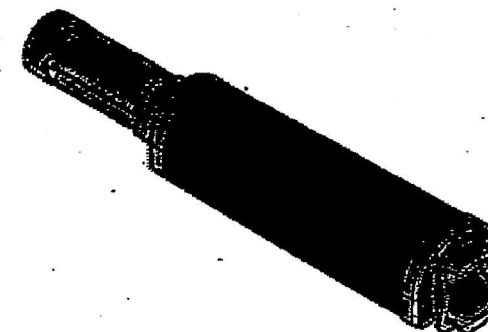
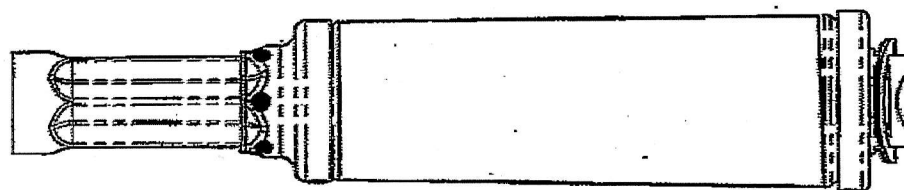
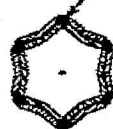
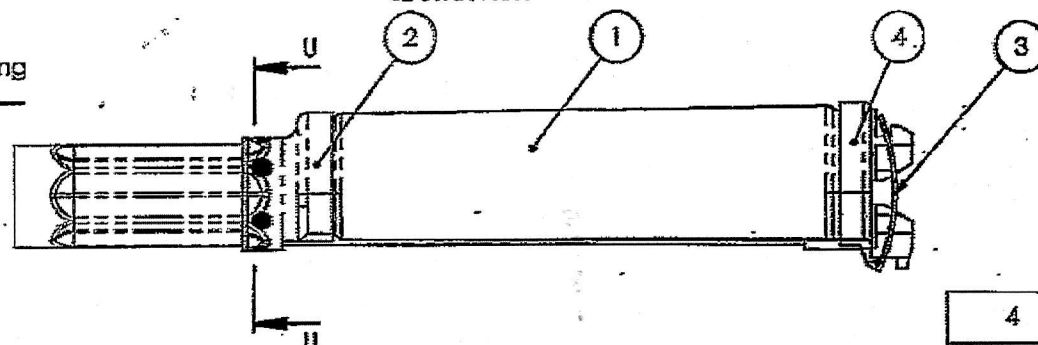


SECTION X-X

Spot / TIG Welding
6 Places



SECTION U-U



ON CONTROLLED COPY

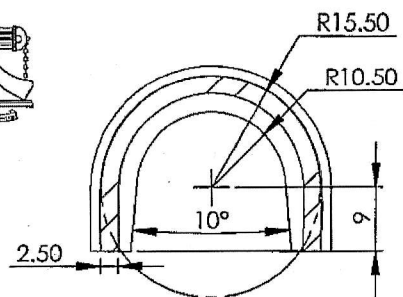
CERTIFIED CORRECT COPY
OF APPROVED DRAWINGS
AT THIS DATE... 04-11-19

Design & Drawing Office
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Tiruchirappalli-620018

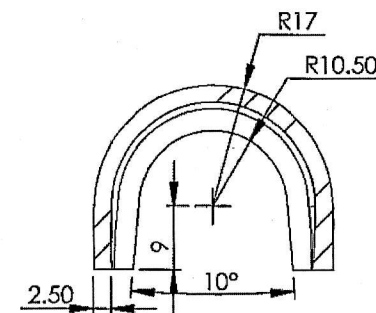
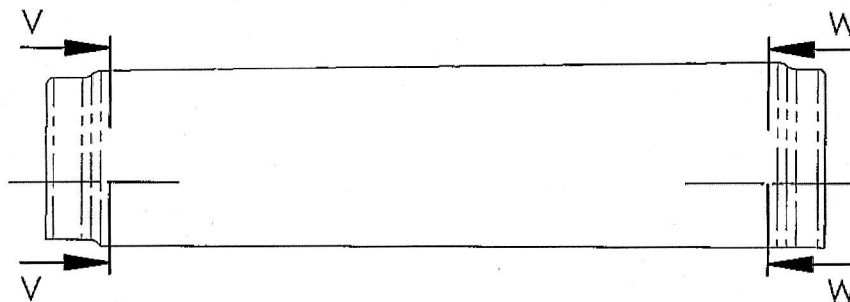
4	K-2056-ALT ³ Gas Tube Assy ✓	1
3	K-2055 Leaf Spring Cylinder ✓	1
2	K-2054 Front Cup ✓	1
1	K-2052 Upper Hand Guard ✓	1
ITEM NO.	PART NUMBER	QTY.

