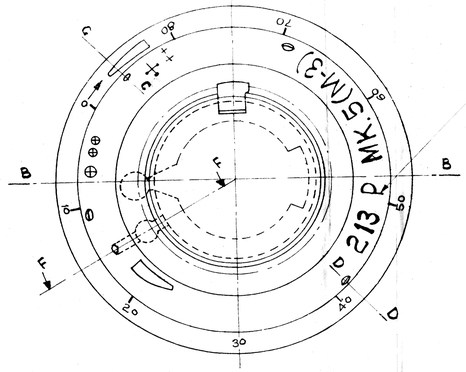
PART Nº 1QX 67 GE

DRG CONVENTIONS CONFORM TO IS: 696

DIMNS ARE IN mm

D.C.I. 33461-A



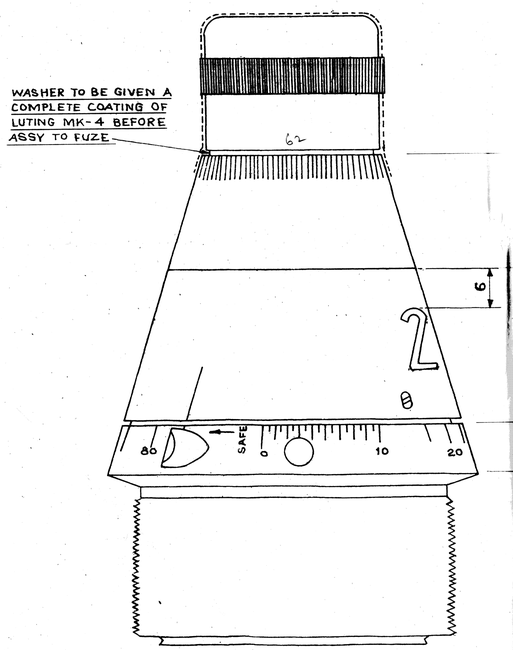
PLAN OF FUZE SET SAFE

LIST OF COMPONENTS

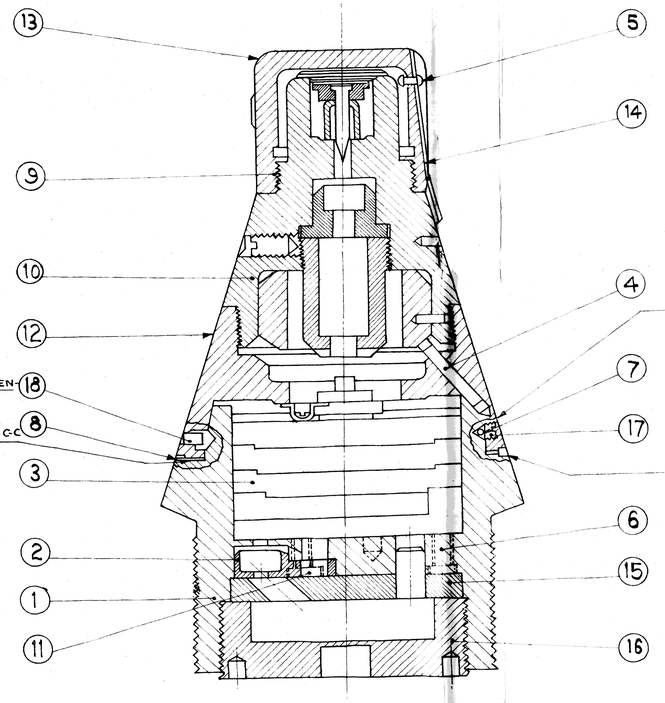
ITEM No.	DESCRIPTION	DRG No	DET. Nº	PART No.	No. PER SET
1	BODY	ARDE 1967	13	1QX 798	1
2	HOLDER, DETONATOR (LOWER)	S5/7802/E/621		QX 1251	1
3	MECHANISM TIME 80 SECONDS No 1A (M-2)	ARDE 1967 DET. 1, 4 SHTS		1QX 79A 4 SHTS	1
4	PIN	L5/8131/E/821		QX 1376	3
5	RIVET SECURING, CAP SPRING	FD 618		QX 201	1
6	SCREW SECURING MECHANISM	D 3 (L) 6911		QX 979	3
7	RING, WIRE	FD 2927		QX 187	1
8	WASHER	FD 2790		QX 188	1
9	WASHER SAFETY CAP	FD 622		QX 207	1
10	HEAD ASSEMBLED	ARDE 1633	10	1QX 56A	1
11	SCREW, DETONATOR HOLDER	D 3 (L) 6905		QX 968	2
12	DOME ASSY	ARDE 1967	14	1QX 80A	1
13	CAP SAFETY (FOR DIE CASTING DESIGN-SEE F.D. 1368 Z)	F.D 894 OR D3 (L) 827/6/174 OR FD1368		QX197 OR QX199 OR QX 198	1
14	SPRING, CAP	F.D 905		QX 200	1
15	POWDER DISC ASSY	D6P-A128 SHT 1/4		1QX 51 A	1
16	MAGAZINE	D6P-A128 SHT 4/4		1QX 580	1

