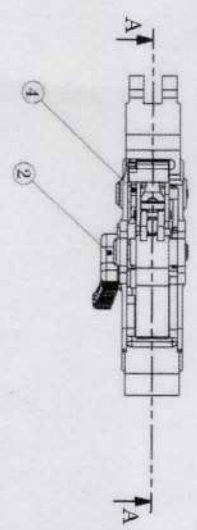
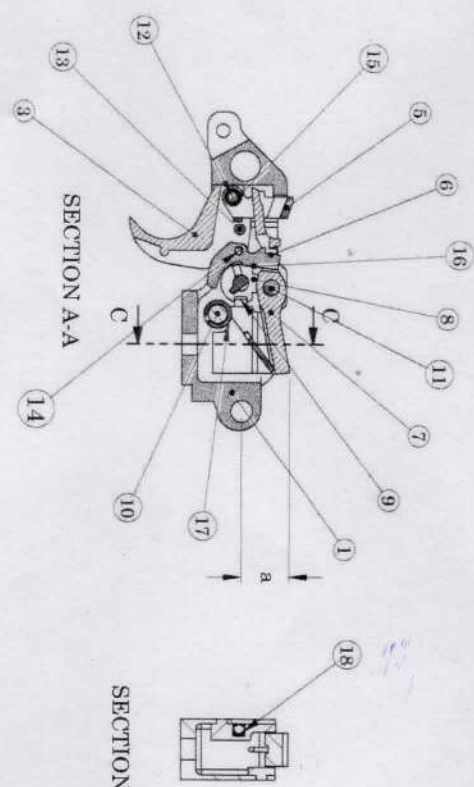


ISS C V VV S SS CI
 A 0 0 0 0 0 2 0 1 0 1 0 4 0 8 1

GENERAL TOL : FINE / MEDIUM / COARSE DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS CI ASS TO IS: 2102 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.



Sr. No.	Condition	Value of 'a'
1	WHEN TRIGGER IS AT REST	20.7 ± 0.1
2	WHEN TRIGGER IS FULLY PRESSED IN 'AUTO' MODE	10.0 ± 0.1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	BODY HOUSING/ TRIGGER MECHANISM WELDING ASSEMBLY	1804 01 01 02 01 000 00DA	1
2	STUD CHANGE LEVER WELDING ASSEMBLY	1804 01 01 02 02 000 00DA	1
3	TRIGGER	1804 01 01 02 00 001 00DA	1
4	LEVER TRIPPER	1804 01 01 02 00 002 00DA	1
5	SEAR TRIPPER	1804 01 01 02 00 003 00DA	1
6	LINK SEAR	1804 01 01 02 00 004 00DA	1
7	SEAR	1804 01 01 02 00 005 00DA	1
8	WHEEL LOCK	1804 01 01 02 00 006 00DA	1
9	PLUNGER WHEEL LOCK	1804 01 01 02 00 007 00DA	1
10	PIN SPRING SEAR	1804 01 01 02 00 008 00DA	1
11	PIN SEAR	1804 01 01 02 00 009 00DA	1
12	PIN SEAR TRIPPER	1804 01 01 02 00 010 00DA	1
13	PIN TRIGGER	1804 01 01 02 00 011 00DA	1
14	PIN DISCONNECTOR	1804 01 01 02 00 012 00DA	1
15	SPRING SEAR TRIPPER	1804 01 01 02 00 014 00DA	1
16	SPRING LINK SEAR	1804 01 01 02 00 015 00DA	1
17	SPRING SEAR	1804 01 01 02 00 016 00DA	1
18	SPRING PLUNGER WHEEL LOCK	1804 01 01 02 00 016 00DA	1

Handwritten: 14/05/22
 Certified as correct
 of drg. no. 14/05/22
 Sr. Works Manager

Sr. No.	DATE	AUTHORITY	BRIEF RECORD	ZONE	CD SIGN
DRN: HARSH	DATE: 06/09/2022	<i>Harsh</i>			
SIGN:	CHECKED				
APPD.	DATE: 06/09/2022	FOR DIRECTOR	PROTECTIVE FINISH:		
SEALED	DATE:	EST. MASS	TITLE:		
SHEET SIZE: A3	SCALE: 1:1		TRIGGER MECHANISM ASSEMBLY		
DESIGN AUTHORITY	ADD: PUNE-411021				
DRG No. 1804	IC 01	SS 01	S 02	AA 00	A 00
LMG	PART No.	DS CAT No.	AHSP		

1 2 3 4 5 6 7 8

1	2	3	4	5	6	7	8																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">LSS</td> <td style="text-align: center;">V</td> <td style="text-align: center;">VV</td> <td style="text-align: center;">S</td> <td style="text-align: center;">SS</td> <td style="text-align: center;">IC</td> </tr> <tr> <td style="text-align: center;">V</td> <td style="text-align: center;">D</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td colspan="6" style="text-align: center;">DRG No. 1 1 0 8 1</td> </tr> </table>				LSS	V	VV	S	SS	IC	V	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	DRG No. 1 1 0 8 1						<p>DRG. CONVENTIONS CONFORM TO INDIAN STANDARDS DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.</p>							
LSS	V	VV	S	SS	IC																																				
V	D	0	0	0	0																																				
0	0	0	0	0	0																																				
0	0	0	0	0	0																																				
DRG No. 1 1 0 8 1																																									
<p>GENERAL TOL : FINE / MEDIUM / COARSE CLASS TO IS: 2102</p>																																									
<p>TO BE TIG / LASER WELDED AND FILE FLUSHED AS SHOWN.</p>																																									
<p>SECTION A-A</p>																																									
<p>TO BE TIG/LASER WELDED AND FILE FLUSHED AS SHOWN.</p>																																									
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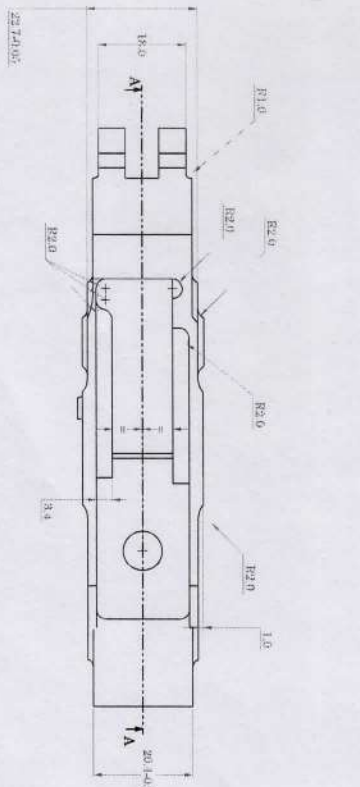
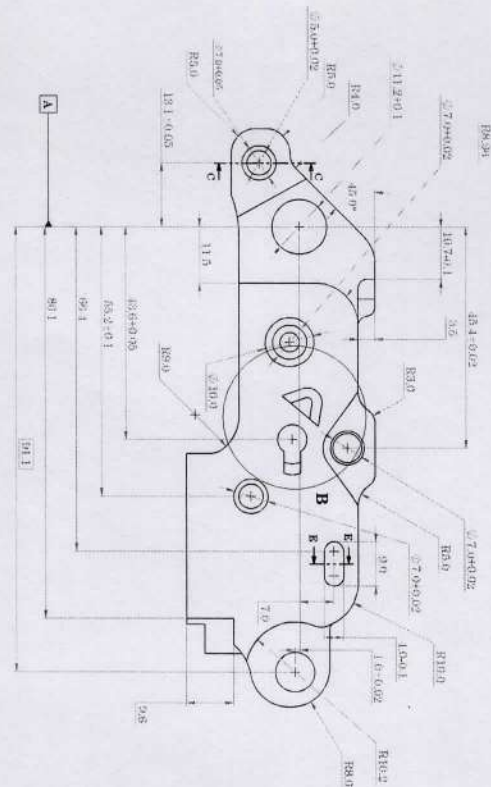
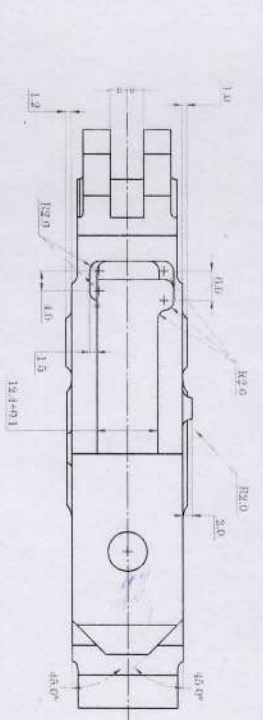
18/05/2022

प्रमाणित की गई प्रतिफल
 प्रमाणित की गई प्रतिफल
 Certified as correct copy
 of drg. on.....
 18/05/2022
 क. अशोक शर्मा
 Jr. Works Manager
 श्रीवास्तव

