

21	HDX NUT	130 4033-4-6	1	-
20	HDX NUT	130 4033-4-6	2	-
19	SMP HEAD RIVET 3 X 6	1352986	1	-
18	SMP HEAD RIVET 3 X 7	1352986	1	-
17	SMP HEAD RIVET 4 X 8	1352986-4-8	2	-
16	PIN (LARGED)	ADDER PAS/2007/6	1	25
15	SPRING (SMALL)	ADDER PAS/2007/6	1	25
14	TRIGGERS PIN	ADDER PAS/2007/6	1	24
13	ROCKET -1D	ADDER PAS/2007/6	2	23
12	ROCKET -1E	ADDER PAS/2007/6	1	22
11	ROCKET -1F	ADDER PAS/2007/6	1	21
10	ROCKET -1G	ADDER PAS/2007/6	1	20
9	WASHER (TOP PLATE)	ADDER PAS/2007/6	1	19
8	LOADING PIN	ADDER PAS/2007/6	1	18
7	SLIDE PLATE	ADDER PAS/2007/6	1	17
6	SCREW (HEAD)	ADDER PAS/2007/6	2	16
5	ENTIRE PIN	ADDER PAS/2007/6	2	15
4	SPRING (LARGED)	ADDER PAS/2007/6	3	14
3	LOADING PLINER-1I	ADDER PAS/2007/6	1	13
2	LOADING PLINER-1J	ADDER PAS/2007/6	2	12
1	PIN SMALL TOP SPRING	ADDER PAS/2007/6	1	11
10	SPRING (TOP LOADING DEVICE)	ADDER PAS/2007/6	1	10
9	LOADING SPRING	ADDER PAS/2007/6	1	9
8	BOTTOM PLATE	ADDER PAS/2007/6	1	8
7	TOP PLATE	ADDER PAS/2007/6	1	7
6	LOADING BUCKLE PLATE	ADDER PAS/2007/6	1	5
5	HANDLE (LOWER SIDE)	ADDER PAS/2007/6	1	5
4	HANDLE (UPPER SIDE)	ADDER PAS/2007/6	1	5
3	SLIDE	ADDER PAS/2007/6	1	4
2	COMPRESSION SPRING	ADDER PAS/2007/6	1	3
1	SPRING PIN	ADDER PAS/2007/6	2	2
M.A.	NON-FLUORIDE	DRG. NO. SPEC. 46 DT. SER. 4		

PACKINGS- EACH SAMPLE SHALL BE WRAPPED IN A TISSUE PAPER AND 50 NOS. THIS WRAPPED BE PACKED IN A SUITABLE CARTON. EACH CARTON SHALL BE MARKED WITH THE INITIALS OF THE MANUFACTURER BEFORE DISPATCHED EACH PACKING CASE SHALL BE LOGICALLY MARKED WITH THE FOLLOWING DETAILS -

1. NON-FLUORIDE, CAT. NO. OF THE STORE AND THE YEAR OF MANUFACTURE.
2. TOTAL NO. OF PACKING CASES.
3. NO. OF CARTON IN EACH PACKING CASE AND THE DTN. IN EACH CARTON.
4. NAME OF THE PACKING CASE IN HQ.
5. ADDRESS OF CONSIGNEE.
6. ADDRESS OF CONSIGNEE.

DETAIL INDEX

1	REVNO	DATE	ZONE	AUTHORITY	DRG. NO.	GROUP	HEAD	SCALE - NTS	GROUP - PAS	CHG. JCD/DTA	APPROVED	PROLATOR/DR/ GROUP DIRECTOR
2												
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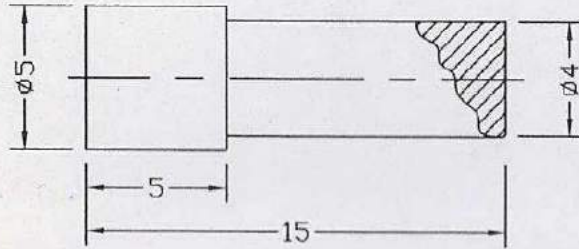
ASSEMBLY

QUICK RELEASE LOCK
TOP WITH BUCKLES

APPROVED: *[Signature]*
PROLATOR/DR/ GROUP DIRECTOR

DRG. NO. ALDER/PAS/2007/6

1

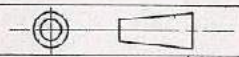


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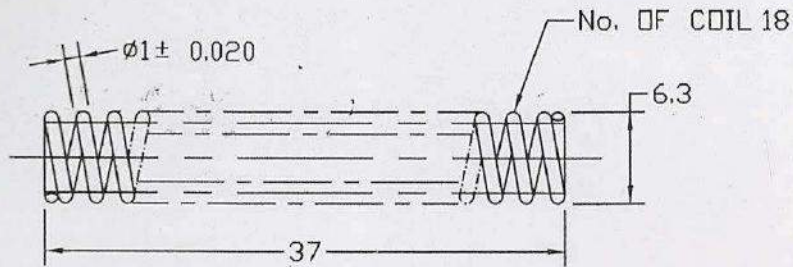
[Handwritten signature]

MATERIAL : MILD STEEL ROUND BAR AS PER IS: 2062-2006 GRADE E300.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A MIN. THICKNESS OF 0.015mm.
 TOLERANCE : ± 0.4 mm UNLESS OTHERWISE SPECIFIED.
 MFG. PROCESS : GENERAL ENGG. PROCESS.
 NOTE : (i) ALL SHARP EDGES TO BE ROUNDED.
 (ii) ITEM SHOULD BE DRIVE FIT WITH ITEM No. 4 & 5 AS PER H7s6 NORMAL.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	I/C CAD	GROUP HEAD
				ADRDE AGRA	DRN.	PANKAJ	<i>Sudhakar Prasad</i> PROJ.OFFR./GROUP OFFICER		
				GROUP:- PAS	CHD.	J.C.DUTTA			
SCALE:- 4 : 1				SPRING PIN QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED		
DIMENSIONS IN mm							<i>[Signature]</i> PROJ.DIRECTOR./GROUP DIRECTOR		
TOL:- AS ABOVE							DRG. No.		
MATERIAL:- AS ABOVE							ADRDE/PAS/2007/16		
FINISH:- AS ABOVE									
HEAT TREATMENT:-									



2



1-OFF

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MATERIAL : SPRING STEEL WIRE AS PER IS: 4454(PART I): 2001 GRADE SL.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20 μ .

EMBRITTLMENT

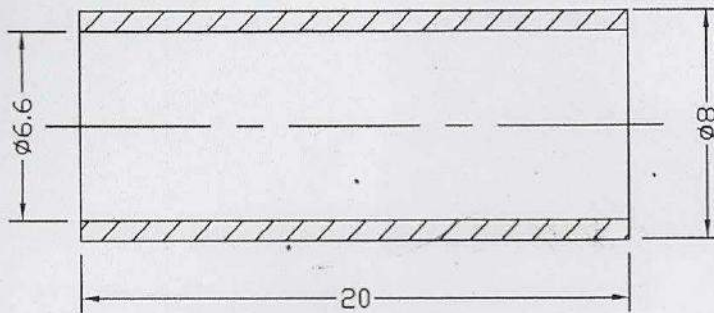
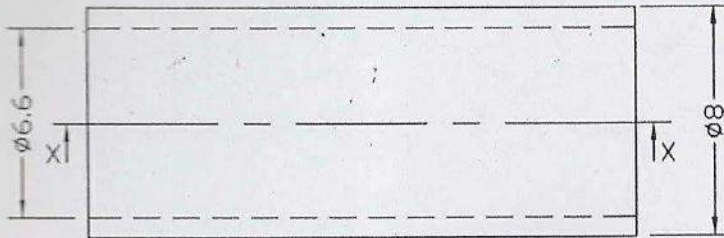
RELEASE : SPRING AFTER PLATING SHALL BE MAINTAINED AT A TEMP. OF 150°-200°C FOR HALF AN HOUR MIN TO REMOVE HYDROGEN EMBRITTLMENT.

