

	2	3	4
MACHINING FINISH MICRONS	$\sqrt{\sqrt{\sqrt{\quad}}} < 0.025$	$\sqrt{\sqrt{\quad}} 0.025 - 1.6$	$\sqrt{\quad} 1.6 - 8$ $\nabla 8 - 25$ $\text{S} > 25$
Do not scale the drawing, Ask if in doubt, All dimensions are in mm, Remove sharp edges & burrs, Chamfer 1x45°			

MARK ID NO: AD-S7-G/H1/#

NOTE:-

- (1) FOR MISSING DATA AND OTHER DETAILS REFER CAD MODEL SUPPLIED IN IGES/STEP FORMAT
- (2) MASK THESE SURFACES DURING THERMAL PAINTING
- (3) PAINT UNMASKED SURFACES WITH SPACE QUALIFIED THERMAL BLACK PAINT (AERO GLAZE Z306 OR EQUIVALENT)

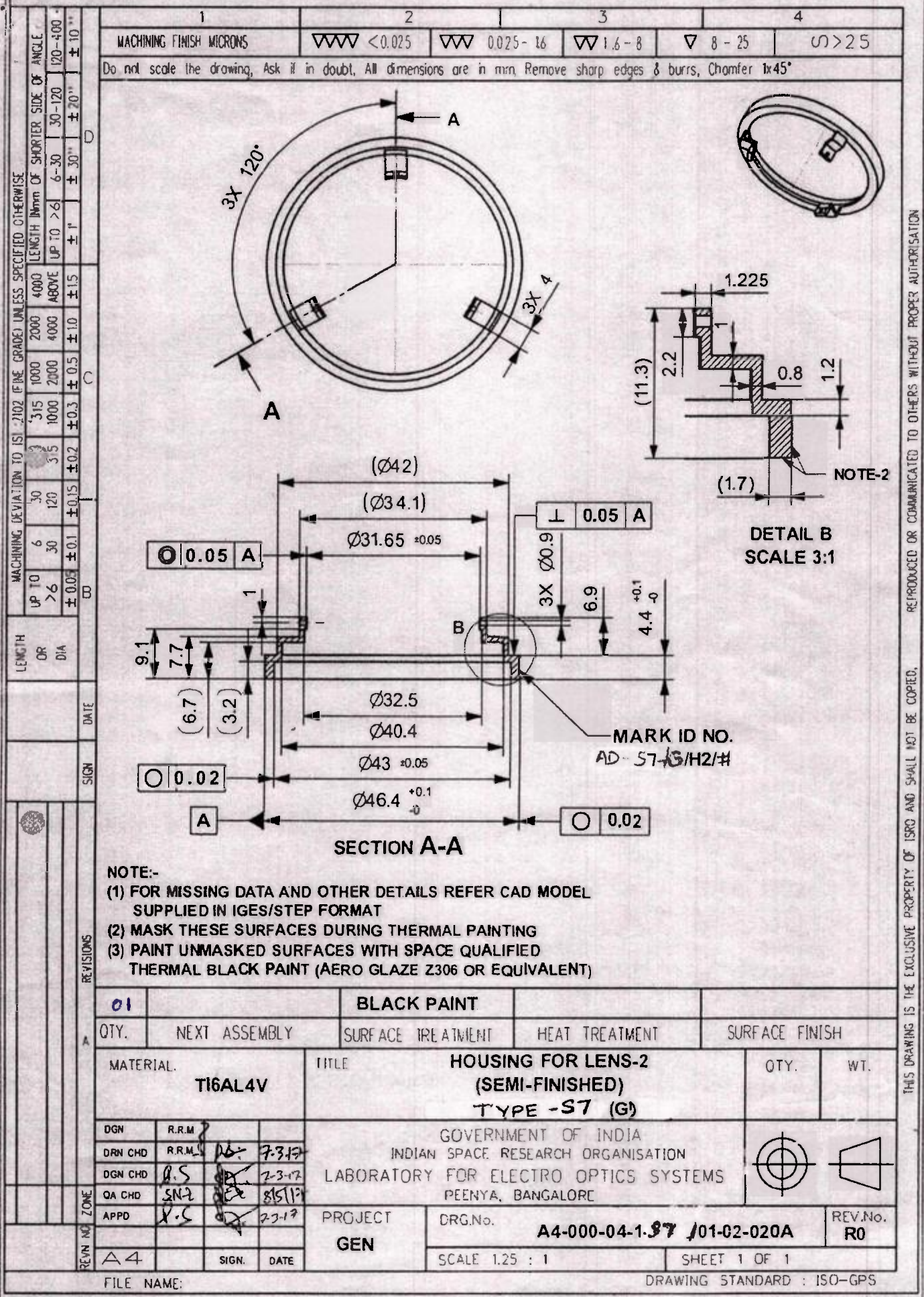
01	BLACK PAINT	$\sqrt{\sqrt{\sqrt{\quad}}}$	
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT
MATERIAL	TITLE		QTY.
Ti6Al4V	HOUSING FOR LENS-1 (SEMI-FINISHED) TYPE-S7 (G)		WT.
DGN	R.R.M		
DRN CHD	R.R.M	AB 23.12	
DGNCHD	P.S	22.12	
QA CHD	SN2	22.12	
APPD	P.S	22.12	
PROJECT	DRG.No.		REV.No.
GEN	A4-000-04-1-S7 / 01-01-022A		R0
SCALE	SHEET		DRAWING STANDARD
A4	1.25 : 1 1 OF 1		ISO-GPS

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MACHINING DEVIATION	UP TO 6	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	±1.0	±1.5	±1"	±20"	±10"
	>6	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	±1.0	±1.5	±1"	±20"	±10"
LENGTH OR DIA	UP TO 30	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	±1.0	±1.5	±1"	±20"	±10"
	>30	±0.05	±0.1	±0.15	±0.2	±0.3	±0.5	±1.0	±1.5	±1"	±20"	±10"
SIGN	DATE											
	REVISIONS											
REV. NO. ZONE	DATE											
	SIGN											

FILE NAME:

DRAWING STANDARD: ISO-GPS

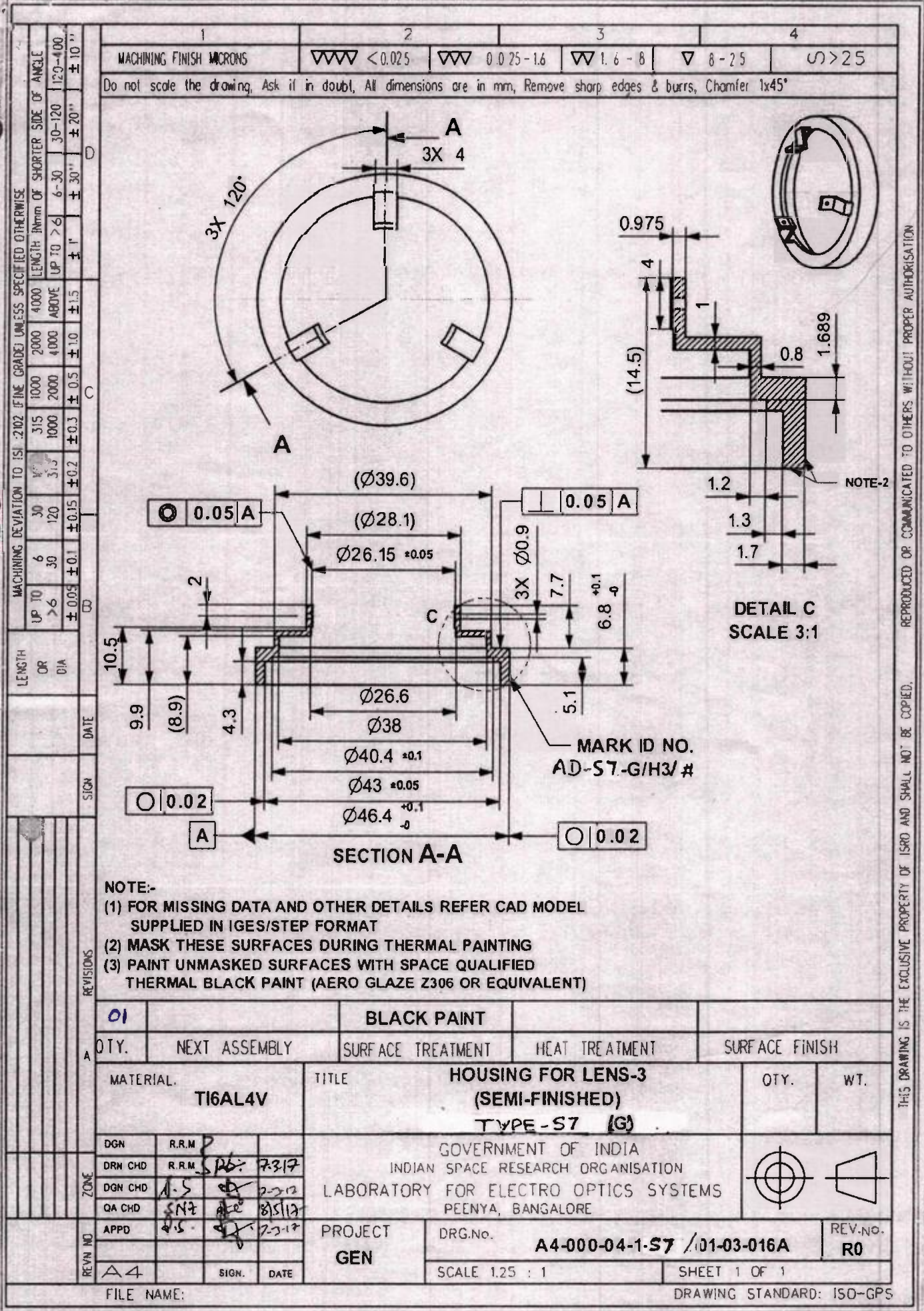


- NOTE:-**
- (1) FOR MISSING DATA AND OTHER DETAILS REFER CAD MODEL SUPPLIED IN IGES/STEP FORMAT
 - (2) MASK THESE SURFACES DURING THERMAL PAINTING
 - (3) PAINT UNMASKED SURFACES WITH SPACE QUALIFIED THERMAL BLACK PAINT (AERO GLAZE Z306 OR EQUIVALENT)

