

CSIR – Central Scientific Instruments Organisation

No. CSIO11122025MLP201636/2025-26

Dated : 12.12.2025

Sub: Fabrication of Aluminium parts for Taxi Landing Light Intensity Measurement JIG as per attached drawing.

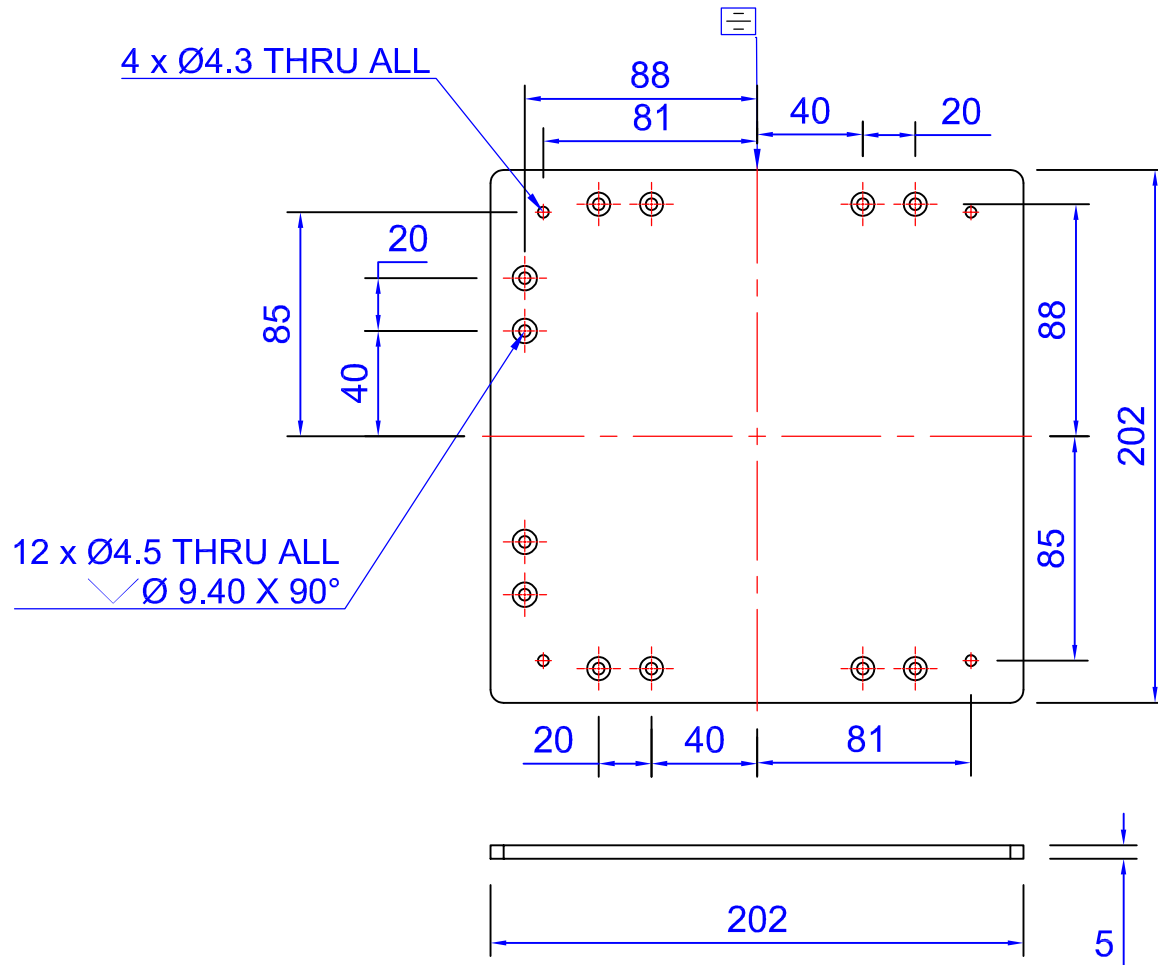
CSIO intends to get it fabricate Al. parts of Taxi Landing Light Intensity Measurement Jig as per attached drawings. The Interested firms, who have Mechanical fabrication facility can give the quotation through email to the undersigned (srr.csio@csir.res.in) on or before 16.12.2025, 2 PM. The Al material is to be arranged by the firm.

Other Terms & Conditions:

- Delivery of the items at CSIR- CSIO Chandigarh.
- Payment Terms: Within 30 days after submitting bill.

TLL PARTS LIST

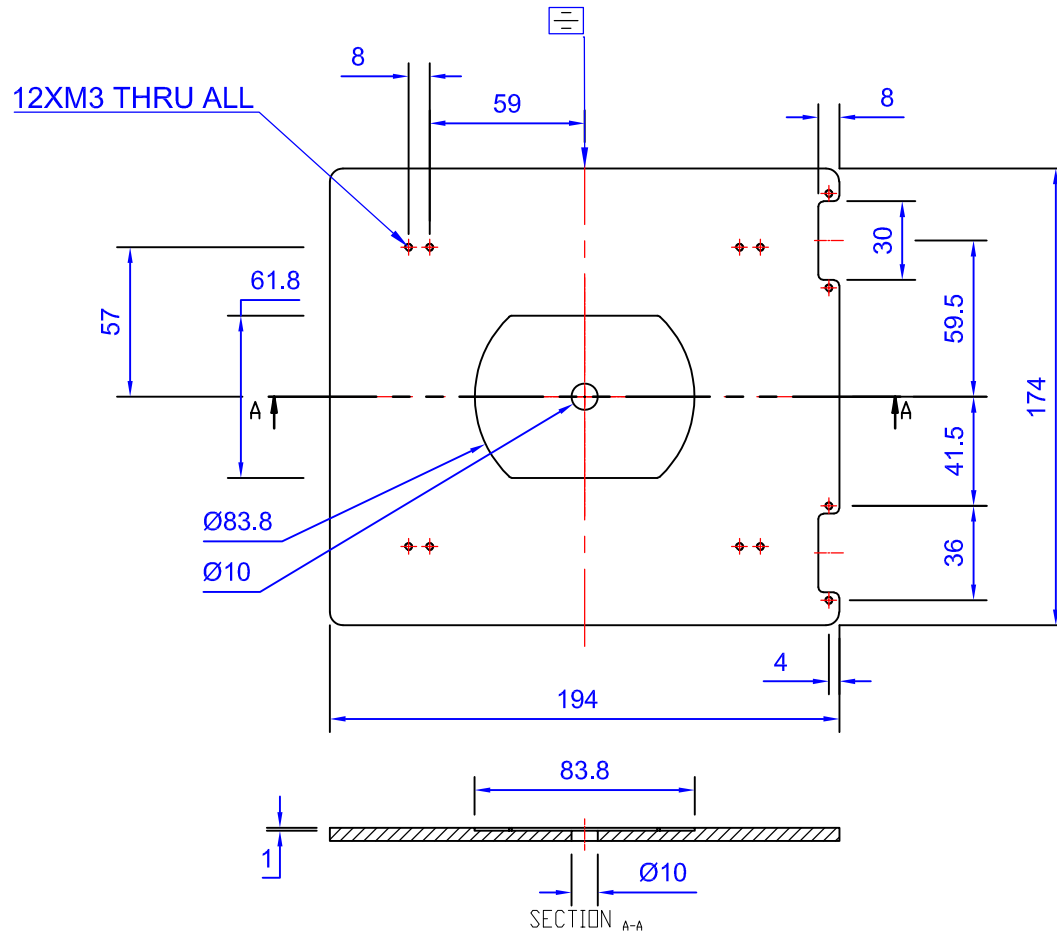
Sr. No.	Parts Name	Quantity
1.	AI. RIG BOTTOM PLATE-1	01
2.	AI. RIG BOTTOM PLATE-II	01
3.	GOURMET TEFLON	04
4.	SS HANDLE	01
5.	AI. BRACKETS FOR RIG SIDE PLATE-1	08
6.	AI. UPPER RIGHT RIG SIDE PLATE	01
7.	AI. BRACKETS FOR RIG TOP/BOTTOM PLATE-1	10
8.	AI. BRACKETS FOR RIG TOP PLATE-1	02
9.	AI. KNOB	02
10.	AI. TAXING LIGHT MEASUREMENT TEMPLATE	01
11.	AI. LANDING LIGHT MEASUREMENT TEMPLATE	01
12.	SS HINGES	04
13.	AI. RIG FRONT PLATE	02
14.	AI. LEFT RIG SIDE PLATE	01
15.	AI. BRACKETS FOR RIG SIDE PLATE-II	04
16.	SS BEARING	04
17.	SS SHAFT	04
18.	AI. L- BRACKET	04
19.	AI. L- CHANNEL	02
20.	AI. RIG HANDLE CONNECTOR	02
21.	AI. LOWER RIGHT RIG SIDE PLATE	01



