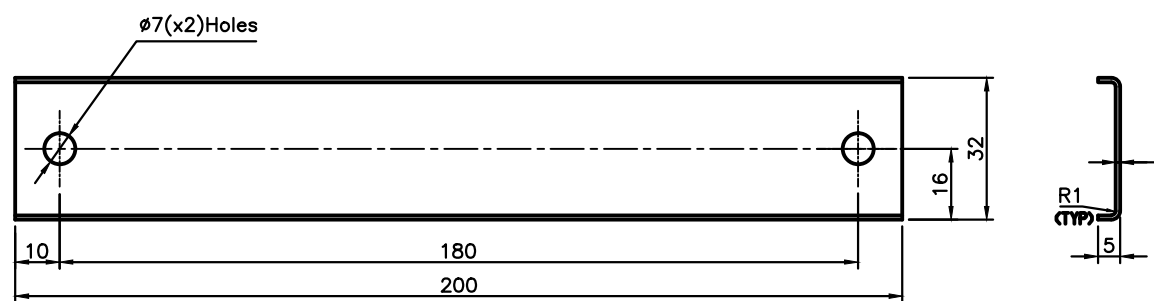
D  
C  
B  
A

SURFACE ROUGHNESS		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													

**UNCONTROLLED**



DETAIL-3



DETAIL-2

NOTE:

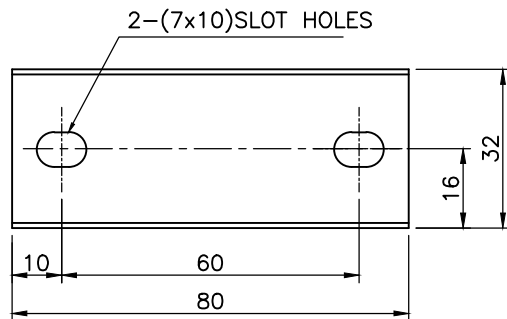
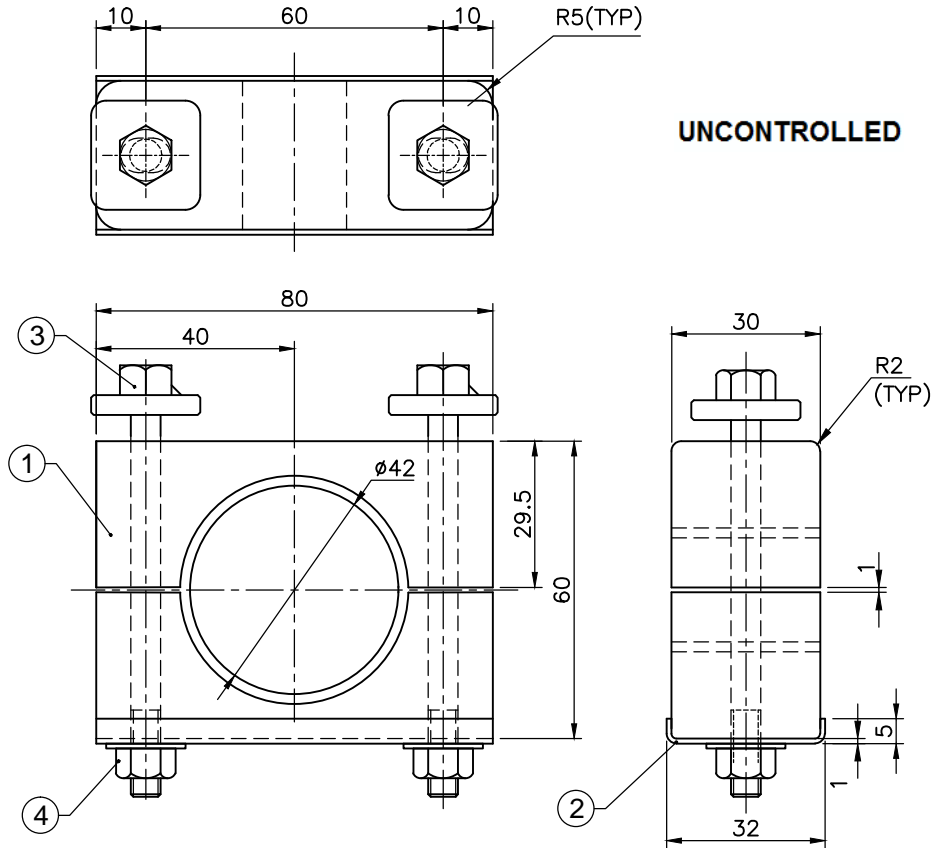
1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

[illegible]

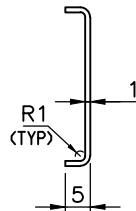
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GRADE No.	VALUE	SYMBOL
N1	0.025	
N2	0.05	
N3	0.1	
N4	0.2	
N5	0.4	
N6	0.8	
N7	1.6	
N8	3.2	
N9	6.3	
N10	12.5	
N11	25	
N12	50	

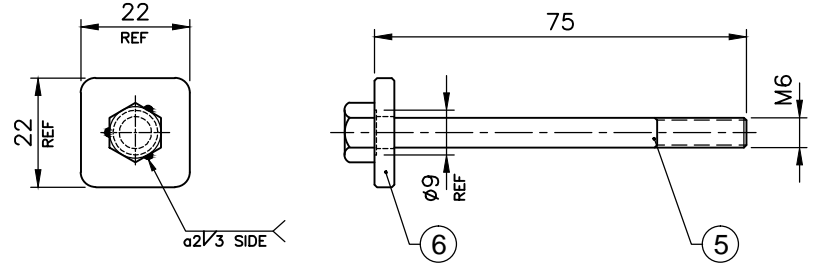
SURFACE  
ROUGHNESS



DETAIL-2










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:		
WELDING SHALL BE CARRIED OUT AS PER IS: 9595-96										