01	BLACK PAINT		
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT
MATERIAL.	TITLE		QTY.
TI6AL4V	HOUSING FOR LENS-2 (SEMI-FINISHED) TYPE -S7 (G)		WT.
DGN	R.R.M	GOVERNMENT OF INDIA	
DRN CHD	R.R.M	INDIAN SPACE RESEARCH ORGANISATION	
DGN CHD	R.S	LABORATORY FOR ELECTRO OPTICS SYSTEMS	
QA CHD	SN2	PEENYA, BANGALORE	
APPD	X.S	PROJECT	CRG.No.
		GEN	A4-000-04-1.87 /01-02-020A
REV. NO. ZONE		SCALE 1.25 : 1	REV.No. R0
4	SIGN. DATE	SHEET 1 OF 1	

FILE NAME: _____ DRAWING STANDARD : ISO-GPS

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NOTE:-

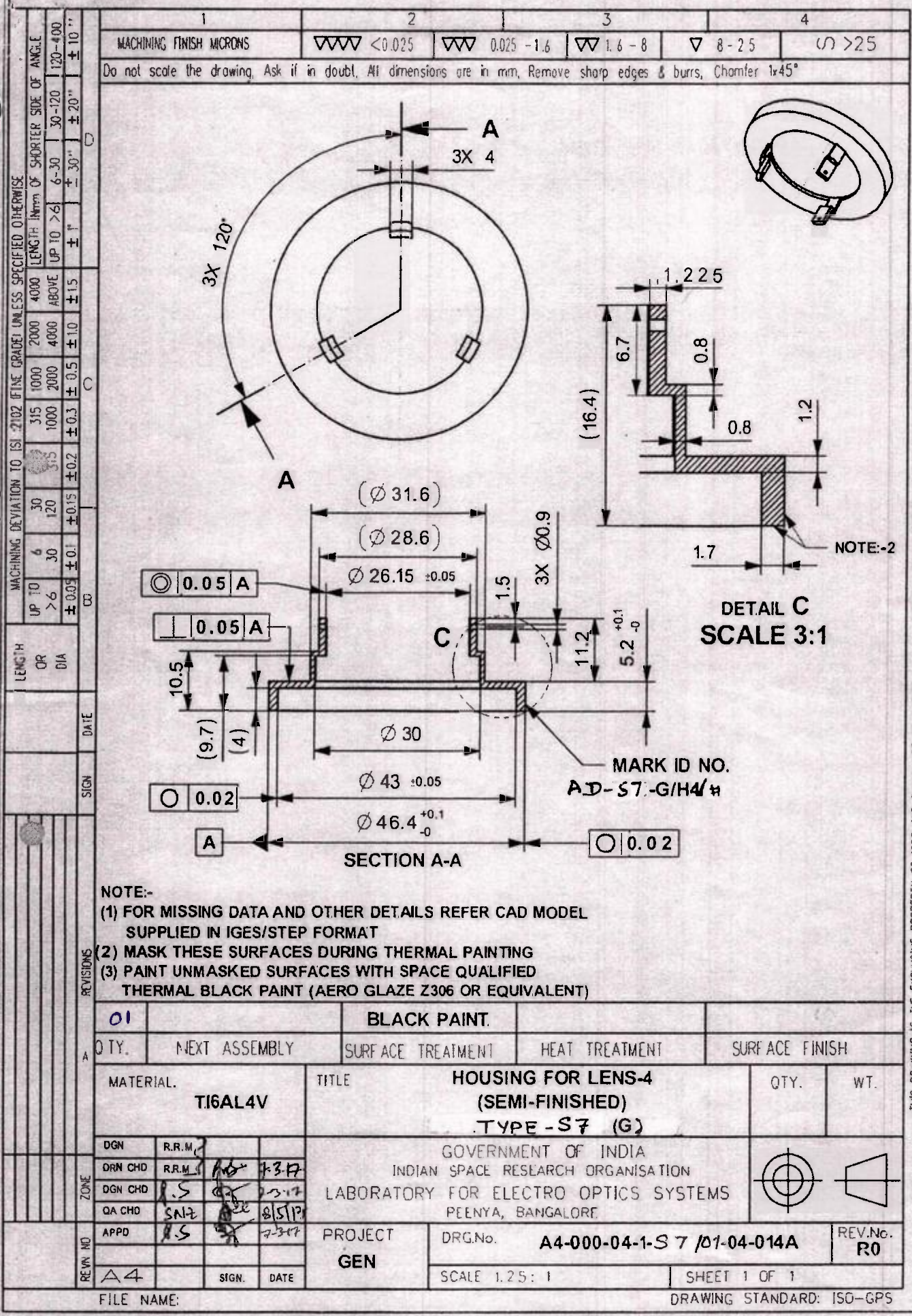
- (1) FOR MISSING DATA AND OTHER DETAILS REFER CAD MODEL SUPPLIED IN IGES/STEP FORMAT
- (2) MASK THESE SURFACES DURING THERMAL PAINTING
- (3) PAINT UNMASKED SURFACES WITH SPACE QUALIFIED THERMAL BLACK PAINT (AERO GLAZE Z306 OR EQUIVALENT)

01		BLACK PAINT			
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH	
MATERIAL. T16AL4V		TITLE HOUSING FOR LENS-3 (SEMI-FINISHED) TYPE-S7 (G)		QTY.	WT.
DGN	R.R.M	GOVERNMENT OF INDIA			
DRN CHD	R.R.M	INDIAN SPACE RESEARCH ORGANISATION			
DGN CHD	A.S	LABORATORY FOR ELECTRO OPTICS SYSTEMS PEENYA, BANGALORE			
QA CHD	S.N.R				
APPD	A.S	PROJECT GEN		DRG.No. A4-000-04-1-S7 / 01-03-016A	REV.No. R0
REV. NO. A4	SIGN.	DATE	SCALE 1.25 : 1	SHEET 1 OF 1	

FILE NAME:

DRAWING STANDARD: ISO-GPS

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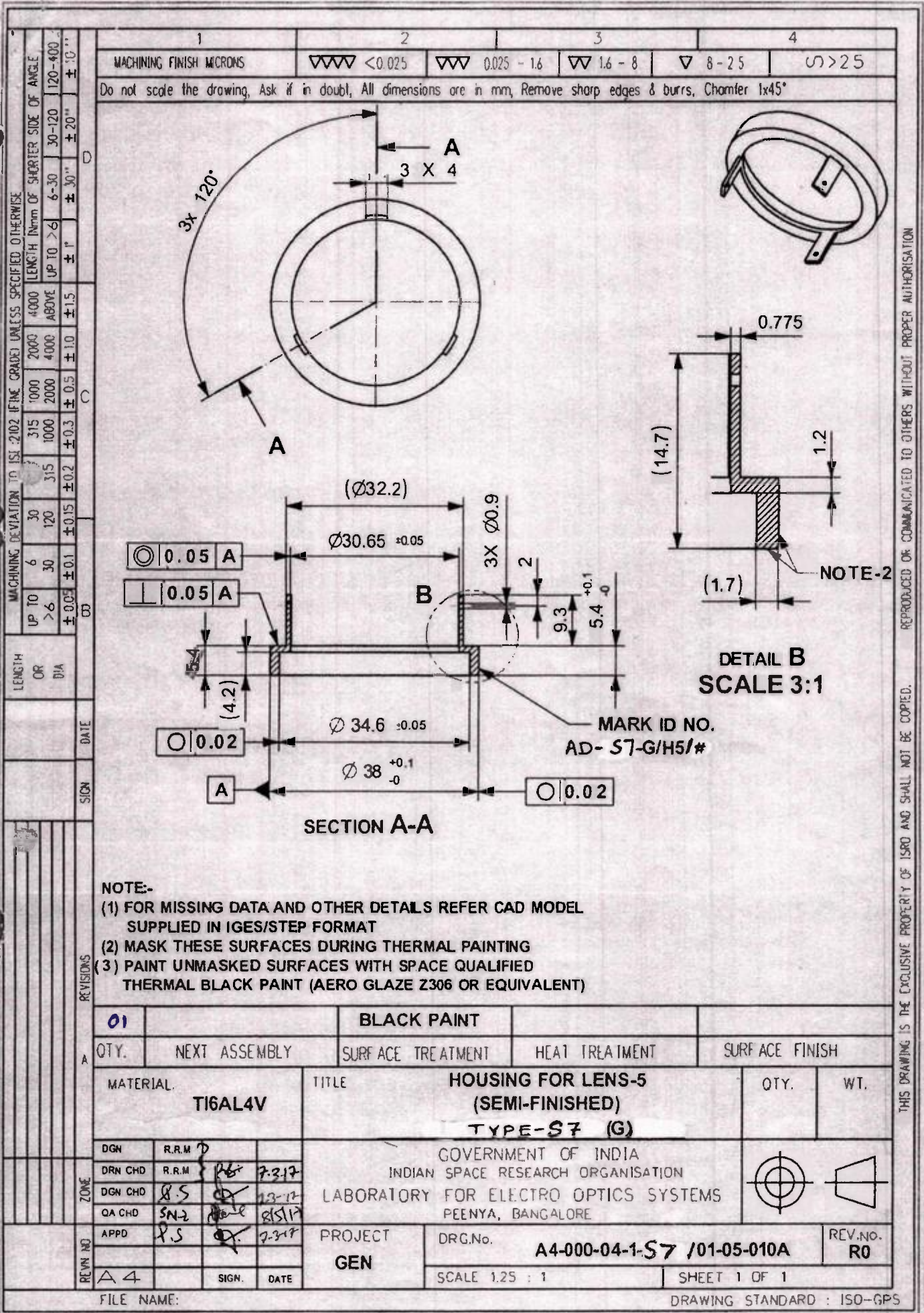