NOTE:
1) ALL DIMENSIONS ARE IN mm
2) USE STAINLESS STEEL HELICOIL
THREAD INSERTS FOR THREADED HOLES

REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT				CAL. WT.	
				01 A/F INTEGRATION				SURFACE FINISH	
				No. OFF NEXT ASSEMBLY				CLEARANCE	
				HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA				HEAT TREAT NO	
CHLET DATE NAME APPD								FINISH	
BLACK ANODISED 6								DRAWN AJ	
SURFACE TREATMENT PT No.				RIG BOTTOM PLATE-1				STRESS SRR	
								CHECK SRR	
								DESNR AJ	
SCALE 1:1				TITLE				APPD	
NUMBER								SHEET NO. OF SHS	

GEN TOL IS: 2102(Part-1)-1980											
ABOVE		0.5	3	6	30	120	315				
UP TO		3	6	30	120	315	1000				
REV	CHANGE MADE	DATE	BY	APPD	TOL +_	0.05	0.05	0.1	0.15	0.2	0.3

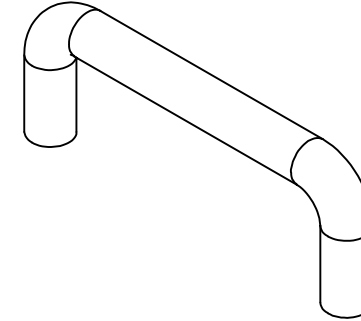
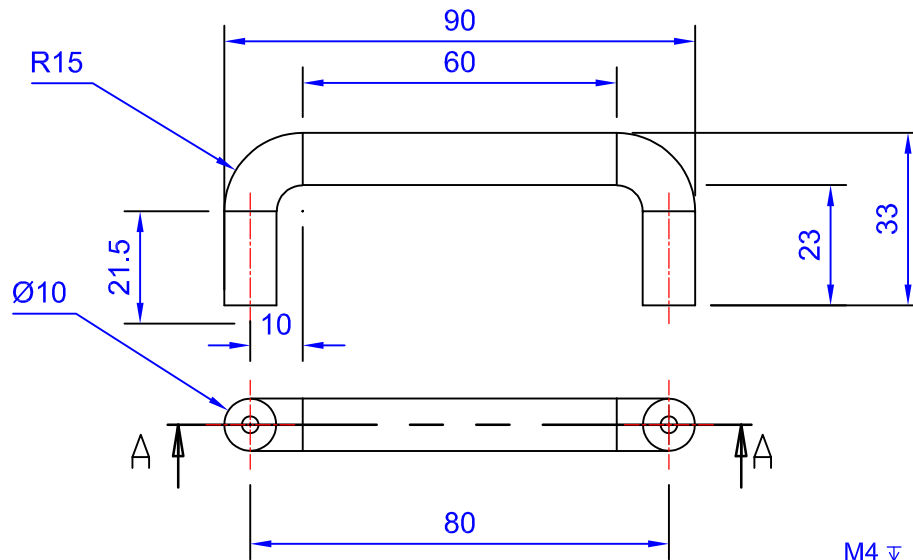


NOTE:

- 1) ALL DIMENSIONS ARE IN mm
- 2) USE STAINLESS STEEL HELICOIL THREAD INSERTS FOR THREADED HOLES

REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT				CAL. WT.		
				01 A/F INTEGRATION				SURFACE FINISH		
				No. OFF NEXT ASSEMBLY				CLEARANCE		
				HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA				HEAT TREAT NO		
								FINISH		
CHLET	DATE	NAME	APPD					DRAWN	NAME	DATE
BLACK ANODISED			6							
SURFACE TREATMENT			PT No.							
SCALE 1:1				TITLE RIG BOTTOM PLATE-II				SHEET NO. OF SHS		
NUMBER										

GEN TOL IS: 2102(Part-1)-1980											
ABOVE 0.5 3 6 30 120 315											
UP TO 3 6 30 120 315 1000											
REV	CHANGE MADE	DATE	BY	APPD	TOL +.	0.05	0.05	0.1	0.15	0.2	0.3



M4 ∇ 8mm- 2 Nos.

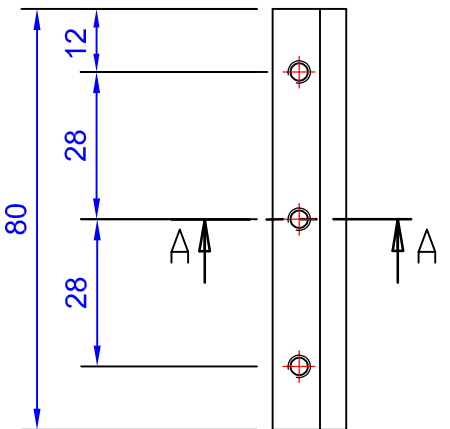
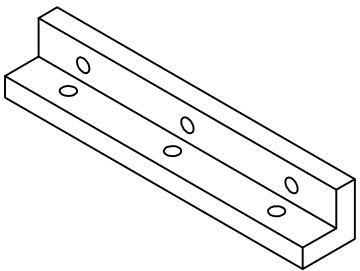
R15

NOTE:
1) ALL DIMENSIONS ARE IN mm
2) USE STAINLESS STEEL HELICOIL
THREAD INSERTS FOR THREADED HOLES

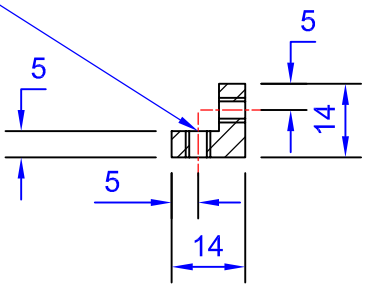
SECTION A-A

REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT				CAL. WT.		
				01 A/F INTEGRATION				SURFACE FINISH		
				No. OFF NEXT ASSEMBLY				CLEARANCE		
				HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA				SPECN:		
								HEAT TREAT NO		
								FINISH		
CHLET	DATE	NAME	APPD					DRAWN	NAME	DATE
BLACK ANODIZED		6						STRESS	SRR	
SURFACE TREATMENT		PT No.						CHECK	SRR	
								DESNR	AJ	
								APPD		
SCALE 1:1				TITLE HANDLE				SHEET NO. OF SHS		
NUMBER										

					GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
REV	CHANGE MADE	DATE	BY	APPD	TOL +_	0.05	0.05	0.1	0.15	0.2	0.3



M4 THRU ALL- 6 Nos.