ACCEPTANCE

TEST : SPRING SHOULD BE COMPRESSED FULLY FOR 15-20 MINUTES AND NO PERMANENT SET SHOULD BE OBSERVED AFTER REMOVAL OF LOAD.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 2 : 1			ADRDE AGRA	DRN.	PANKAJ	Sudhan Bansal			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhan Bansal PROJ.OFFR./GROUP OFFICER			
TOL:- IS: 2102 (Pt-I) 1993 MEDIUM			COMPRESSION SPRING QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE						 4.8.08 PROJ.DIRECTOR./GROUP DIRECTOR			
FINISH:- AS ABOVE									
HEAT TREATMENT:-						DRG. No.			ADRDE/PAS/2007/16

3

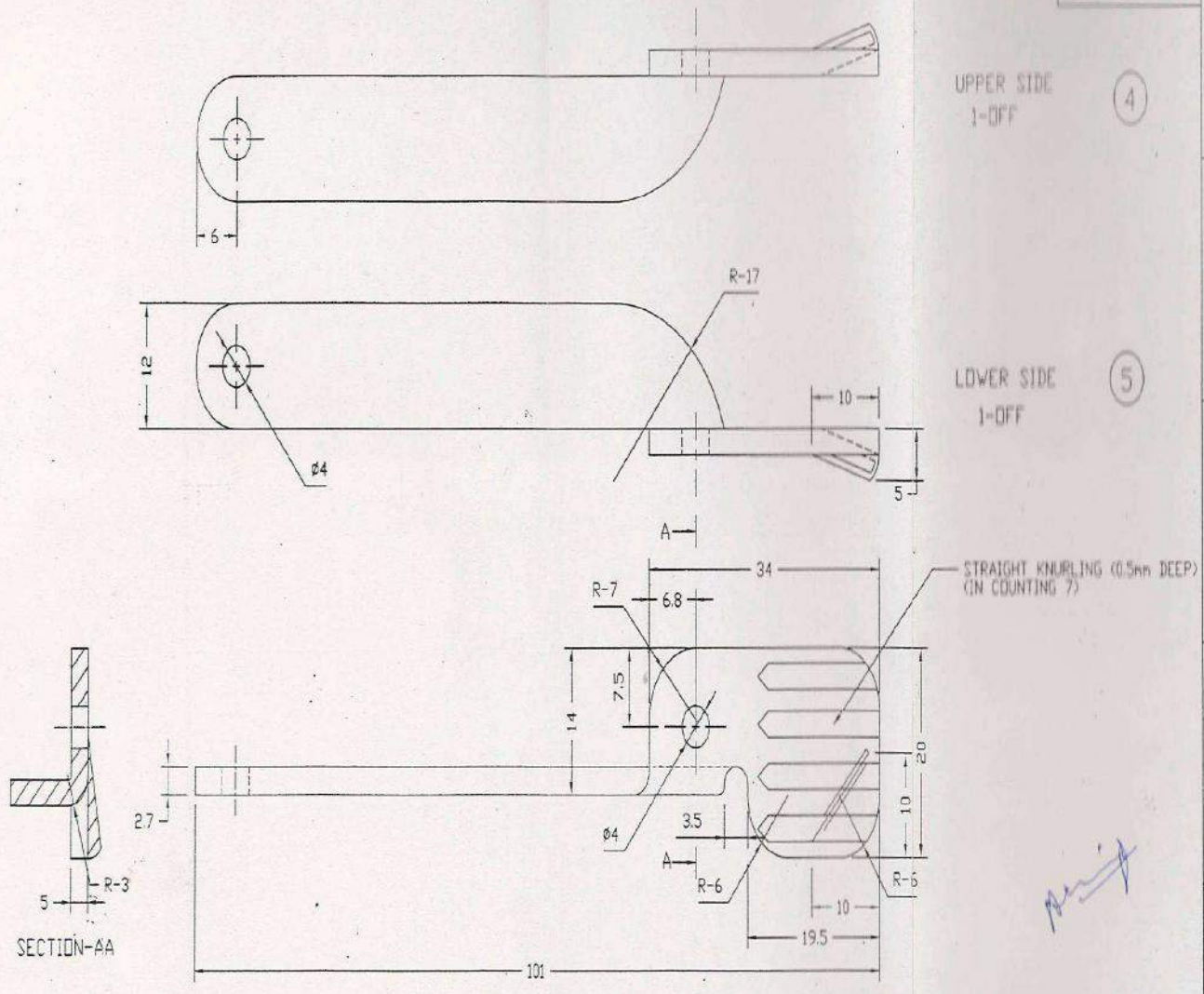


Am

SECTION-XX
1-OFF

MATERIAL : SEAMLESS STEEL TUBE AS PER IS:4922-1968
IN HARDENED AND TEMPERED CONDITION.
FINISH : TO BE FINISHED SMOOTH AND ELECTROPLATED.
MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD		
SCALE:- 4 : 1			ADRDE AGRA	DRN.	PANKAJ	Sudhanu Prasad					
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhanu Prasad PROJ.OFFR./GROUP OFFICER					
TOL:- IS:2102(PART-I) 1993 MEDIUM			SLEEVE 'QUICK RELEASE LOCK' TP WITH BUCKLES			APPROVED					
MATERIAL:- AS ABOVE						DRG. No. ADRDE/PAS/2007/16			 4/8/08 PROJ.DIRECTOR./GROUP DIRECTOR		
FINISH:- AS ABOVE											
HEAT TREATMENT:-											



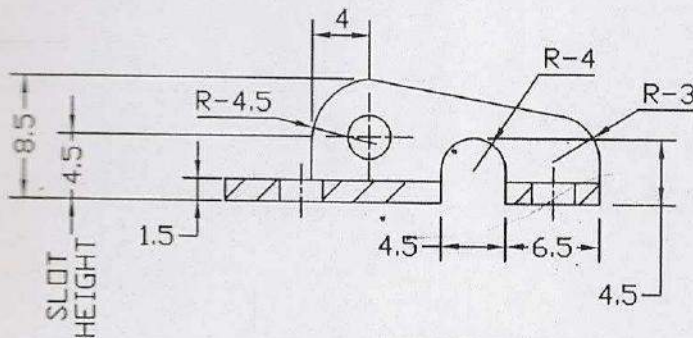
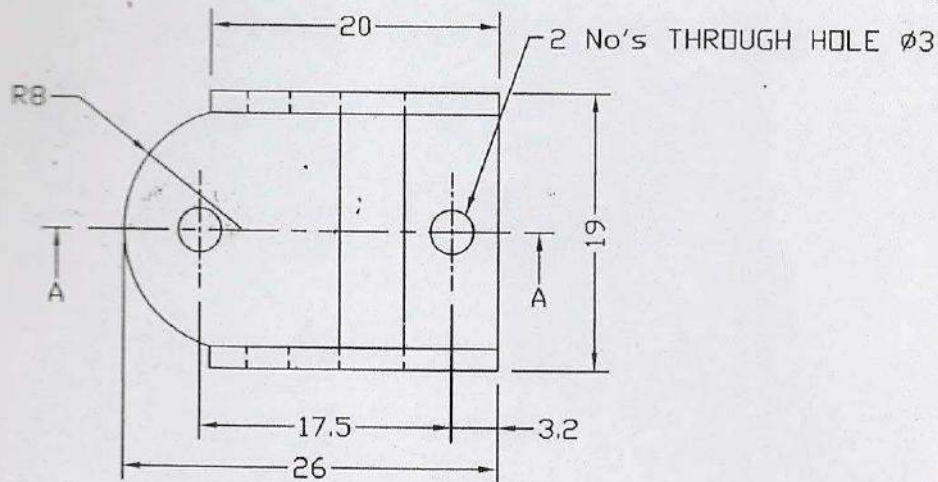
MATERIAL : MEDIUM CARBON STEEL GRADE C-40 IN ANNEALED AND RE-ROLLED CONDITION,
 AS PER IS: 7226-1974.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20μ.
 MFG. PROCESS : GENERAL ENGG. PROCESS.

SCALE- 2 : 1
 DIMENSIONS IN mm
 TOL.-IS: 2102(Pt.1) 1993 MEDIUM
 MATERIAL- AS ABOVE
 FINISH- AS ABOVE
 HEAT TREATMENT-

AD R D E AGRA	DRN.	PANKAJ	Sudheer Prasad Sudheer Prasad PROJ. OFFICER/ GROUP OFFICER
GROUP- PAS	CHD.	J.C.DUTTA	
HANDLE (UPPER & LOWER SIDE) QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED <i>[Signature]</i> PROJ.DIRECTOR/ GROUP DIRECTOR
			DRG. No. ADRDE/PAS/2007/16

Rev.No.	DATE	ZONE	AUTHORITY	BRIEF RECORRD	PROJ. OFFR.	I/C CAD	GROUP HEAD
1							
2							
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4							
5							