NOTE:-
 (1) FOR MISSING DATA AND OTHER DETAILS REFER CAD MODEL SUPPLIED IN IGES/STEP FORMAT
 (2) MASK THESE SURFACES DURING THERMAL PAINTING
 (3) PAINT UNMASKED SURFACES WITH SPACE QUALIFIED THERMAL BLACK PAINT (AERO GLAZE Z306 OR EQUIVALENT)

01		BLACK PAINT.		
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH
MATERIAL. TI6AL4V		TITLE HOUSING FOR LENS-4 (SEMI-FINISHED) .TYPE-S7 (G)		QTY. WT.
DGN	R.R.M.	GOVERNMENT OF INDIA		
DRN CHD	R.R.M.	INDIAN SPACE RESEARCH ORGANISATION		
DGN CHD	S.N.	LABORATORY FOR ELECTRO OPTICS SYSTEMS		
QA CHD	S.N.	PEENYA, BANGALORE		
APPD	S	PROJECT GEN	DRG.No. A4-000-04-1-S 7 /01-04-014A	REV.No. R0
REV. NO. A4	SIGN.	DATE	SCALE 1.25 : 1	SHEET 1 OF 1

FILE NAME: _____ DRAWING STANDARD: ISO-GPS

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NOTE:-
 (1) FOR MISSING DATA AND OTHER DETAILS REFER CAD MODEL SUPPLIED IN IGES/STEP FORMAT
 (2) MASK THESE SURFACES DURING THERMAL PAINTING
 (3) PAINT UNMASKED SURFACES WITH SPACE QUALIFIED THERMAL BLACK PAINT (AERO GLAZE Z306 OR EQUIVALENT)

01	BLACK PAINT			
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH
MATERIAL	TITLE			QTY.
Ti6AL4V	HOUSING FOR LENS-5 (SEMI-FINISHED) TYPE-S7 (G)			WT.
DGN	R.R.M			
DRN CHD	R.R.M	7.2.17		
DGN CHD	S.S	13-17		
QA CHD	S.N.2	2.3.17		
APPD	S.S	2.3.17		
PROJECT	DRG.No.		REV.No.	
GEN	A4-000-04-1-S7 /01-05-010A		R0	
SCALE	SHEET		REV.No.	
1.25 : 1	1 OF 1		R0	

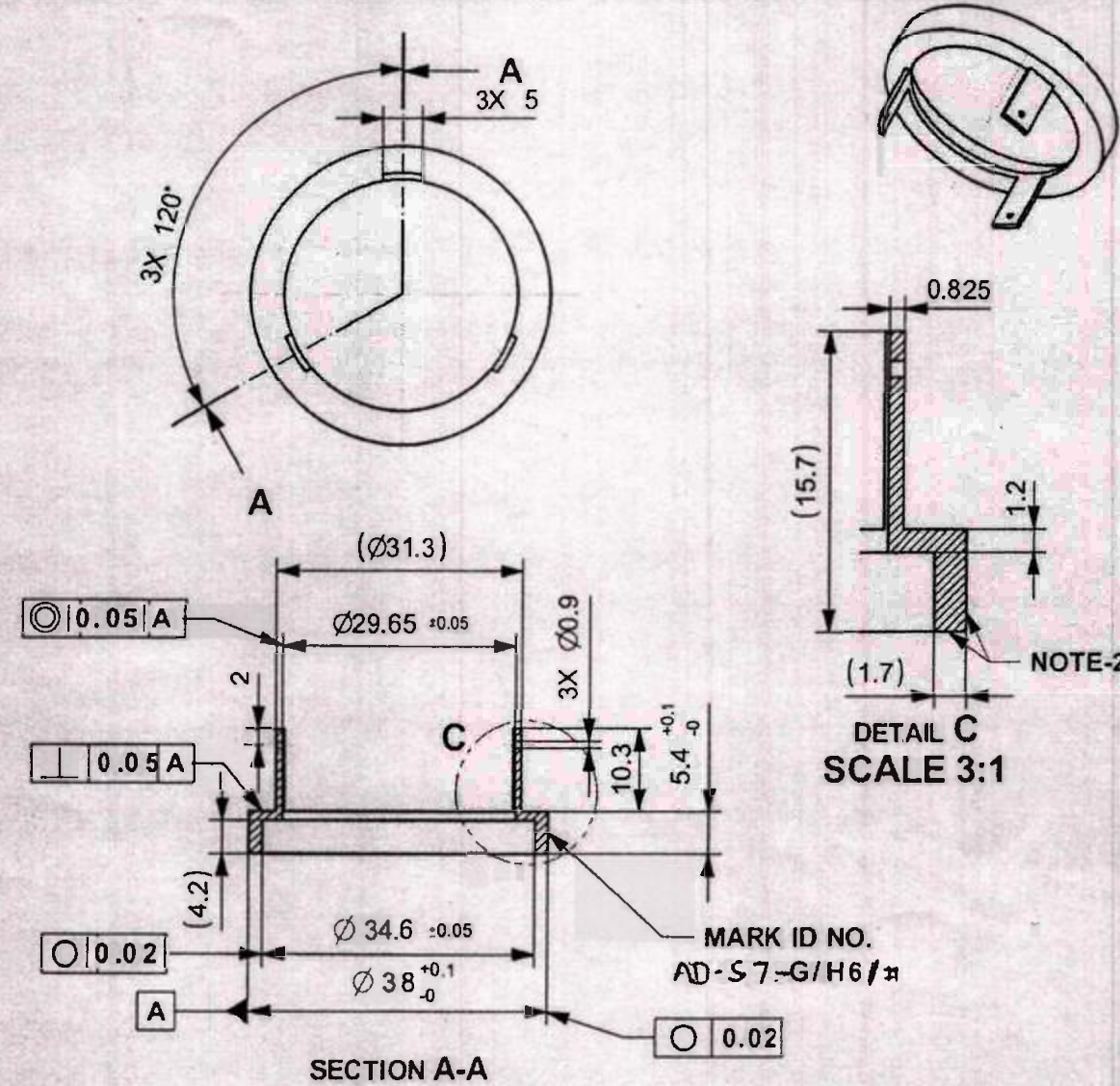
FILE NAME: _____ DRAWING STANDARD : ISO-GPS

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MACHINING FINISH MICRONS		1	2	3	4
		▽▽▽ <0.025	▽▽ 0.025-1.6	▽ 1.6-8	▽ 8-25
		▽ >25			

Do not scale the drawing, Ask if in doubt, All dimensions are in mm, Remove sharp edges & burrs, Chamfer 1x45°

MACHINING DEVIATION TO ISI: 2102 (FINE GRADE) UNLESS SPECIFIED OTHERWISE	4000	4000	4000	4000	4000
	2000	2000	2000	2000	2000
LENGTH (INMM OF SHORTER SIDE OF ANGLE)	UP TO >6	6-30	30-120	120-400	>400
	± 0.1	± 0.15	± 0.2	± 0.3	± 0.5
LENGTH OR DIA	UP TO >6	6-30	30-120	120-400	>400
	± 0.05	± 0.1	± 0.15	± 0.2	± 0.3