SECTION A-A

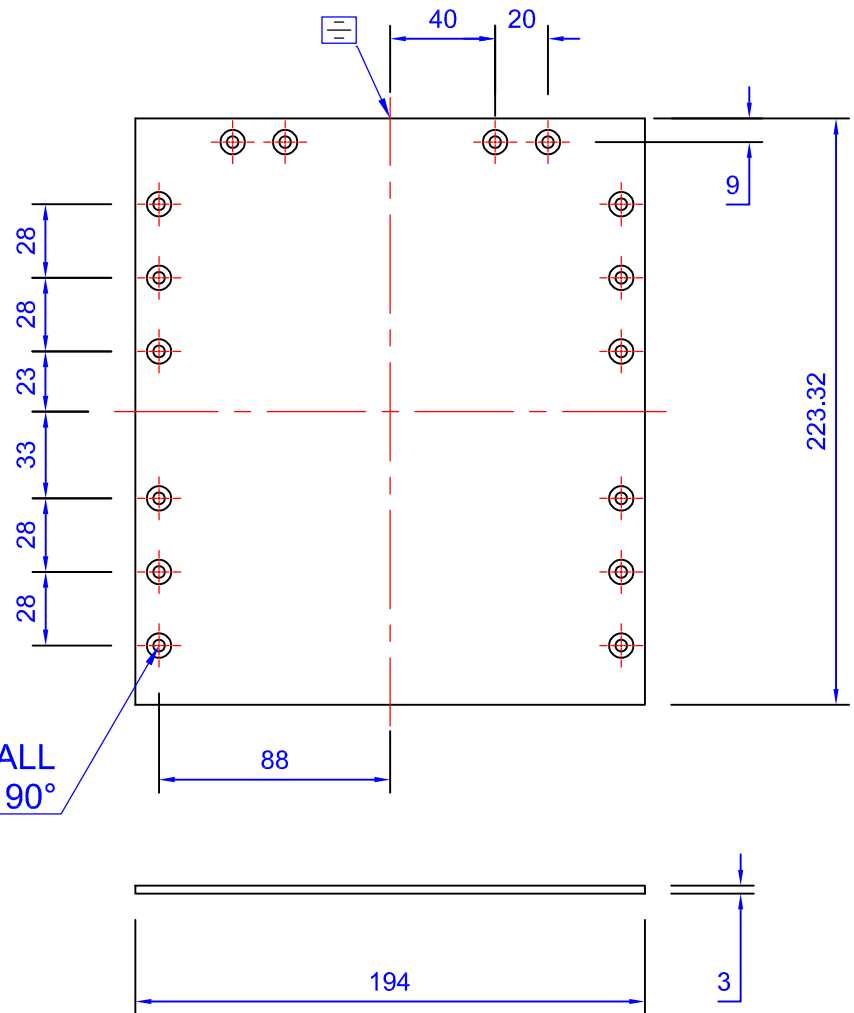
NOTE:
1) ALL DIMENSIONS ARE IN mm
2) USE STAINLESS STEEL HELICOIL
THREAD INSERTS FOR THREADED HOLES

NOTE: ALL DIMENSIONS ARE IN mm

REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT		CAL. WT.			
		08		A/F INTEGRATION		SURFACE FINISH		MATL: AL	
		No. OFF		NEXT ASSEMBLY		CLEARANCE		SPECN:	
								HEAT TREAT NO	
								FINISH	
CHLET	DATE	NAME	APPD	HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA				NAME	DATE
BLACK ANODIZED		6						DRAWN	AJ
SURFACE TREATMENT		PT No.						STRESS	SRR
								CHECK	SRR
SCALE 1:1		TITLE		BRACKETS FOR RIG SIDE PLATE-1				DESNR	AJ
								APPD	
				NUMBER				SHEET NO.	
								OF SHS	

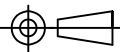
					GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
REV	CHANGE MADE	DATE	BY	APPD	TOL +/-	0.05	0.05	0.1	0.15	0.2	0.3

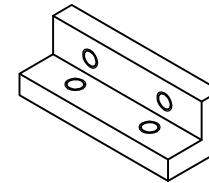
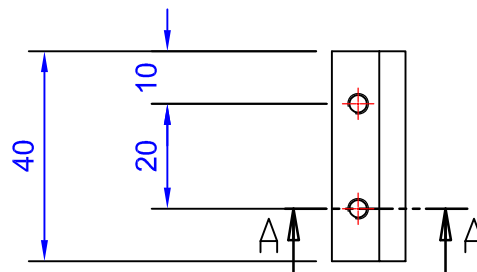
16 x Ø4.5 THRU ALL
Ø 9.40 X 90°



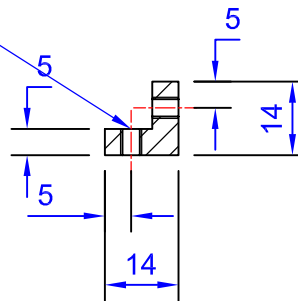
NOTE:
1) ALL DIMENSIONS ARE IN mm
2) USE STAINLESS STEEL HELICOIL
THREAD INSERTS FOR THREADED HOLES

REV	CHANGE MADE	DATE	BY	APPD	GEN TOL IS: 2102(Part-1)-1980
					ABOVE 0.5 3 6 30 120 315
					UP TO 3 6 30 120 315 1000
					TOL +/- 0.05 0.05 0.1 0.15 0.2 0.3

REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT				CAL. WT.					
						SURFACE FINISH		MATL: AL					
				01	A/F INTEGRATION		CLEARANCE		SPECN:				
				No. OFF	NEXT ASSEMBLY				HEAT TREAT NO				
				HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA						FINISH			
CHLET	DATE	NAME	APPD							NAME		DATE	
BLACK ANODISED			6							DRAWN		AJ	
SURFACE TREATMENT			PT No.							STRESS		SRR	
SCALE 1:1				TITLE UPPER RIGHT RIG SIDE PLATE						CHECK	SRR		
										DESNR	AJ		
										APPD			
				NUMBER						SHEET NO. OF SHS			



M4 THRU ALL- 6 Nos.



SECTION A-A

NOTE:

- 1) ALL DIMENSIONS ARE IN mm
- 2) USE STAINLESS STEEL HELICOIL THREAD INSERTS FOR THREADED HOLES

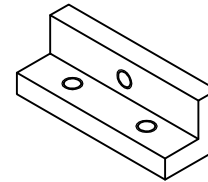
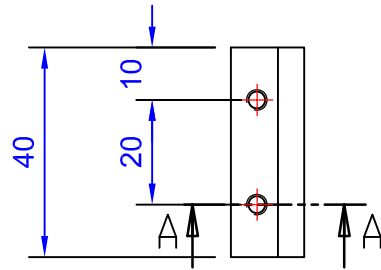
REMOVE SHARP EDGES & BURRS

TOL MET AFTER SURFACE TREATMENT

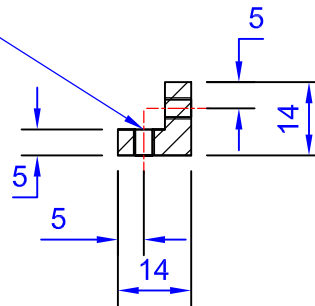
						SURFACE FINISH		MATL: AL				
				10	A/F INTEGRATION			SPECN:				
				No. OFF	NEXT ASSEMBLY	CLEARANCE		HEAT TREAT NO				
CHLET	DATE	NAME	APPD	HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA					FINISH			
BLACK ANODIZED			6						NAME		DATE	
SURFACE TREATMENT			PT No.						DRAWN		AJ	
SCALE 1:1		TITLE BRACKETS FOR RIG TOP/BOTTOM PLATE-1			STRESS		SRR					
					CHECK		SRR					
					DESNR		AJ					
					APPD							

GEN TOL IS: 2102(Part-1)-1980

					GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
REV	CHANGE MADE	DATE	BY	APPD	TOL +	0.05	0.05	0.1	0.15	0.2	0.3



M4 THRU ALL- 3 Nos.