DETAIL-3

NOTE:

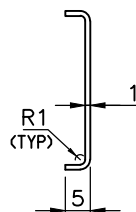
1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1&7 SHALL CONFIRM TO EN45545-HL-3

7	2	525-56168-7	PROTECTIVE RUBBER	t2	EPDM		
6	2	555-56360	PAD				
5	2	RFB1420675	HEX.HD.BOLT M6x75 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56168-3	T-BOLT ASSY		ASSY		
2	1	525-56168-2	PLATE	t1	AISI 304		
1	2	525-56168-1	CLEAT		NYLON6		
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I/S	Wt. (Kg)	
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2&L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REVD			
			TITLE	CHKD	SNH		
			CLEAT ASSY	DRWN	VISHNU	27.11.19	
				SCALE		SHEET	Wt.(Kg)
					OF	0	
			 <b>BEML LIMITED</b> <small>NEW FRONTIER, NEW DELHI</small>	DRG No.		ALT	
ALT.NO.	ECN NO/CHANGES	DATE		BY	CHKD	APPD	
				525-56168			

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








6	2	555-56360	PAD				
5	2	RFB1420665	HEX.HD.BOLT M6x65 TO IS:1364(Pt-3)-2002/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
4	2	RFN5540652	HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl:-IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
3	2	525-56169-3	T-BOLT ASSY			ASSY	
2	1	525-56169-2	PLATE	t1		AISI 304	
1	2	525-56169-1	CLEAT			NYLON6	
SL.No.	QTY	PART / STOCK No.	DESCRIPTION	SIZE	COMPANY STD./I.S		Wt. (Kg)
					MATERIAL		
			PRODUCT	MUMBAI METRO CARS L2&L7			
			REF DRG				
			MATERIAL				
			HEAT TREAT.	APPD	VS		
			SURFACE TREAT.	REV0			
			TITLE	CHKD	SNH		
			CLEAT ASSY PG36xPG29xPG29	DRWN	VISHNU		27.11.19
				SCALE		SHEET	Wt.(Kg)
					OF	0	
ALT.NO.	ECN NO/CHANGES	DATE	BY	CHKD	APPD	DRG No.	ALT
				 BEML LIMITED <small>NEW PROVIDERS, NEW DELHI</small>		525-56169	
							

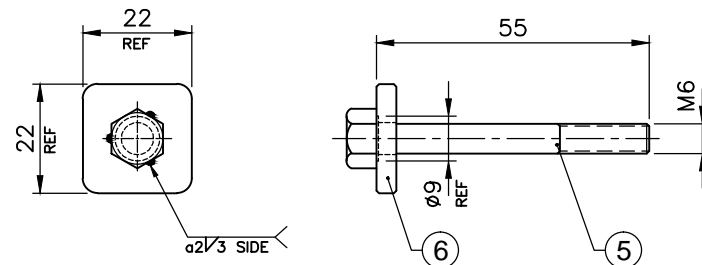
GRADE No.	N12	N11	N10	N9	N8	N7	N6	N5	N4	N3	N2	N1
VALUE	50/	25/	12.5/	6.3/	3.2/	1.6/	0.8/	0.4/	0.2/	0.1/	0.05/	0.025/
SYMBOL												



DETAIL-3

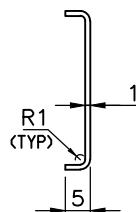
1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

6	2	555-56360	PAD		HEX.HD.BOLT M6x55 TO IS:1364(Pt-3)-2002/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL WITH PRE APPLIED ADHESIVE				
5	2	RFB1420655	RFB1420655		HEX. NUT WITH FLANGE M6 TO ISO 7044-83/ Matl.: -IS-1367(P14)-84 Gr A2-70, STAINLESS STEEL				
4	2	RFN5540652	RFN5540652		T-BOLT ASSY				
3	2	525-56170-3	525-56170-3		ASSY				
2	1	525-56170-2	525-56170-2		PLATE				
1	2	525-56170-1	525-56170-1		CLEAT				
SL.No.	QTY	PART / STOCK No.	DESCRIPTION		SIZE	COMPANY STD./I/S	Wt. (Kg)		
						MATERIAL			
			PRODUCT		MUMBAI METRO CARS L2&L7				
			REF DRG						
			MATERIAL						
			HEAT TREAT.		APPD VS				
			SURFACE TREAT.		REVD				
			TITLE		CHKD SNH				
					DRWN VISHNU		27.11.19		
					SCALE			SHEET OF	Wt.(Kg)
									0
ALT.NO.			ECN NO/CHANGES		DATE		BY		CHKD
					APPD				
							DRG No.		ALT
							525-56170		



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												

11



DETAIL-3

1. REMOVE ALL SHARP EDGES
2. FOR CLEATS Min TENSILE STRENGTH: 65 N/mm<sup>2</sup>
3. BURNING RESISTANCE : SELF EXTINGUISH.
4. ITEM-1 SHALL CONFIRM TO EN45545-HL-3

[illegible]