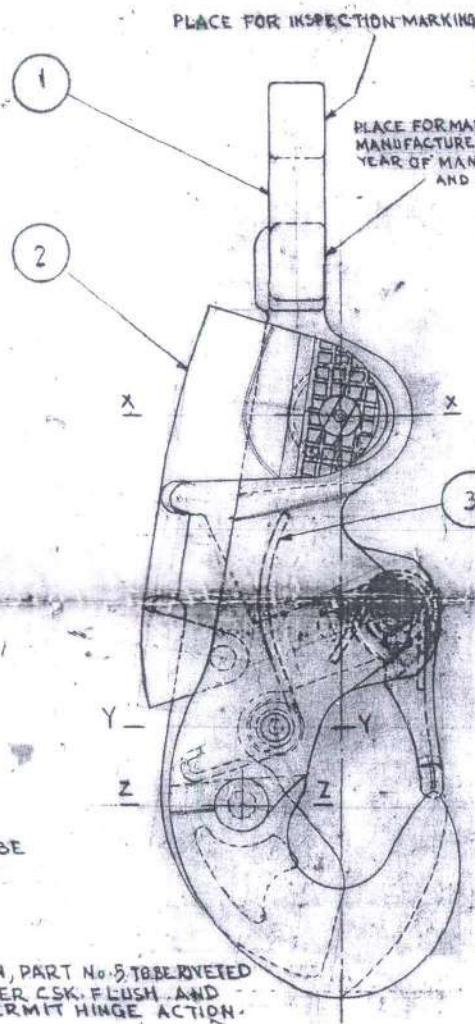


c	28-6-19	QMS/PG/PAS/44/A	AMENDED AS PER CHANGE SHEET No. 201		
R.No.	DATE	ZONE	AUTHORITY	BRIEF RECORD	O/I/C HEAD

SECTION-XX

PROOF LOAD:- 11180 N (1140 Kg)



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.

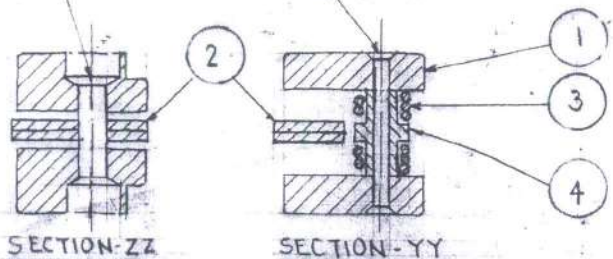
PACKING:- EACH HOOK SNAP QUICK EJECTOR SHALL BE WRAPPED IN TISSUE PAPER AND 10 NOS. THUS WRAPPED BE PACKED IN A SUITABLE CARTON 50 NOS. OF SUCH CARTONS SHALL BE PACKED IN A C.W.P. (DULY LINED WITH PAPER PACKING WATER PROOF). ONE SAMPLE IN EACH CARTON SHALL BE IDENTIFIED BY A LABEL SHOWING CAT.No., DESIGNATION 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 $\phi$ (CADMIUM PLATED) TO IS:	+
5	+	PIN STEEL, 2.5 mm $\phi$ (CADMIUM PLATED) TO IS:	+
5	1	PIN STAIN LESS STEEL GRADE AISI-304 1.6 mm $\phi$	1
6	1	PIN STAIN LESS STEEL GRADE AISI-304 2.5 mm $\phi$	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