6



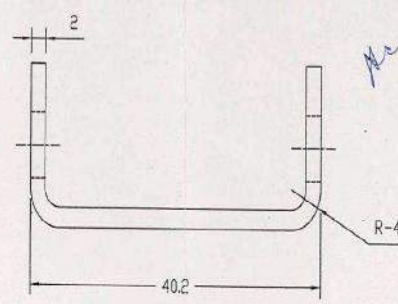
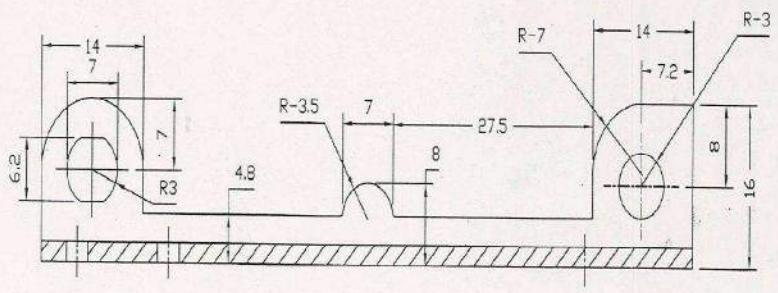
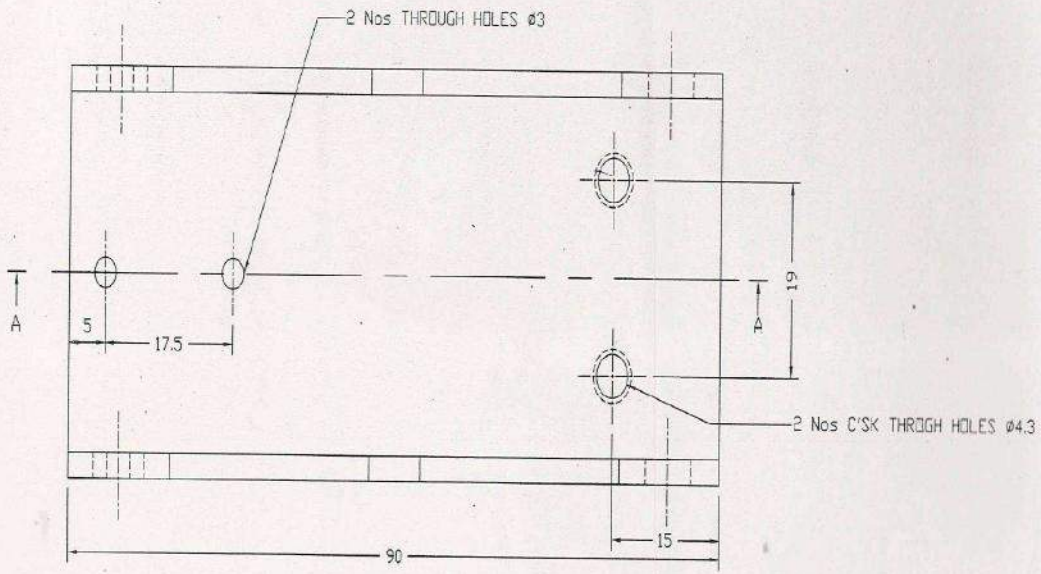
SECTION-AA
1-OFF



MATERIAL : MEDIUM CARBON STEEL C-40 STRIP IN ANNEALED AND RE-ROLLED CONDITION, AS PER IS: 7226-1974.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20µ.
 TOLERANCE : BENDING RADIUS 1mm UNLESS OTHERWISE SPECIFIED.
 MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 2 : 1			ADRDE AGRA	DRN.	PANKAJ	Sudhakar Prasad			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhakar Prasad PROJ.OFFR./GROUP OFFICER			
TOL:- IS: 2102 (Pt-I) 1993 MEDIUM			LOCKING DEVICE PLATE QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE									
FINISH:- AS ABOVE						PROJ.DIRECTOR./GROUP DIRECTOR			
HEAT TREATMENT:-						DRG. NO. ADRDE/PAS/2007/16			

7



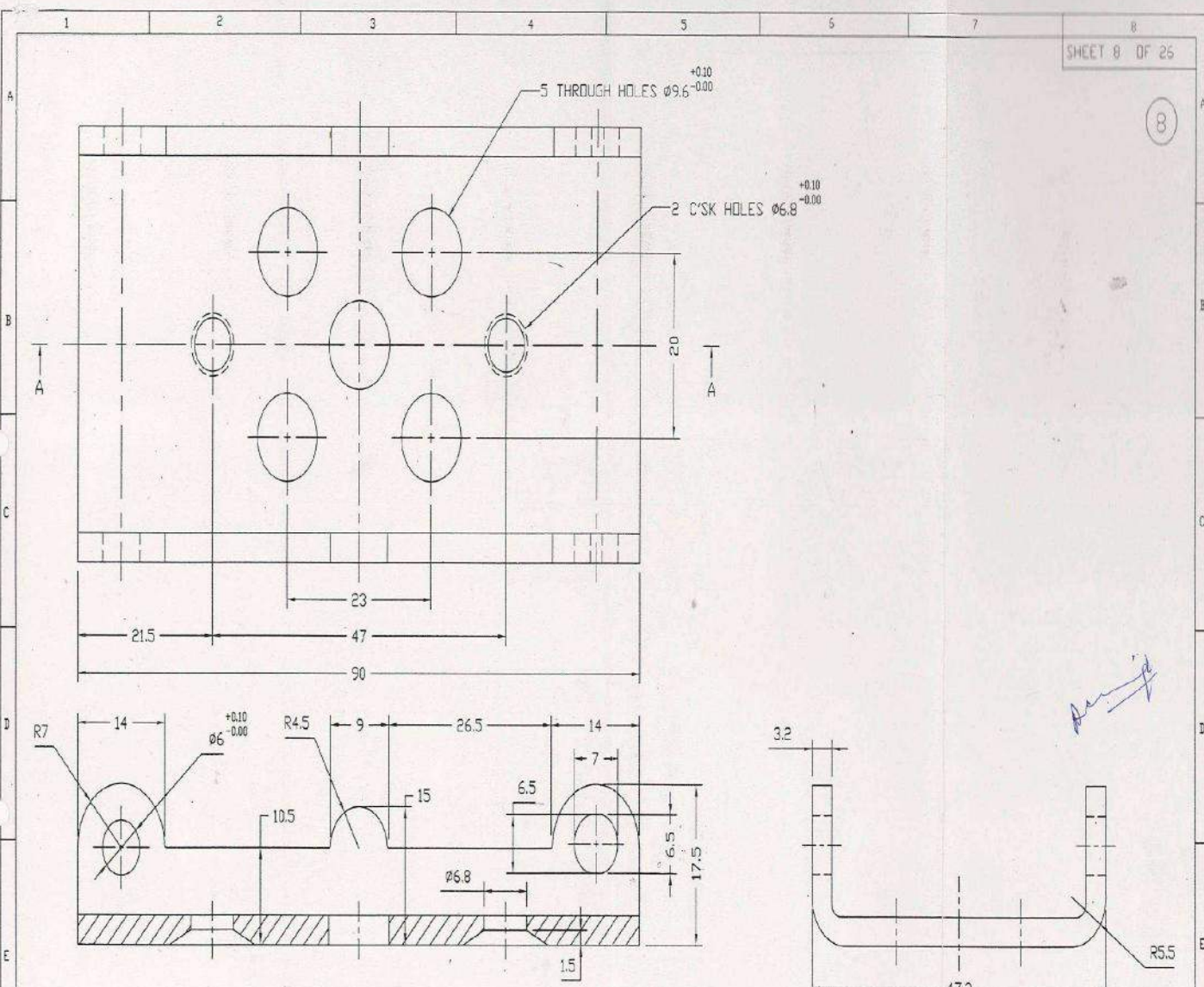
SECTION-AA
1-OFF

MATERIAL : MEDIUM CARBON STEEL STRIP C-40 IN ANEALD AND RE-ROLLED CONDITION,
AS PER IS: 7226-1974.
FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20μ.
TOLERANCE: BENDING RADIUS 1mm UNLESS OTHERWISE SPECIFIED.
MFG. PROCESS : GENERAL ENGG. PROCESS.

SCALE:- 2 : 1	A D R D E AGRA	DRN	PANKAJ	Sudhakar Prasad Sudhakar Prasad PROJ. OFFICER/ GROUP OFFICER
DIMENSIONS IN mm	GROUP- PAS	CHD	J.C.DUTTA	APPROVED <i>slr</i> 12/8/08 PROJ.DIRECTOR/ GROUP DIRECTOR
TOL:- IS: 2102(P+D) 1993 MEDIUM	TOP PLATE QUICK RELEASE LOCK TP WITH BUCKLES			DRG. No.
MATERIAL:- AS ABOVE				ADRDE/PAS/2007/16
FINISH:- AS ABOVE				
HEAT TREATMENT:-				

Rev.No.	DATE	ZONE	AUTHORITY	BRIEF RECORD	PROJ. OFFR.	I/C CAD	GROUP HEAD
1							

8

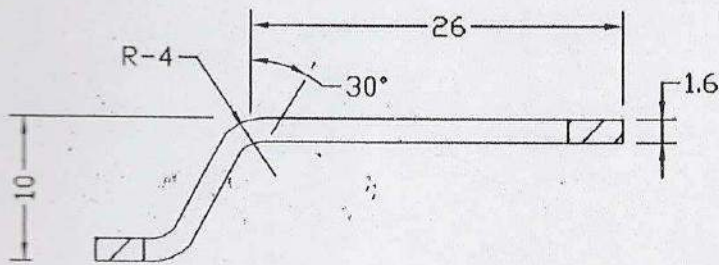


MATERIAL: MEDIUM CARBON STEEL STRIP C-40 IN ANNEALED AND RE-ROLLED CONDITION, AS PER IS: 7226-1974.
 FINISH: TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20 μ .
 TOLERANCE: BENDING RADIUS 1mm UNLESS OTHERWISE SPECIFIED.
 MFG. PROCESS: GENERAL ENGG. PROCESS.

