

c	28-6-19	QMS/PG/PAS/44/A	AMENDED AS PER CHANGE SHEET No. 201		
R.No.	DATE	ZONE	AUTHORITY	BRIEF RECORD	O/I/C HEAD

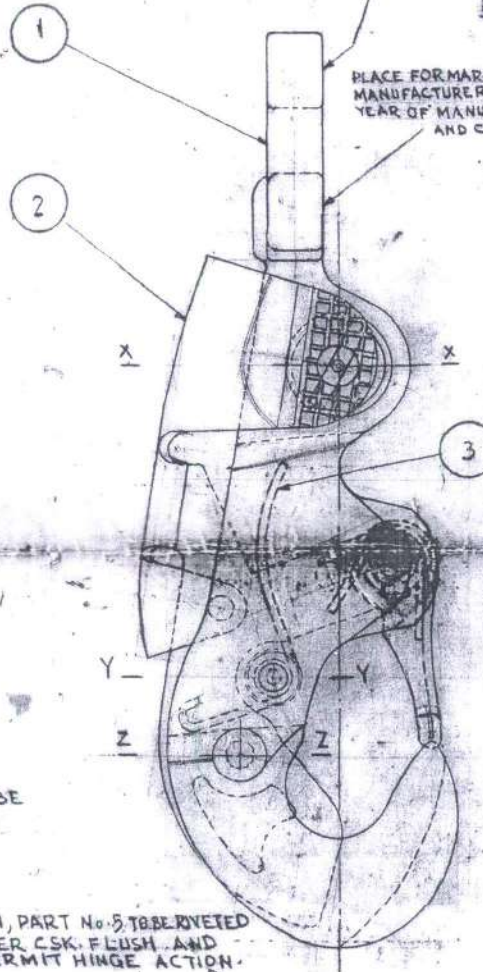
SECTION-XX

PROOF LOAD:- 11180 N (1140 Kg)

PLACE FOR INSPECTION-MARKING

PERFORMANCE TEST:-

PULL REQUIRED TO LIFT LEVER FROM BALL WITHOUT LOAD IS 26N (2.7kg) MAX. LEVER WILL SEAT ON BALL WITH PUSH OF 88N (9kg) MAX SNAP SHALL ACCEPT 7.14mm BAR SHOULD LOCK ON A RELEASE FULL SWING SHUT.



PACKING:- EACH HOOK SNAP QUICK EJECTOR SHALL BE WRAPPED IN TISSUE PAPER AND 10 NOS. THUS WRAPPED BE PACKED IN A SUITABLE CARTON. 50 NOS. OF SUCH CARTONS SHALL BE PACKED IN A C.W.P. (DULY LINED WITH PAPER PACKING WATER PROOF). ONE SAMPLE IN EACH CARTON SHALL BE IDENTIFIED BY A LABEL SHOWING CAT. No., DESIGNATION OF THE STORE AND ALSO THE RECOGNISED INITIALS OF THE MANUFACTURER'S. EACH CARTON SHALL BE MARKED WITH THE INITIALS OF THE MANUFACTURER.

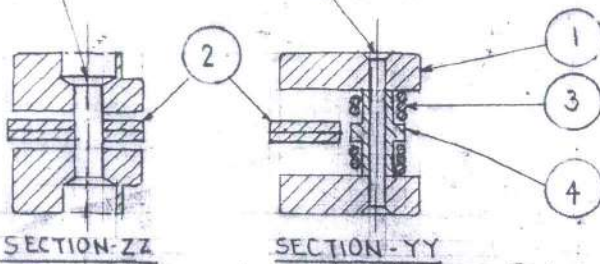
- BEFORE DESPATCH EACH PACKING CASE SHALL BE LEGIBLY AND INDELIBLY MARKED WITH THE FOLLOWING DETAILS :-
- (i) NOMENCLATURE, CAT. No. OF THE STORE AND THE YEAR OF MANUFACTURE.
 - (ii) TOTAL No. OF THE PACKING CASES AND THE NUMBER OF THE INDIVIDUAL PACKING CASE IN A CONSIGNMENT.
 - (iii) NO. OF CARTONS IN EACH PACKING CASE AND THE QTY. IN EACH CARTON.
 - (iv) MASS OF THE PACKING CASE IN KG.
 - (v) ADDRESS OF THE CONSIGNEE.
 - (vi) ADDRESS OF THE CONSIGNOR.