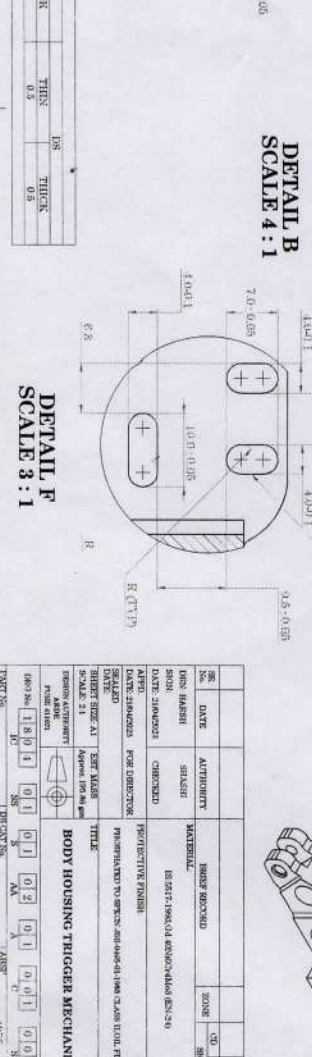
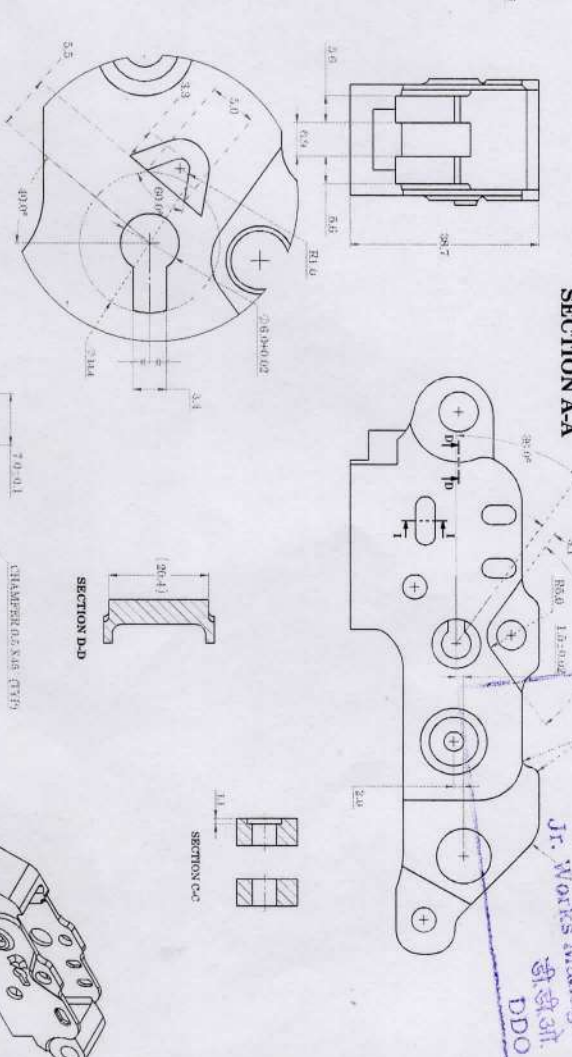
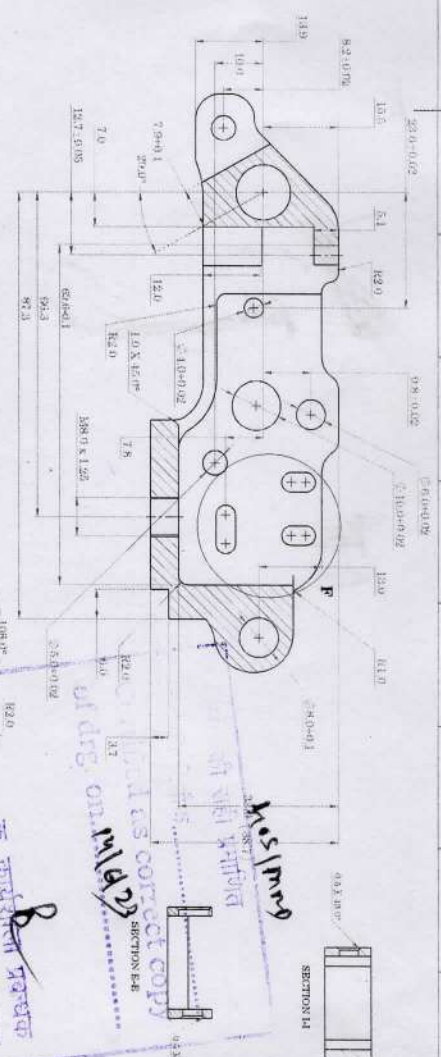
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	1804 01 01 02 01 001 00DA	BODY HOUSING TRIGGER MECHANISM	1
2	1804 01 01 02 01 002 00DA	HOUSING PLUNGER	1
3	1804 01 01 02 01 003 00DA	SPACER SEAR	1

Sr. No.	DATE	AUTHORITY	BRIEF RECORD	ZONE	CD	GO	SIGN
DRN: HARSH	DATE: 06/09/2022	CHECKED	MATERIAL:				
SIGN:	DATE: 06/09/2022	FOR DIRECTOR	PROTECTIVE FINISH:				
SEALING							
SHEET SIZE: A3	EST. MASS	TITLE:					
SCALE: 1:1	Approx. 217.0 gm						
DESIGN AUTHORITY	ARDE	BODY HOUSING TRIGGER MECHANISM WELDING ASSEMBLY					
PUNE 411021							
DRG No. 1 8 0 4	IC	0 1	0 2	0 1	0 0	0 0	0 0
	SS	S	AA	A	C	D	A
LMG	PART No.	DS CAT No.		AHSP		SST	

1. HARDNESS: 400 TO 450 HV
 2. REMOVE ALL SHARP CORNERS



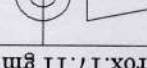
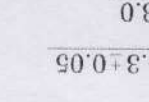
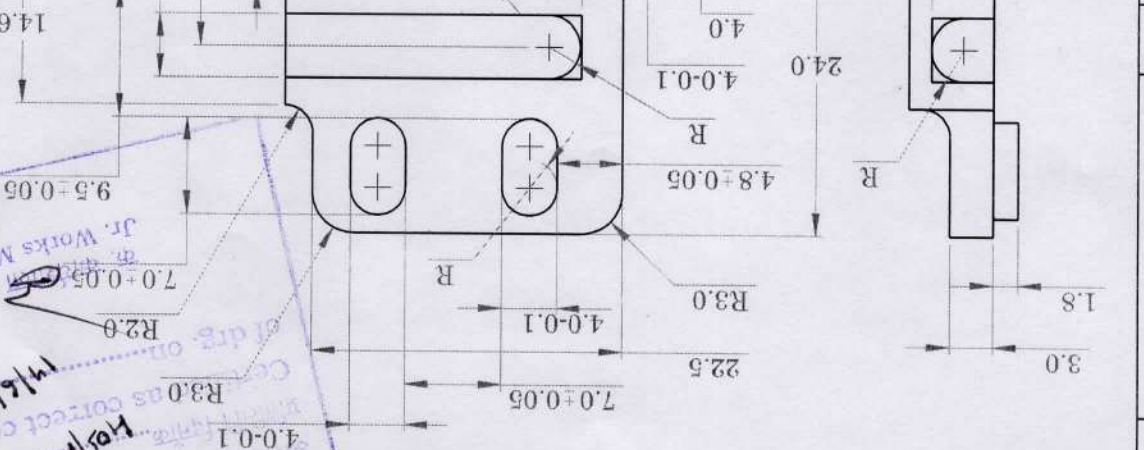
1. SURFACE FINISH AS PER IS 1461-21											
THIN	A	THICK	B	THIN	C	THICK	D	THIN	E	THICK	F
0.5		0.5		0.5		0.5		0.5		0.5	
6. ULTRASONIC TEST AS PER IS 5700 AND IS 5701											



Mr. J. V. Manjappa
 Sr. Works Manager
 DDO

NO.	DATE	AUTHORITY	MATERIAL	WORKS ORDER NO.	SCALE	DR.	CHK.
1	18/01/11	SAHAI	SS 304	18/01/11	1:1		
2	18/01/11	SAHAI	SS 304	18/01/11	1:1		
3	18/01/11	SAHAI	SS 304	18/01/11	1:1		
4	18/01/11	SAHAI	SS 304	18/01/11	1:1		
5	18/01/11	SAHAI	SS 304	18/01/11	1:1		
6	18/01/11	SAHAI	SS 304	18/01/11	1:1		
7	18/01/11	SAHAI	SS 304	18/01/11	1:1		
8	18/01/11	SAHAI	SS 304	18/01/11	1:1		
9	18/01/11	SAHAI	SS 304	18/01/11	1:1		
10	18/01/11	SAHAI	SS 304	18/01/11	1:1		
11	18/01/11	SAHAI	SS 304	18/01/11	1:1		
12	18/01/11	SAHAI	SS 304	18/01/11	1:1		
13	18/01/11	SAHAI	SS 304	18/01/11	1:1		
14	18/01/11	SAHAI	SS 304	18/01/11	1:1		
15	18/01/11	SAHAI	SS 304	18/01/11	1:1		
16	18/01/11	SAHAI	SS 304	18/01/11	1:1		

PROTECTIVE FINISH
 PRESERVATION BY SPCC-2 (EN 12463) 2008
TITLE
 BODY HOUSING TRIGGER MECHANISM

4	3	2	1
AHSP		DS CAT No.	PART No.
F	C	A	IC
0 0 D A	0 0 2	0 1	1 8 0 4
HOUSING PLUNGER			DRG No. 1 8 0 4 LMG PART No.
TITLE:		SCALE: 2:1 Approx. 17.11 gm	DESIGN AUTHORITY ARDE PUNE 411021
PHOSPHATED TO SPECN.JSS-0465-01-1988 CLASS II OIL FINISH		EST. MASS	SHEET SIZE: A4
PROTECTIVE FINISH:		DATE: 21/04/2023	FOR DIRECTOR
MATERIAL: IS:5517-1993, Gd.40Ni6CrMo3 (EN24)		DATE: 21/04/2023	CHECKED
BRIEF RECORD		AUTHORITY	DRN: HARSH
SIGN	ZONE		SHASHI
CD			DATE
GO			No.
D		D	
		NOTE: 1) HARDNESS: 400 TO 450 HV 2) REMOVE ALL SHARP CORNERS	
C		C	
			
A		A	
GENERAL TOL: FINE / MEDIUM / COARSE DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.		CLASS TO IS: 2102	
TSS	C	A	A
A D 0 0	2 0 0	1 0	1 0
CI	SS	C	AA
4 0 8 1	1 0	1 0	2 0
4	3	2	1

1	2	3	4																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">LMG</td> <td style="width:15%;">PART No.</td> <td style="width:15%;">DS CAT No.</td> <td style="width:15%;">AHSP</td> <td style="width:15%;">ARDE</td> </tr> </table>		LMG	PART No.	DS CAT No.	AHSP	ARDE													
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DRG No.	IC	SS	S	AA	A	C	SST												
1804	01	01	01	02	01	003	00DA												
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ARDE PUNE 411021	Approx. 3.74 gm	SPACER SEAR																	
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">APPD.</td> <td style="width:15%;">PROTECTIVE FINISH:</td> </tr> <tr> <td></td> <td>PHOSPHATED TO SPECN.JSS-0465-01-1988 CLASS II OIL FINISH</td> </tr> </table>		APPD.	PROTECTIVE FINISH:		PHOSPHATED TO SPECN.JSS-0465-01-1988 CLASS II OIL FINISH														
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	PHOSPHATED TO SPECN.JSS-0465-01-1988 CLASS II OIL FINISH																		
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				GO															
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">TSS</td> <td style="width:15%;">C</td> <td style="width:15%;">A</td> <td style="width:15%;">AA</td> <td style="width:15%;">C</td> <td style="width:15%;">SS</td> <td style="width:15%;">IC</td> </tr> <tr> <td>00</td> <td>00</td> <td>01</td> <td>02</td> <td>01</td> <td>01</td> <td>04</td> </tr> </table>		TSS	C	A	AA	C	SS	IC	00	00	01	02	01	01	04				
TSS	C	A	AA	C	SS	IC													
00	00	01	02	01	01	04													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">DRG No.</td> <td style="width:15%;">IC</td> <td style="width:15%;">SS</td> <td style="width:15%;">C</td> <td style="width:15%;">AA</td> <td style="width:15%;">A</td> <td style="width:15%;">C</td> <td style="width:15%;">SST</td> </tr> <tr> <td>1804</td> <td>01</td> <td>01</td> <td>02</td> <td>01</td> <td>01</td> <td>00</td> <td>00DA</td> </tr> </table>		DRG No.	IC	SS	C	AA	A	C	SST	1804	01	01	02	01	01	00	00DA		
DRG No.	IC	SS	C	AA	A	C	SST												
1804	01	01	02	01	01	00	00DA												
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">II. ULTRASONIC TEST AS PER SPEC. ASTM A 578 LEVEL B.</td> <td style="width:15%;">A</td> <td style="width:15%;">B</td> <td style="width:15%;">C</td> <td style="width:15%;">D</td> <td style="width:15%;">DS</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>		II. ULTRASONIC TEST AS PER SPEC. ASTM A 578 LEVEL B.	A	B	C	D	DS												
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1804	01	01	02	01	01	00	00DA												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:15%;">DRG No.</td> <td style="width:15%;">IC</td> <td style="width:15%;">SS</td> <td style="width:15%;">C</td> <td style="width:15%;">AA</td> <td style="width:15%;">A</td> <td style="width:15%;">C</td> <td style="width:15%;">SST</td> </tr> <tr> <td>1804</td> <td>01</td> <td>01</td> <td>02</td> <td>01</td> <td>01</td> <td>00</td> <td>00DA</td> </tr> </table>		DRG No.	IC	SS	C	AA	A	C	SST	1804	01	01	02	01	01	00	00DA		
DRG No.	IC	SS	C	AA	A	C	SST												
1804	01	01	02	01	01	00	00DA												