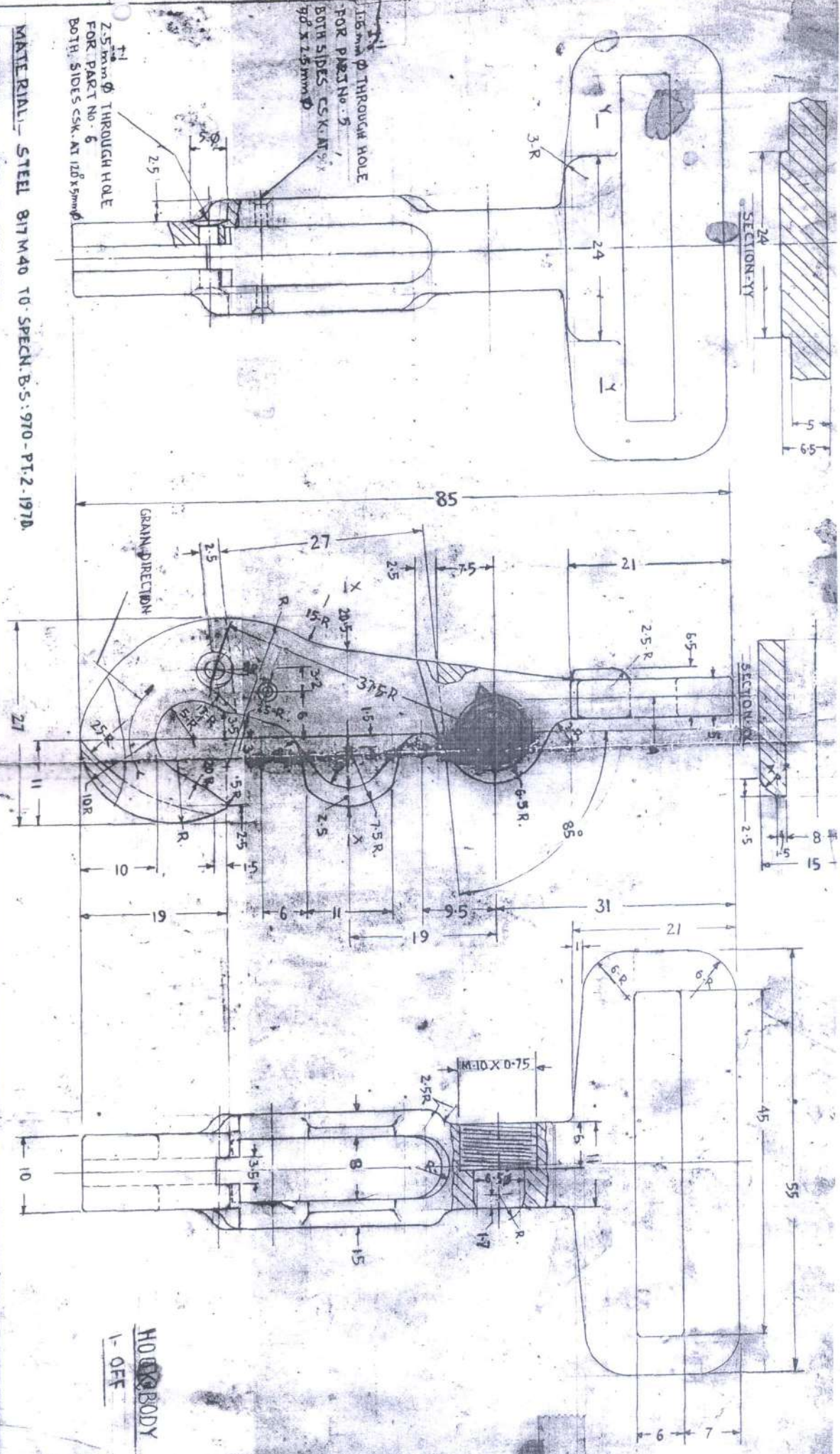
ASSEMBLY

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

HOOK SNAR QUICK EJECTOR (FOR PERSONNEL PARACHUTE)

THIRD ANGLE PROJECTION
APPROVED
PRO. PRO. DIR
PROY. (c)
DRG No. ADRDE/1210 (2/10)





1.5mm  $\phi$  THROUGH HOLE  
FOR PART NO. 5  
BOTH SIDES CSK. AT 90° X 2.5mm  $\phi$

2.5mm  $\phi$  THROUGH HOLE  
FOR PART NO. 6  
BOTH SIDES CSK. AT 120° X 5mm  $\phi$

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°-200° FOR NOT LESS THAN HALF AN HOUR TO REMOVE HYDROGEN EMBEZZLEMENT. DIMENSIONS TO 2 mm EXCEPT WHERE OTHERWISE SPECIFIED.