DETAIL INDEX

DETAIL/PART No.	SHEET No.	NOMENCLATURE	No. OF
-	1	ASSEMBLY, PERFORMANCE TEST, PACKING CLAUSE	-
1	2	HOOK, BODY	1
1-A	3	SPHERICAL BALL	1
1-B	4	SPRING	1
1-C	3	SCREWED CAP	1
2	5-9	CLIP	1
3	10	U SPRING LARGE	1
4	10	PIN SLEEVE	1
5	+	PIN, STEEL, 1.6 mm ϕ (CADMIUM PLATED) TO IS:	+
5	+	PIN STEEL, 2.5 mm ϕ (CADMIUM PLATED) TO IS:	+
5	1	PIN STAIN LESS STEEL GRADE AISI-304 1.6 mm ϕ	1
6	1	PIN STAIN LESS STEEL GRADE AISI-304 2.5 mm ϕ	1

PIN, PART No. 6 TO BE RIVETED OVER CSK.

PIN, PART No. 5 TO BE RIVETED OVER CSK. FLUSH AND PERMIT HINGE ACTION.



SECTION-ZZ

SECTION-YY

ASSEMBLY

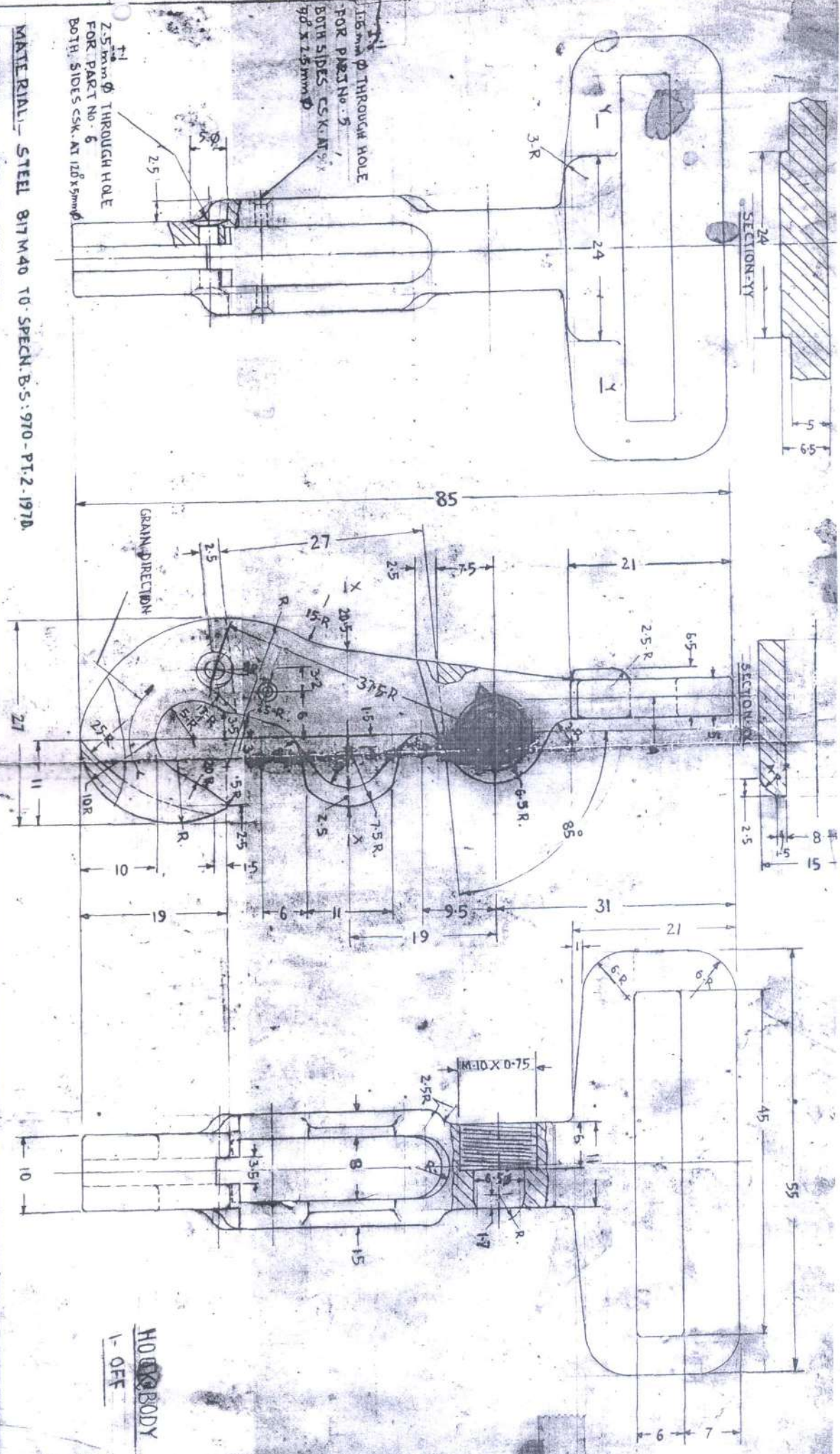
COUNTER SIGNED	DATE	NAME
DGN.		
DRN		
CHD	24/8	
TRD		
COL		
DIRECTOR,		
ADRDE, AGRA		
COMP		
PRO OFFR	14/57	
SCALE	2:1	