Mr. Works Manager
 DDO
 1/1/23

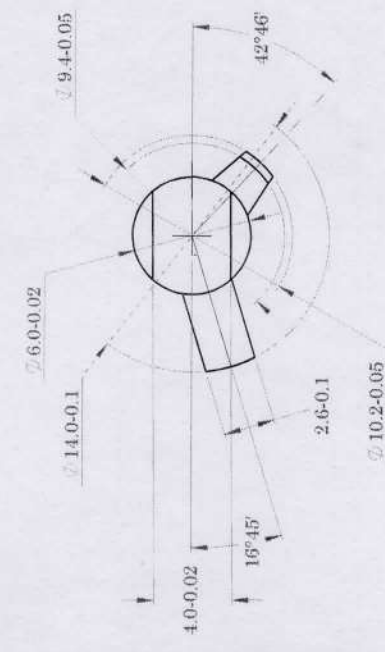
हस्त लिखित
 7
 8
 Confirmed as correct copy
 of drg. on.....
 12/6/23

NOTE:
 1)HARDNESS: 400 TO 450 HV
 2)REMOVE ALL SHARP CORNERS

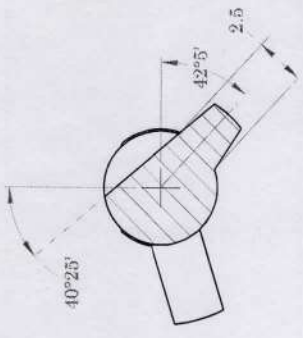
V	D	0	0	1	0	0	Z	0	VV	S	SS	DI				
1	0	0	0	1	0	0	2	0	1	0	1	4	0	8	1	ON DRD

GENERAL TOL.: FINE / MEDIUM / COARSE
 CLASS TO IS: 2102

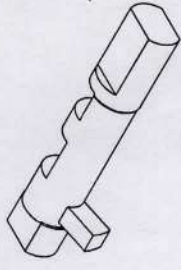
DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS
 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED



SECTION A-A
 SCALE 4:1



SECTION B-B
 SCALE 4:1



SECTION A-A
 SCALE 4:1

Sr. No.	DATE	AUTHORITY	BRIEF RECORD	CD	GO
DRN:HARSH	SHASHI	SHASHI	MATERIAL:		SIGN
SIGN:	CHECKED	CHECKED	IS:5517-1983,Gd.40Ni6Cr4Mo3 (EN-24)		
DATE: 21/04/2023			PROTECTIVE FINISH:		
APPD.	FOR DIRECTOR	FOR DIRECTOR	PHOSPHATED TO SPECN.,ISS-0465-01-1988 CLASS II,OIL FINISH		
DATE: 21/04/2023			TITLE:		
SEALED					
DATE:					
SHEET SIZE: A3	EST. MASS	Approx.6.12 gm			
SCALE:4:1					
DESIGN AUTHORITY					
ARDE					
PUNE 411021					

STUD CHANGE LEVER

DRG No.	1	8	0	4	IC	0	1	S	0	1	AA	0	2	A	0	0	1	C	0	0	1	D	A
LMG	PART No.																						
	DS CAT No.																						
	AHSP																						
	ARDE																						

5	6	7	8
---	---	---	---

GENERAL TOL. FINE / MEDIUM / COARSE DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS CLASS TO IS 2102

1 2 3 4 5 6 7 8

V 0 0 1 0 0 2 0 1 0 1 0 4 0 8 1 0 N DRG

SS C V VV S SS CI

0.5 X 45

NOTE:
 1) HARDNESS : 400 TO 450 HV
 2) REMOVE ALL SHARP CORNERS

0.5 X 45.0°

0.5 X 45.0°

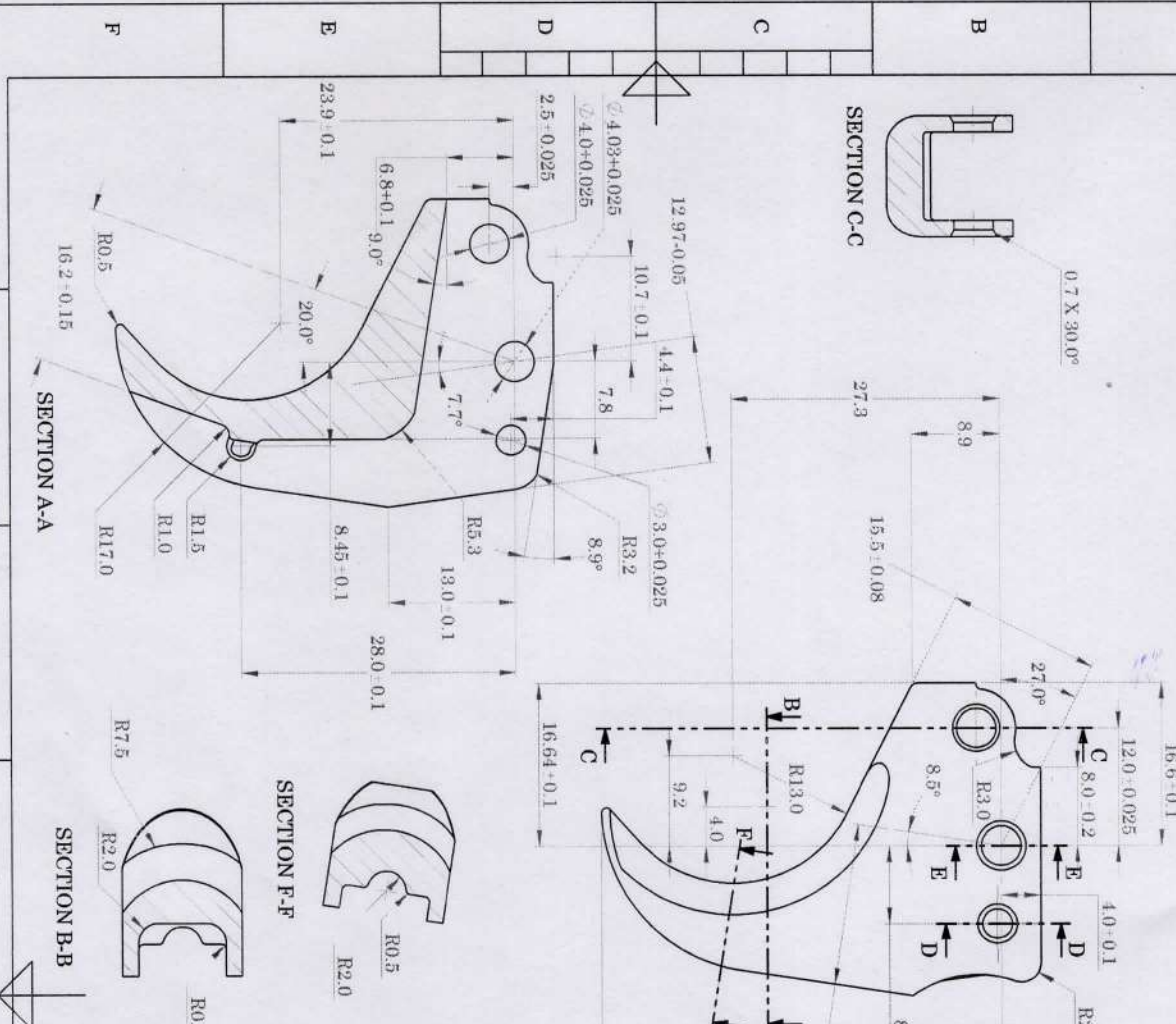
0.5 X 45.0°

0.5 X 45.0°

of drg on

1/11/23

Hashman

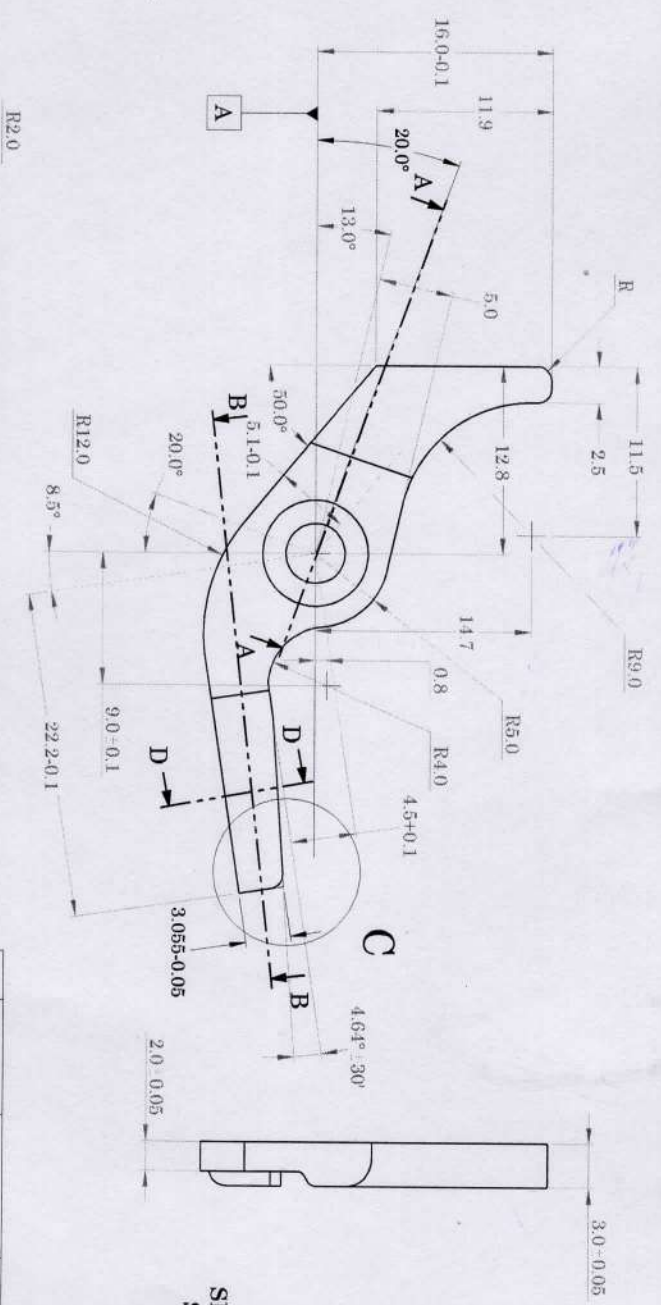


St. No.	DATE	AUTHORITY	BRIEF RECORD	ZONE	CD	GO
DRN: HARSH		SHASHI				
DATE: 21/04/2023		CHECKED	MATERIAL: ES 970 PT. 1 : 1983 Gr.060 A 62 OR 080 A62 OR 080 A67 (EN-24) T ⁿ CONDITION PROTECTIVE FINISH: PHOSPHATE TO SPECN. JSS 0465 -01-1994 CLASS II OIL FINISH			
APPD. DATE: 21/04/2023		FOR DIRECTOR	TITLE: TRIGGER			
SEALD. DATE:						
SHEET SIZE: A3	EST. MASS					
SCALE: 2:1	Approx. 32.62 gm					
DESIGN AUTHORITY ARDE PUNE 411021						
DRG No. 1 8 0 4	IC	SS	S	AA	A	0 0 1 1 0 0 D A
IMG	PART No.	DS CAT No.	AHSP	ARDE		

LSS	C	V	VV	S	SS	CI	ON GRD
V	D	0	0	0	0	1	0
0	0	0	0	0	0	0	1

GENERAL TOL : FINE / MEDIUM / COARSE
 CLASS TO IS: 2102
 DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS
 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.