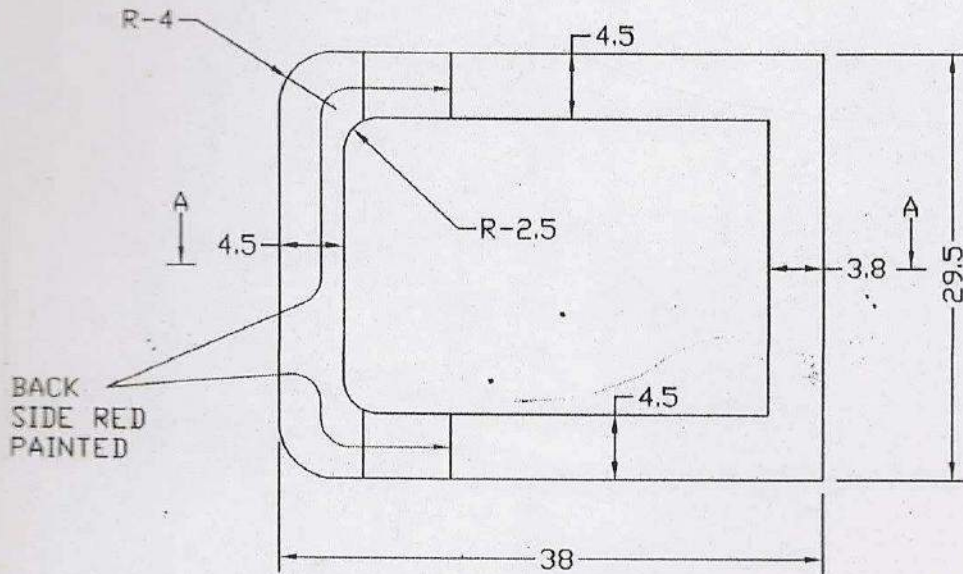
SCALE:- 2 : 1	ADRDE AGRA	DRN	PANKAJ	Sudhakar Pandey Sudhakar Pandey PROJ. OFFICER/ GROUP OFFICER
DIMENSIONS IN mm	GROUP- PAS	CHD	J.C.DUTTA	
TOL:- IS: 2102(P+I) 1993 MEDIUM	BOTTOM PLATE QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED
MATERIAL:- AS ABOVE				PROJ. DIRECTOR/ GROUP DIRECTOR
FINISH:- AS ABOVE				
HEAT TREATMENT:-				ADRDE/PAS/2007/16

Rev.No.	DATE	ZONE	AUTHORITY	BRIEF RECORD	PROJ OFFR.	I/C CAD	GROUP HEAD
1		2		3	4	5	6

9



SECTION-AA



1-OFF

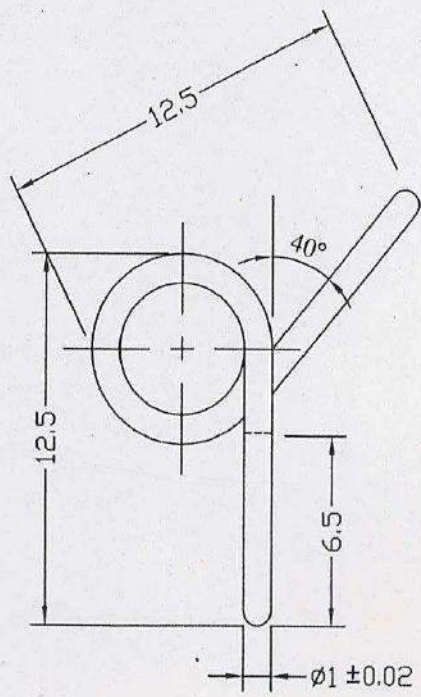
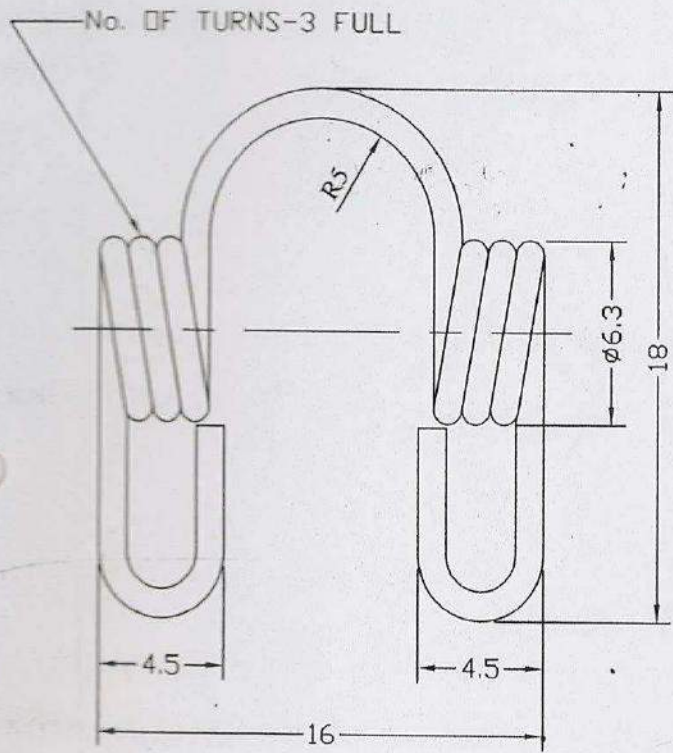
MATERIAL : MEDIUM CARBON STEEL STRIP TO GRADE : C-40 IN ANNEELED AND RE-ROLLED CONDITION, AS PER IS: 7226-1974.

FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20μ.

MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 2 : 1			ADRDE AGRA	DRN.	PANKAJ	Sudhakar Prasad			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhakar Prasad PROJ.OFFR./GROUP OFFICER			
TOL:- IS: 2102 (Pt-I) 1993 MEDIUM	<p style="text-align: center;">LOCKING DEVICE</p> <p style="text-align: center;">QUICK RELEASE LOCK TP WITH BUCKLES</p>			<p style="text-align: center;">APPROVED</p> <p style="text-align: center;"><i>Sudhakar Prasad</i> 4.8.08</p> <p style="text-align: center;">PROJ.DIRECTOR./GROUP DIRECTOR</p>		<p style="text-align: center;">DRG. No.</p> <p style="text-align: center;">ADRDE/PAS/2007/16</p>			
MATERIAL:- AS ABOVE									
FINISH:- AS ABOVE									
HEAT TREATMENT:-									

10



SINGLE TURN

1-OFF

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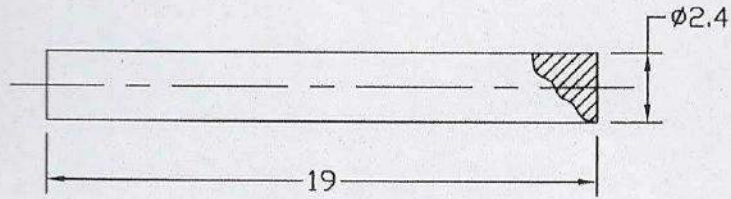
MATERIAL : SPRING STEEL WIRE AS PER IS:4454 (PART I) 2001 GRADE SL.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20 μ .

ACCEPTANCE

TEST : COMPRESS A SPRING 40° AS DIRECTION SHOWN IN FIGURE AND KEPT FOR 15-20 MINUTES AND AFTER REMOVAL OF LOAD, NO PERMANENT SET SHOULD BE OBSERVED.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C <input type="checkbox"/> CAD	GROUP HEAD
SCALE:- 2:1			ADRDE AGRA	DRN.	PANKAJ	Sudhakar Prasad			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhakar Prasad PROJ.OFFR./GROUP OFFICER			
TOL:- IS:2102(Pt.-I) 1993 MEDIUM			SPRING (FOR LOCKING DEVICE) QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE									
FINISH:- AS ABOVE									
HEAT TREATMENT:-						PROJ.DIRECTOR./GROUP DIRECTOR DRG. No. ADRDE/PAS/2007/16			

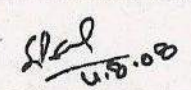
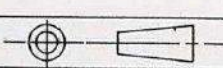
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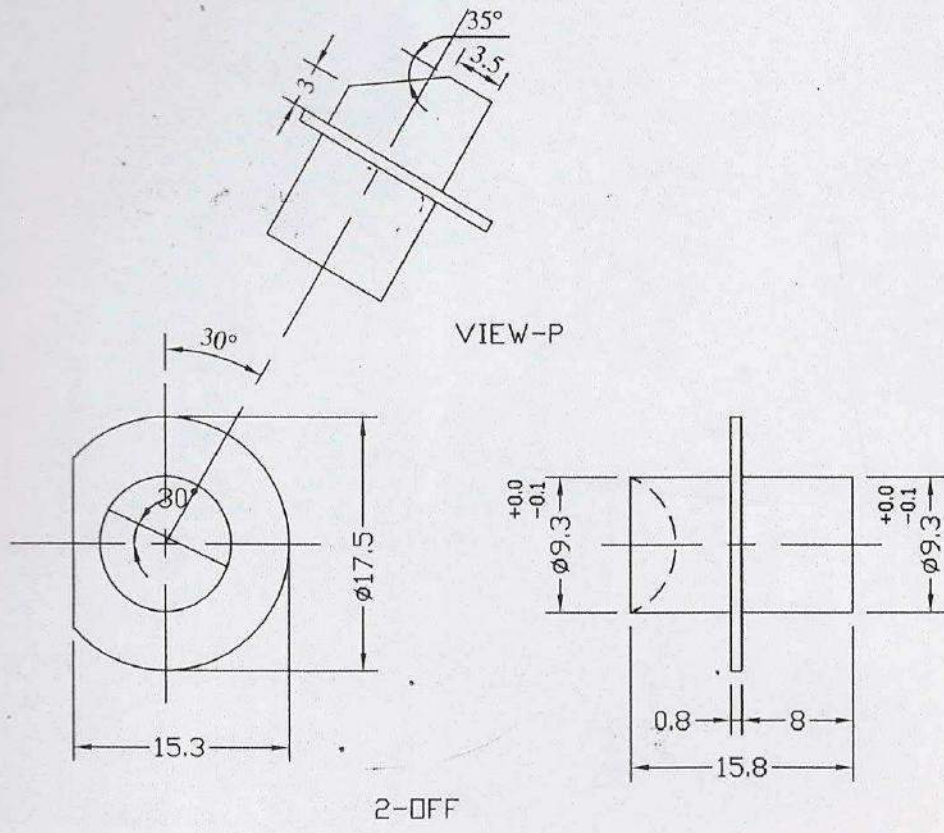
1-OFF