HOOK SNAP QUICK EJECTOR (FOR PERSONNEL PARACHUTE)

THIRD ANGLE PROJECTION

APPROVED
PRO. PRO. DIR.

PROY. (c)
DRG No. ADRDE/1210 (a) (b)



MATERIAL - STEEL 817M40 TO SPECN. B.S. 970 - PT. 2-1970.

HARDNESS - 350 TO 400 V.P.N.

PROOF LOAD - 1180 N (1140kg)

FINISH: TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPECN. IS 1572-1968, CD12

EMBEZZLEMENT RELEASE: HOOKS, AFTER CADMIUM PLATED AND PROOF TESTED, SHALL BE MAINTAINED AT A TEMP. OF 150 $^{\circ}$ - 200 $^{\circ}$ C FOR NOT LESS THAN HALF AN HOUR TO REMOVE HYDROGEN EMBRITTLEMENT. DIMENSIONS TO 2 mm EXCEPT WHERE OTHERWISE SPECIFIED.

COUNTERSIGNED: DIRECTOR, ADDE/AGRA

SN	DATE	NAME

HOOK SNAP QUICK EJECTOR
 (FOR PERSONNEL PARACHUTE)

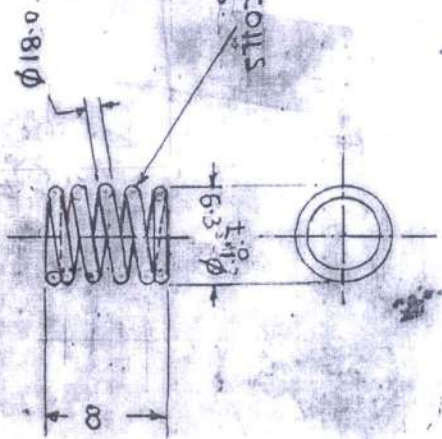
HOLDER BODY
 1 - OFF

THIRD ANGLE PROJECTION
 DIMENSIONS IN MILLIMETRES
 APPROVED: [Signature]
 PROV. (c)
 DRG. No. ADDE/1210 (A/A)

09/17/57

1-B

3. EFFECTIVE COILS WITH TWO ENDS



SPRING

I-OFF

MATERIAL - STEEL SPRING WIRE TO SPECIFICATION 1.25-1.56, B.S. 1408M-1, 0.81 mm ϕ

HARDNESS -

SPRING RATE - 3 ± 0.25 kg.

FINISH - TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPEC. IS: 1572-1958, CD 12.

EMBRITTEMENT RELEASE - SPRINGS, AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP. OF 150° - 200° C FOR HALF AN HOUR TO REMOVE HYDROGEN EMBRITTEMENT TOLERANCES: ± 0.2 mm EXCEPT WHERE OTHERWISE SPECIFIED

HOOK SNAP QUICK EJECTOR (FOR PERSONNEL PARACHUTE)