SECTION A-A

NOTE:

- 1) ALL DIMENSIONS ARE IN mm
- 2) USE STAINLESS STEEL HELICOIL
THREAD INSERTS FOR THREADED HOLES

REMOVE SHARP EDGES & BURRS

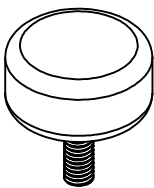
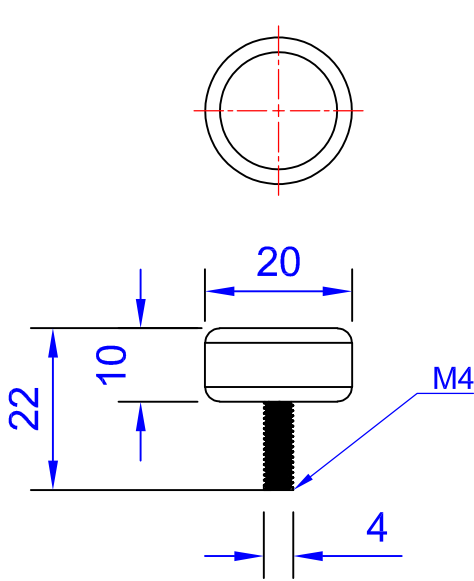
TOL MET AFTER SURFACE TREATMENT

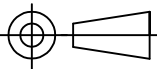
CAL. WT.

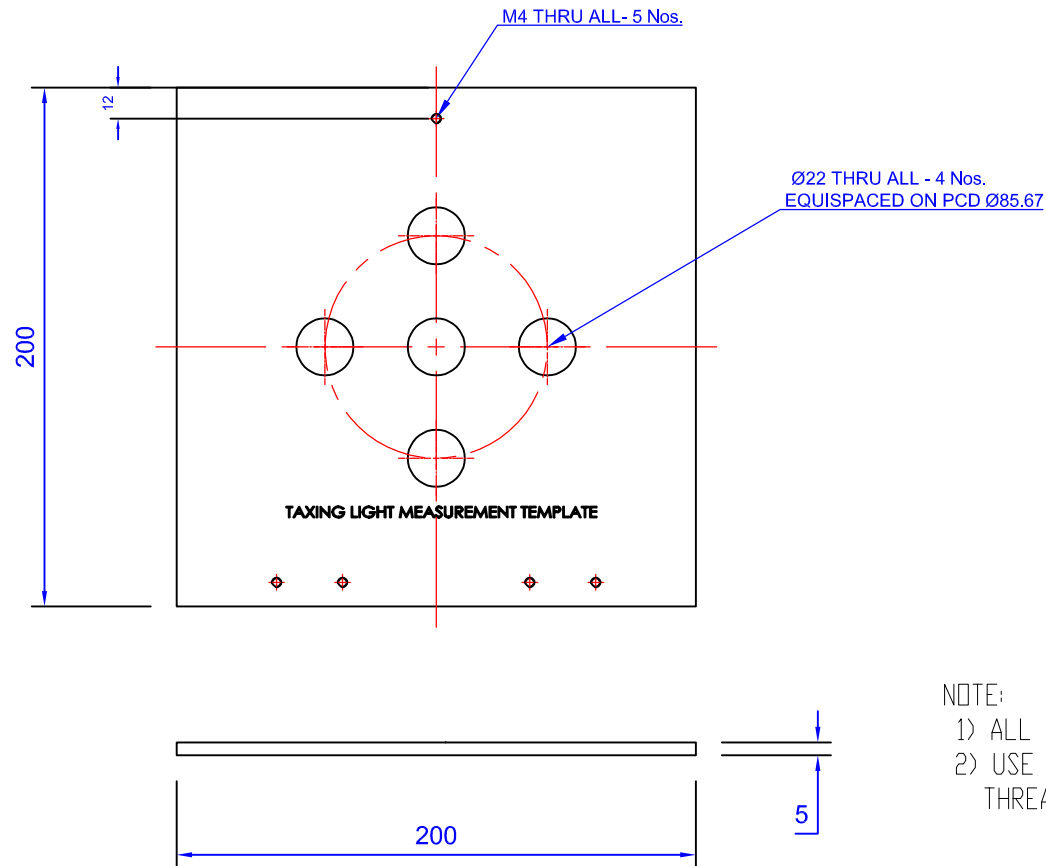
				02	A/F INTEGRATION	SURFACE FINISH	MATL: AL	
				No. OFF	NEXT ASSEMBLY	CLEARANCE	SPECN:	
				HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA			HEAT TREAT NO	
							FINISH	
							NAME	DATE
							DRAWN	AJ
CHLET	DATE	NAME	APPD	BRACKETS FOR RIG TOP PLATE-1			STRESS	SRR
BLACK ANODIZED			6				CHECK	SRR
SURFACE TREATMENT			PT No.				DESNR	AJ
							APPD	
SCALE 1:1		TITLE		NUMBER			SHEET NO.	
							OF SHS	

					GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
REV	CHANGE MADE	DATE	BY	APPD	TOL +_	0.05	0.05	0.1	0.15	0.2	0.3

REV	CHANGE MADE	DATE	BY	APPD	GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
					TOL +_	0.05	0.05	0.1	0.15	0.2	0.3