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MATERIAL : MILD STEEL ROUND BAR AS PER IS:2062-2006 GRADE E300.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED
 TO A THICKNESS OF 20μ.
 NOTE : ALL SHARP EDGES TO BE ROUNDED.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 4:1			A D R D E AGRA	DRN.	PANKAJ	Sudhakar Prasad			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhakar Prasad PROJ.OFFR./GROUP OFFICER			
TOL:- IS: 2102 (Pt-I) 1993 MEDIUM			PIN (SMALL FOR SPRING) QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE						 PROJ.DIRECTOR./GROUP DIRECTOR			
FINISH:- AS ABOVE									
HEAT TREATMENT:-						DRG. No. ADRDE/PAS/2007/16			
									

12

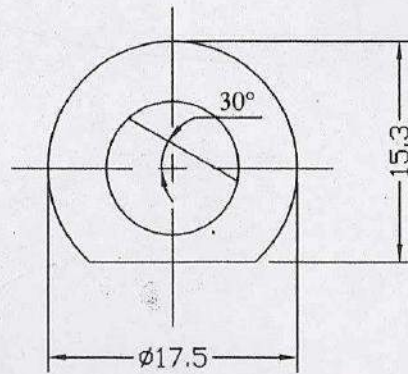
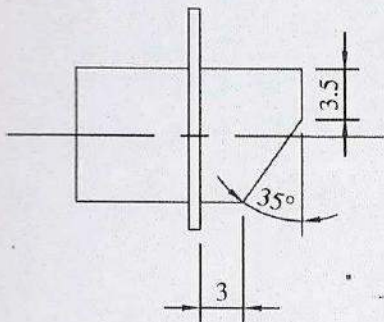
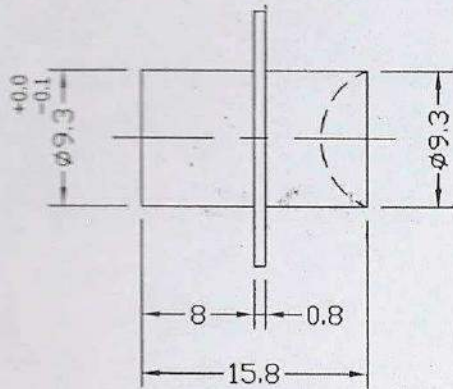


MATERIAL : STEEL AS PER IS:5517 : 1993 DESIGNATION 40Ni6Cr4Mo3
 IN HARDENED AND TEMPERED CONDITION.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO
 A THICKNESS OF 20µ.
 TOLERANCE : +0.4mm UNLESS OTHERWISE SPECIFIED.
 HARDNESS : 241 HB (Min.)
 MFG. PROCESS : GENERAL ENGG. PROCESS.
 NOTE : ALL SHARP EDGES TO BE ROUNDED.

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Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD		
SCALE: 2:1			ADRDE AGRA	DRN.	PANKAJ	Sudhar Prasad					
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhar Prasad PROJ.OFFR./GROUP OFFICER					
TOL:- AS ABOVE			LOCKING PLUNGER-I QUICK RELEASE LOCK .TP WITH BUCKLES			APPROVED	<i>[Signature]</i> 4.8.08				
MATERIAL:- AS ABOVE						PROJ.DIRECTOR./GROUP DIRECTOR					
FINISH:- AS ABOVE						DRG. No.			ADRDE/PAS/2007/16		
HEAT TREATMENT:-											
				1	2	3	4				

13



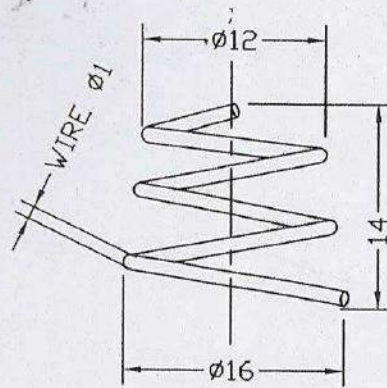
1-OFF

- MATERIAL : STEEL AS PER IS:5517 : 1993 DESIGNATION 40Ni6Cr4Mo3
IN HARDENED AND TEMPERED CONDITION.
- FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO
A THICKNESS OF 20μ.
- TOLERANCE : +0.4mm UNLESS OTHERWISE SPECIFIED.
- HARDNESS : 241 HB (Min.)
- MFG. PROCESS : GENERAL ENGG. PROCESS.
- NOTE : ALL SHARP EDGES TO BE ROUNDED.

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Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 2:1			ADRDE AGRA	DRN.	PANKAJ	Sudhakar Prasad			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhakar Prasad PROJ.OFFR./GROUP OFFICER			
TOL:- AS ABOVE			LOCKING PLUNGER-II QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE						<i>[Signature]</i> 4.8.08			
FINISH:- AS ABOVE						PROJ.DIRECTOR./GROUP DIRECTOR			
HEAT TREATMENT:-						DRG. No. ADRDE/PAS/2007/16			

14



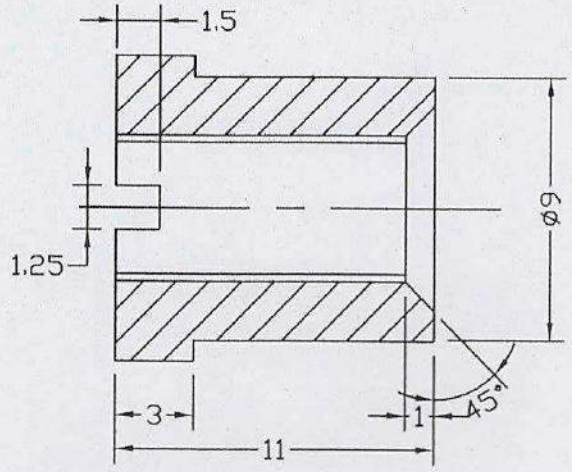
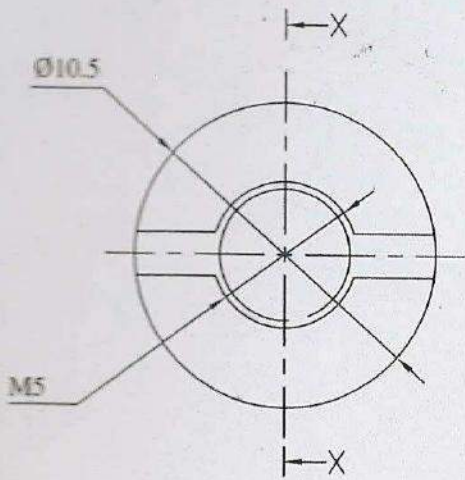
3-OFF

- MATERIAL : SPRING STEEL WIRE AS PER IS: 4454(PART-I) : 2001 GRADE SL.
- FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20 μ .
- EMBRITTLMENT RELEASE : SPRING AFTER PLATING SHALL BE MAINTAINED AT A TEMP. OF 150°-200°C FOR HALF AN HOUR MIN. TO REMOVE HYDROGEN EMBRITTLMENT.
- ACCEPTANCE TEST : SPRING SHOULD BE COMPRESSED FULLY FOR 15-20 MINUTES AND NO PERMANENT SET SHOULD BE OBSERVED AFTER REMOVAL OF LOAD.