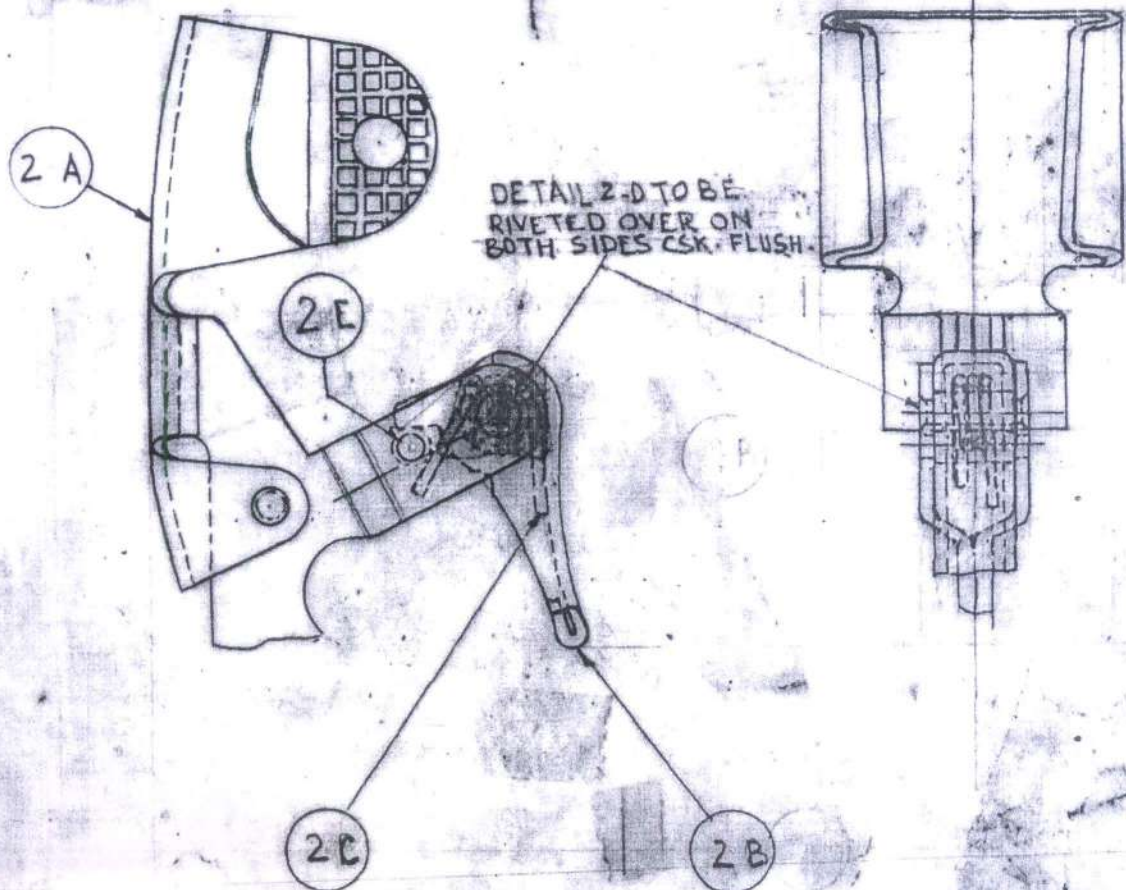
COUNTERSIGNED	DATE	NAME
DGN		
DRN		
CHD	12-11-58	h
TRD		
COMP		
AD/DO		
PROVFR		

SCALE: 2:1

COL. DIRECTOR, ADRDE, AGRA

THIRD ANGLE PROJECTION
DIMENSIONS IN MILLIMETRES
APPROVED
PROV. (c)
DRG No. ADRDE/1210(a)(b)

00/127/77



CLIP (SUB-ASSEMBLY)