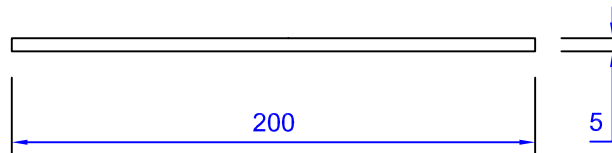
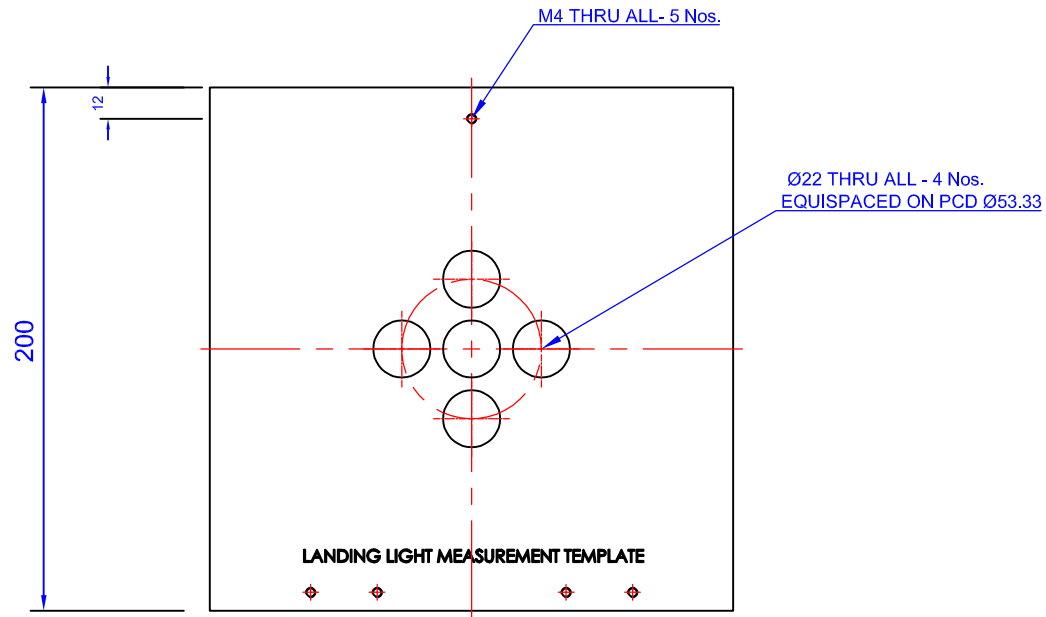
REMOVE SHARP EDGES & BURRS					TOL MET AFTER SURFACE TREATMENT			CAL. WT.								
						SURFACE FINISH			MATL: AL							
				02	NAV MAIN HOUSING			SPECN:								
				No. OFF	NEXT ASSEMBLY											
					HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA			CLEARANCE			HEAT TREAT NO					
CHLET				DATE				NAME	APPD	FINISH						
BLACK ANODISED				20							NAME	DATE				
SURFACETREATMENT				PT No.				DRAWN			AJ					
SCALE 1:1				TITLE KNOB				STRESS		SRR						
								CHECK		SRR						
								DESNR		AJ						
								APPD		NAL						
				NUMBER							SHEET NO.					
											OF					
											SHS					



NOTE:
1) ALL DIMENSIONS ARE IN mm
2) USE STAINLESS STEEL HELICOIL
THREAD INSERTS FOR THREADED HOLES

REV	CHANGE MADE	DATE	BY	APPD	GEN TOL IS: 2102(Part-1)-1980
					ABOVE 0.5 3 6 30 120 315
					UP TO 3 6 30 120 315 1000
					TOL +/- 0.05 0.05 0.1 0.15 0.2 0.3

REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT				CAL. WT.			
				01		A/F INTEGRATION		SURFACE FINISH		MATL: AL	
				No. OFF		NEXT ASSEMBLY		CLEARANCE		SPECN:	
										HEAT TREAT NO	
CHLET		DATE		NAME		APPD		HANSA-3 PROJECT			
BLACK ANODISED						6		NATIONAL AEROSPACE LABORATORIES			
SURFACE TREATMENT						PT No.		BANGALORE, INDIA			
SCALE		TITLE						FINISH			
1:1		TAXING LIGHT MEASUREMENT TEMPLATE						DRAWN		NAME	
								STRESS		SRR	
								CHECK		SRR	
								DESNR		AJ	
								APPD			
										SHEET NO.	
										OF	
										SHS	



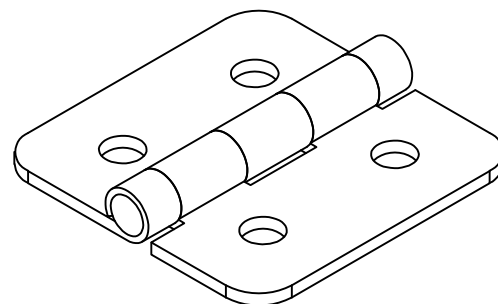
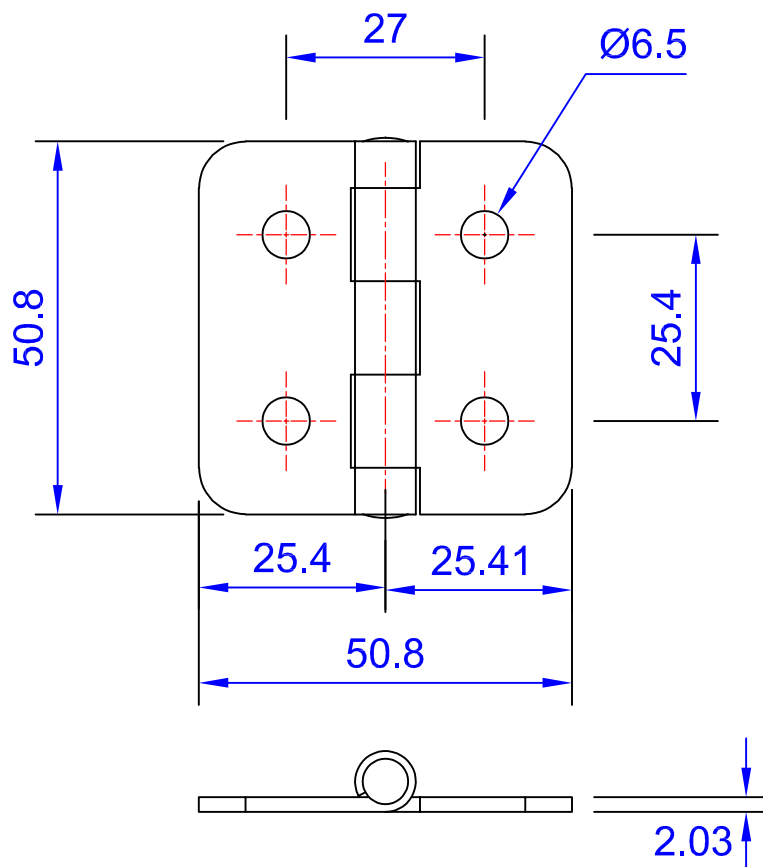
NOTE:

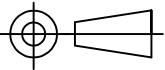
- 1) ALL DIMENSIONS ARE IN mm
- 2) USE STAINLESS STEEL HELICOIL THREAD INSERTS FOR THREADED HOLES

REV	CHANGE MADE	DATE	BY	APPD	GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
					TOL +_	0.05	0.05	0.1	0.15	0.2	0.3

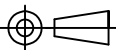
REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT				CAL. WT.					
								SURFACE FINISH		MATL: AL			
				01	A/F INTEGRATION			CLEARANCE		SPECN:			
				No. OFF		NEXT ASSEMBLY				HEAT TREAT NO			
HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA								FINISH					
									NAME	DATE			
								DRAWN	AJ				
								STRESS	SRR				
SCALE 1:1								TITLE LANDING LIGHT MEASUREMENT TEMPLATE					
								NUMBER				SHEET NO.	
												OF	
												SHS	

REV	CHANGE MADE	DATE	BY	APPD	GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
					TOL +_	0.05	0.05	0.1	0.15	0.2	0.3