NOTE:
 1) HARDNESS: 400 TO 450 HV
 2) REMOVE ALL SHARP CORNERS



SECTION A-A
 SCALE 3 : 1

SECTION B-B
 SCALE 3 : 1

SECTION D-D
 SCALE 3 : 1

DETAIL C D-D
 SCALE 6 : 1

hoss/mr-0
 Certified as correct
 of drg. on 14/11/23
 14.10

Dr. Work Manager
 Dr. Work Manager
 Design Manager
 DDO

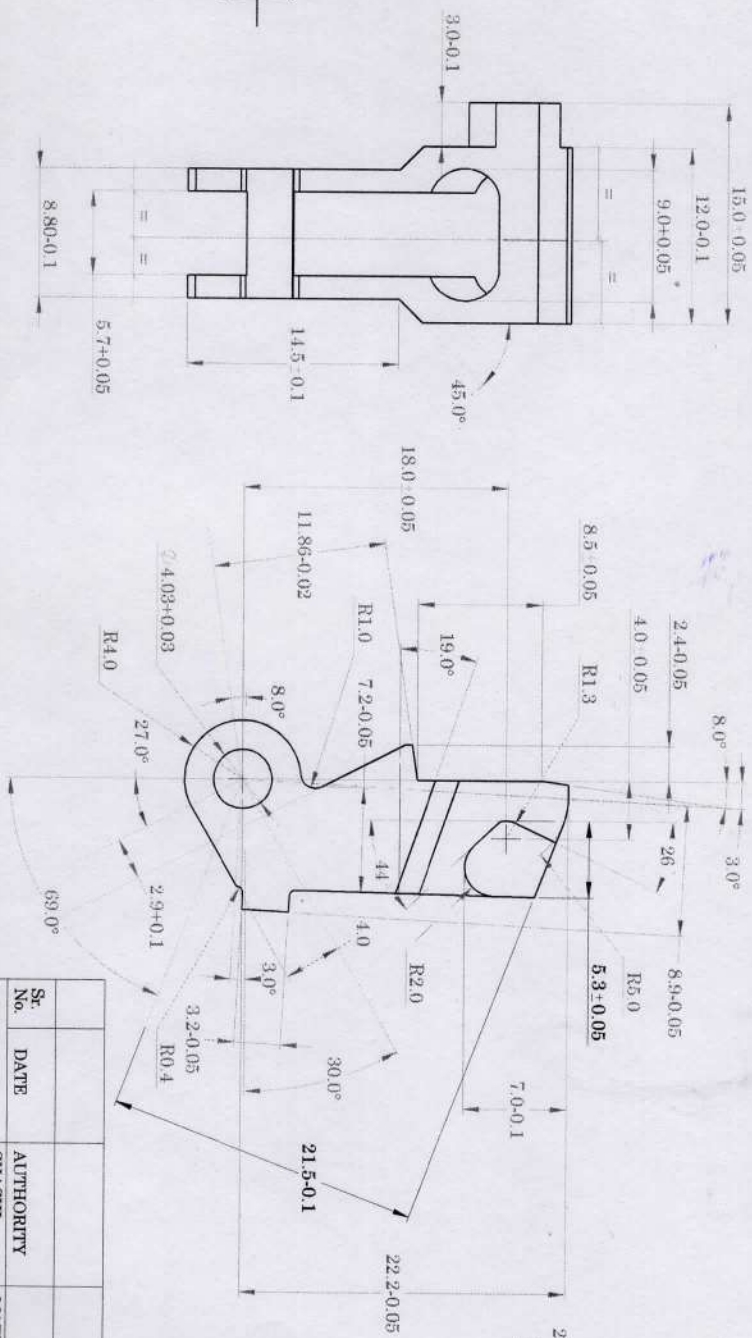


Sp. No.	DATE	AUTHORITY	MATERIAL:	ZONE	CD	GO
DNR: HARSH			IS:5517-1993, Gd.40N16C-4M63 (EN-24)			
SIGN:		CHECKED	PROTECTIVE FINISH:			
DATE:21/04/2023			PHOSPHATED TO SPECN JSS-0465-01-1998 CLASS II OIL FINISH			
APPD.	DATE:21/04/2023	FOR DIRECTOR	TITLE:			
SEALD			LEVER TRIPPER			
DATE:						
SHEET SIZE: A3	EST. MASS					
SCALE: 3:1	Approx. 4.47 gm					
DESIGN AUTHORITY						
ABDE						
PUNE:411021						
DRG No.	1	8	0	4	0	1
IC						
SS						
S						
AA						
A						
C						
SST						
DS CAT No.						
AHSP						

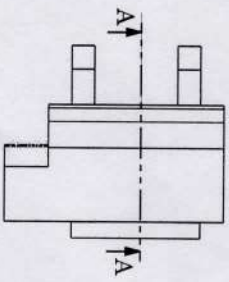
1	2	3	4	5	6	7	8
F	E	D	C	B	A		

LSS V D 0 0 C 0 0 0 V 0 0 VV 2 0 S 1 0 SS 1 0 CI 4 0 8 1 'ON DRG
 GENERAL TOL. : FINE / MEDIUM / COARSE DRG. CONVENTIONS CONFORM TO INDIAN STANDARDS
 CLASS TO IS: 2102 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED

NOTE:
 1) HARDNESS: 500 TO 550 HV.
 2) CASE DEPTH: 0.15 TO 0.2 mm.
 3) REMOVE ALL SHARP CORNERS.



SECTION A-A
 SCALE 3:1



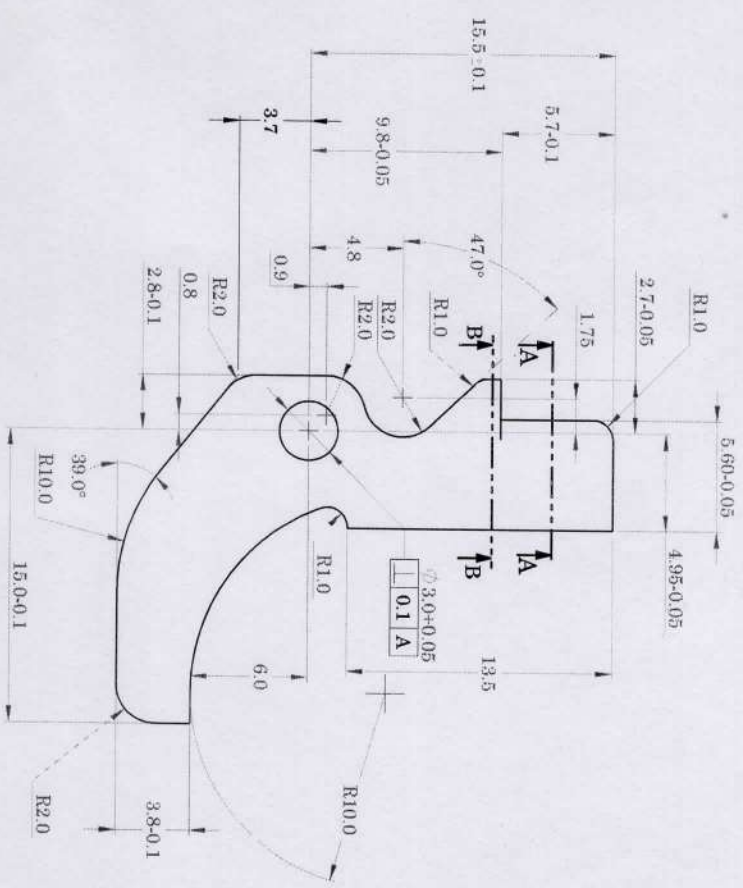
St. No.	DATE	AUTHORITY	BRIEF RECORD	ZONE	CD	GO
DRN: HARSH		SHASHI				
SIGN:		CHECKED	MATERIAL:			
DATE: 21/04/2023			BS 970: Pt.1 1991 Gr 835 M15 (EN 36 C) OR EN-39B			
APPD:			PROTECTIVE FINISH:			
DATE: 21/04/2023			PHOSPHATED TO SPECN JSS-0465-01-1998 CLASS II OIL FINISH			
SEALED			FOR DIRECTOR			
DATE:			TITLE:			
SHEET SIZE: A3			SEAR TRIPPER			
SCALE: 3:1			EST. MASS			
DESIGN AUTHORITY			Approx: 7.17 gm			
ABDE						
PUNE 411021						
DRG No. 1804	IC	SS	S	AA	A	003
LMG	PART No.	DS CAT No.	AHSP	ARDE		

Certified as correct copy of drawing
 19/6/23
 Works Manager
 19/6/23

1 2 3 4 5 6 7 8

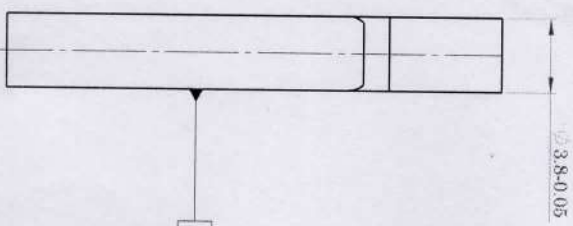
GENERAL TOL : FINE / MEDIUM / COARSE DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS CLASS TO IS: 2102 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.

NOTE:
 1) HARDNESS: 500 TO 550 HV,
 2) CASE DEPTH: 0.15 TO 0.2 mm,
 3) REMOVE ALL SHARP CORNERS.