- Upper Hand Guard Assy (Except Plastic Part)
IS TO BE PAINTED WITH BLACK PTFE (MATT.FINISH)
(Sample to be approved before bulk supply)
Note:- 1. Paint should withstand temp of 300 - 350°C
2. Paint should not peel off and have scratch resistance

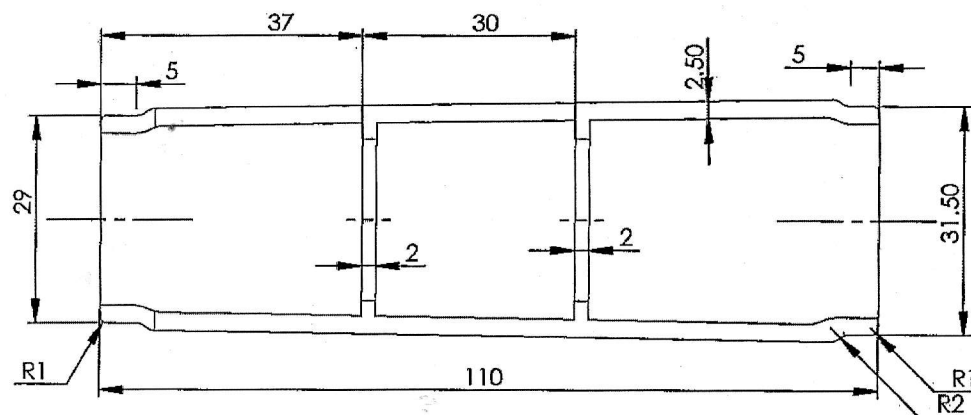
DA NO 27/19 30.07.19	S.K.	SIGNATURE & DATE	SUB: Upper Hand Guard Assy	SCALE NTS
		TRACED	FOR: General Assy	QPG 1
		DRAWN	OF: TRICHY ASSAULT RIFLE	Weight(g)
		CHECKED	DES. REF. NO. K-2050	
DA NO 17/19 14.6.19	S.K.	OFFICER/PRODM	DRG. No. 1 TAR-K-2050-ALT ²	SHEETS: 1
AMENDMENTS	SHE. & DATE	DN OFFICER/DAEO	ORDNANCE FACTORY TIRUCHIRAPPALLI-16.	SHEET No. 1
		APPROVED ON 20.05.19		



SECTION V-V



SECTION W-W



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OF APPROVED DRAWINGS
AT THIS DATE 04-11-19

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Tiruchirappalli-605006

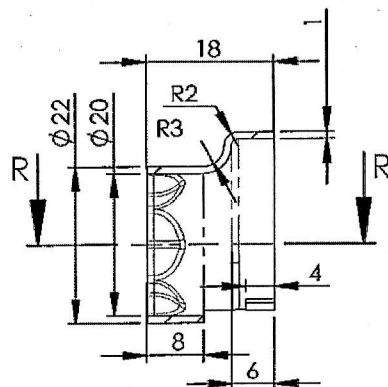
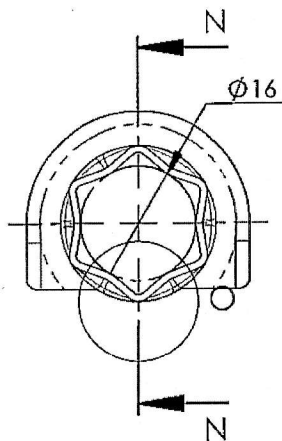
UN CONTROLLED COPY