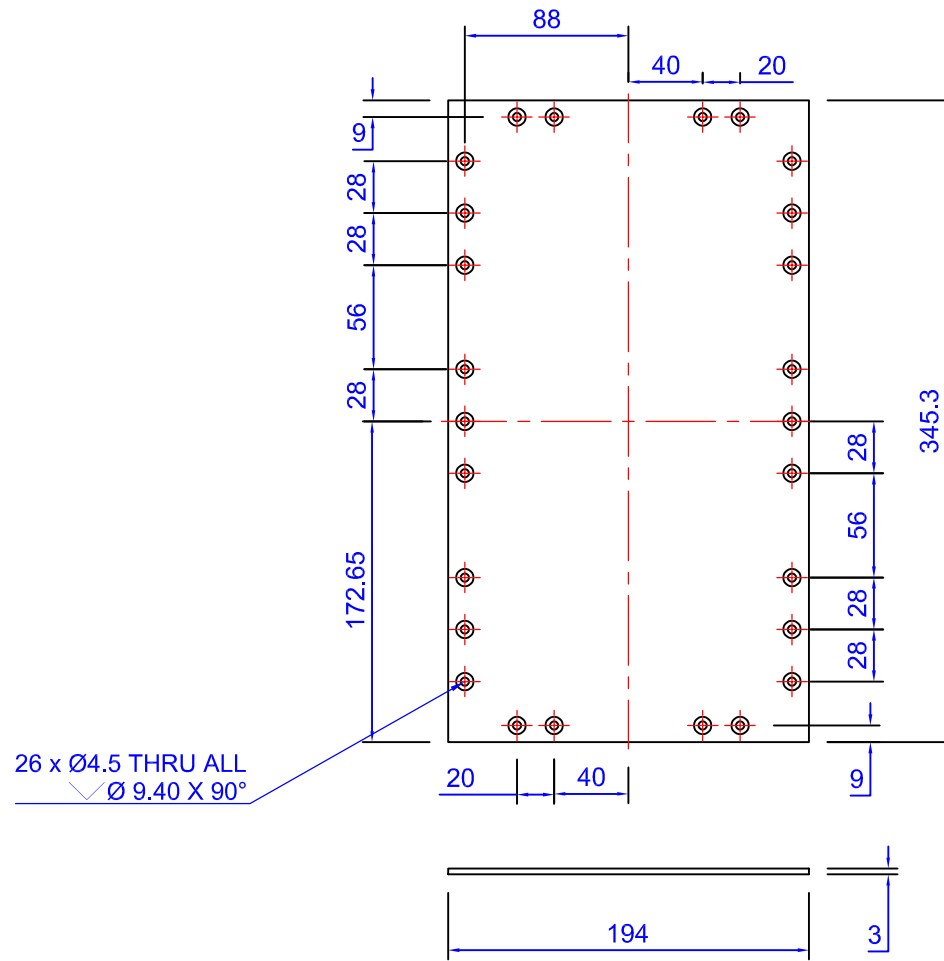


REMOVE SHARP EDGES & BURRS					TOL MET AFTER SURFACE TREATMENT					CAL. WT.						
							SURFACE FINISH			MATL: SS						
				04	NAV MAIN HOUSING					SPECN:						
				No. OFF	NEXT ASSEMBLY		CLEARANCE			HEAT TREAT NO						
				<div>HANSA-3 PROJECT</div> <div>NATIONAL AEROSPACE LABORATORIES</div> <div>BANGALORE, INDIA</div>							FINISH					
CHLET	DATE	NAME	APPD											NAME	DATE	
BLACK ANODISED			20													
SURFACETREATMENT			PT No.													
<div>SCALE</div> <div>1:1</div>		<div>TITLE</div> <div>HINGE</div>									STRESS	SRR				
											CHECK	SRR				
											DESNR	AJ				
											APPD	NAL				
		NUMBER									SHEET NO.					
											OF					
											SHS					



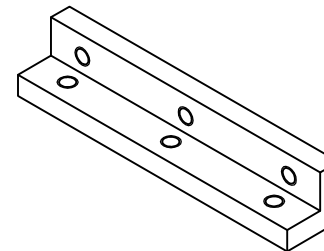
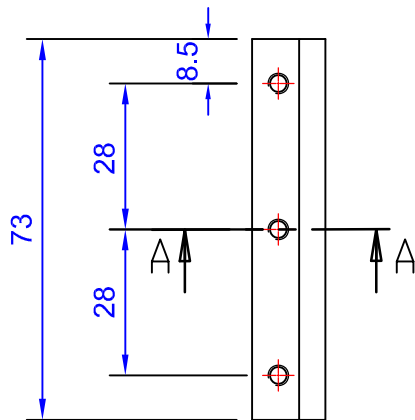
REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT				CAL. WT.						
				02	A/F INTEGRATION		SURFACE FINISH		MATL: AL					
				No. OFF	NEXT ASSEMBLY		CLEARANCE		SPECN:					
				HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA						HEAT TREAT NO				
CHLET		DATE	NAME							APPD	FINISH			
BLACK ANODISED													NAME	DATE
SURFACE TREATMENT		PT No.								DRAWN		AJ		
SCALE 1:1		TITLE RIG FRONT PLATE								STRESS		SRR		
										CHECK		SRR		
										DESNR		AJ		
										APPD				
		NUMBER								SHEET NO. OF SHS				

					GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
REV	CHANGE MADE	DATE	BY	APPD	TOL +.	0.05	0.05	0.1	0.15	0.2	0.3

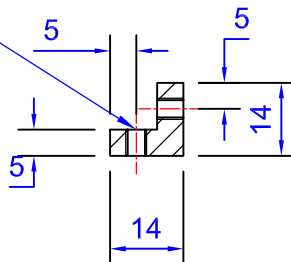


REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT		CAL. WT.	
				01 A/F INTEGRATION		SURFACE FINISH	
				No. OFF NEXT ASSEMBLY		CLEARANCE	
				HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA		HEAT TREAT NO	
						FINISH	
						DRAWN NAME DATE	
CHLET DATE NAME APPD				SCALE 1:1		STRESS SRR	
BLACK ANODISED						CHECK SRR	
SURFACE TREATMENT PT No.						DESNR AJ	
				TITLE LEFT RIG SIDE PLATE		APPD	
				NUMBER		SHEET NO. OF SHS	

GEN TOL IS: 2102(Part-1)-1980											
ABOVE		0.5	3	6	30	120	315				
UP TO		3	6	30	120	315	1000				
REV	CHANGE MADE	DATE	BY	APPD	TOL +_	0.05	0.05	0.1	0.15	0.2	0.3



M4 THRU ALL- 6 Nos.



NOTE:
1) ALL DIMENSIONS ARE IN mm
2) USE STAINLESS STEEL HELICOIL
THREAD INSERTS FOR THREADED HOLES

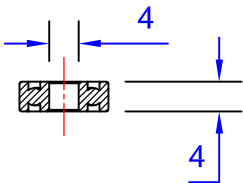
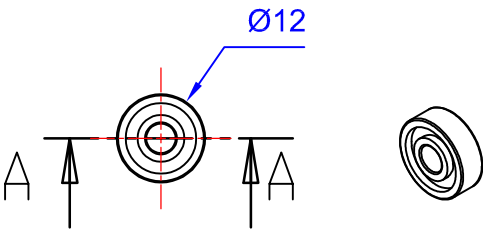
SECTION A-A

NOTE: ALL DIMENSIONS ARE IN mm

REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT		CAL. WT.					
		04		A/F INTEGRATION		SURFACE FINISH		MATL: AL			
		No. OFF		NEXT ASSEMBLY		CLEARANCE		SPECN:			
								HEAT TREAT NO			
								FINISH			
CHLET		DATE		NAME		APPD		NAME		DATE	
BLACK ANODIZED				6				DRAWN		AJ	
SURFACE TREATMENT				PT No.				STRESS		SRR	
								CHECK		SRR	
								DESNR		AJ	
								APPD			
SCALE		1:1		TITLE		BRACKETS FOR RIG SIDE PLATE-II		SHEET NO.		OF SHS	
NUMBER											