COUNTERSIGNED: DIRECTOR, ADRDE, AGRA

SN	DATE	NAME

HOOK SNAP QUICK EJECTOR  
(FOR PERSONNEL PARACHUTE)

HOOK BODY  
1 - OFF

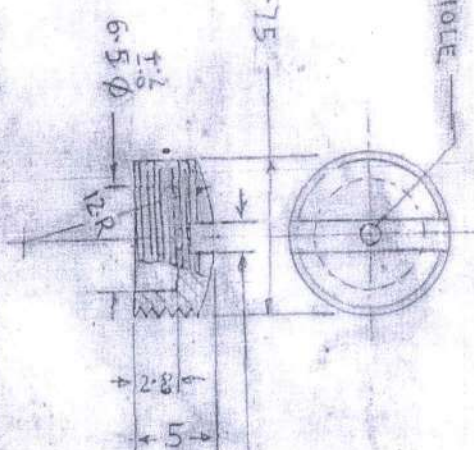
THIRD ANGLE PROJECTION  
DIMENSIONS IN MILLIMETRES  
APPROVED: [Signature]  
PROV. (c)  
DRG. No. ADRDE/1210 (A/A)

09/17/57



1.5mm Ø HOLE

M10 X 0.75



SCREW DRIVER SLOT  
1.5mm WIDE X 1.5mm DEEP

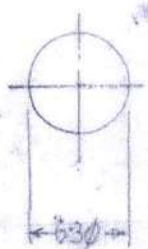
1-OFF

SCREWED CAP

MATERIAL:- RUST ACID AND HEAT RESISTING STEEL WIRE TO  
SPECN. B.S:1554-1949  
OR MILD STEEL TO SPECN. IS:226-1969

FINISH:- TO BE FINISHED SMOOTH AND MILD STEEL COMP.  
TO BE CADMIUM PLATED TO A MIN. THICKNESS OF .012mm  
AND CHROMATE PASSIVATED AS PER SPECN. IS:1572-  
1968, cd-12.  
TOLERANCES:- ± 0.2mm EXCEPT WHERE OTHERWISE SPECIFIED.

1-C



SPHERICAL BALL

1-OFF

MATERIAL:- HIGH CARBON CHROMIUM ALLOY  
STEEL BALL AS PER ASTM A681-08 T30403 TYPE D3.

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

SHEET 3 OF 10

1-A

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

COUNTERSIGNED

DGN.	DATE	NAME
DRN		
CHD		
TRD		
COMP		

DIRECTOR,  
ADRDE, AGRA

HOOK SNAP QUICK EJECTOR  
(FOR PERSONNEL PARACHUTE)

SCALE:- 2:1

PROV. (c)  
DRG No. ADRDE/1210 (A)(B)

THIRD ANGLE PROJECTION  
DIMENSIONS IN MILLIMETRES  
APPROVED  
PRO DIR

Doc/127177



1-B

MATERIAL - STEEL SPRING WIRE TO SPECIFICATION 125-1556

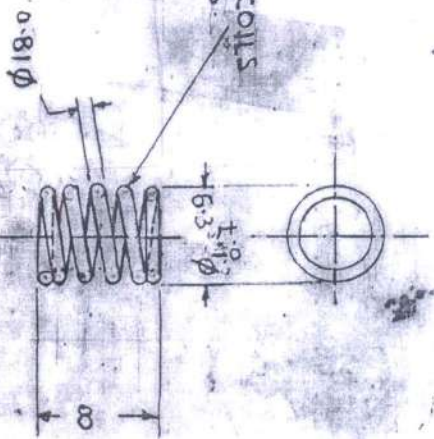
HARDNESS - B.5, 1408M - 1, 0.81 mm  $\phi$

SPRING RATE -  $3 \pm 0.25$  kg.