Material:
Glass Fibre Reinforced Polyamide
Nylon-6 (or) 66
Melting Point Not less than 200 Deg.C

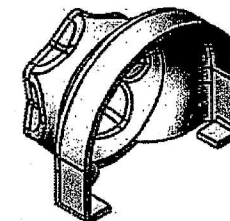
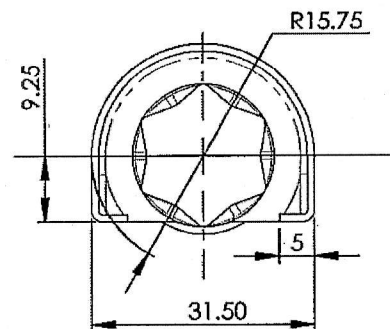
Finish:
Black Matt Finish

Untolerated Dimens. as per IS:2102 (MED)

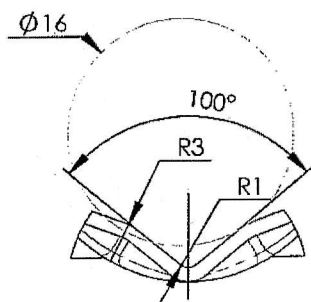
			SIGNATURE & DATE.	SUB: Upper Hand Guard FOR: Upper Hand Guard Assy OF: TRICHY ASSAULT RIFLE DES. REF. NO. K-2052 DRG. No.: TAR-K-2052 ORDNANCE FACTORY TIRUCHIRAPPALLI-16.	SCALE NTS
		TRACED			QPG 1
		DRAWN			Weight (g)
		CHECKED			
		OIC/D&DO	<i>P. Taylor</i>		
OFFICER/ PRODN.					
DIV. OFFICER/ D&DO	<i>De K</i>				
AMENDMENTS	SIG. & DATE	APPROVED ON. 10/08/2018			SHEETS: 1 SHEET No.: 1



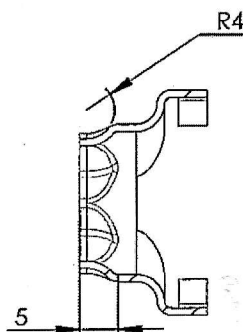
SECTION N-N



ON CONTROLLED COPY



DETAIL O



SECTION R-R

Material : Steel Sheet 1.0 mm

BS:1449 Pt.1 1983 Gr. CS40 Sec-4
(or) BS:1449 Pt.1 1983 Gr. CS50 Sec-4
(or) BS:1449 Pt.1 1983 Gr. CS60 Sec-4
(or) BS:1449 Pt.1 1983 Gr. CS70 Sec-4
(or) BS:1449 Pt.1 1983 Gr. CS80 Sec-4

Hardened and Tempered to : 290-350 HV

Protective Finish :

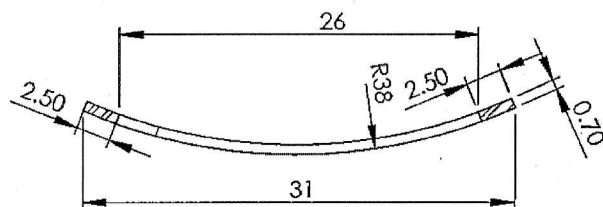
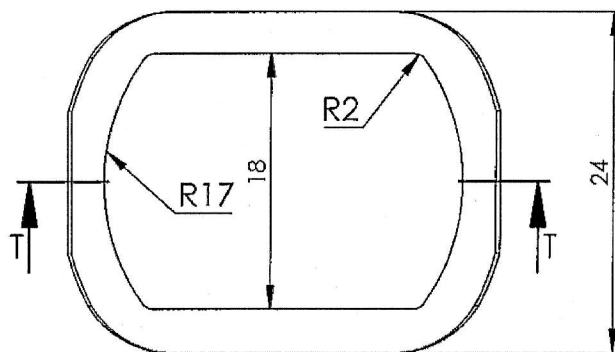
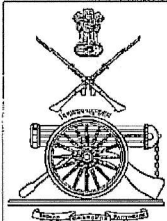
Accelerated Phosphating to Specn.
0465-01-1994 Class II Oil Finish