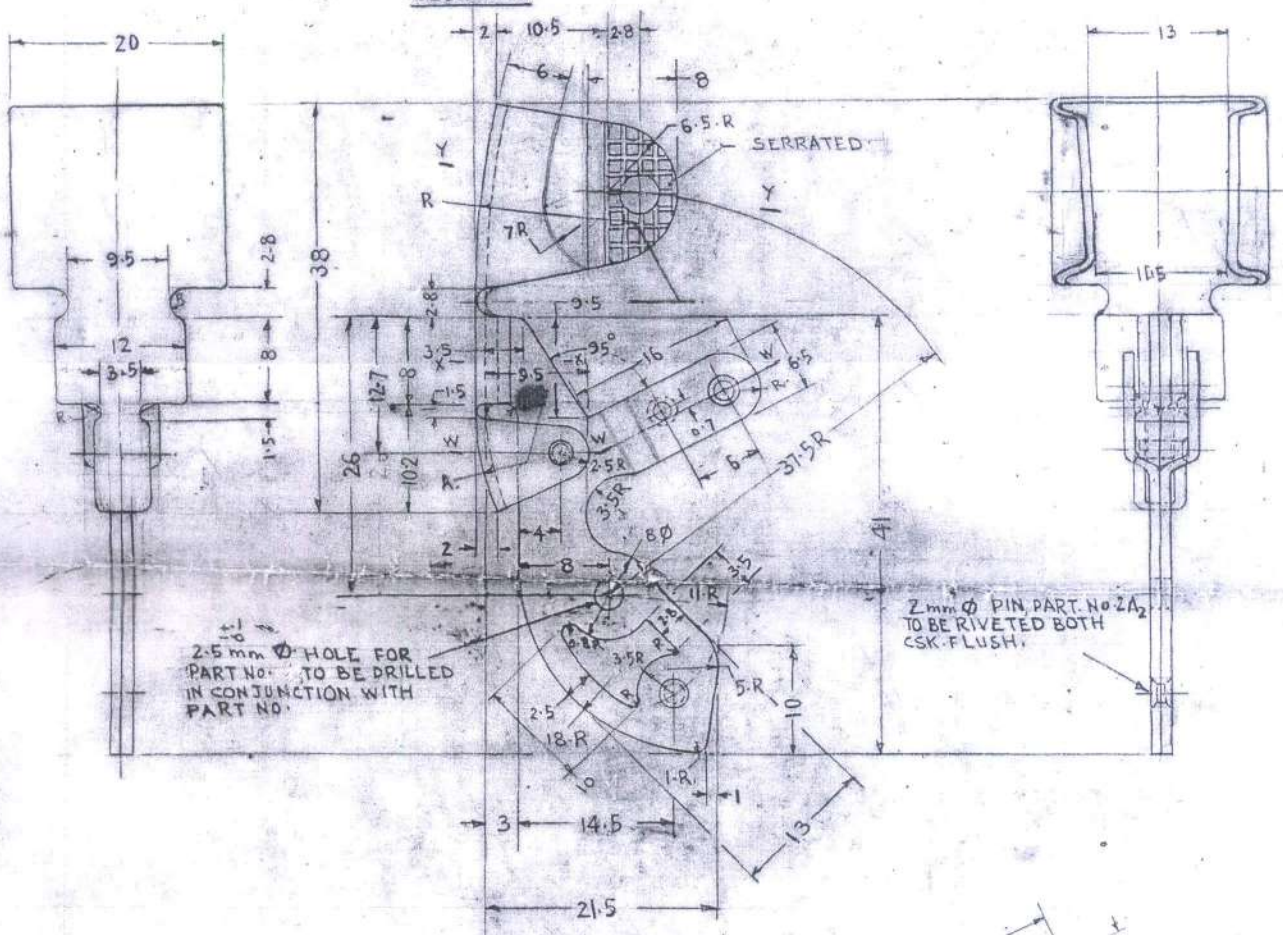
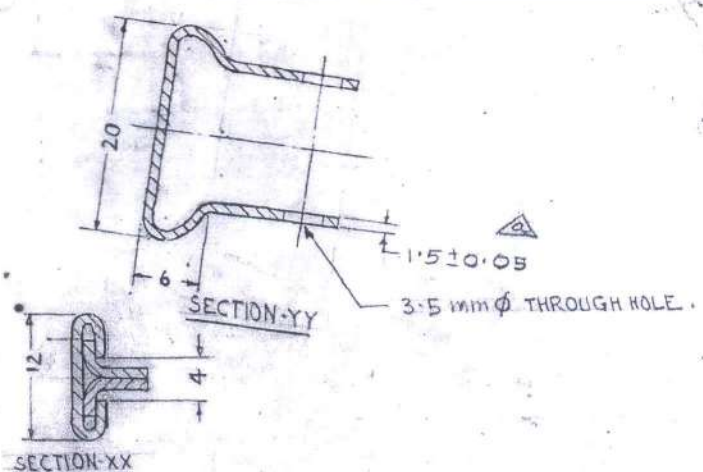
1- OFF

DETAIL INDEX

DETAIL/PART No.	SHEET No	NOMENCLATURE	No. OFF
2	5	CLIP (SUB-ASSEMBLY)	1
2-A	6	CLIP BODY	1
2-A1	6	PIN, STEEL, 1.5 mm ϕ TO IS:	1
2-A2	6	PIN, STEEL, 2 mm ϕ TO IS:	1
2-B	7	PRESS CLIP	1
2-C	8	SPRING FOR PRESS CLIP	1
2-D	9	SPACER, LARGE	1
2-E	9	SPACER, SMALL	1