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Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 2:1				ADRDE AGRA	DRN.	PANKAJ	Sudhakar Prasad		
DIMENSIONS IN mm				GROUP:- PAS	CHD.	J.C.DUTTA	Sudhakar Prasad PROJ.OFFR./GROUP OFFICER		
TOL:- IS: 2102(Pt.-I) 1993 MEDIUM				SPRING (FOR PLUNGER) QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED		
MATERIAL:- AS ABOVE							 U.B.D.B. PROJ.DIRECTOR/GROUP DIRECTOR		
FINISH:- AS ABOVE							DRG. No.		
HEAT TREATMENT:-							ADRDE/PAS/2007/16		

15



SECTION-XX

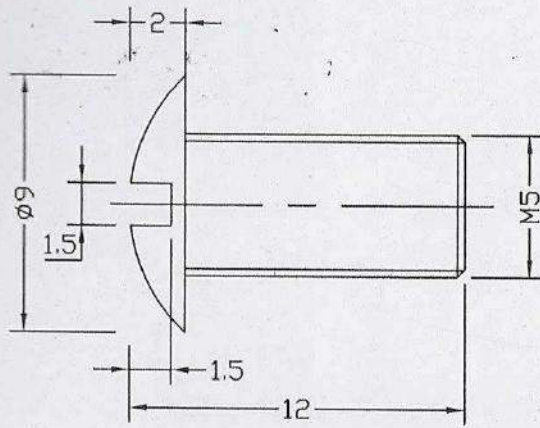
2-OFF

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MATERIAL : STEEL AS PER IS: 5517 : 1993, DESIGNATION 40Ni6Cr4Mo3 IN TEMPERED AND HARDENED CONDITION.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20µ.
 TOLERANCE : ±0.4mm UNLESS OTHERWISE SPECIFIED.
 MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C <input type="checkbox"/> CAD	GROUP HEAD
SCALE:- 4 : 1			ADRDE AGRA	DRN.	PANKAJ	Sudhakar Prasad			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhakar Prasad PROJ.OFFR./GROUP OFFICER			
TOL:- AS ABOVE			CENTRE PIN QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE						<i>Handwritten signature</i> u.B.OB			
FINISH:- AS ABOVE						PROJ.DIRECTOR./GROUP DIRECTOR			
HEAT TREATMENT:-						DRG. No. ADRDE/PAS/2007/16			

16

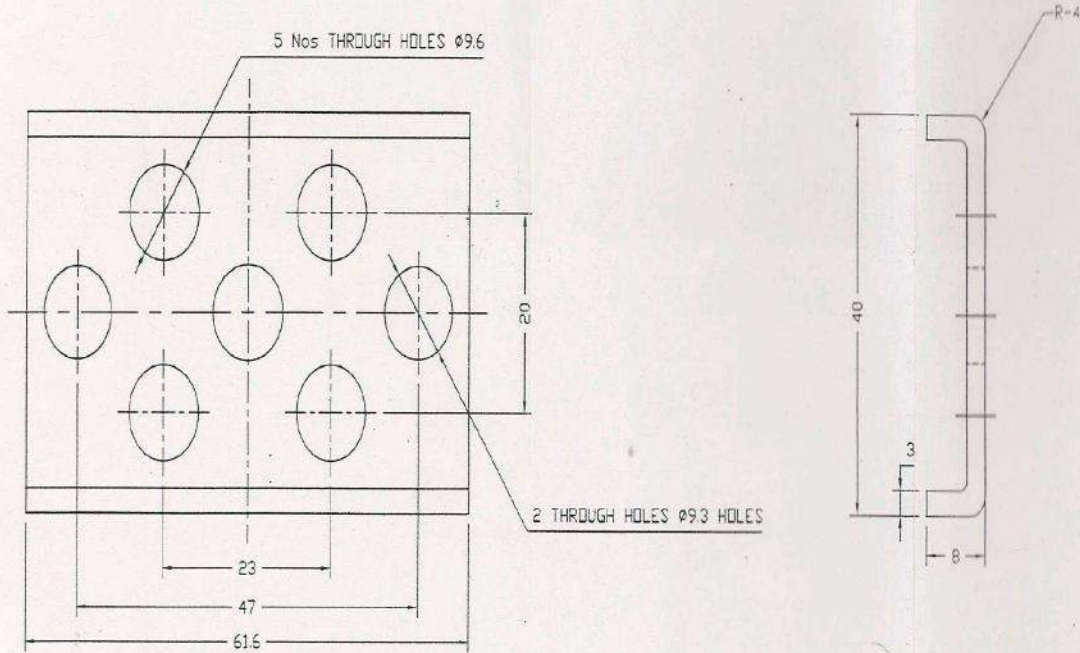


2-OFF

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MATERIAL : STEEL AS PER IS:1732, DESIGNATION ISR06.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20 μ .
 TOLERANCE : ± 0.4 mm UNLESS OTHERWISE SPECIFIED.
 MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 4 : 1			A D R D E AGRA	DRN.	PANKAJ	Suchhar Prasad			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Suchhar Prasad PROJ.OFFR./GROUP OFFICER			
TOL:- AS ABOVE			SCREW (BIG) QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE						<i>Signature</i> 4.8.08			
FINISH:- AS ABOVE						PROJ.DIRECTOR/GROUP DIRECTOR			
HEAT TREATMENT:-						DRG. No. ADRDE/PAS/2007/16			



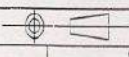
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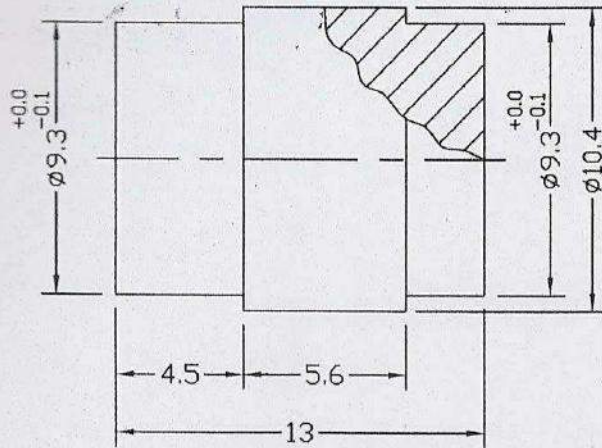
MATERIAL : MEDIUM CARBON STEEL TO GRADE C-40 AS PER IS: 7226-1974,
 IN ANNEALED AND RE-ROLLED CONDITION.
 FINISH : TO BE SMOOTHLY FINISHED AND ZINC PLATED TO A THICKNESS OF 20μ.
 MFG. PROCESS : GENERAL ENGG. PROCESS.

SCALE- 2 : 1	A D R D E AGRA	DRN.	PANKAJ	<i>Sachin Prasad</i>		
DIMENSIONS IN mm	GROUP- PAS	CHD.	J.C.DUTTA	<i>Sachin Prasad</i>		
TOL- IS: 2102(P&D) 1993 MEDIUM				PROJ. OFFICER/ GROUP OFFICER		
MATERIAL- AS ABOVE	SLIDE PLATE QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED		
FINISH- AS ABOVE				<i>Handwritten signature</i> PROJ. DIRECTOR/ GROUP DIRECTOR		
HEAT TREATMENT-						

Rev.No.	DATE	ZONE	AUTHORITY	BRIEF RECORD	PROJ. OFFR.	I/C CAD	GROUP HEAD
1							



18

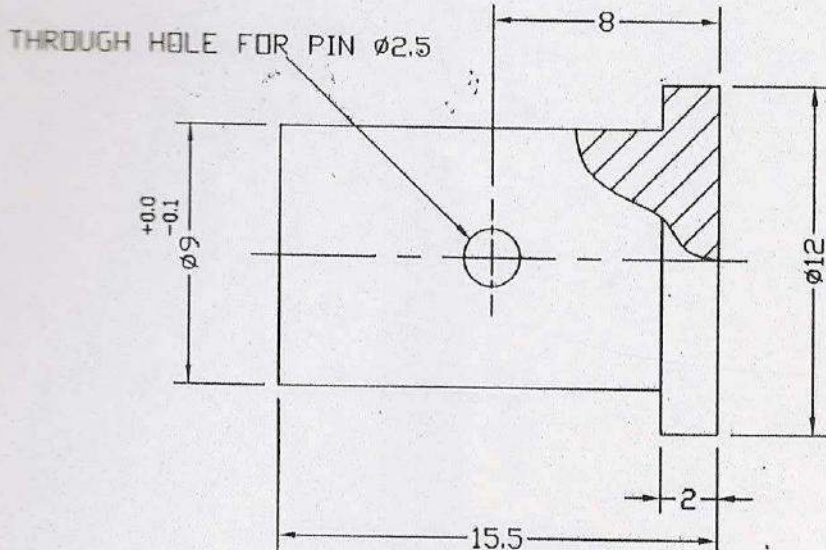


1-OFF

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MATERIAL : STEEL AS PER IS: 5517 : 1993 DESIGNATION 40 Ni6 Cr4 Mo3.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20 μ .
 MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 4 : 1			A D R D E AGRA	DRN.	PANKAJ	<i>Sudhar Band</i>			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	<i>Sudhar Band</i> PROJ.OFFR./GROUP OFFICER			
TOL:- IS:2102(Pt-D) 1993 MEDIUM			LOCKING PIN QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE						<i>Asp</i> 4.8.08			
FINISH:- AS ABOVE						PROJ.DIRECTOR./GROUP DIRECTOR			
HEAT TREATMENT:-						DRG. No. ADRDE/PAS/2007/16			

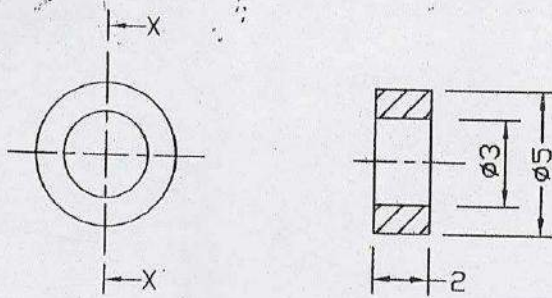


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MATERIAL : STEEL AS PER IS: 5517 : 1993 DESIGNATION 40 Ni6 Cr4 Mo3.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20µ.
 MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD			
SCALE:- 4 : 1				ADRDE AGRA	DRN.	PANKAJ	<i>Sudhakar Prasad</i> <i>Sudhakar Prasad</i> PROJ.OFFR./GROUP OFFICER					
DIMENSIONS IN mm				GROUP:- PAS	CHD.	J.C.DUTTA						
TOL:- IS:2102(Pt-I) 1993 MEDIUM				FULCRUM PIN QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED					
MATERIAL:- AS ABOVE							DRG. No. ADRDE/PAS/2007/16			<i>Start</i> <i>14/8.08</i> PROJ.DIRECTOR./GROUP DIRECTOR		
FINISH:- AS ABOVE												
HEAT TREATMENT:-												