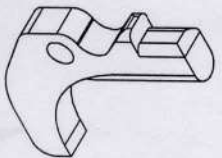


SECTION B-B
SCALE 4 : 1

SECTION A-A
SCALE 4 : 1



305/2000
 Certified as correct
 of drg. on...
 11/16/2023
 Dr. Worlks Manager
 DDO



Sr. No.	DATE	AUTHORITY	BRIEF RECORD	ZONE	CD	GO
DRN: HARSH		SHASHI				
SIGN:		CHECKED	MATERIAL:		SIGN	
DATE: 21/04/2023			BS 970: P-1 1991 G-836 M15 (EN 36 C) OR EN-39B			
APPD.			PROTECTIVE FINISH:			
DATE: 21/04/2023			PHOSPHATED TO SPECN. JSS-0465-01-1988 CLASS II OIL FINISH			
SEALED			TITLE:			
SHEET SIZE: A3						
SCALE: 4:1						
EST. MASS						
Approx. 5.37 gm						
DESIGN AUTHORITY						
ARDE						
PUNE 411021						
DRG No.	1804	01	01	02	00	0044
IC		SS	S	AA	A	00DA
LMG	PART No.		DS CAT No.		AHSP	ARDE

LINK SEAR

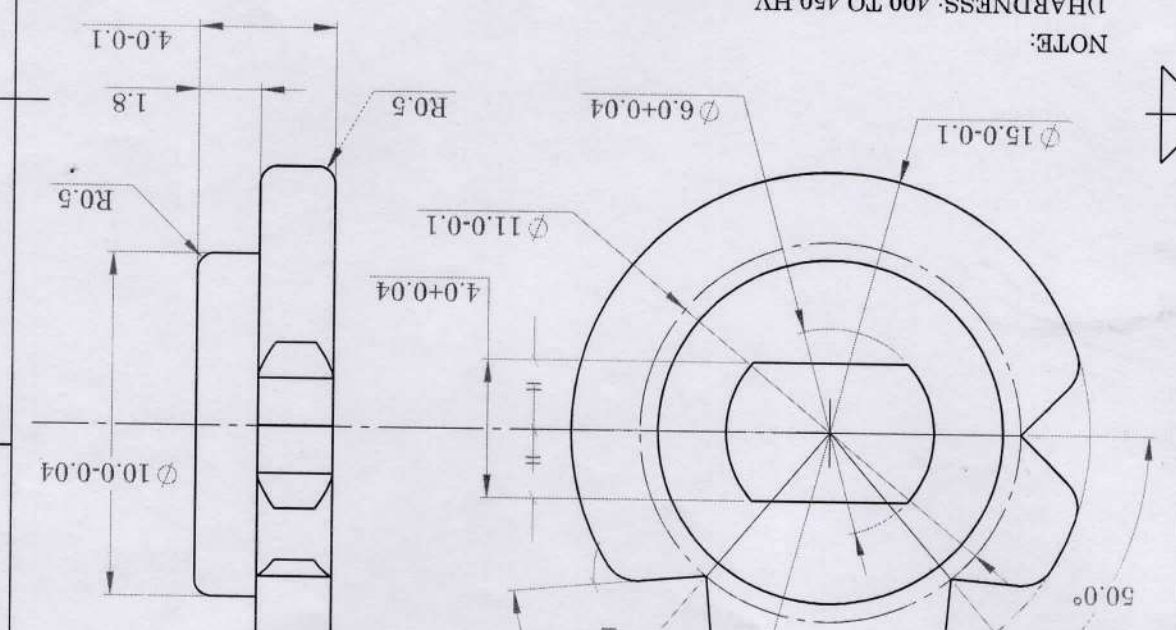
DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS
 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.

TSS	AA	C	A	AA	C	CI
900	00	00	20	10	10	4081

DRG No. 1841

GENERAL TOL. FINE / MEDIUM / COARSE
 CLASS TOL: 21B

80.0°
 90.0°(TYP)
 50.0°
 R1.0 TYP



Sr. No.	DATE	AUTHORITY	BRIEF RECORD	
			ZONE	SIGN
			CD	GO

DRN: HARSH
 SIGN: CHECKED
 DATE: 21/04/2023

APPD.
 DATE: 21/04/2023 FOR DIRECTOR

SEALD

DATE: 21/04/2023
 SHEET SIZE: A4
 EST. MASS Approx. 3.11 gm

DESIGN AUTHORITY
 ARDE
 PUNE 411021

IC 1804
 SS 01
 S 01
 AA 02
 A 00
 C 006
 SSS 00DA

PART No.
 DS CAT No.
 AHSP

LMG
 DRG No. 1804

WHEEL LOCK

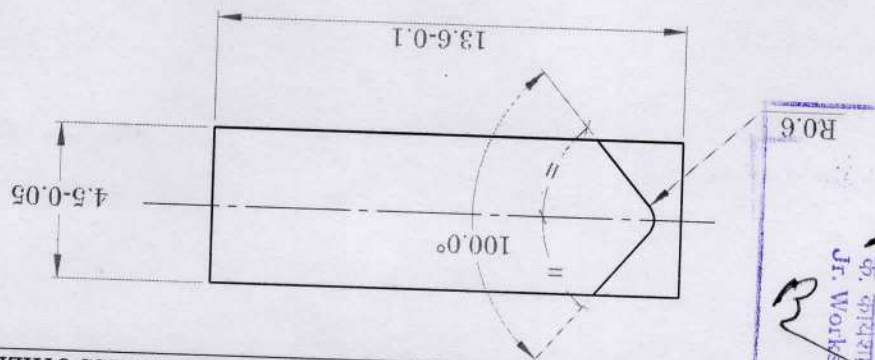
1 2 3 4

F E D C B A

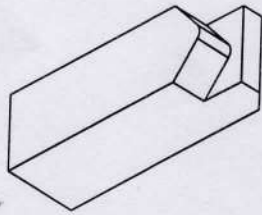
F E D C B A

GENERAL TOL : FINE / MEDIUM / COARSE
 CLASS TO IS: 2102
 DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS
 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.

TSS
 A D 0 0
 C 7 0 0
 A 0 0
 AA 2 0
 C 1 0
 SS 1 0
 IC 4 0 8 1
 DRG No.



NOTE:
 1) HARDNESS: 400 TO 450 HV.
 2) REMOVE ALL SHARP CORNERS.



Sr. No.	DATE	DRN: HARSH	SIGN: DATE: 21/04/2023 CHECKED	APPD. DATE: 21/04/2023 FOR DIRECTOR	SEALD: DATE:	SHEET SIZE: A4 EST. MASS SCALE: 5:1 Approx. 1.94 gm	DESIGN AUTHORITY ARDE PUNE 411021	BRIEF RECORD	
								ZONE	SIGN
								CD	GO

MATERIAL: IS: 5517-1993, Gd. 40Ni6CrMo3 (EN24)
 PROTECTIVE FINISH:

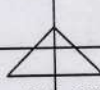
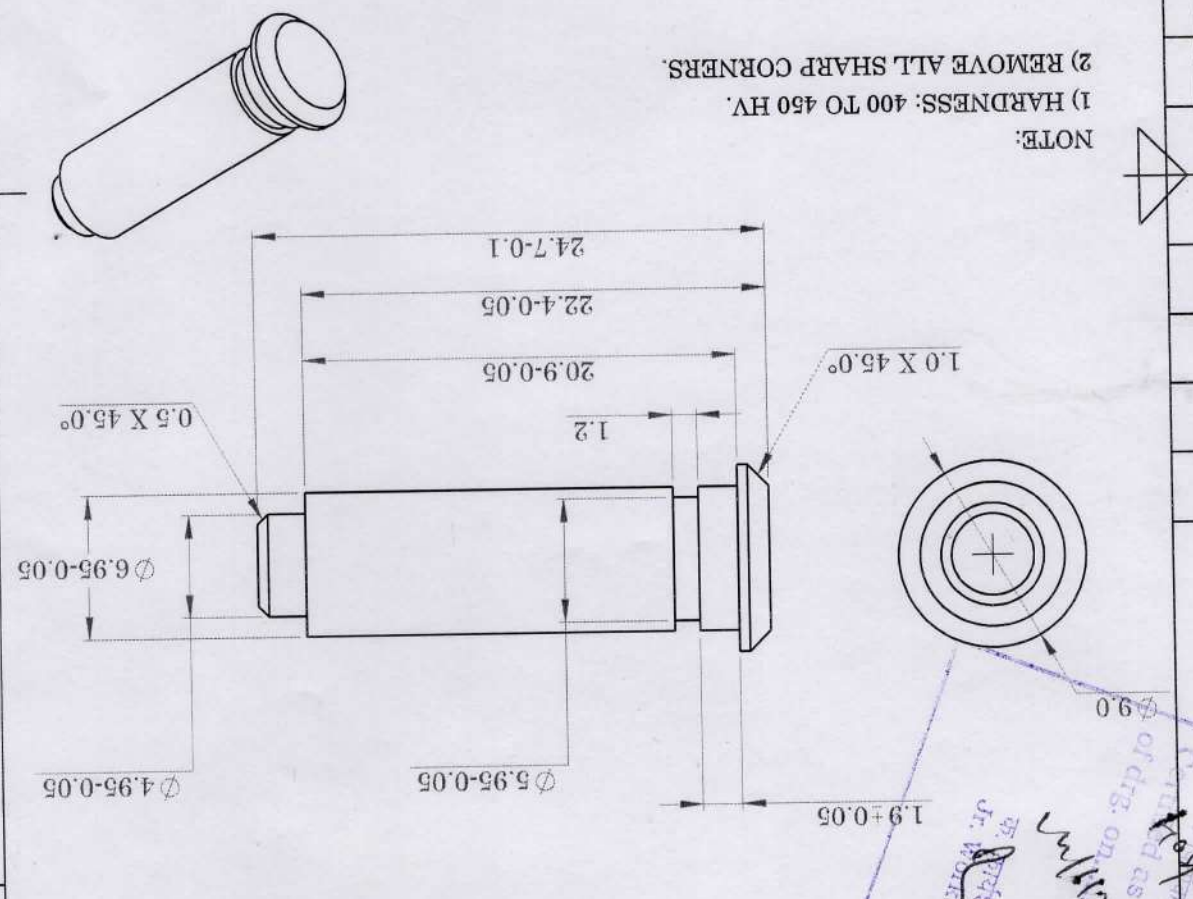
PHOSPHATED TO SPECN. JSS-0465-01-198CLASS II, OIL FINISH

DRN: HARSH
 SIGN: DATE: 21/04/2023 CHECKED
 APPD. DATE: 21/04/2023 FOR DIRECTOR
 SEALD: DATE:
 SHEET SIZE: A4
 EST. MASS
 SCALE: 5:1
 Approx. 1.94 gm
 TITLE: PLUNGER WHEEL LOCK

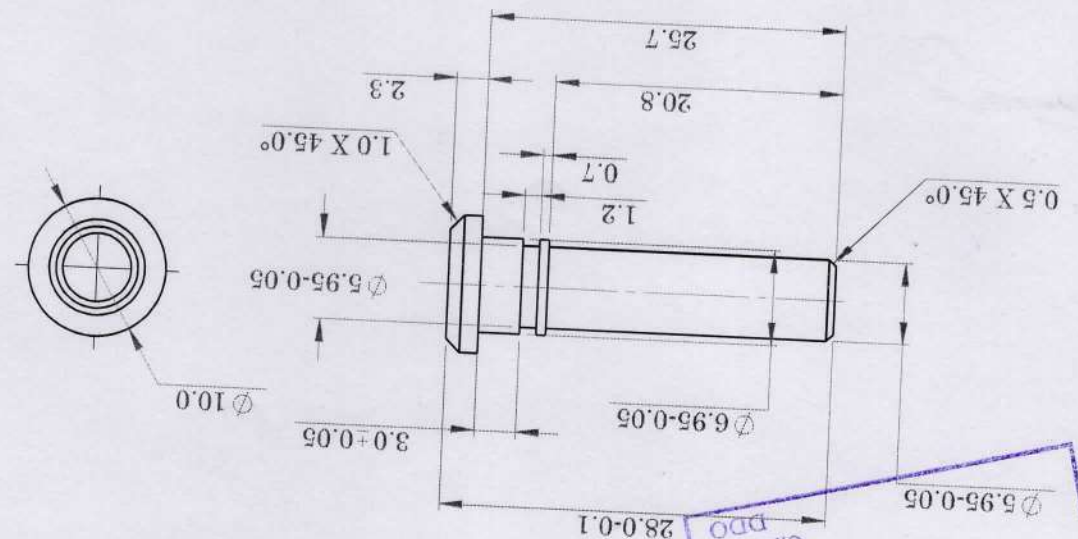
DRG No. 1 8 0 4
 IC 0 1
 SS 0 1
 S 0 1
 AA 0 2
 A 0 0
 C 0 0
 0 0 7
 0 0 D A
 SST
 AHSP
 PART No.
 DS CAT No.
 LMG