FINISH - TO BE FINISHED SMOOTH, CADMIUM PLATED TO A MIN. THICKNESS OF 0.012 mm AND CHROMATE PASSIVATED AS PER SPEC. 15-1572-1958 CD 12.

EMBRITTLEMENT 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 EMBRITTLEMENT TOLERANCES:  $\pm 0.2$  mm EXCEPT WHERE OTHERWISE SPECIFIED

3. EFFECTIVE COILS WITH TWO ENDS



SPRING

1-OFF

COUNTERSIGNED

COL. DIRECTOR, ADRDE, AGRA

DESIGNATION	DATE	NAME
DGN		
DRH		
CHD	12-11-58	h
TRD		
COMP		
AD/DO		
PROV		

SCALE: 2:1

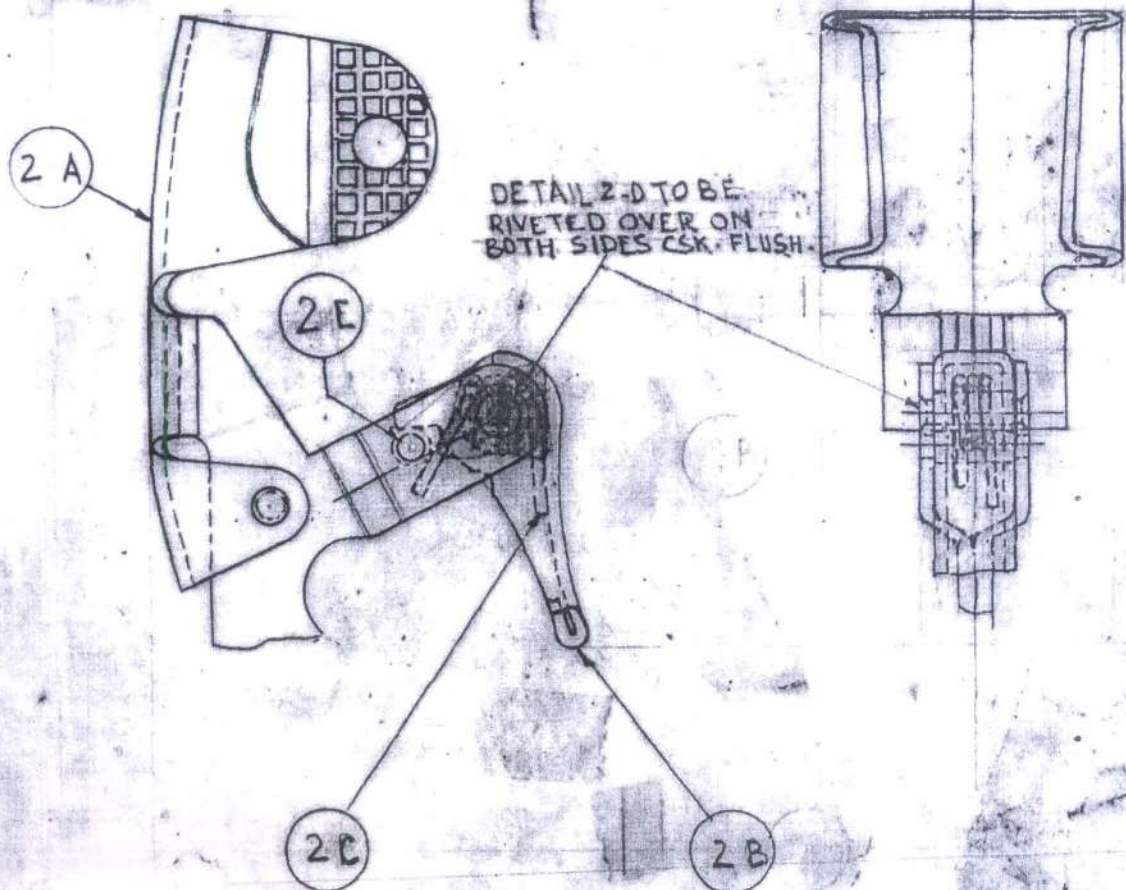
HOOK SNAP QUICK EJECTOR (FOR PERSONNEL PARACHUT)