LIST OF COMPONENTS NOT DRAWN

ITEM Nº	DESCRIPTION	SPECIFICATION	No. PER SET.
17	SCREW, GRUB, B A STEEL, FLAT. POINTED Nº 4 H 3.05 – 0.25 LONG.	B.S. 970 En 1A	3
18	PIN, STEEL Ø 2·38 X 3·56 ± 0·127 LONG	B.S. 970 En 1A	1
	SHELLAC LACQUER – APC 211	JSS. 1·6 3·11	AS REQD
	LUTING MK 4 AMMUNITION	IND/MK/361	AS REQD
	APC Nº 5	JSS 8030-20	AS REQD



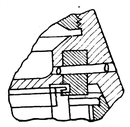
ELEVATION OF FUZE SET SAFE



SECTION B-B

PIN TO BE DRIVEN IN TIGHTLY

PART SECTION C-C



PART SECTION F-F

TENSIONING SCREWS SCREWED EQUALLY ON TO RING SO THAT A TORQUE OF "6·5 – 0 50 Nm" WILL JUST TURN THE DOME BEFORE FULLY TIGHTENING THE TENSIONING SCREWS IT SHOULD BE ENSURED THAT THE DOME ROTATES, BOTH IN THE CLOCKWISE AND ANTI-CLOCKWISE DIRECTIONS WHEN MOVES THROUGH 60° ABOUT THE SAFE POSITION THE SCREWS WILL THEN BE STABBED AND COATED WITH APC Nº 5 TO SPEC JSS 1308

PART SECTION D-D

UNDERSIDE OF HEAD TO BE COATED AND CLEARANCE ROUND HEAD TO BE FILLED WITH ASC Nº 5

NOTES :-

TOLERANCE ON UNTOLERANCED DIMNS FOR ONE DECIMAL PLACE ± 1·3 FOR TWO OR MORE DECIMAL PLACES ± 0·13

ALL BURRS AND SHARP EDGES TO BE REMOVED

WHILE FIXING THE DOME TO THE BODY, IT SHOULD BE ENSURED THAT THE SETTING LINE ON THE DOME IS NOT KEPT IN THE SMALLER ARC BETWEEN GRADUATIONS 80 & 10 ON THE BODY TO AVOID DISLOCATION OF THE PLUNGER BY LUG.

HEAD PORTION OF THE FUZE WILL BE PAINTED (BETWEEN SAFETY CAP AND DOME) WITH APC 224 TO SPEC. JSS 1-63-11, COLOURED RED WITH RHODAMINE 'B' BASE COLOUR INDEX 749 TO SPEC JSS 1036

MARKING ON EMPTY FUZE STAMPED ON DOME :-

‡ Nº AND MARK OF FUZE AND THE FOLLOWING IN 3 mm OR 2·54 mm TYPE. MONOGRAM OF MANUFACTURER

YEAR OF MANUFACTURE & EMPTY LOT Nº (EGXX).

Nº OF MECHANISM (SERIAL).

MONOGRAM OF CONTRACTOR MANUFACTURING CLOCK. YEAR OF MANUFACTURE OF CLOCK.

ARE ONLY NECESSARY IF CLOCK IS MADE BY A SEPARATE CONTRACTOR TO BE COATED WITH SHELLAC LACQUER WHERE MARKED THUS – – – –

RNº	DATE	AUTHORITY	REVISION	ZONE	AHSP	D.O. SIGN
	8-11-82		RETRACED WITHOUT CHANGE			SD/-
			PREV. D.C.Iº 33461-A, 33660-A, 33707-A, 34168-A, 34947-A & 35076-A			

DRG SEALED :- 20-7-83 (PROV)

DRN :- SD/- C.D'MAN | CHD :- SD/- O1/C D.O. | TRD :- | COMP :-

APPD SD/- FOR CQA(A)

MATL :-

PROTECTIVE FINISH :-

SCALE :-

EST. MASS :-

GAUGE SCHD :-

DATE :- 4-3-83

ASSY. DRG 1QX 162 GF

DESIGNER'S REF ARDE 1967 2 SHT 2 SHTS

PART Nº 1QX 67 GE

D.S.CAT Nº 1390-000509

AHSP :- CQA(A) KIRKEE

FUZE, TIME & PERCN; DA Nº 213P, MK5 (M-3) (EMPTY)