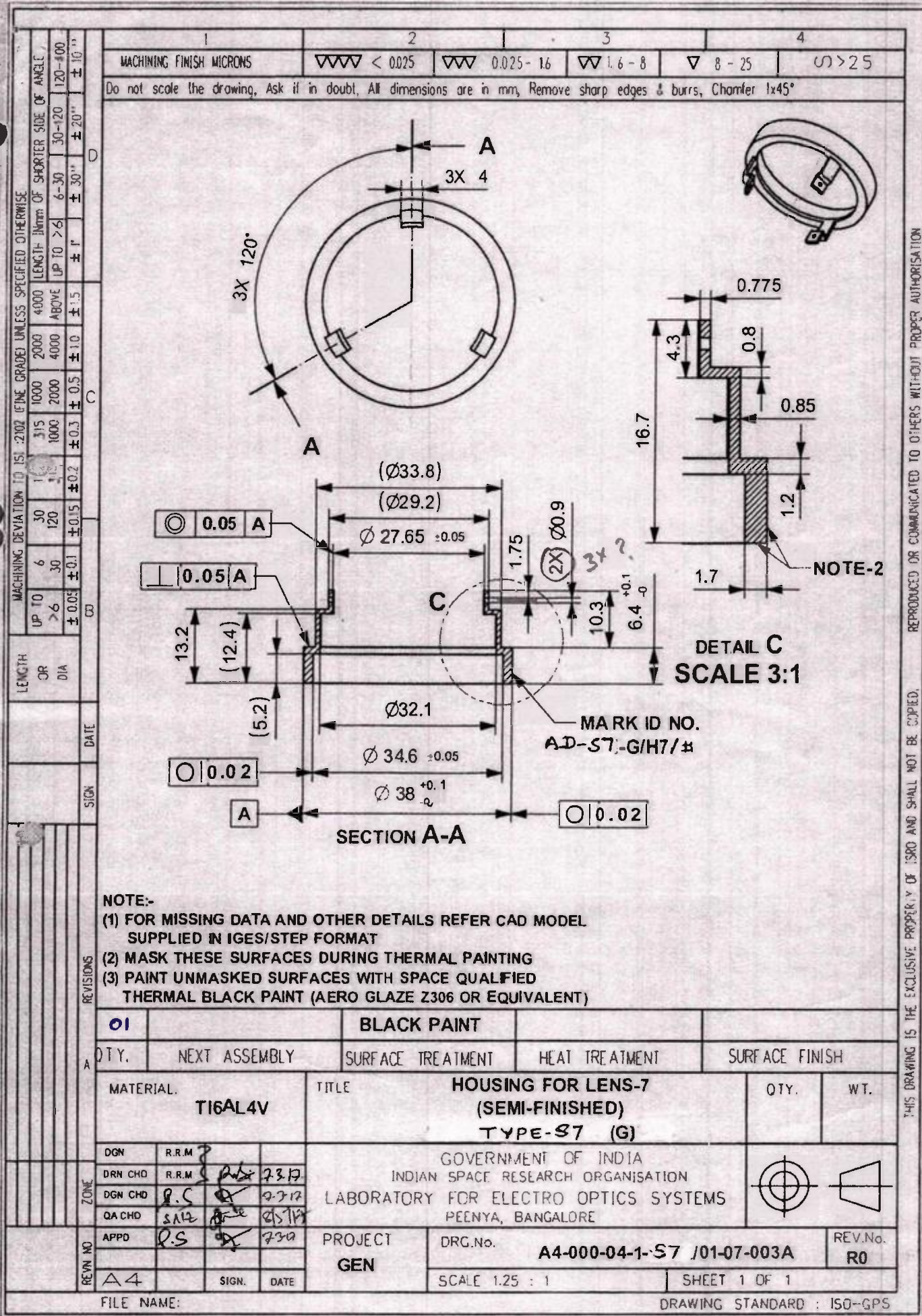
NOTE:-
 (1) FOR MISSING DATA AND OTHER DETAILS REFER CAD MODEL SUPPLIED IN IGES/STEP FORMAT
 (2) MASK THESE SURFACES DURING THERMAL PAINTING
 (3) PAINT UNMASKED SURFACES WITH SPACE QUALIFIED THERMAL BLACK PAINT (AERO GLAZE Z306 OR EQUIVALENT)

01	BLACK PAINT		
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT
MATERIAL.	TITLE		QTY.
T16AL4V	HOUSING FOR LENS-6 (SEMI-FINISHED) TYPE-S7 (6)		WT.
DGN	R.R.M.	GOVERNMENT OF INDIA	
DRN CHD	R.R.M.	INDIAN SPACE RESEARCH ORGANISATION	
DGNCHD	R.S.	LABORATORY FOR ELECTRO OPTICS SYSTEMS	
QACHD	SNZ	PEENYA, BANGALORE	
APPD	R.S.	PROJECT	DRG.No.
A4		GEN	A4-000-04-1-5 7 /01-06-006A
SIGN.	DATE	SCALE 1.25 : 1	REV.No. R0

FILE NAME:

DRAWING STANDARD : ISO-GPS

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NOTE:-

- (1) FOR MISSING DATA AND OTHER DETAILS REFER CAD MODEL SUPPLIED IN IGES/STEP FORMAT
- (2) MASK THESE SURFACES DURING THERMAL PAINTING
- (3) PAINT UNMASKED SURFACES WITH SPACE QUALIFIED THERMAL BLACK PAINT (AERO GLAZE Z306 OR EQUIVALENT)

01		BLACK PAINT				
QTY.		NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH	
MATERIAL.		TITLE			QTY.	WT.
Ti6AL4V		HOUSING FOR LENS-7 (SEMI-FINISHED) TYPE-S7 (G)				
DGN	R.R.M ?	GOVERNMENT OF INDIA				
DRN CHD	R.R.M	INDIAN SPACE RESEARCH ORGANISATION				
DGN CHD	R.S	LABORATORY FOR ELECTRO OPTICS SYSTEMS				
QA CHD	SALZ	PEENYA, BANGALORE				
APPD	RS	PROJECT	DRG.No.	REV.No.		
		GEN	A4-000-04-1-S7 /01-07-003A	R0		
REV NO	4	SIGN.	DATE	SCALE 1.25 : 1	SHEET 1 OF 1	

FILE NAME:

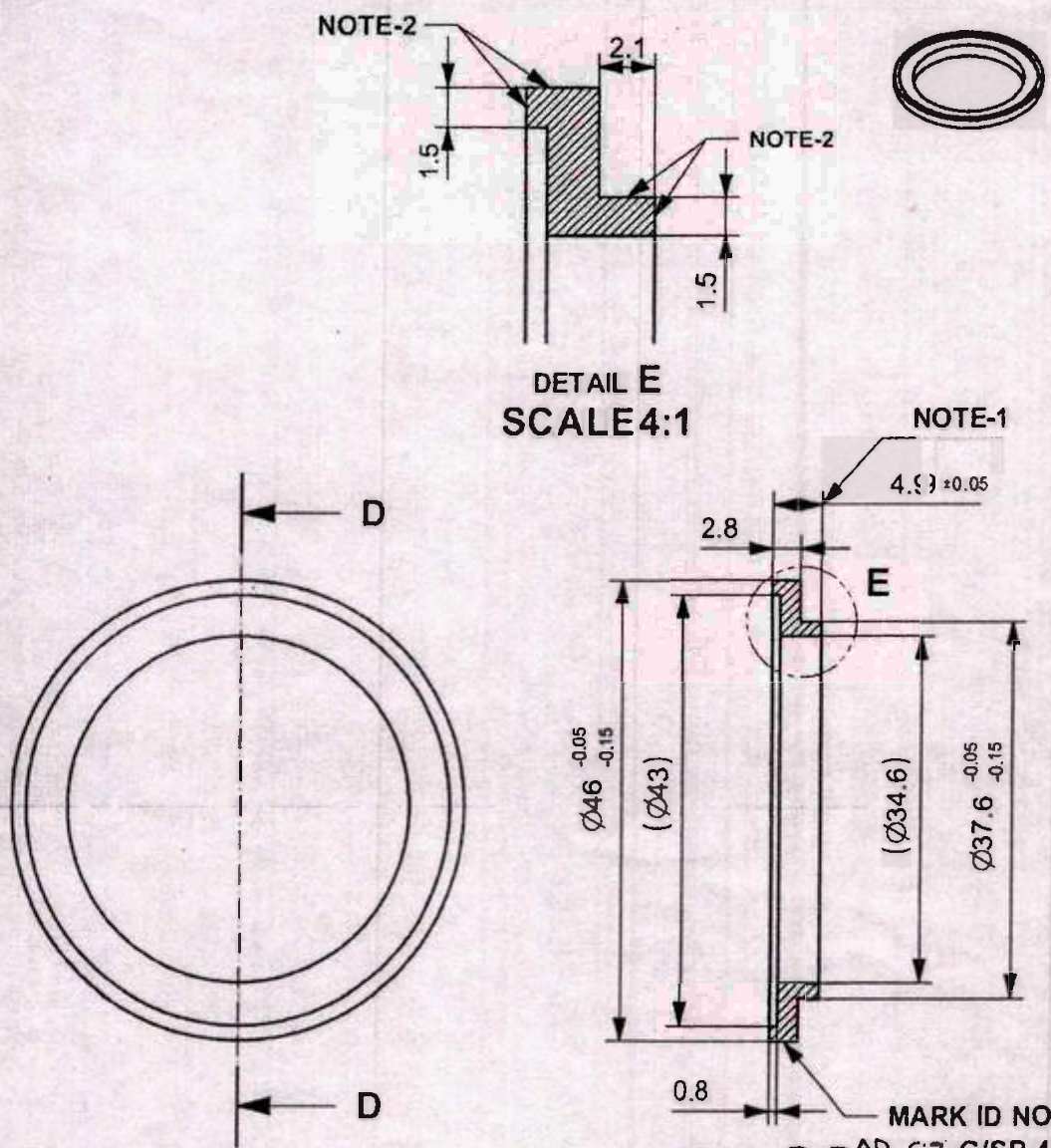
DRAWING STANDARD : ISO-GPS

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MACHINING DEVIATION TO IS:2102 MEDIUM GRADE UNLESS SPECIFIED OTHERWISE		LENGTH (In mm OF SHORTER SIDE OF ANGLE)	
UP TO	30	4000	4000
6	1.20	2000	2000
30	0.5	1000	1000
>6	± 0.1	ABOVE	ABOVE
	± 0.2	6-30	30-120
	± 0.3	± 1"	± 20"
	± 0.5	± 30"	± 10"
	± 0.8	± 2.0	± 3.0
	± 1.2	± 2.0	± 3.0
	± 1.2	± 2.0	± 3.0
	± 1.2	± 2.0	± 3.0

1	2	3	4
MACHINING FINISH MICRONS	▽▽▽ <0.025	▽▽ 0.025-1.6	▽ 1.6 - 8
			▽ 8 - 25
			∩ >25

Do not scale the drawing. Ask if in doubt. All dimensions are in mm, Remove sharp edges & burrs, Chamfer 1x45°



- NOTE:-
- (1) FOR MISSING DATA AND OTHER DETAILS REFER CAD MODEL SUPPLIED IN IGES/STEP FORMAT
 - (2) MASK THESE SURFACES DURING THERMAL PAINTING
 - (3) PAINT UNMASKED SURFACES WITH SPACE QUALIFIED THERMAL BLACK PAINT (AERO GLAZE Z306 OR EQUIVALENT)