Blunt Sharp Edges to 0.4 R

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AT THIS DATE 04-11-19

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Ordnance Factory
Tiruchirappalli

			SIGNATURE & DATE.	SUB: Front Cup	SCALE NTS	
		TRACED				FOR: Upper Hand Guard Assy OF: TRICHY ASSAULT RIFLE
		DRAWN				
		CHECKED				
		OIC/D&DO	<i>P. T. J.</i>			
OFFICER/ PRODN.		DES. REF. NO. K-2054				
		DIV. OFFICER/ D&DO	<i>S. K.</i>	DRG. No.: TAR-K-2054	Weight (g)	
AMENDMENTS	SIG. & DATE	APPROVED ON. 10/08/2018.		ORDNANCE FACTORY TIRUCHIRAPPALLI-16.	SHEETS: 1	
					SHEET No.: 1	



SECTION T-T

CERTIFIED CORRECT COPY
OF APPROVED DRAWINGS
AT THIS DATE...24-11-17

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Ordnance Factory,
Tiruchirappalli-620016

ON CONTROLLED COPY

Material : Steel Sheet 0.7mm

BS:970 Pt.1 1983 Sec.3 Gr.070 A78
Alt. Matl.

BS:970 Pt.1 1983 Sec.3 Gr.070 A72
EN42(or) EN42J

Hardened and Tempered to : 475-550 HV

Protective Finish :
Accelerated Phosphating to Specn.
0465-01-1994 Class II Oil Finish

Blunt Sharp Edges to 0.4 R



SIGNATURE &
DATE.

TRACED

DRAWN

CHECKED

OIC/D&DO

OFFICER/
PRODN.

DIV.OFFICER/
D&DO

AMENDMENTS

SIG.
& DATE

APPROVED ON. 17/09/2018

SUB: **Leaf Spring Cylinder**

FOR: Lower Hand Guard Assy

OF: TRICHY ASSAULT RIFLE

DES.REF.NO. K-2055

DRG.
No.: K-2055

FT ORDNANCE FACTORY
TIRUCHIRAPPALLI-16.

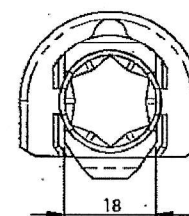
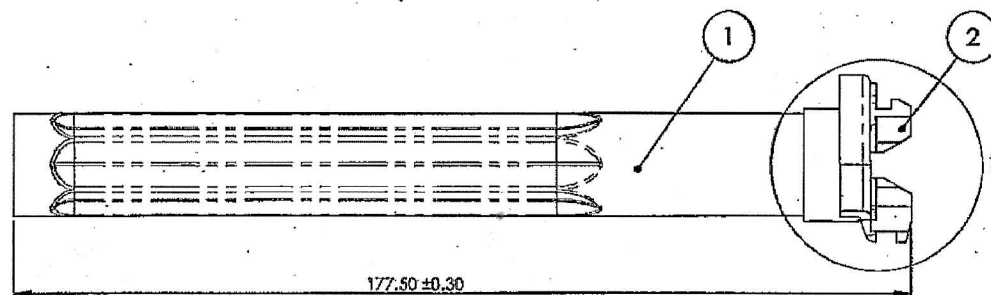
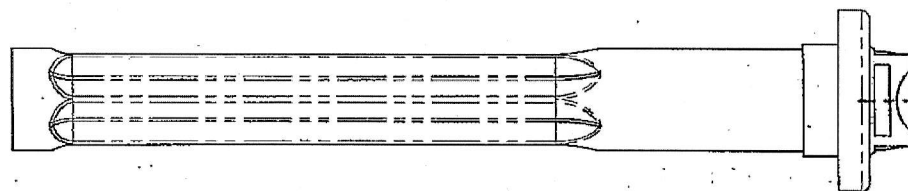
SCALE
NTS