GEN TOL IS: 2102(Part-1)-1980											
ABOVE	0.5	3	6	30	120	315					
UP TO	3	6	30	120	315	1000					
REV	CHANGE MADE	DATE	BY	APPD	TOL +_	0.05	0.05	0.1	0.15	0.2	0.3

REV	CHANGE MADE	DATE	BY	APPD	GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
					TOL +_	0.05	0.05	0.1	0.15	0.2	0.3



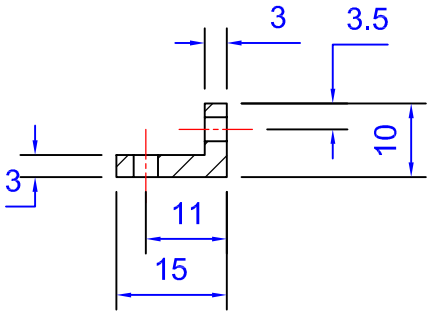
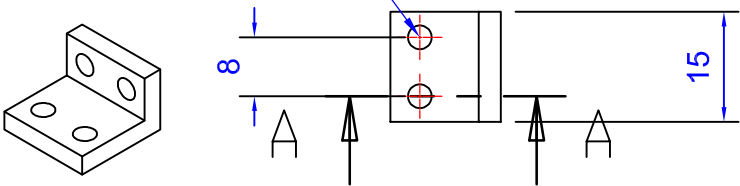
SECTION A-A

NOTE: ALL DIMENSIONS ARE IN mm

REMOVE SHARP EDGES & BURRS						TOL MET AFTER SURFACE TREATMENT			CAL. WT.		
						SURFACE FINISH			MATL: SS		
				04	NAV MAIN HOUSING	CLEARANCE			SPECN:		
				No. OFF	NEXT ASSEMBLY				HEAT TREAT NO		
CHLET	DATE	NAME	APPD	<h2>HANSA-3 PROJECT</h2> <p>NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA</p>					FINISH		
			20							NAME	DATE
SURFACETREATMENT			PT No.								
SCALE 1:1		TITLE BEARING					DRAWN		AJ		
							STRESS		SRR		
							CHECK		SRR		
							DESNR		AJ		
							APPD		NAL		
		NUMBER							SHEET NO. OF SHS		

REV	CHANGE MADE	DATE	BY	APPD	GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
					TOL +_	0.05	0.05	0.1	0.15	0.2	0.3

Ø3.3 THRU HOLES- 4 Nos.

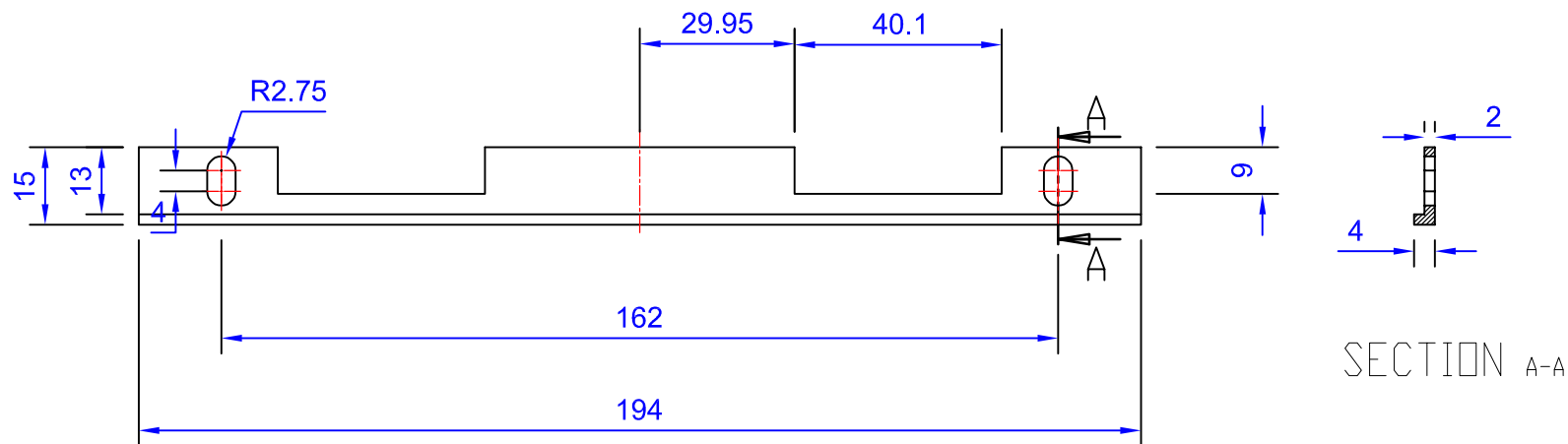


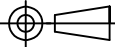
SECTION A-A

REMOVE SHARP EDGES & BURRS

TOL MET AFTER SURFACE TREATMENT

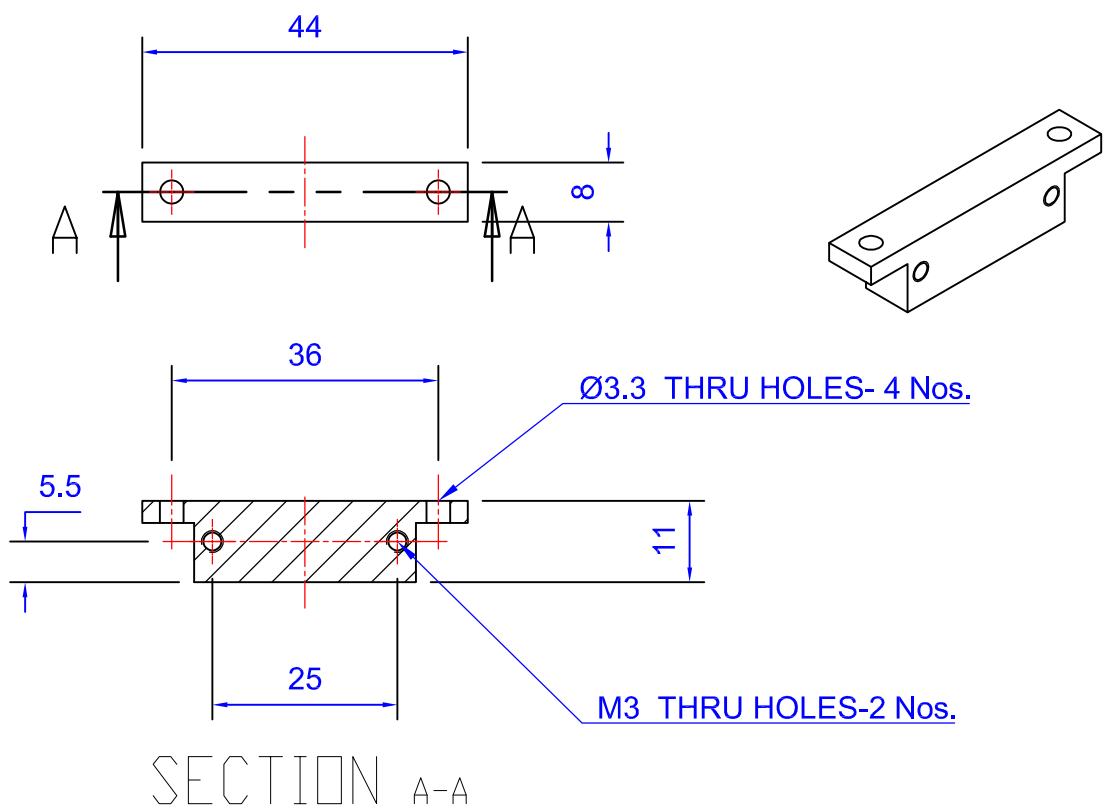
						SURFACE FINISH	CAL. WT.		
				04	NAV MAIN HOUSING	CLEARANCE	MATL: AL		
				No. OFF	NEXT ASSEMBLY		SPECN:		
							HEAT TREAT NO		
							FINISH		
CHLET	DATE	NAME	APPD	<div>HANSA-3 PROJECT</div> <div>NATIONAL AEROSPACE LABORATORIES</div> <div>BANGALORE, INDIA</div>				NAME	DATE
BLACK ANODISED		20					DRAWN	AJ	
SURFACETREATMENT		PT No.					STRESS	SRR	
<div>SCALE</div> <div>1:1</div>		<div>TITLE</div> <div>L BRACKET</div>					CHECK	SRR	
							DESNR	AJ	
							APPD	NAL	
							<div> </div>		
		NUMBER							