COUNTERSIGNED DIRECTOR, ADRDE; AGRA	DGN.	DATE	NAME	HOOK SNAP QUICK EJECTOR (FOR PERSONNEL P'CHUTE)	THIRD ANGLE PROJECTION
	DRN				APPROVED
	CHD	12-1-58	[Signature]		[Signature]
	TRD				PRODIR
	COMP				PROV. (c)
	PROFFER	21/4/58	[Signature]		DRG No. ADRDE/1210(a)(b)

SCALE: - 2:1



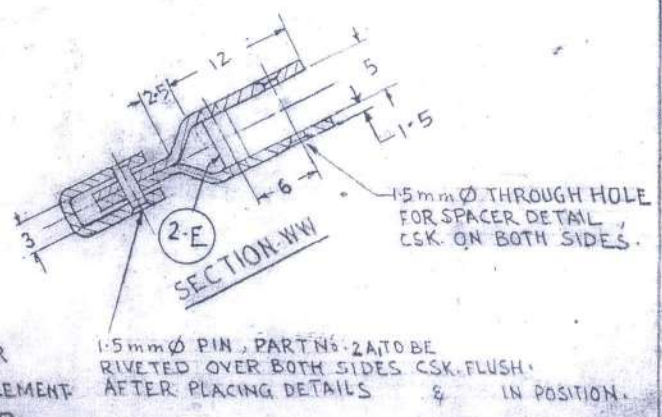
CLIP BODY
1-OFF

MATERIAL: SPRING STEEL TO BS:1449-EN-43J.
HARDNESS: 400-450 VPN.

FINISH: TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MIN. THICKNESS OF 0.012mm AND CHROMATE PASSIVATED AS PER SPECN: 1.5.1572-1968, cd 12.

EMBRITTLMENT RELEASE: CLIPS, AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION, SHALL BE MAINTAINED AT A TEMP. OF 150°-200°C FOR HALF AN HOUR TO REMOVE HYDROGEN EMBRITTLMENT.

TOLERANCES: ±0.2mm EXCEPT WHERE OTHERWISE SPECIFIED.



Q	27/6/2K	PAS/223/A/23	TOLERANCE 0.05 INCLUDED
R/No.	DATE	AUTHORITY	BRIEF RECORDED

COUNTERSIGNED	DGN		
	DRN		
	CHD	1.1.19	✓
	TRD		
	COMP		
	GO	16.5.72	✓
	PRO OFF	21/4/72	SSM
DIRECTOR, ADRDE, AGRA		SCALE 1-2.1	

HOOK SNAP QUICK EJECTOR
(FOR PERSONNEL PARACHUTE)

THIRD ANGLE PROJECTION
DIMENSIONS IN MILLIMETRES
APPROVED
PROD'DR.
PROV (c)
DRG No. ADRDE/1210/1/1/1

MATERIAL: SPRING STEEL TO B.S. 1449 - EN-43J

2-B

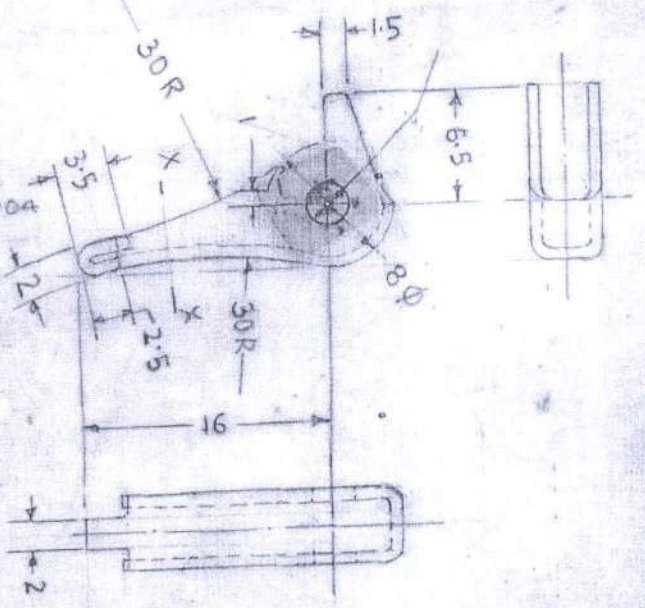
HARDNESS: - 400 TO 450 VPN

FINISH: - TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPECN. IS: 1572-1968, cd.12.