01	BLACK PAINT		
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT
			SURFACE FINISH
MATERIAL.	TITLE		QTY.
Ti6Al4V	SPACER_EL_4_5 (SEMI FINISHED) TYPE-S7 (G)		01
			WT. X
DGN	R.R.M	GOVERNMENT OF INDIA	
DRN CHD	R.R.M	INDIAN SPACE RESEARCH ORGANISATION	
DGN CHD	R.S	LABORATORY FOR ELECTRO OPTICS SYSTEMS	
QA CHD	SAL	PEENYA, BANGALORE	
APPD	R.S	PROJECT	DRG.No. A4-000-04-1-S7 /01-00-012A
		GEN	REV.No. R0
REV NO	△ 4	SIGN.	DATE

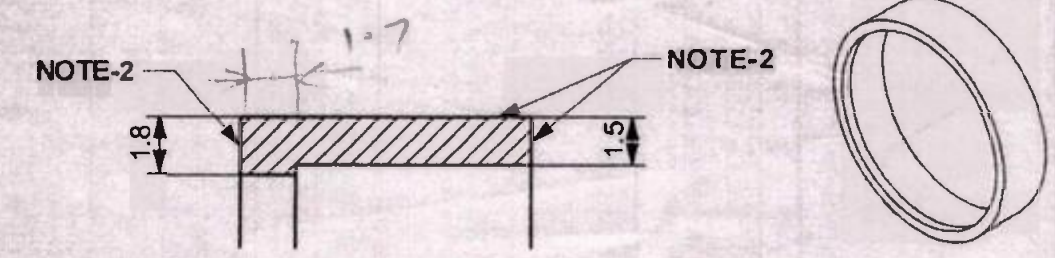
FILE NAME: _____ SCALE 1:1 SHEET 1 OF 1 DRAWING STANDARD: ISO-GPS

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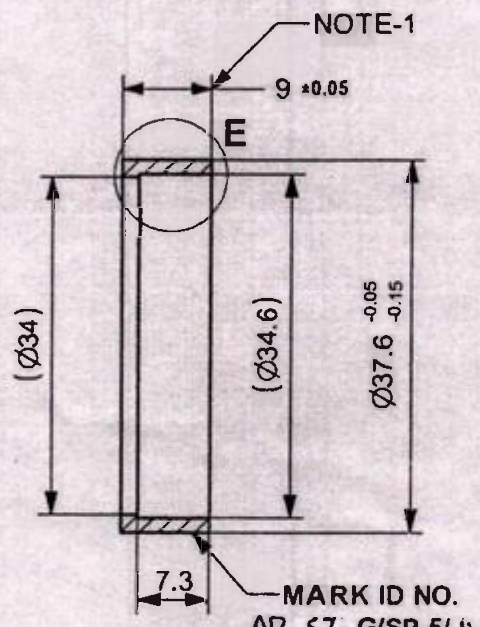
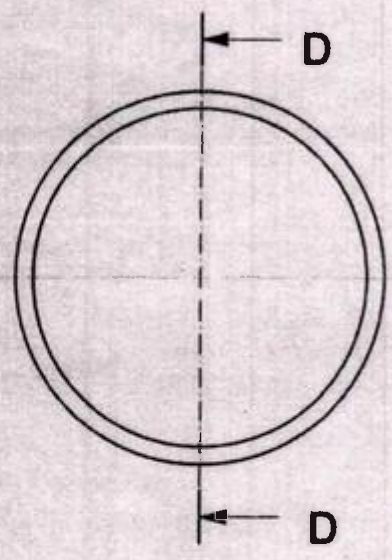
LENGTH OR DIA	MACHINING DEVIATION TO IS2102 (FINE GRADE) UNLESS SPECIFIED OTHERWISE	
	UP TO	ABOVE
>6	± 0.05	± 0.1
6-30	± 0.15	± 0.2
30-100	± 0.2	± 0.3
100-2000	± 0.5	± 1.0
2000-4000	± 1.0	± 1.5
4000-120-100	± 1.5	± 2.0
UP TO >6	± 1'	± 10''
6-30	± 30''	± 20''
30-120	± 20''	± 10''
120-100	± 10''	± 10''

1	2	3	4
MACHINING FINISH MICRONS	▽▽▽ <0.025	▽▽ 0.025-1.6	▽ 1.6-8
			▽ 8-25
			▽ >25

Do not scale the drawing, Ask if in doubt, All dimensions are in mm, Remove sharp edges & burrs, Chamfer 1x45°



DETAIL E
SCALE 5:1



SECTION D-D

MARK ID NO.
AD- S7- G/SP-51 A

- NOTE:-
- (1) FOR MISSING DATA AND OTHER DETAILS REFER CAD MODEL SUPPLIED IN IGES/STEP FORMAT
 - (2) MASK THESE SURFACES DURING THERMAL PAINTING
 - (3) PAINT UNMASKED SURFACES WITH SPACE QUALIFIED THERMAL BLACK PAINT (AERO GLAZE Z306 OR EQUIVALENT)

QTY.	01	BLACK PAINT		
	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH
MATERIAL.	Ti6Al4V		TITLE	SPACER EL_5_6 (SEMI-FINISHED) TYPE-S7 (G)
				QTY. 01 WT. X
DGN	R.R.M		GOVERNMENT OF INDIA	
DRN CHD	R.R.M	AD-7317	INDIAN SPACE RESEARCH ORGANISATION	
DGN CHD	R.S	7-217	LABORATORY FOR ELECTRO OPTICS SYSTEMS	
QA CHD	SNT	7-317	PEENYA, BANGALORE	
APPD	R.S	7-317	PROJECT	DRG.No. A4-000-04-1-S7 /01-00-08A
			GEN	REV.No. R0
REVW NO	A4	SIGN.	DATE	SCALE 1:1
				SHEET 1 OF 1

FILE NAME:

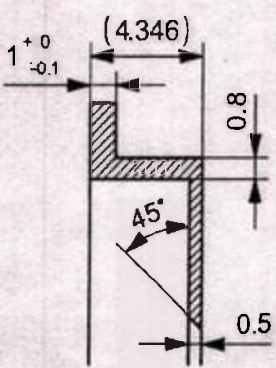
DRAWING STANDARD: ISO-GPS

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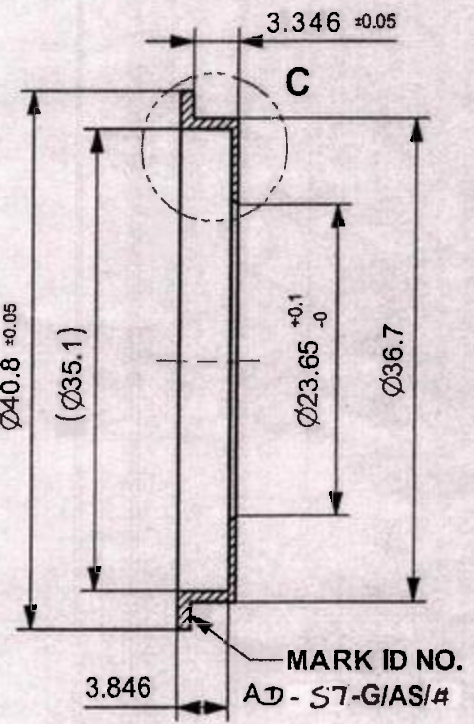
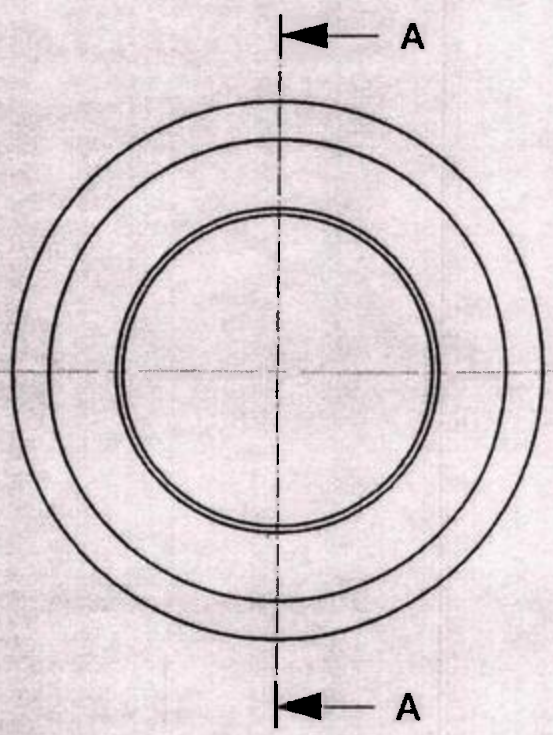
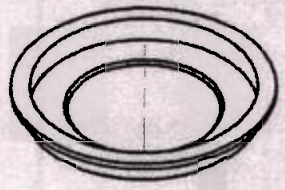
MACHINING DEVIATION TO IS:2102 (FINE GRADE) UNLESS SPECIFIED OTHERWISE	
UP TO	± 0.005
>6	± 0.01
6	± 0.15
30	± 0.2
120	± 0.3
300	± 0.5
1000	± 1.0
2000	± 1.5
4000	± 2.0
ABOVE	± 1.5
LENGTH (mm) OF SHORTER SIDE OF ANGLE	
UP TO >6	± 1°
6-30	± 30"
30-120	± 20"
120-400	± 10"

1	2	3	4
MACHINING FINISH MICRONS	▽▽▽ < 0.025	▽▽ 0.025-1.6	▽ 1.6 - 8
			▽ 8 - 25
			∩ > 25

Do not scale the drawing, Ask if in doubt, All dimensions are in mm, Remove sharp edges & burrs, Chamfer 1x45°