SECTION-XX

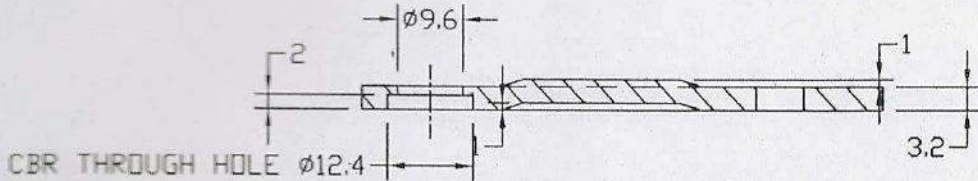
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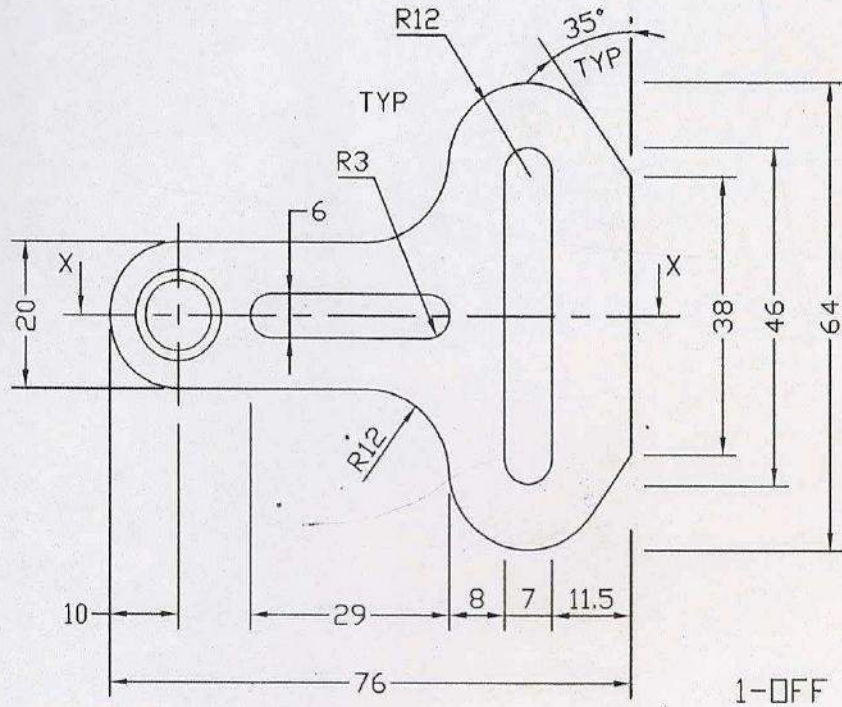
MATERIAL : MEDIUM CARBON STEEL TO GRADE C-40 AS PER IS: 7226-1974.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20μ.
 MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 4 : 1				ADRDE AGRA	DRN.	PANKAJ	<i>Sudhakar Prasad</i> Sudhakar Prasad PROJ.OFFR./GROUP OFFICER		
DIMENSIONS IN mm				GROUP:- PAS	CHD.	J.C.DUTTA			
TOL:- IS: 2102 (Pt-1) 1993 MEDIUM				WASHER (FOR TOP PLATE) QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED		
MATERIAL:- AS ABOVE							PROJ.DIRECTOR./GROUP DIRECTOR DRG. NO. ADRDE/PAS/2007/16		
FINISH:- AS ABOVE									
HEAT TREATMENT:-									

(21)



SECTION-XX



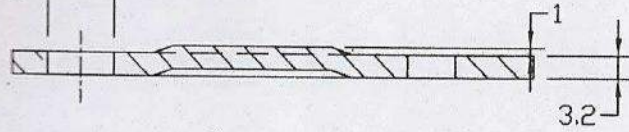
MATERIAL : MEDIUM CARBON STEEL C-40 AS PER IS: 7226-1974, IN ANNEALED CONDITION.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20µ.
 MFG. PROCESS : GENERAL ENGG. PROCESS.

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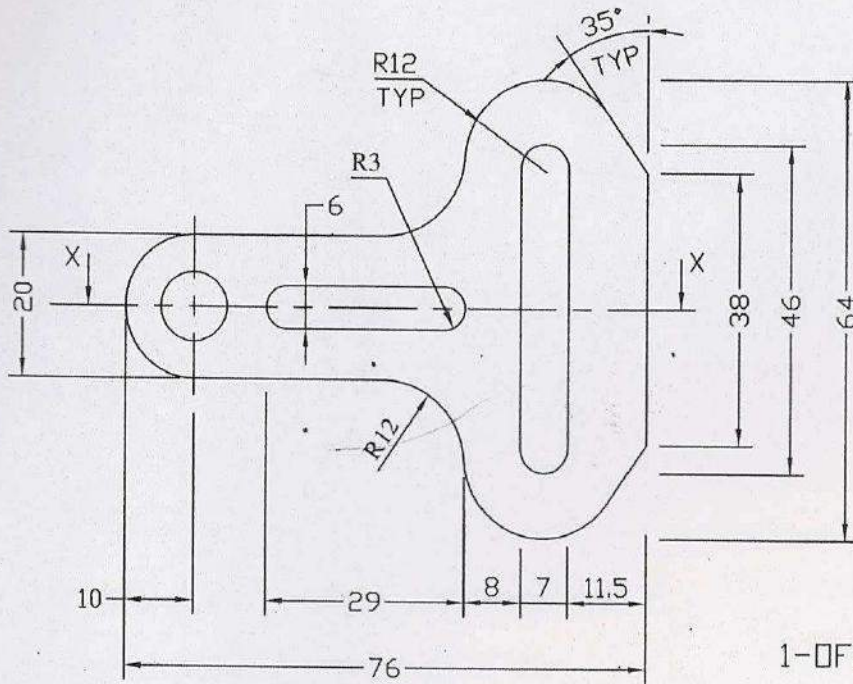
Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 1 : 1			ADRDE AGRA	DRN.	PANKAJ	<i>Sudhakar Basad</i>			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	<i>Sudhakar Basad</i> PROJ.OFFR./GROUP OFFICER			
TOL:- IS: 2102 (Pt-I) 1993 MEDIUM			BUCKLE-I QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE						<i>Shay</i> U.B.09			
FINISH:- AS ABOVE						PROJ.DIRECTOR./GROUP DIRECTOR			
HEAT TREATMENT:-						DRG. No. ADRDE/PAS/2007/16			

22

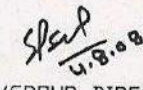
THROUGH HOLE $\phi 9.6$

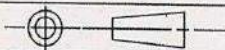


SECTION-XX



MATERIAL : MEDIUM CARBON STEEL C-40 AS PER IS: 7226-1974,
IN ANNEALED CONDITION.
FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A
THICKNESS OF 20 μ .
MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C <input type="checkbox"/> CAD	GROUP HEAD
SCALE:- 1 : 1			ADRDE AGRA	DRN.	PANKAJ	Sudhakar Prasad			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhakar Prasad PROJ.OFFR./GROUP OFFICER			
TOL:- IS: 2102 (Pt-I) 1993 MEDIUM			BUCKLE-II QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE						 PROJ.DIRECTOR./GROUP DIRECTOR			
FINISH:- AS ABOVE									
HEAT TREATMENT:-						ADRDE/PAS/2007/16			