1 2 3 4

F F E E D D C C B B A A

1	2	3	4
			
LMG PART No. DRG No. 1 8 0 4 IC 0 1 SS 0 1 S 0 1 AA 0 2 A 0 0 C 0 0 8 S S T S S T A		DS CAT No. AHSP	
DESIGN AUTHORITY ARDE PUNE 411021		TITLE: PIN SPRING SEAR	
SHEET SIZE: A4 EST. MASS Approx. 6.99 gm		DATE: DATE: 21/04/2023 FOR DIRECTOR	
DRN: HARSH SIGN: DATE: 21/04/2023 CHECKED		PROTECTIVE FINISH: PHOSPHATED TO SPECN.JSS-0465-01-1988 CLASS II OIL FINISH	
APPD. DATE: 21/04/2023		MATERIAL: STEEL TO IS: 5517-1993, Gd. 55C8	
DRN: HARSH SIGN: DATE: 21/04/2023		BRIEF RECORD ZONE SIGN CD GO	
AUTHORITY		DATE	
SR. No.		DATE	
NOTE: 1) HARDNESS: 400 TO 450 HV. 2) REMOVE ALL SHARP CORNERS.			
			
GENERAL TOL. : FINE / MEDIUM / COARSE CLASS TO IS: 2102		DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.	
DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS		DRG. No. 1 8 0 4 IC 0 1 SS 0 1 C 0 1 AA 0 2 A 0 0 C 0 0 8 0 0 A D 0 0 T S S	
1	2	3	4

TSS 6000
 DRG No. 1804
 IC 4081
 SS 10
 C 10
 AA 20
 A 00
 CLASS TO IS: 2102
 GENERAL TOOL: FINE / MEDIUM / COARSE
 DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS
 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.



NOTE:
 1) HARDNESS: 400 TO 450 HV.
 2) REMOVE ALL SHARP CORNERS.

Sr. No.	DATE	DRN:HARSH	SIGN: CHECKED	DATE:21/04/2023	APPD. DATE:21/04/2023 FOR DIRECTOR	SEALD	DATE:	SHEET SIZE: A4	EST. MASS Approx. 7.09 gm	SCALE:2:1	DESIGN AUTHORITY ARDE PUNE 411021	TITLE:	
												PIN SEAR	
AUTHORITY		MATERIAL: IS:5517-1993.Gd.40N16CrMo3 (EN24)		PROTECTIVE FINISH: PHOSPHATED TO SPECN.JSS-0465-01-1988 CLASS II,OIL FINISH		BRIEF RECORD		ZONE		SIGN			
												CD	GO

DRN:HARSH
 SIGN:
 DATE:21/04/2023
 CHECKED
 APPD.
 DATE:21/04/2023 FOR DIRECTOR
 SEALD
 DATE:
 SHEET SIZE: A4
 EST. MASS
 Approx. 7.09 gm
 SCALE:2:1
 DESIGN AUTHORITY
 ARDE
 PUNE 411021

DRG No. 1804
 IC 4081
 SS 10
 S 01
 AA 02
 A 00
 C 10
 AHSF
 PART No.
 DS CAT No.
 LMG

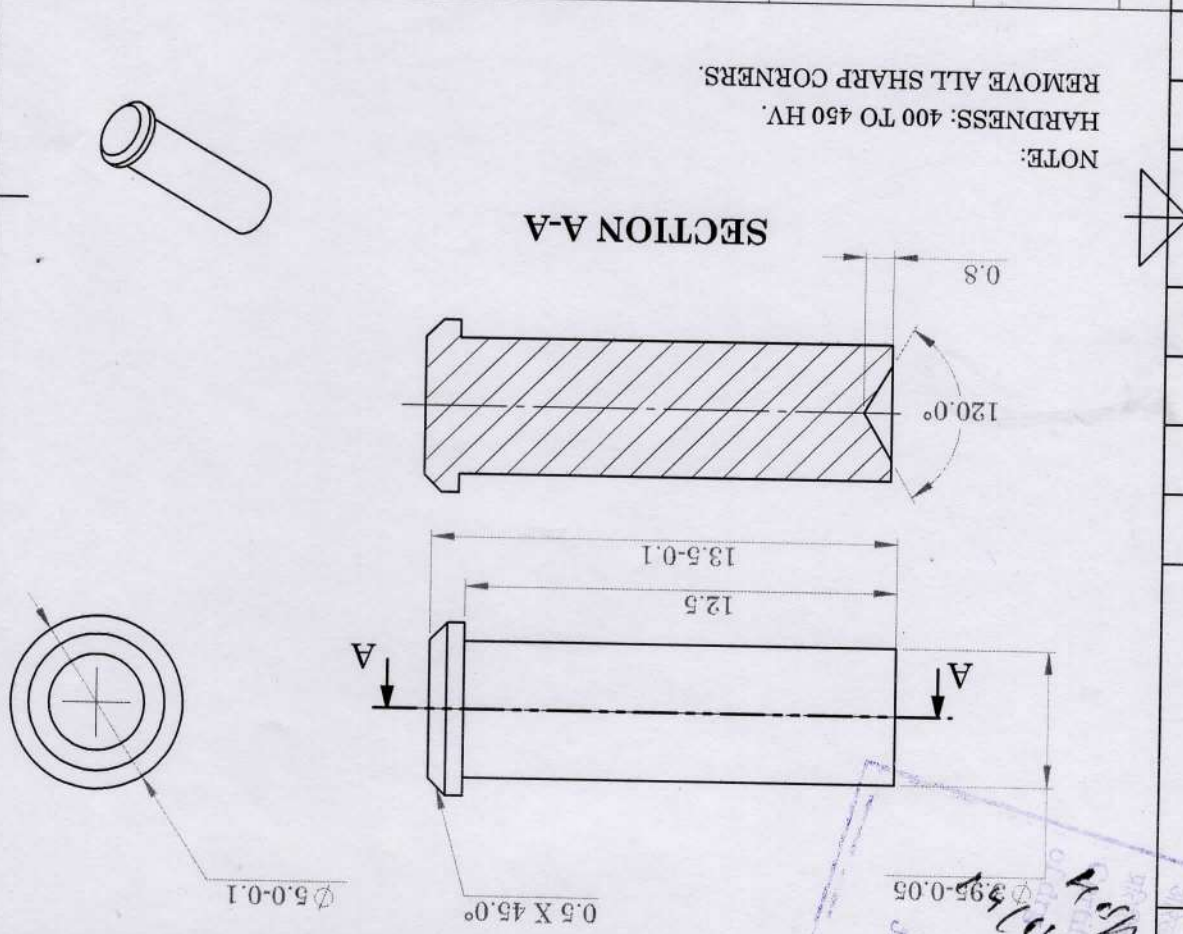
4	3	2	1
4	3	2	1

DRG No.	IC	SS	S	AA	A	C	SST
1 8 0 4	0 1	0 1	0 1	0 2	0 0	0 1 0	0 0 D A

LMG PART No. DS CAT No. AHSP

TITLE: PIN SEAR TRIPPER
 DESIGN AUTHORITY: ARDE PUNE 411021
 SCALE: 5:1
 EST. MASS Approx. 1.30 gm
 SHEET SIZE: A4
 DATE: 21/04/2023 FOR DIRECTOR
 DRN: HARSH
 SIGN: DATE: 21/04/2023
 CHECKED
 APPD.
 DATE: 21/04/2023 FOR DIRECTOR
 SEALED
 DATE:
 PHOSPHATED TO SPECN. JSS-0465-01-1988 CLASS II, OIL FINISH
 MATERIAL: IS:5517-1998, Gd. 40Ni6CrMn3 (EN24)
 PROTECTIVE FINISH:

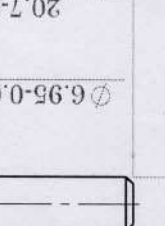
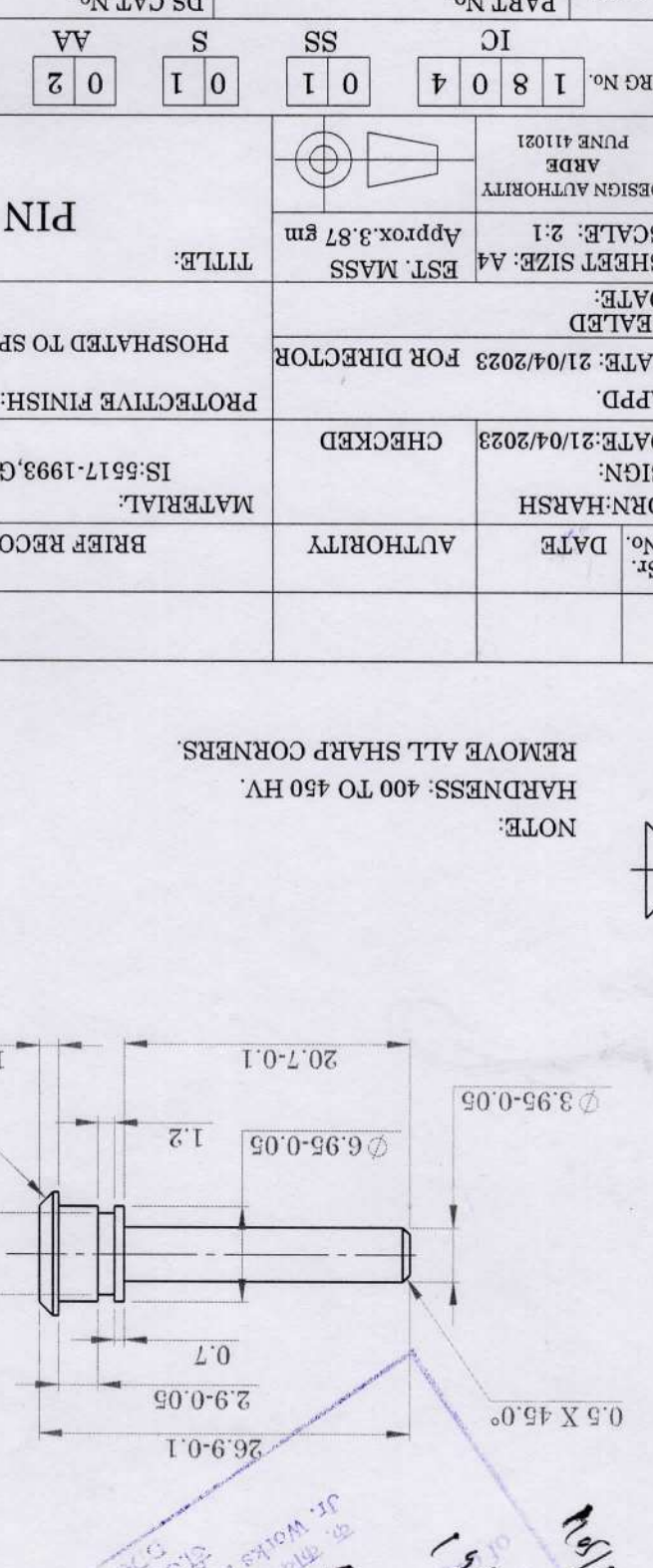
Sr. No. DATE AUTHORITY BRIEF RECORD ZONE CD SIGN GO



GENERAL TOL. FINE / MEDIUM / COARSE
 CLASS TO IS: 2102
 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.