QPG
1

Weight (g)

SHEETS: 1

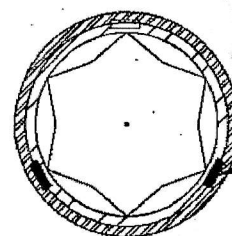
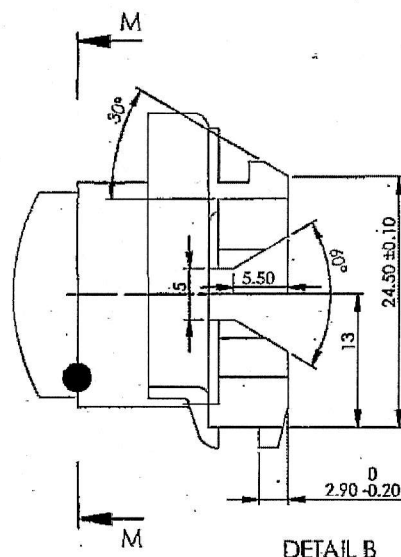
SHEET No.: 1



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OF APPROVED DRAWINGS
AT THIS DATE... 04-11-19

Design & Drawing Office
Ordnance Factory,
Tiruchirappalli-620016



Tig Welding
at 2 Places

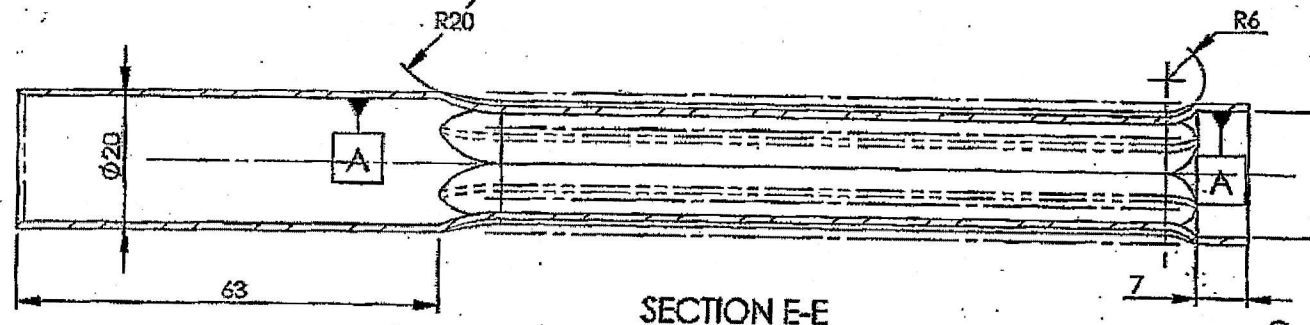
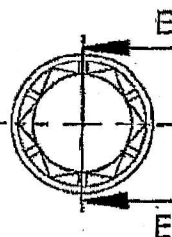
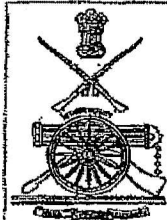
SECTION M-M

DETAIL B

- Gas Tube Assy is to be painted with Black PTFE (MATT Finish)
(Sample to be approved before bulk supply)
Note:- 1. Paint should withstand temp of 300 - 350°C
2. Paint should not peel off and have scratch resistance

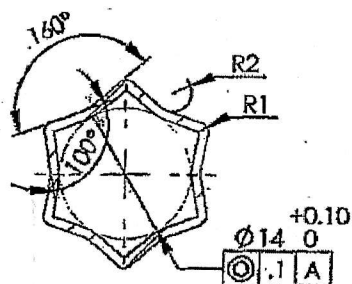
2	K-2053 Rear Cup	1
1	K-2051 ALT*3 GAS CYLINDER	1
ITEM NO.	PART NUMBER	QTY.
SUB: Gas Tube Assy		SCALE NTS
FOR: Upper Hand Guard Assy		QPG 1
OF: TRICHY ASSAULT RIFLE		Weight(g)
DES.REF.NO. K-2050		
DRG. No.: TAR-K-2056-ALT*3		
ORDNANCE FACTORY, TIRUCHIRAPPALLI-16.		SHEETS: 1 SHEET No.: 1