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

00/127/77



2



**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 $\phi$ TO IS:	1
2-A2	6	PIN, STEEL, 2 mm $\phi$ 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			<i>[Signature]</i>
	TRD				PRODIR
	COMP				PROV. (c)
	PROFFR	21/4/58			DRG No. ADRDE/1210(a)(b)

SCALE: - 2:1







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

(2-B)

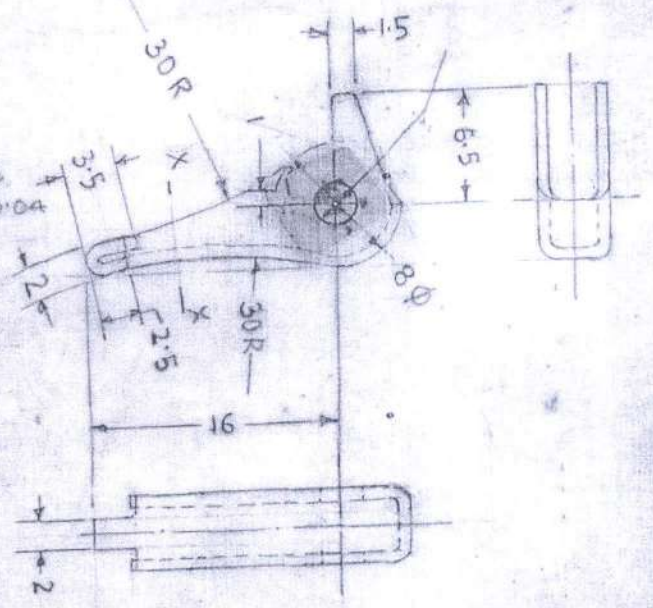
HARDNESS: - 400 TO 450 VPN

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.	Q	DATE	27/6/2K	PAS/223/A/23	TOLERANCE	0.04 INCLUDED
					BRIEF	RECORDED

COUNTER SIGNED

DGN	DRN	CHD	TRD	COMP	15.02	16.3.91	DR
					PRO. DIR	21/4/91	DR

HOOK SNAP QUICK EJECTOR  
(FOR PERSONNEL PARACHUTE)

SCALE: 1:2.1

THIRD ANGLE PROJECTION	0/2	HEAD
DIMENSIONS IN MILLIMETRE		
APPROVED		
PROV. (c)		
DRG No. ADDRDE/1210(2/10)		



STAINLESS STEEL WIRE

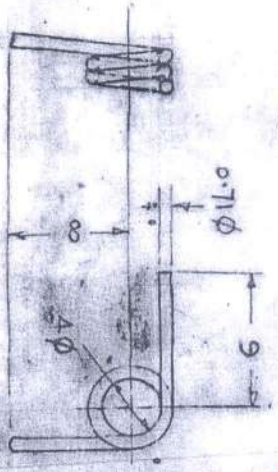
2.C

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	DR. N°	TRD	COMP	DATE	NAME

SCALE - 2:1

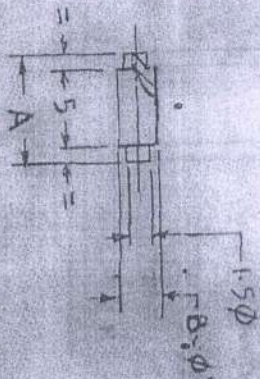
HOOK SNAP QUICK EJECTOR  
 (FOR PERSONNEL PARACHUTE)