DETAIL C
SCALE 4:1



SECTION A-A

REVISIONS

01				
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH
MATERIAL	TITLE		QTY.	WT.
Ti6Al4V	APERTURE STOP EL_2_3 TYPE-S7 (G)		01	X
DGN	R.R.M	GOVERNMENT OF INDIA		
DRN CHD	R.R.M	INDIAN SPACE RESEARCH ORGANISATION		
DGN CHD		LABORATORY FOR ELECTRO OPTICS SYSTEMS		
QA CHD	SMZ	PEENYA, BANGALORE		
APPD		PROJECT	ORG.No.	REV.No.
OMRDC		GEN	A4-000-04-1-S7 /01-00-025	R0
REVNO	A4	SIGN.	DATE	SCALE 1:1
				SHEET 1 OF 1

FILE NAME:

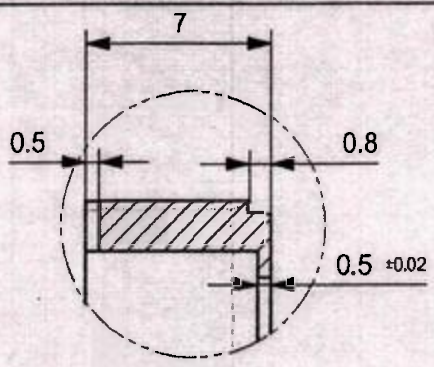
DRAWING STANDARD: ISO-GPS

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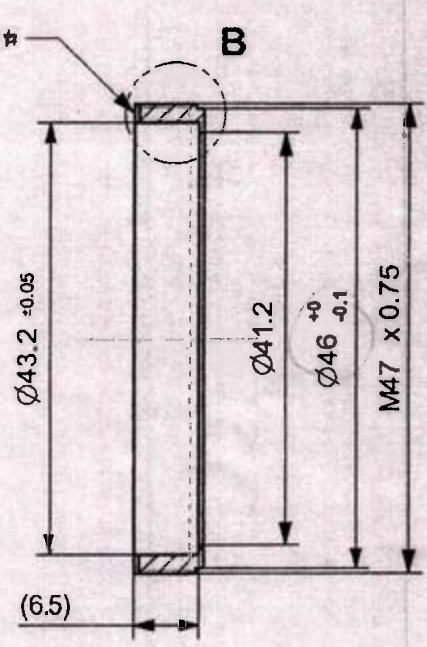
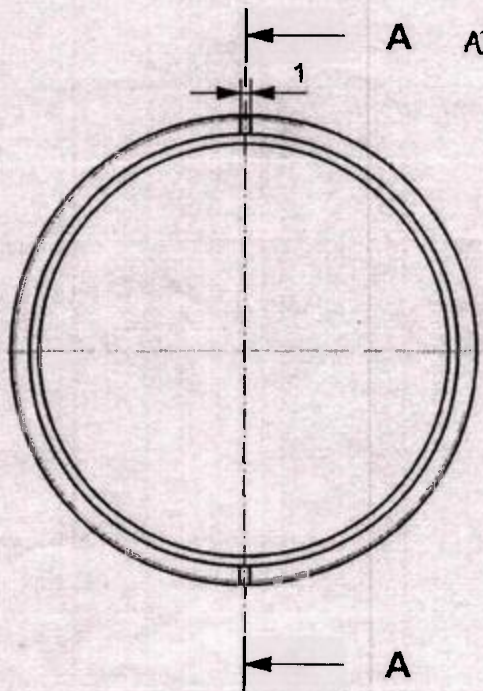
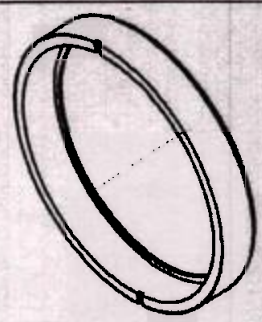
MACHINING DEVIATION TO IS:2102 IF THE GRADE UNLESS SPECIFIED OTHERWISE	
LENGTH OF SHORTER SIDE OF ANGLE	UP TO >6
6-30	± 0.1
30-120	± 0.15
120-400	± 0.2
400	± 0.3
UP TO >6	± 0.05
6-30	± 0.1
30-120	± 0.15
120-400	± 0.2
400	± 0.3

1	2	3	4
MACHINING FINISH MICRONS	▽▽▽ <0.025	▽▽ 0.025-16	▽ 1.6-8
			▽ 8-25
			▽ >25

Do not scale the drawing, Ask if in doubt, All dimensions are in mm, Remove sharp edges & burrs, Chamfer 1x45°



DETAIL B
SCALE 4:1



SECTION A-A

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REVISIONS

01					
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH	
MATERIAL.	TITLE			QTY.	WT.
Ti6Al4V	HOUSING FOR FILTER TYPE-S7 (G)			01	X
DGN	R.R.M		GOVERNMENT OF INDIA		
DRN CHD	R.R.M	62.17	INDIAN SPACE RESEARCH ORGANISATION		
DGN CHD	K.S	7-3-17	LABORATORY FOR ELECTRO OPTICS SYSTEMS		
QA CHD	S.N.B	15/17	PEENYA, BANGALORE		
APPD	K.S	7-3-17	PROJECT	DRG.No.	REV.No.
			GEN	A4-000-04-1-S7 / 01-08-028	R0
△ 4	SIGN.	DATE	SCALE 1.5:1	SHEET 1 OF 1	

FILE NAME:

DRAWING STANDARD: ISO-GPS

MACHINING FINISH MICRONS		▽▽▽ <0.025	▽▽ 0.025-1.6	▽▽ 1.6-8	▽ 8-25
Do not scale the drawing. Ask if in doubt. All dimensions are in mm. Remove sharp edges & burrs, Chamfer 1x45°					
MACHINING DEVIATION TO IS2102 (FINE GRADE) UNLESS SPECIFIED OTHERWISE UP TO 6 ±0.05 6-30 ±0.1 30-120 ±0.15 120-300 ±0.2 300-1000 ±0.3 1000-2000 ±0.5 2000-4000 ±1.0 4000 ABOVE ±1.5	LENGTH OR DIA UP TO 6 6-30 30-120 120-300 300-1000 1000-2000 2000-4000 4000 ABOVE	LENGTH (mm) OF SHORTER SIDE OF ANGLE UP TO >6 6-30 30-120 120-400	± 10" ± 20" ± 30" ± 1"		
SECTION A-A					
MARK ID NO. AD-S7-G/EA/ #					
REVISIONS					
01					▽
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH	
MATERIAL: Ti6Al4V		TITLE: END APERTURE FOR EL_7 TYPE-S7 (G)		QTY. 01	WT. X
DGN	R.R.M	GOVERNMENT OF INDIA			
DRN CHD	R.R.M	INDIAN SPACE RESEARCH ORGANISATION			
DGN CHD		LABORATORY FOR ELECTRO OPTICS SYSTEMS			
QA	SNL	PEENYA, BANGALORE			
APPD	OMRDC	PROJECT	DRG.No. A4-000-04-1-S.7 /01-00-026	REV.No. R0	
REV. NO. A4	SIGN.	DATE	GEN	SCALE 1.5:1	SHEET 1 OF 1
FILE NAME:			DRAWING STANDARD: ISO-GPS		

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MACHINING FINISH MICRO 15

▽▽▽ < 0.025

▽▽ 0.025-1.6

▽ 1.6-8

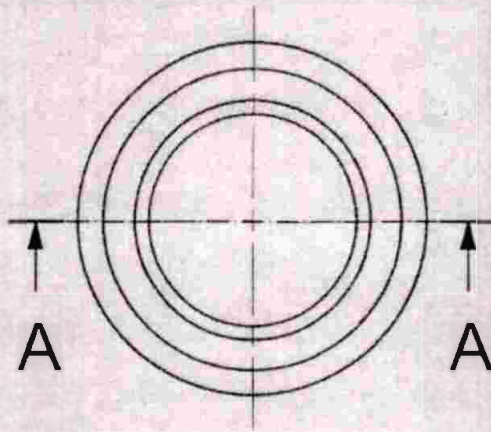
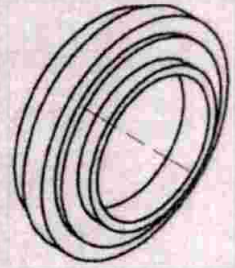
▽ 8-25

▽ > 25

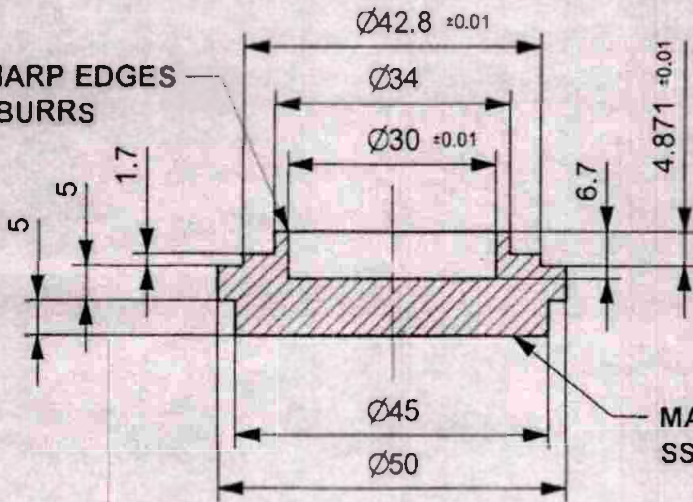
Do not scale the drawing, Ask if in doubt. All dimensions are in mm. Remove sharp edges & burrs, Chamfer 1x45°