DA.NO.27/19	30.07.19	SIGNATURE & DATE
DA.NO.17/19	14.6.19	TRACED
DA.NO.15/19	20.5.19	DRAWN
DA.NO.6	20.5.19	CHECKED
AMENDMENTS	SIG. & DATE	OFFICER/PRODN
		DIV.OFFICER/D&DO
		APPROVED ON:27/08/2018

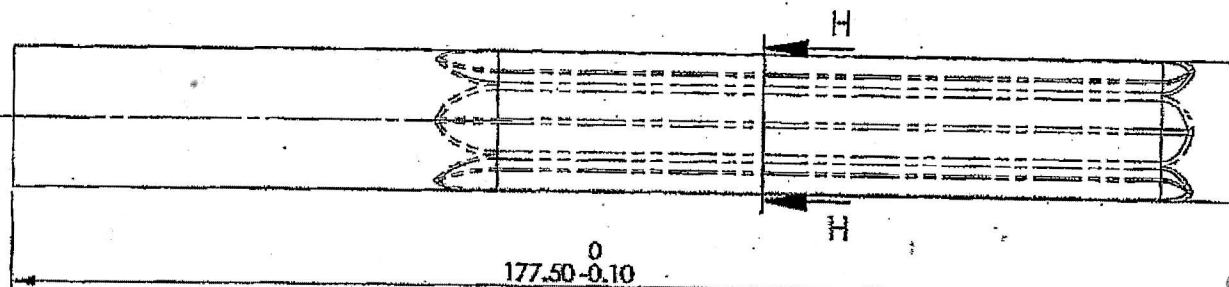


SECTION E-E

+0.10
0
Ø18



SECTION H-H
Enlarged



177.50-0.10
0

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AT THIS DATE 04-11-19

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Tiruchirappalli

c Material : Seamless Steel Tube , IS: 3074- 2005, Sec-2, CDS.1 (OR) CDS.2

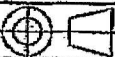
BS:6323 Pt.4-1982 Des CF-ST BK
(or)
BS:6323 Pt.4-1982 Des CF-S2 BK