THIRD ANGLE PROJECTION  
 DIMENSIONS IN MILLIMETRES

APPROVED  
  
 PRADIR

PROV. (c)  
 DRG No. ADDRDE/1210(2/15)





SPACER LARGE \_\_\_\_\_ DETAIL  
 SPACER SMALL \_\_\_\_\_ DETAIL

TABLE OF DIMENSIONS

DETAIL No.	A	B- $\phi$	No. OFT
2D	8.5	3	1
2E	7	2.5	1

COUNTERSIGNED

DATE NAME

DIRECTOR,  
 ADDRDE, AGRA

DGN.	DRN.	CHD	TRD	COMP.	G.O.	PROVER	SCALE
		12/15			16-5-97	9/00	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 CHROMATE  
 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

*[Signature]*  
 PRCDIR.

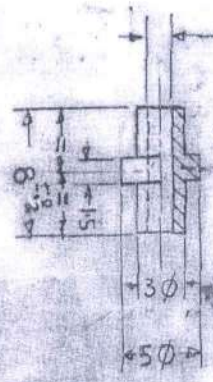
PROV. (e)  
 DRG No. ADDRDE/1210(A)/97

Do/12/57



4

+1  
-0  
1.6 mm  $\phi$  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 ORNATE  
PASSIVATED AS PER SPECN. IS: 1572-1958, CD12.

TOLERANCES -  $\pm 0.2$  mm EXCEPT WHERE OTHERWISE SPECIFIED

COUNTERSIGNED

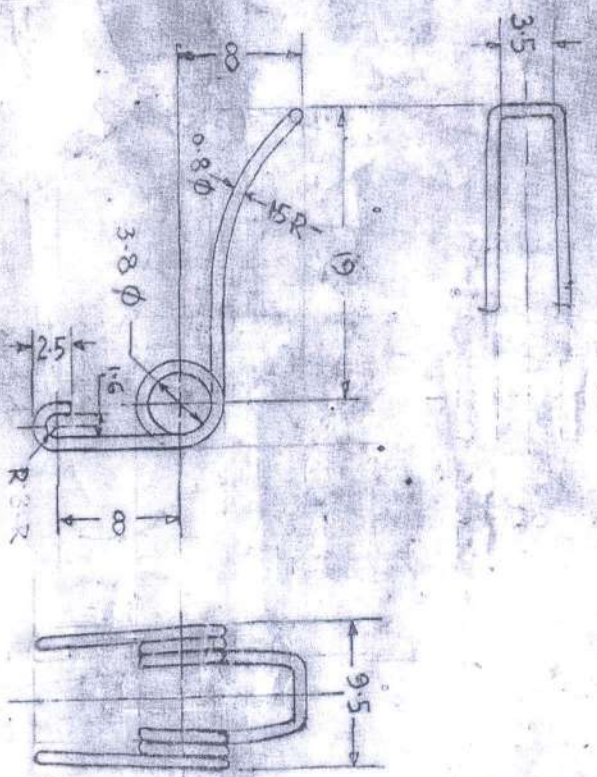
DIRECTOR,  
ADPDE, AGRA.

DATE	NAME
	DGN
	DRN
	CMD
	TRD
	COMP
50.11.58	PRODR

SCALE: 1:1

SHEET 10 OF 10

3



U SPRING LARGE L-OFF

MATERIAL - STEEL SPRING MUSIC WIRE TO SPECN. BS: 1408 M: 2: 0-83  
HARD (b) STAINLESS STEEL WIRE GRADE AISI 302

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

HOOK SNAP QUICK EJECTOR  
(FOR PERSONNEL PARACHUTE)

THIRD ANGLE PROJECTION
DIMENSIONS IN MILLIMETRES
APPROVED
PRODR
PRD (c)
DRG No. ADPDE/1210 (A/1/8)

00/12/77