DRG No.	IC	SS	C	AA	A	C	SST
1 8 0 4	0 1 0	0 1 0	0 1 0	0 2 0	0 0 0	0 1 0	A D A

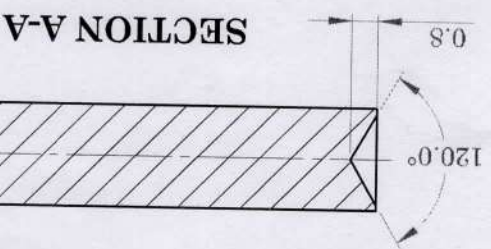
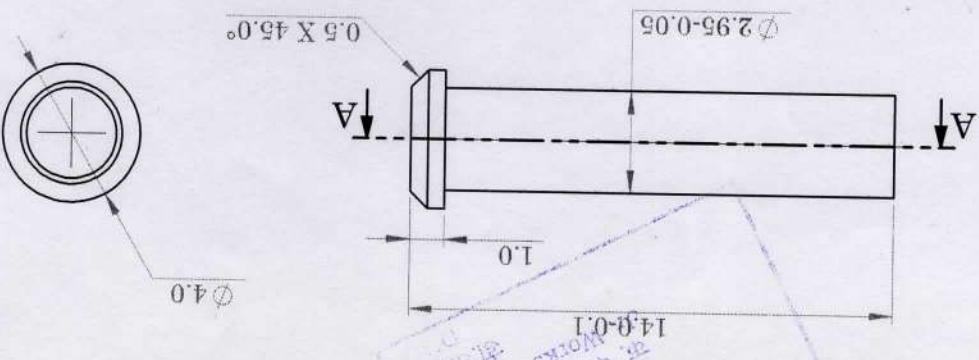
M. S. J. 10/15/23
 Sr. Engineer
 Design Authority
 ARDE PUNE 411021

1	2	3	4
LMG PART No.	DS CAT No.	AHSP	
DRG No. 1 8 0 4	SS 0 1	S 0 1	AA 0 2
IC 0 0 4	A 0 0	C 0 1 1	SST 0 0 D A
			
PIN TRIGGER			
TITLE:			
SHEET SIZE: A4 EST. MASS Approx. 3.87 gm			
SCALE: 2:1 DESIGN AUTHORITY ARDE PUNE 411021			
DATE: 21/04/2023 FOR DIRECTOR SEALED			
APPD.			
SIGN: DRN: HARSH DATE: 21/04/2023 CHECKED			
MATERIAL: IS: 5517-1993, GD 40N16CrMo3 (EN24) PROTECTIVE FINISH:			
PHOSPHATED TO SPECN.JSS-0465-01-1988 CLASS II OIL FINISH			
DATE	AUTHORITY	BRIEF RECORD	
Sr. No.	ZONE	SIGN	GO
NOTE: HARDNESS: 400 TO 450 HV. REMOVE ALL SHARP CORNERS.			
			
DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS CLASS TO IS: 2102 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.			
GENERAL TOL : FINE / MEDIUM / COARSE	DRG. CONVENTIONS CONFIRM TO INDIAN STANDARDS		
TSS 0 0 D A	C 1 1 0	A 0 0	AA 2 0
IC 0 0 4	SS 1 0	C 1 0	SST 1 0 8 1
1	2	3	4

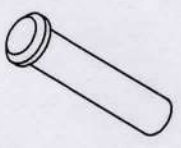
15/11/23
 DR. Works Manager
 ARDE
 PUNE 411021

GENERAL TOL: FINE / MEDIUM / COARSE
 CLASS TO IS: 2102
 DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED

DRG No.	1	8	0	4	1	0	1	0	2	0	0	0	0	0	0	0	0
	SST			C		AA		C		SS		IC					



NOTE:
 HARDNESS: 400 TO 450 HV.
 REMOVE ALL SHARP CORNERS.



DRG No.	1	8	0	4
IC	0	1	0	1
SS	0	1	0	2
S	0	0	0	0
AA	0	0	0	0
A	0	1	0	2
C	0	1	0	2
SS	0	1	0	2
C	0	1	0	2
IC	0	1	0	2

DRN: HARSH
 DATE: 21/04/2023
 SIGN: CHECKED

APPD. DATE: 21/04/2023 FOR DIRECTOR
 SEATED DATE:
 PHOSPATED TO SPECN.JSS-0465-01-1988 CLASS II, OIL FINISH

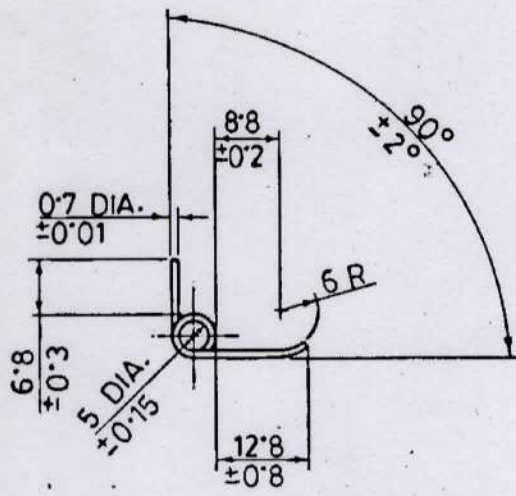
MATERIAL: IS: 5517-1993, GD, 40N16CrMo3 (EN24)
 PROTECTIVE FINISH:
 TITLE: PIN DISCONNECTOR

DESIGN AUTHORITY: ARDE PUNE 411021
 SCALE: 5:1
 SHEET SIZE: A4
 EST. MASS: APPROX. 0.76 gm

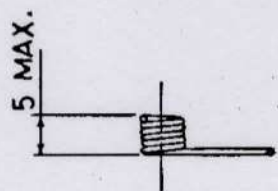
LMG	PART No.	DS CAT No.	AHSP	
DRG No.	1	8	0	4
IC	0	1	0	1
SS	0	1	0	2
S	0	0	0	0
AA	0	0	0	0
A	0	1	0	2
C	0	1	0	2
SS	0	1	0	2
C	0	1	0	2
IC	0	1	0	2

4	3	2	1
E			
D			
C			
B			
A			

1 2 3 4
 ON D.S. CAT. 5360-000531 DIMNS. ARE IN m.m.



5 COMPLETE COILS.
 HELIX: RIGHT HAND.



HEAT TREATMENT:
 THE SPRING AFTER COILING ARE TO BE STRESS
 RELIEVED AT 260°C FOR 15 MINUTES.

105/1121
 Certified as correct copy
 of drg. on.....
 क. कार्यशाला प्रबन्धक
 Jr. Works Manager
 डी.डी.ओ.
 DDO

11-6-2002	25393-SA	RECORD OF RECEIPT CANCELLED AND DRG. SEALED AFRESH			
19.10.2001	25160-SA	PROFORMA CHANGED, NEG. RE-TRACED AND DRG. RE-SEALED AS A RECORD OF RECEIPT.			
		PREVIOUS D.C. NOS. 15594-SA, 16556-SA, 17616-SA, 21672-SA.		COPY	COPY
DATE	AUTHY.	BRIEF RECORD	ZONE	I/C;D.O.	G.O.

SEALED:- D.C. NO. 25393-SA DT. 11-6-2002			SIGN.		
DRN.	CHD.	TRD. <i>Arana</i>	COMP. <i>M. Bambi</i>	AHSPCQA(SA) ICHAPUR	
SCALE :- 1:1		EST. MASS		ASSY. D.S. CAT. NO. 1005-006652	
DT. 19.10.2001.	<i>Arana</i> I/C;D.O.	APPROVED DT. :- NEG. RE-TRACED			
MATERIAL:-		STEEL WIRE TO SPECN. BS:5216 ND ₃ OR HD ₃ , 0.7 m.m.			
H.T./HARDNESS:-				DGNR'S REF.	
PROTECTIVE FINISH:-				PART NO. 99 C	
				DRG. NO. A 1274	
NOMENCLATURE: SPRING, SEAR TRIPPER				D.S. CAT. NO. 5360-000531	

35

LSS	C	A	AA	S	SS	IC
V	D	0	0	0	1	0
0	0	0	0	0	1	0
0	0	0	0	0	1	0

DRG. NO

GEN TOL. FINE/MEDIUM/COARSE
CLASS TO IS: 2012

DRG. CONVENTIONS CONFIRMS TO INDIAN STANDARD
DIMN. IN MM UNLESS OTHERWISE STATED

NOTES:

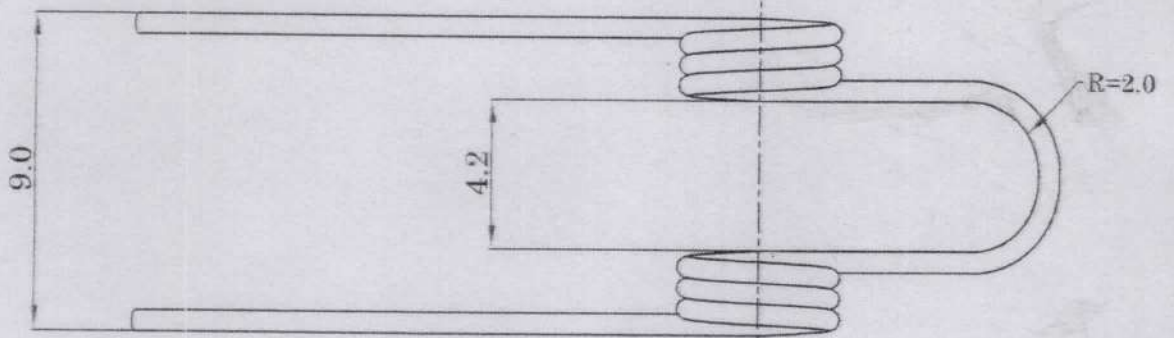
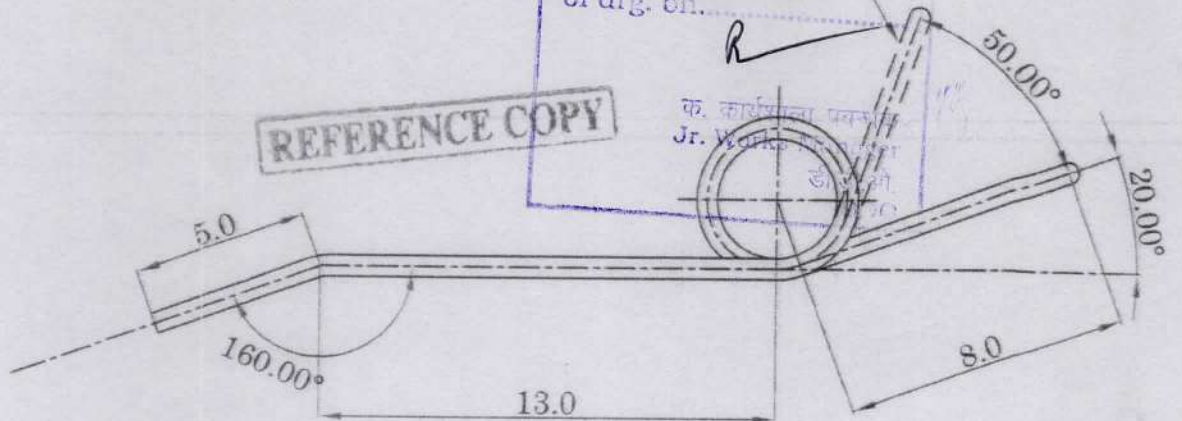
- 1) STRESS TO BE RELIEVED
- 2) WIRE DIA : 0.6
- 3) MEAN DIA : 4.0
- 4) NO. OF COILS : 3 + 3
- 5) LOAD AT 50° DEFLECTION : 0.6 Kg ± 10%

hos/m

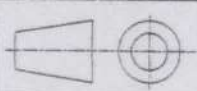
LOAD AT 50° = 0.6 Kg ± 10%

Certified copy of drg. on...

REFERENCE COPY



SR. NO	DATE	AUTHORITY	BRIEF RECORD	ZONE	CD	GO
					SIGN	
DRN: HARSH	DATE: 03/01/2020	CHECKED	MATERIAL :-			
APPD DATE		FOR DIRECTOR	STEEL WIRE TO IS : 4454 Pt. 1, 2001 ,DH			
SEALED DATE			PROTECTIVE FINISH :-			
			PHOSPHATED TO SPECN. IS:3618-1966, CLASS 'B'			
SCALE	EST. MASS		TITLE:-			
DESIGN AUTHORITY			SPRING LINK SEAR			
ARDE						

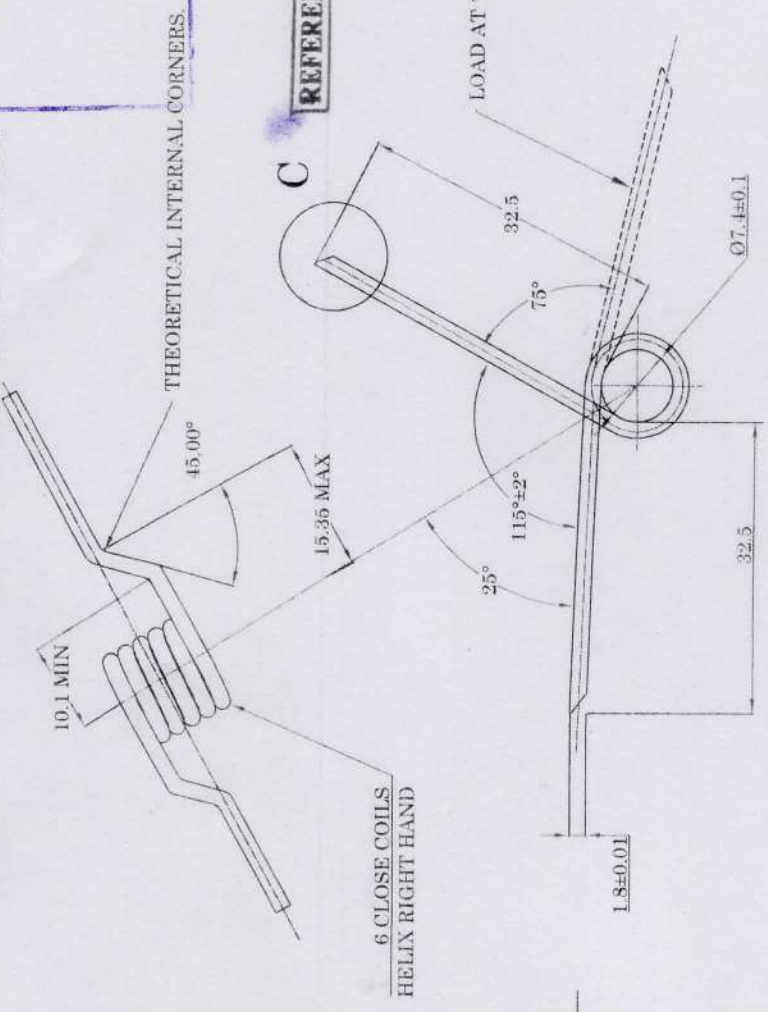


1	2	3	4	5	6	7	8
LSS	VV	SS	DI	DRG NO	ON DRG		
V 0 0	0 0	1 0	1 0	1 0 8 1			
GEN TOL FINE / MEDIUM / COARSE	DRG. CONVENTIONS CONFIRMS TO INDIAN STANDARD						
CLASS TO IS: 2012	DIM IN mm UNLESS OTHERWISE STATED						

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of drg. on.....

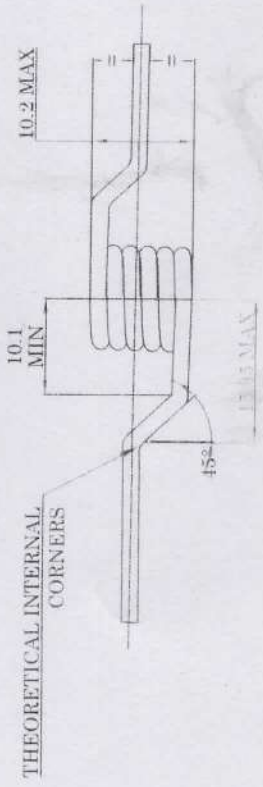
NOTE:
ACCEPTANCE STANDARDS FOR MACRO ETCH TEST
AND MICROSCOPIC DETERMINATION OF NON METALLIC
INCLUSIONS FOR STEEL.
Dr. Works Manager
Jr. S.I.S.I.

MACRO ETCH TEST AS PER ASTM E 381 WITH
ACCEPTANCE STANDARDS AS C2, R2, S2.
2INMR TEST AS PER IS: 4163-82.



REFERENCE CG.

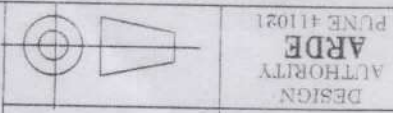
DETAIL VIEW C



SR NO	DATE	AUTHORITY	BRIEF RECORD	ZONE	CD	GO
DRN - HARSH	DATE: 31/12/09	APPROVED: [Signature]	MATERIAL: STEEL WIRE TO IS: 4454 PT. 1, 2001, DH			
APPR: [Signature]	DATE:	FOR DIRECTOR	PROTECTIVE FINISH: PHOSPHATED TO SPECN IS: 3618-1966 CLASS B			
SEALED:	DATE:		TITLE: SPRING SEAR			
SHEET SIZE: A3	EST. MASS: 400					
SCALE: NTS	DESIGN AUTHORITY: ARBIE PUNE ALICE					
DRG NO: 1804	IC	SS	S	AA	A	C
		01	01	02	00	015
						00DA
PART NO	DS CAT NO	AHSP				

DRG NO. 1 8 0 4 IC SS S AA A C 0 0 D A

SPRING PLUNGER WHEEL LOCK



DESIGN AUTHORITY
ARDE
PUNE #1021

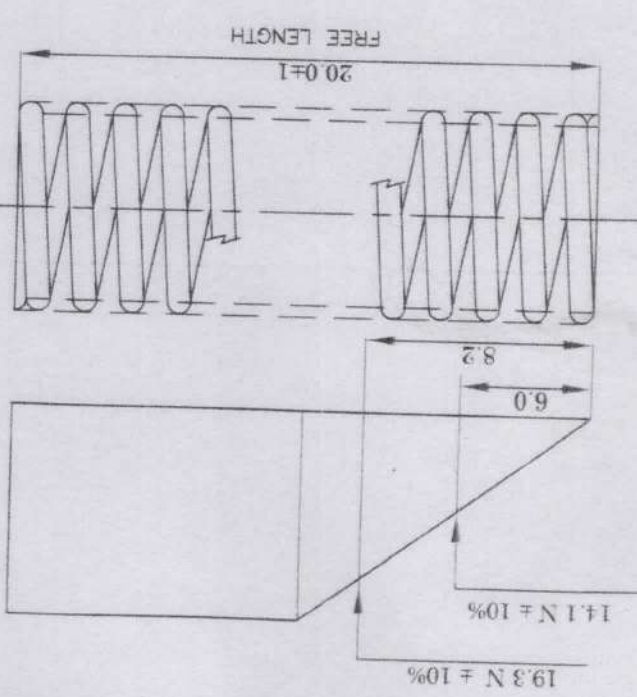
SCALE: -----	SHEET SIZE: A4	EST. MASS
DATE: -----	SEALING DATE: -----	DATE: -----
DATE: -----	FOR DIRECTOR	DATE: 23/12/2019
DR. HARSH	SIGN	CHECKED
MATERIAL: STEEL WIRE TO IS : 4454 Pt. 1, 2001, DH	PROTECTIVE FINISH: PHOSPHATED TO SPECN. IS:3618-1966, CLASS B.	

Sr. No.	DATE	AUTHORITY	BRIEF RECORD	
			ZONE	SIGN
			CD	GO

Jr. Works Manager
Dr. Prakash Kumar
DDO

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of drg. on

- NOTES:
- 1) STRESS TO BE RELIEVED.
 - 2) WIRE DIA : 0.6
 - 3) MEAN DIA : 3.6±0.2
 - 4) NO. OF EFFECTIVE COILS : 12
 - 5) WOUND : L H OR R H
 - 6) CRAMP TEST:-SPRING TO BE TESTED BEFORE GAUGING BY COMPRESSION TO SOLID LENGTH FOR A PERIOD OF 24 HOURS AFTER WHICH IT MUST CONFORM TO FREE LENGTH.
 - 7) ONE COIL OF EACH END TO BE CLOSED IN AND GROUND SQUARE TO THE AXIS OF THE COIL, LEAVING 3/4 OF COIL AT EACH END. NON EFFECTIVE.



GENERAL TOL: FINE / MEDIUM / COARSE
CLASS TO IS : 2102
DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED

DRG. CONVENTIONS CONFIRMS TO INDIAN STANDARD

TSS A D 0 0 C 9 1 0 A 0 0 AA 2 0 S 1 0 SS 1 0 JC 4 0 8 1 DRG No.

1 2 3 4

50