Hardened and Tempered to : 300-400 HV

Note: Hardness to be maintained by proper
surface treatment method

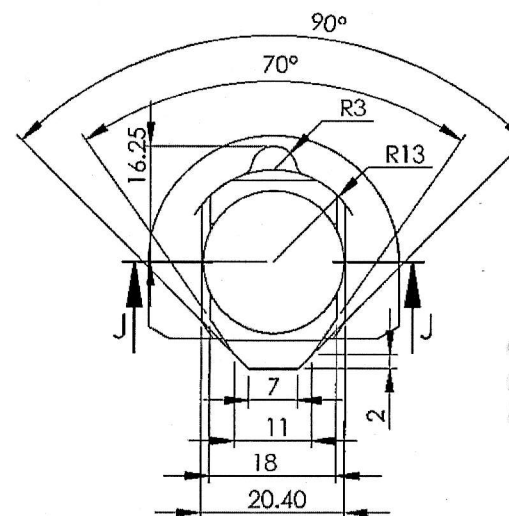
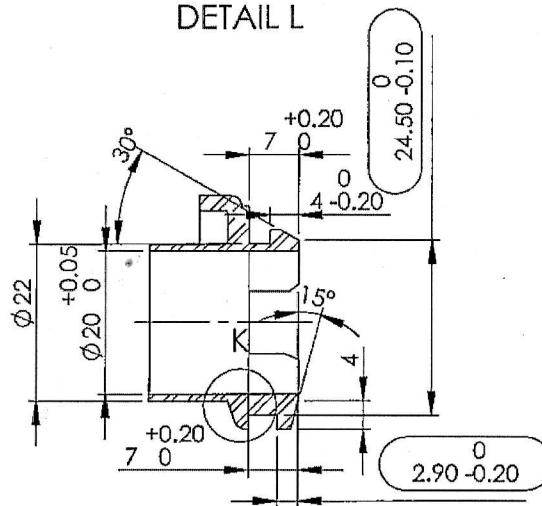
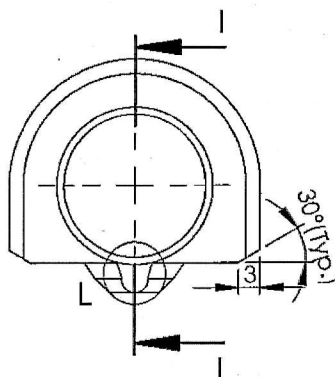
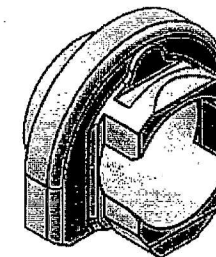
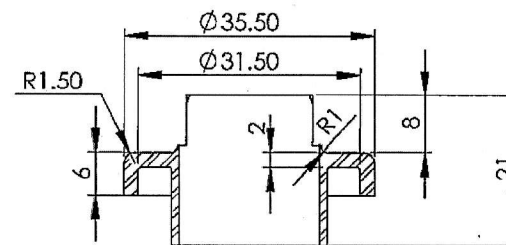
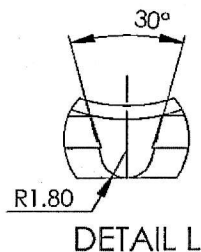
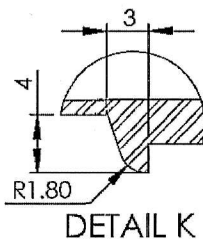
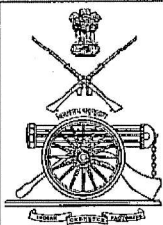
Protective Finish :
Phosphating to Specn.
0465-01-1994 Class II Oil Finish

Blunt Sharp Edges to 0.4 R
Untolerated Dimensions as per IS:2102 MED

per (C) DA NO: 27/19 (b) DA NO: 17/19 DA NO: 15/19 (a) note added AMENDMENTS	20-05-2019 20-05-2019 20-05-2019 20-05-2019 20-05-2019	SIG. & DATE	APPROVED ON. 10/08/2018		SIGNATURE & DATE.
				TRACED	
				DRAWN	
				CHECKED	
				OIC/D&DO	<i>P. T. T. T.</i>
OFFICER/ PRODN.					
				DIV. OFFICER/ D&DO	<i>S. K. K.</i>

ORDNANCE FACTORY
TIRUCHIRAPPALLI-16.

SHEETS: 1
SHEET No.: 1



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Ordnance Factory,
Tiruchirappalli-620017

Material :- Steel

BS:970 pt.1 1983 Gr.070 M55 (En-9)
BS:970 pt.1 1983 Gr.080 M40 (En-8)

Hardened & Tempered to : 290-350HV

for Casting

BS:3146 PART-1, 1974 Class:5 , Grade:A
Non Stressed Component

Radiographic Test as per ASTM-E-192

Acceptance Standard:-

Gas hole & Foreign Material: Level-3
Shrinkage (All Types) : Level 3

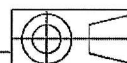
Protective Finish:

Phosphating to Specn.
0465-01-1994 Class II Oil Finish

Blunt Sharp Edges to 0.4 R
Untolerated Dimensions as per IS:2102 MED

SECTION H-H

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SIGNATURE &
DATE.

TRACED

DRAWN

CHECKED

OIC/D&DO

OFFICER/
PRODN.

DIV.OFFICER/
D&DO

APPROVED ON. 10/08/2018

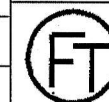
SUB: **REAR CUP**

FOR: Upper Hand Guard Assy

OF: TRICHY ASSAULT RIFLE

DES.REF.NO. K-2053

DRG.
No.: **TAR-K-2053**



ORDNANCE FACTORY
TIRUCHIRAPPALLI-16.

SCALE
NTS

QPG
1

Weight (g)

SHEETS: 1

SHEET No.: 1

AMENDMENTS

SIG.
& DATE