EMBRIITLEMENT RELEASE: - CLIPS, AFTER CADMIUM PLATING AND PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP. OF 150° - 200°C FOR HALF AN HOUR TO REMOVE HYDROGEN EMBRIITLEMENT.

TOLERANCES: - ±0.2 mm EXCEPT WHERE OTHERWISE SPECIFIED.

3mm φ CLEAR THROUGH HOLE FOR DETAIL



PRESS CLIP
1-OFF

SECTION XX

R.No.	DATE	AUTHORITY	TOLERANCE	BRIEF RECORDED
Q	17/6/2K	PAS/223/A/23	0.04 INCLUDED	

COUNTER SIGNED

DIRECTOR,
ADDRDE, AGRA

DGN	DATE	NAME
DRN		
CHD		
TRD		
COMP		
G.O.	16-3-91	
PRO. DIR.	21/4/91	

SCALE: 1:2.1

HOOK SNAP QUICK EJECTOR
(FOR PERSONNEL PARACHUTE)

THIRD ANGLE PROJECTION	HEAD
	DRG
DIMENSIONS IN MILLIMETRE	
APPROVED	
PROV. (c)	
DRG No. ADDRDE/1210(2/10)	

STAINLESS STEEL WIRE

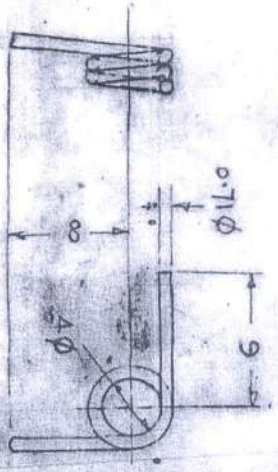
2.C

GRADE A1S1302
 MATERIAL STEEL SPRING MUSIC WIRE TO SPECN.
 B5:1408 M: 2:0711 mm.

FINISH - TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MIN. THICKNESS
 OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPECN. 15:1572-1968
 CD12.

EMBRTTLEMENT RELEASE - SPRINGS, AFTER CADMIUM PLATED AND
 PRIOR TO CHROMATE PASSIVATION SHALL BE MAINTAINED
 AT A TEMP OF 150-200°C FOR NOT LESS THAN HALF AN HOUR
 TO REMOVE HYDROGEN EMBRTTLEMENT.

TOLERANCES - TO 2 mm EXCEPT WHERE OTHERWISE SPECIFIED.



SPRING FOR PRESS CLIP

1-05F

COUNTER SIGNED

DIRECTOR,
 ADDRDE, AGRA

DCGN	DRN	CHD	TRD	COMP	DATE	NAME

SCALE - 2:1

HOOK SNAP QUICK EJECTOR
 (FOR PERSONNEL PARACHUTE)

THIRD ANGLE PROJECTION

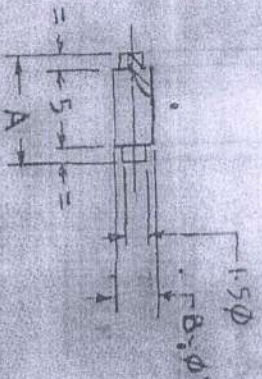
DIMENSIONS IN MILLIMETRES

APPROVED

[Signature]
 PRADIR

PROV. (c)

DRG No. ADDRDE/1210(2/15)



SPACER LARGE _____ DETAIL
 SPACER SMALL _____ DETAIL

TABLE OF DIMENSIONS

DETAIL No.	A	B- ϕ	No. OFT
2D	8.5	3	1
2E	7	2.5	1

COUNTERSIGNED

DATE NAME

DIRECTOR,
 ADDRDE, AGRA

DGN: _____
 DRN: _____
 CHD: 12/15 ✓
 TRD: _____
 COMP: _____
 G.O. 16-5-97 9/00
 PRO. OFFER 21/11/67 28/11/67
 SCALE: 2:1

(HOOK SNAP QUICK EJECTOR)
 (FOR PERSONNEL PARACHUTE)

MATERIAL - MILD STEEL TO SPECN. IS: 226-1969
 OR STAINLESS STEEL,
 HARDNESS- 200-220 V.P.N.
 FINISH - TO BE FINISHED SMOOTH AND MILD STEEL COMP. TO BE CADMIUM
 PLATED TO A MIN. THICKNESS OF 0.012 mm AND CHROMIATE
 PASSIVATED AS PER SPECN. IS: 1572-1968, Cd. 12

TOLERANCES - TO 2 mm EXCEPT WHERE OTHERWISE SPECIFIED.