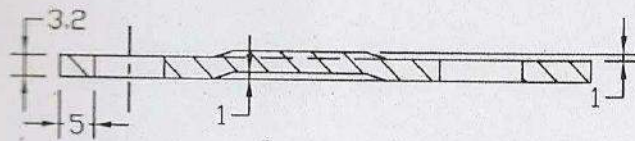
1

2

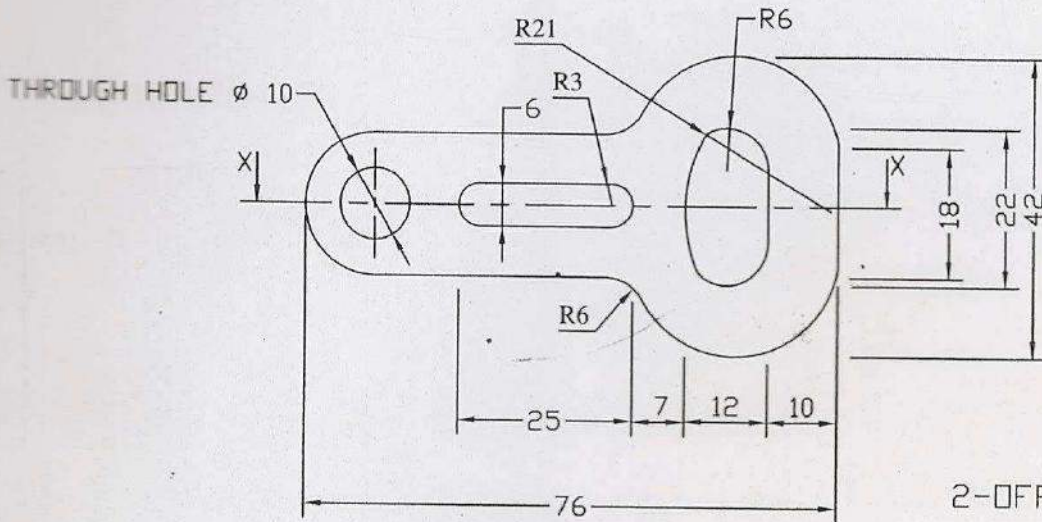
3

4

23



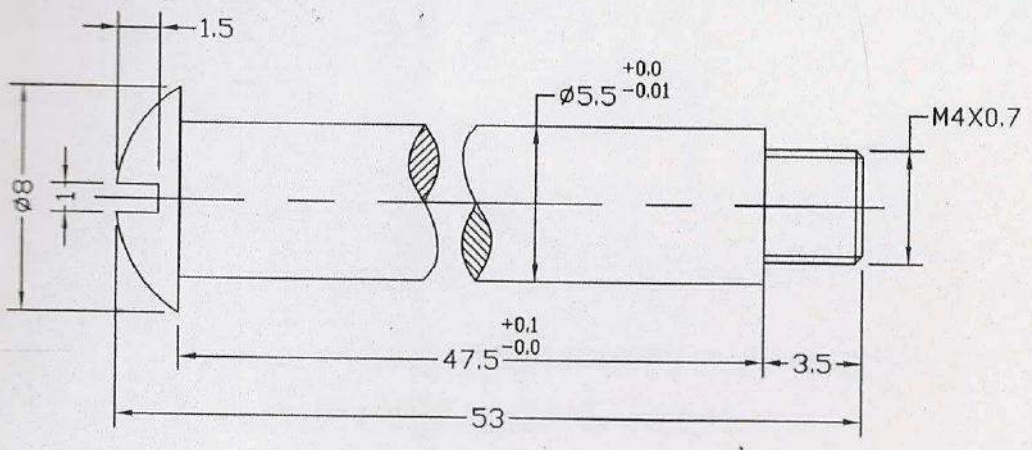
SECTION-XX



MATERIAL : MEDIUM CARBON STEEL C-40 AS PER IS: 7226-1974
 IN ANNEALED CONDITION.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS
 OF 20 μ .
 MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 1:1				ADRDE AGRA	DRN.	PANKAJ	Sudakar Prasad		
DIMENSIONS IN mm				GROUP:- PAS	CHD.	J.C.DUTTA	Sudakar Prasad PROJ.DOFFR./GROUP OFFICER		
TOL:- IS: 2102 (Pt-I) 1993 MEDIUM				<p style="text-align: center;">BUCKLE-III</p> <p style="text-align: center;">QUICK RELEASE LOCK .TP WITH BUCKLES</p>			APPROVED		
MATERIAL:- AS ABOVE							<p style="text-align: center;">PROJ.DIRECTOR./GROUP DIRECTOR</p> <p style="text-align: center;">DRG. No.</p> <p style="text-align: center;">ADRDE/PAS/2007/16</p>		
FINISH:- AS ABOVE									
HEAT TREATMENT:-									

24



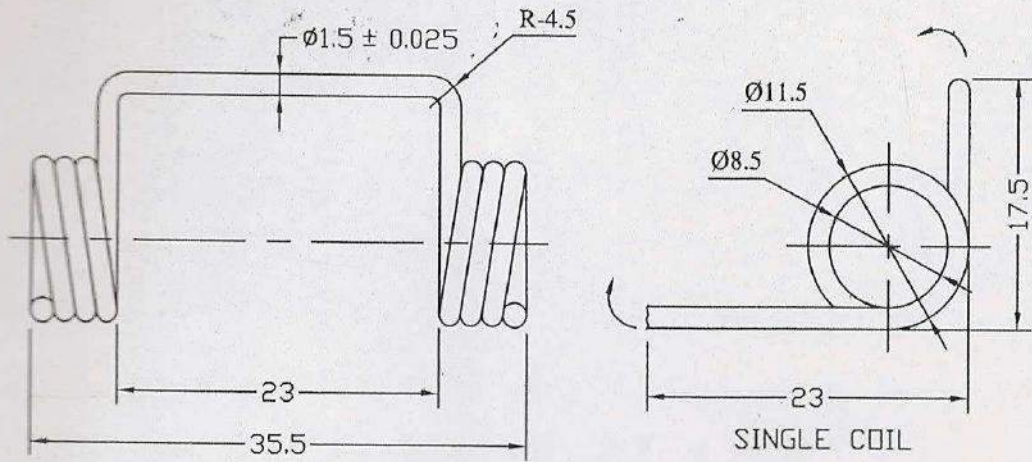
1-OFF

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MATERIAL : STEEL FOR HARDENING AND TEMPERING AS PER IS: 5517-1993
 DESIGNATION 40 NI 6 CR 4 M03.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATE TO A THICKNESS
 OF 20μ.
 MFG. PROCESS : GENERAL ENGG. PROCESS.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 4 : 1			ADRDE AGRA	DRN.	PANKAJ	Sudhakar Prasad			
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA	Sudhakar Prasad PROJ.OFFR./GROUP OFFICER			
TOL:- IS:2102 (Pt.-I) 1993 MEDIUM			THREADED PIN QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED			
MATERIAL:- AS ABOVE						PROJ.DIRECTOR./GROUP DIRECTOR DRG. No. ADRDE/PAS/2007/16			
FINISH:- AS ABOVE									
HEAT TREATMENT:-									

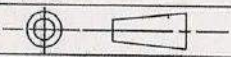
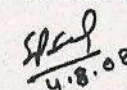
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11.8.08



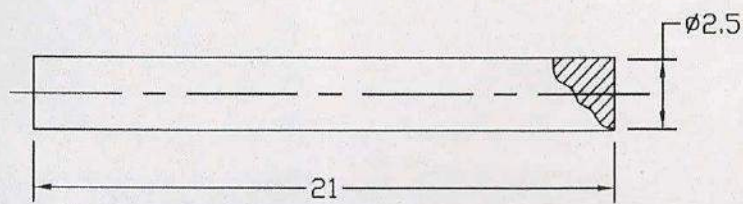
1-OFF

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- MATERIAL : SPRING STEEL WIRE AS PER IS:4454 (PART I) 2001 GRADE SM.
- FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED TO A THICKNESS OF 20 μ .
- EMBRITTLMENT RELEASE : SPRING AFTER PLATING SHALL BE MAINTAINED AT A TEMPERATURE OF 150°-200°C FOR HALF AN HOUR MIN. TO REMOVE HYDROGEN EMBRITTLMENT.
- ACCEPTANCE TEST : COMPRESS THE SPRING 60° IN THE DIRECTION SHOWN IN FIG. FOR HALF AN HOUR. IT SHALL SHOW NO SIGN OF PERMANENT DEFORMATION AFTER REMOVAL OF LOAD.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD		PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD			
SCALE:- 2 : 1			ADRDE AGRA	DRN.	PANKAJ	Sudhakar Prasad Sudhakar Prasad PROJ.OFFR./GROUP OFFICER					
DIMENSIONS IN mm			GROUP:- PAS	CHD.	J.C.DUTTA						
TOL:-			SPRING (MAIN) QUICK RELEASE LOCK TP WITH BUCKLES			APPROVED					
MATERIAL:- AS ABOVE									 4.8.08 PROJ.DIRECTOR./GROUP DIRECTOR		
FINISH:- AS ABOVE									DRG. No.		
HEAT TREATMENT:-									ADRDE/PAS/2007/16		

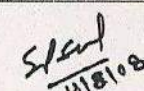
26



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MATERIAL : MILD STEEL ROUND BAR AS PER IS:2062-2006 GRADE E300.
 FINISH : TO BE FINISHED SMOOTH AND ZINC PLATED
 TO A THICKNESS OF 20 μ .
 MFG. PROCESS : GENERAL ENGG. PROCESS.
 NOTE : ALL SHARP EDGES TO BE ROUNDED.

Rev.No	DATE	ZONE	AUTHORITY	BRIEF RECORD			PROJ. OFFR.	<input type="checkbox"/> I/C CAD	GROUP HEAD
SCALE:- 4 : 1	A D R D E AGRA			DRN.	PANKAJ	Sudhakar Bansal			
DIMENSIONS IN mm	GROUP:- PAS			CHD.	J.C.DUTTA	Sudhakar Bansal PROJ.OFFR./GROUP OFFICER			
TOL:- IS: 2102 (Pt-I) 1993 MEDIUM	PIN (LARGE) 'QUICK RELEASE LOCK' TP WITH BUCKLES			APPROVED			 4/18/08 PROJ.DIRECTOR./GROUP DIRECTOR		
MATERIAL:- AS ABOVE				DRG. No.					
FINISH:- AS ABOVE				ADRDE/PAS/2007/16					
HEAT TREATMENT:-									