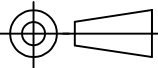


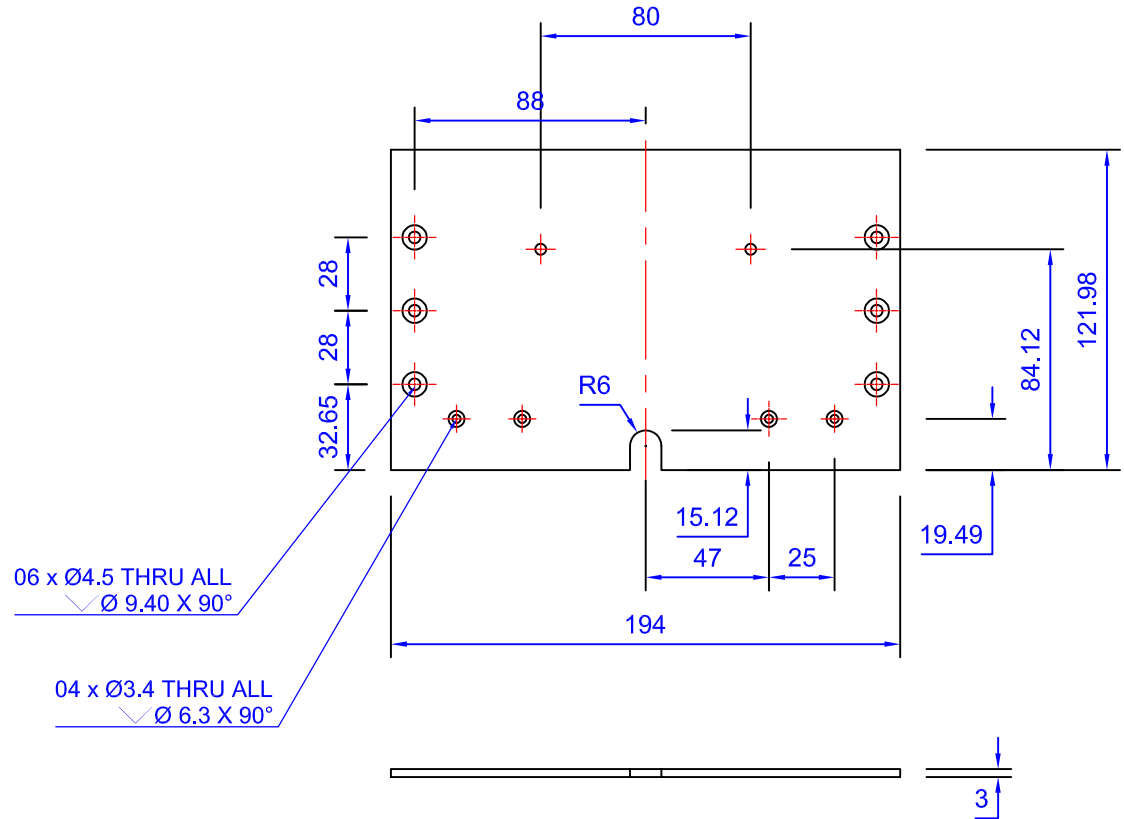
REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT				CAL. WT.		
						SURFACE FINISH		MATL: AL		
				02	A/F INTEGRATION			SPECN:		
				No. OFF	NEXT ASSEMBLY	CLEARANCE		HEAT TREAT NO		
				<div>HANSA-3 PROJECT</div> <div>NATIONAL AEROSPACE LABORATORIES</div> <div>BANGALORE, INDIA</div>				FINISH		
CHLET	DATE	NAME	APPD						NAME	DATE
BLACK ANODIZED			6					DRAWN	AJ	
SURFACE TREATMENT			PT No.					STRESS	SRR	
								CHECK	SRR	
SCALE 1:1		TITLE L CHANNEL				DESNR	AJ			
						APPD				
		NUMBER				SHEET NO.				
						OF				
						SHS				

GEN TOL IS: 2102(Part-1)-1980					
ABOVE	0.5	3	6	30	120
UP TO	3	6	30	120	315
REV	CHANGE MADE	DATE	BY	APPD	TOL +/-
					0.05
					0.05
					0.1
					0.15
					0.2
					0.3

REV	CHANGE MADE	DATE	BY	APPD	GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
					TOL +_	0.05	0.05	0.1	0.15	0.2	0.3



REMOVE SHARP EDGES & BURRS						TOL MET AFTER SURFACE TREATMENT						CAL. WT.						
						SURFACE FINISH						MATL: AL						
				02	NAV MAIN HOUSING							SPECN:						
				No. OFF	NEXT ASSEMBLY						CLEARANCE							
				<div>HANSA-3 PROJECT</div> <div>NATIONAL AEROSPACE LABORATORIES</div> <div>BANGALORE, INDIA</div>												HEAT TREAT NO		
CHLET	DATE	NAME	APPD													FINISH		
BLACK ANODISED			20														NAME	DATE
SURFACETREATMENT			PT No.															
SCALE 1:1			TITLE RIG HANDLE CONNECTOR												DRAWN	AJ		
															STRESS	SRR		
															CHECK	SRR		
															DESNR	AJ		
															APPD	NAL		
			NUMBER												SHEET NO.			
															OF			
															SHS			



NOTE:
1) ALL DIMENSIONS ARE IN mm
2) HOLES FOR HANDLE ARE TO BE MADE ACC.
HANDLE AVAILABLE

					GEN TOL IS: 2102(Part-1)-1980						
					ABOVE	0.5	3	6	30	120	315
					UP TO	3	6	30	120	315	1000
REV	CHANGE MADE	DATE	BY	APPD	TOL +/-	0.05	0.05	0.1	0.15	0.2	0.3

REMOVE SHARP EDGES & BURRS				TOL MET AFTER SURFACE TREATMENT				CAL. WT.				
					SURFACE FINISH			MATL: AL				
				01				A/F INTEGRATION		SPECN:		
				No. OFF	NEXT ASSEMBLY			CLEARANCE				
				HANSA-3 PROJECT NATIONAL AEROSPACE LABORATORIES BANGALORE, INDIA					HEAT TREAT NO			
CHLET		DATE	NAME						APPD	FINISH		
BLACK ANODISED									6		NAME	DATE
SURFACE TREATMENT									PT No.			
SCALE 1:1		TITLE LOWER RIGHT RIG SIDE PLATE					DRAWN		AJ			
							STRESS		SRR			
CHECK		SRR										
DESNR		AJ										
APPD												
		NUMBER					SHEET NO. OF SHS					