2-D
 2-E

THIRD ANGLE PROJECTION

DIMENSIONS IN MILLIMETRES

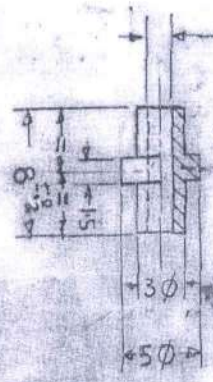
APPROVED

PROV. (e)
 DRG No. ADDRDE/1210(A)/97

20/12/57

4

+1.6 mm ϕ HOLE FOR PIN, PART NO.



PIN SLEEVE L-OFF

MATERIAL - MILD STEEL TO SPECN. IS: 226-1969 OR STAINLESS STEEL

HARDNESS - 200-220 V.P.N.

FINISH - TO BE FINISHED SMOOTH AND MILD STEEL COMP. TO BE CADMIUM PLATED TO A MIN. THICKNESS OF 0.012 mm AND ALUMINATE PASSIVATED AS PER SPECN. IS: 1572-1958, CD12.

TOLERANCES - ± 0.2 mm EXCEPT WHERE OTHERWISE SPECIFIED

COUNTERSIGNED

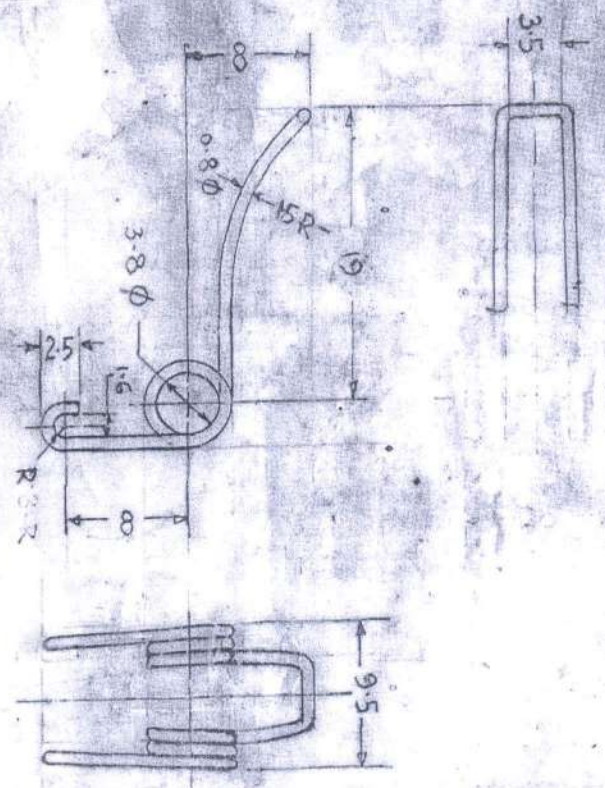
DIRECTOR, ADPDE, AGRA.

DESIGN	DATE	NAME
DGN		
DRN		
CAD		
TRD		
COMP		
50	16/12/11	[Signature]
PROVER	21/11/11	[Signature]
SCALE	1:2:1	

HOOK SNAP QUICK EJECTOR (FOR PERSONNEL PARACHUTE)

SHEET 10 OF 10

3



U SPRING LARGE L-OFF

MATERIAL - STEEL SPRING MUSIC WIRE TO SPECN. BS: 1408 M: 2: 0-83

HARDNESS - STAINLESS STEEL WIRE GRADE AISI 302

FINISH - TO BE FINISHED SMOOTH CADMIUM PLATED TO A MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPECN. IS: 1572-1968, CD12. EMBRITTLEMENT RELEASE - SPRINGS, AFTER CADMIUM PLATING AND PROPER TO CHROMATE PASSIVATION SHALL BE MAINTAINED AT A TEMP. OF 150-200°C FOR NOT LESS THAN HALF AN HOUR TO REMOVE HYDROGEN EMBRITTLEMENT. TOLERANCES - ± 0.2 mm EXCEPT WHERE OTHERWISE SPECIFIED.

THIRD ANGLE PROJECTION

DIMENSIONS IN MILLIMETRES

APPROVED

[Signature] PRODIPR/DRN

PROV (c)

DRG No. ADPDE/1210 (A/1/11)

00/12/11