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Gluing fixtures



RETAIN SHARP EDGES WITHOUT BURRS



MARK ID. NO. SSO2/FIXT-G-01

SECTION A-A

QTY.	01	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH
MATERIAL.	AA2024	TITLE			GLUING FIXTURE FOR LENS-1 TYPE S7(G)
DGN	R.R.M	GOVERNMENT OF INDIA			QTY.
DRN CHD	R.R.M	INDIAN SPACE RESEARCH ORGANISATION			01
DGN CHD	RS	LABORATORY FOR ELECTRO OPTICS SYSTEMS			WT.
QA CHD	SNZ	PEENYA, BANGALORE			X
APPD	S.S	PROJECT	DRG.No.	A4-000-04-1- S7 / FIXT-G-01	REV.No.
		GEN	SCALE 1:1		R0
REV. NO.	A4	SIGN.	DATE	SHEET 1 OF 1	

FILE NAME:

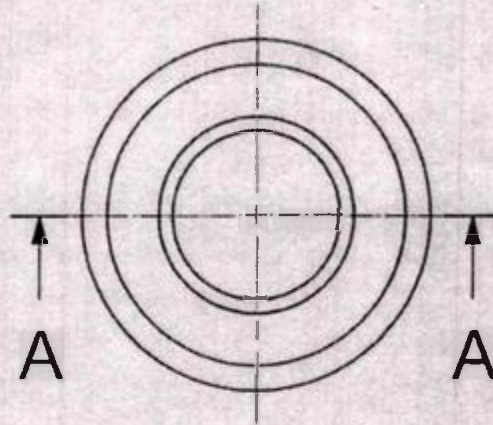
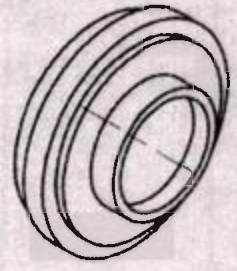
DRAWING STANDARD: ISO-GPS

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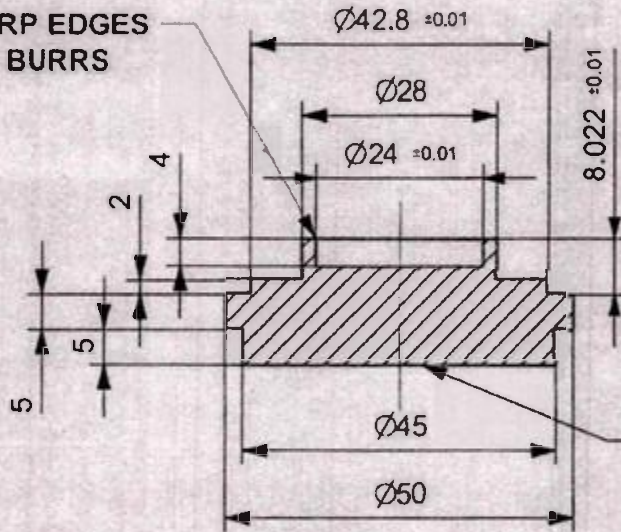
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MACHINING FINISH MICRONS	$\nabla < 0.025$	$\nabla 0.025 - 1.6$	$\nabla 1.6 - 8$
			$\nabla 8 - 25$
			$\nabla > 25$

Do not scale the drawing, Ask if in doubt, All dimensions are in mm, Remove sharp edges & burrs, Chamfer 1x45°

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RETAIN SHARP EDGES WITHOUT BURRS



MARK ID. NO. SSO2/FIXT-G-02

SECTION A-A

REVISIONS

01				
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH

MATERIAL.	TITLE	QTY.	WT.
AA2024	GLUING FIXTURE FOR LENS-2 TYPE S7 (G)	01	X

DGN	R.R.M	GOVERNMENT OF INDIA INDIAN SPACE RESEARCH ORGANISATION LABORATORY FOR ELECTRO OPTICS SYSTEMS PEENYA, BANGALORE	
DRN CHD	R.R.M		
DGN CHD	H.S		
QA CHD	SA/2		

APPD	H.S	PROJECT	DRG.No.	RE V.No.
		GEN	A4-000-04-1-S7/FIXT-G-02	R0

SCALE 1:1	SHEET 1 OF 1
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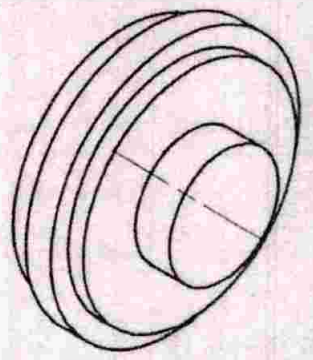
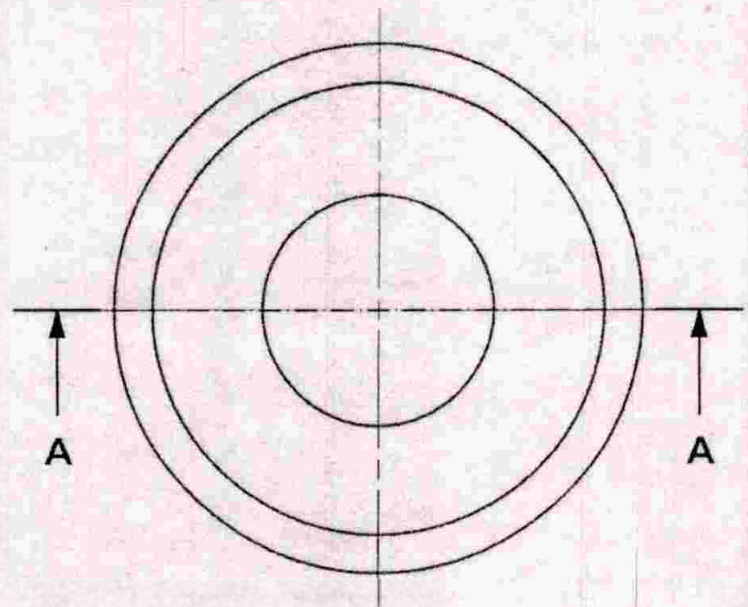
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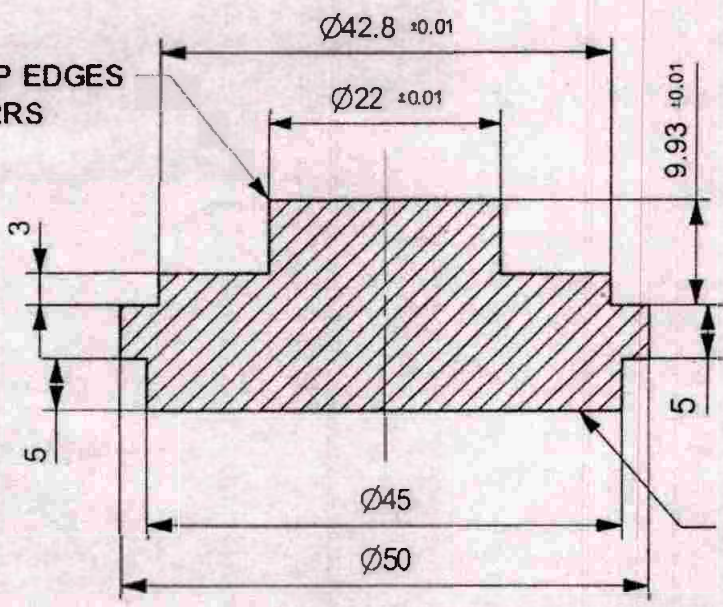
1	2	3	4
MACHINING FINISH MICRONS	$\nabla \nabla \nabla < 0.075$	$\nabla \nabla 0.075 - 1.6$	$\nabla 1.6 - 8$
			$\nabla 8 - 25$
			$\nabla > 25$

Do not scale the drawing, Ask if in doubt, All dimensions are in mm, Remove sharp edges & burrs, Chamfer 1x45°

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RETAIN SHARP EDGES WITHOUT BURRS



SECTION A-A

MARK ID. NO. SSO2/FIXT-G-03

REVISIONS

01				
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH
MATERIAL	TITLE		QTY.	WT.
AA2024	GLUING FIXTURE FOR LENS-3 TYPE S7 (G)		01	X
DGN	R.R.M	GOVERNMENT OF INDIA		
DRN CHD	R.R.M	INDIAN SPACE RESEARCH ORGANISATION		
DGN CHD	RC	LABORATORY FOR ELECTRO OPTICS SYSTEMS		
QA CHD	SN-2	PEFNYA, BANGALORE		
APPD	PS	PROJECT	DRG.No.	REV.No.
		GEN	A4-000-04-1-57/FIXT-G-03	R0
SCALE	SIGN.	DATE	SHEET 1 OF 1	
4			DRAWING STANDARD: ISO-GPS	

FILE NAME:

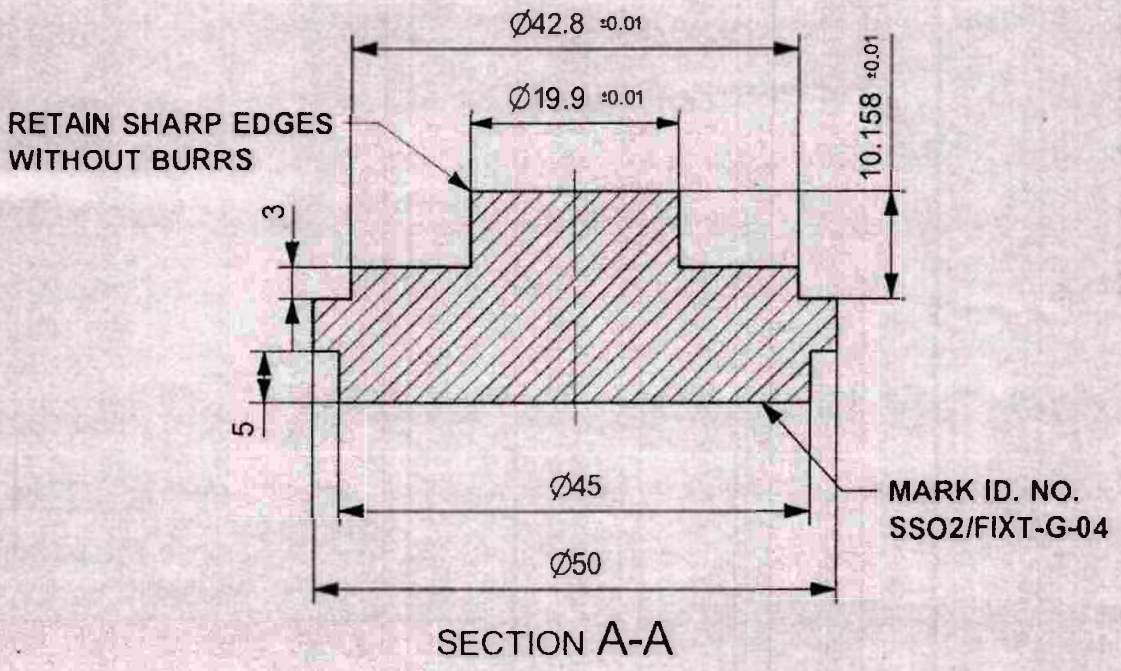
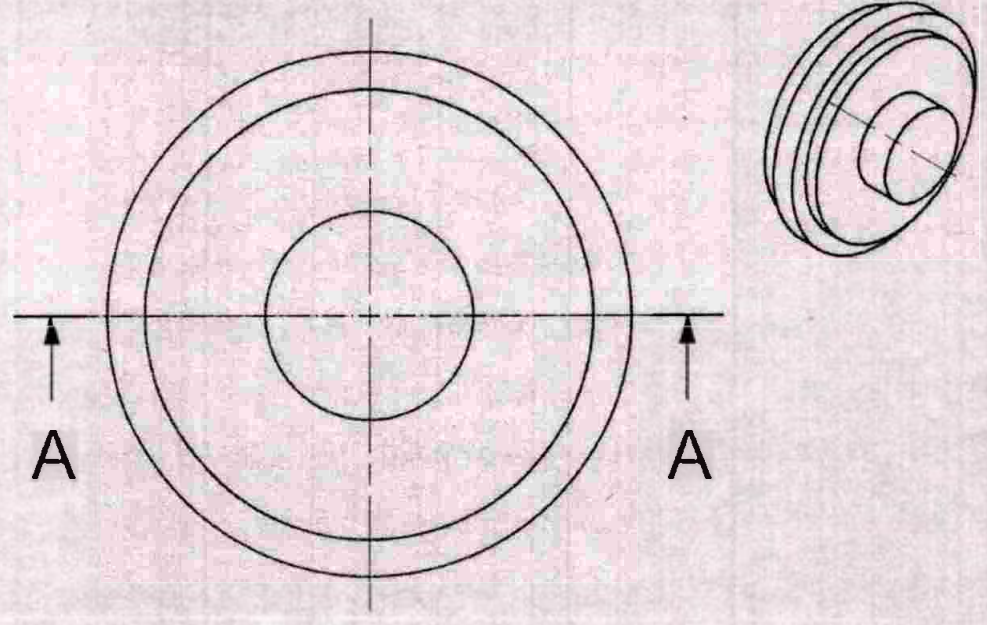
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MACHINING DEVIATION (IS:2102 IF (M.C. GRADE) UNLESS SPECIFIED OTHERWISE)	UP TO 6	±0.1	30	±0.15	30	±0.2	30	±0.3	30	±0.5	1000	±1.0	2000	±1.5	4000	±2.0	4000	±3.0
	>6	±0.1	30	±0.15	30	±0.2	30	±0.3	30	±0.5	1000	±1.0	2000	±1.5	4000	±2.0	4000	±3.0
LENGTH OR DIA	UP TO >6	±1"	30-120	±30"	6-30	±20"	30-120	±20"	120-400	±30"	ANGLE	120-400	±10"					

1	2	3	4
MACHINING FINISH MICRONS	▽▽▽ <0.025	▽▽ 0.025-1.6	▽ 1.6-8
			▽ 8-25
			∩ >25

Do not scale the drawing. Ask if in doubt. All dimensions are in mm, Remove sharp edges & burrs, Chamfer 1x45°

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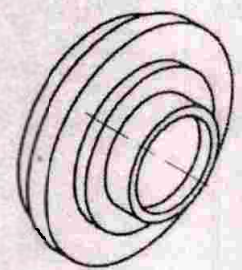
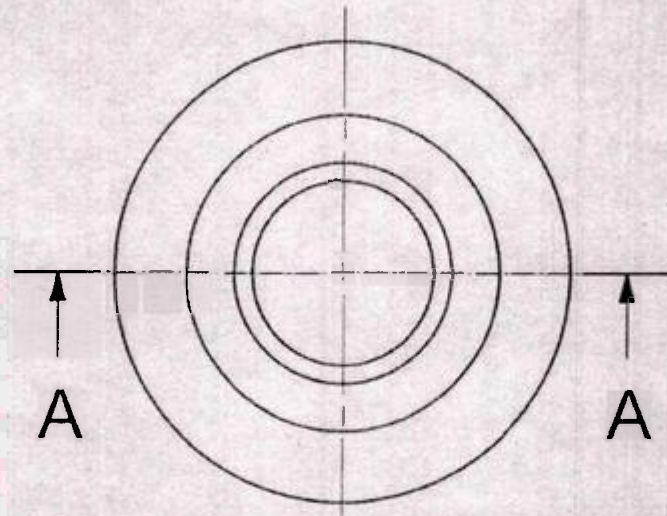
01				
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH
MATERIAL.	TITLE		QTY.	WT.
AA2024	GLUING FIXTURE FOR LENS-4 - TYPE S7 (G)		01	X
DGN	R.R.M	GOVERNMENT OF INDIA		
DRN CHD	R.R.M	INDIAN SPACE RESEARCH ORGANISATION		
DGNCHD	R.S	LABORATORY FOR ELECTRO OPTICS SYSTEMS PEENYA, BANGALORE		
QA CHD	S.N/2	PROJECT	DRG.No.	REV.No.
APPD	R.S	GEN	A4-000-04-1-57/FIXT-G-04	R0
REVN NO	1	SIGN.	SCALE 1:5	SHEET 1 OF 1
DATE				DRAWING STANDARD: ISO-GPS

FILE NAME:

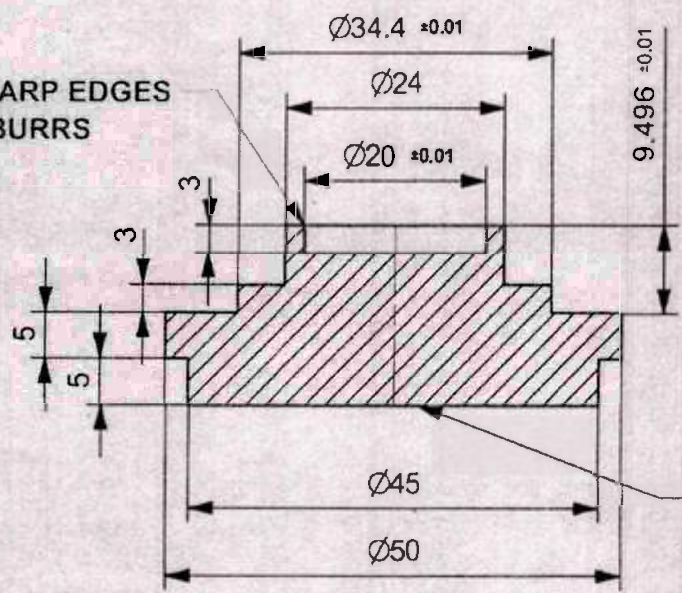
1	2	3	4
MACHINING FINISH MICRONS	$\nabla < 0.025$	$\nabla 0.025 - 1.6$	$\nabla 1.6 - 8$
			$\nabla 8 - 25$
			$\nabla > 25$

Do not scale the drawing, Ask if in doubt, All dimensions are in mm, Remove sharp edges & burrs, Chamfer 1x45°

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RETAIN SHARP EDGES WITHOUT BURRS



MARK ID. NO. SSO2/FIXT-G-05

SECTION A-A

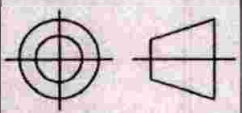
REVISIONS

01				
QTY.	NEXT ASSEMBLY	SURFACE TREATMENT	HEAT TREATMENT	SURFACE FINISH

MATERIAL	TITLE	QTY.	WT.
AA2024	GLUING FIXTURE FOR LENS-5 TYPE S7 (G)	01	X

DGN	R.R.M	
DRN CHD	R.R.M	8/3/17
DGN CHD	P.S	23/17
QA CHD	SN2	8/17/17
APPD	P.S	23/17
REVN NO		
4	SIGN.	DATE

GOVERNMENT OF INDIA
INDIAN SPACE RESEARCH ORGANISATION
LABORATORY FOR ELECTRO OPTICS SYSTEMS
PLNLYA, BANGALORE



PROJECT	DRG.No.	REV.No.
GEN	A4-000-04-1-S7/FIXT-G-05	R0
SCALE 1:1	SHEET 1 OF 1	

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