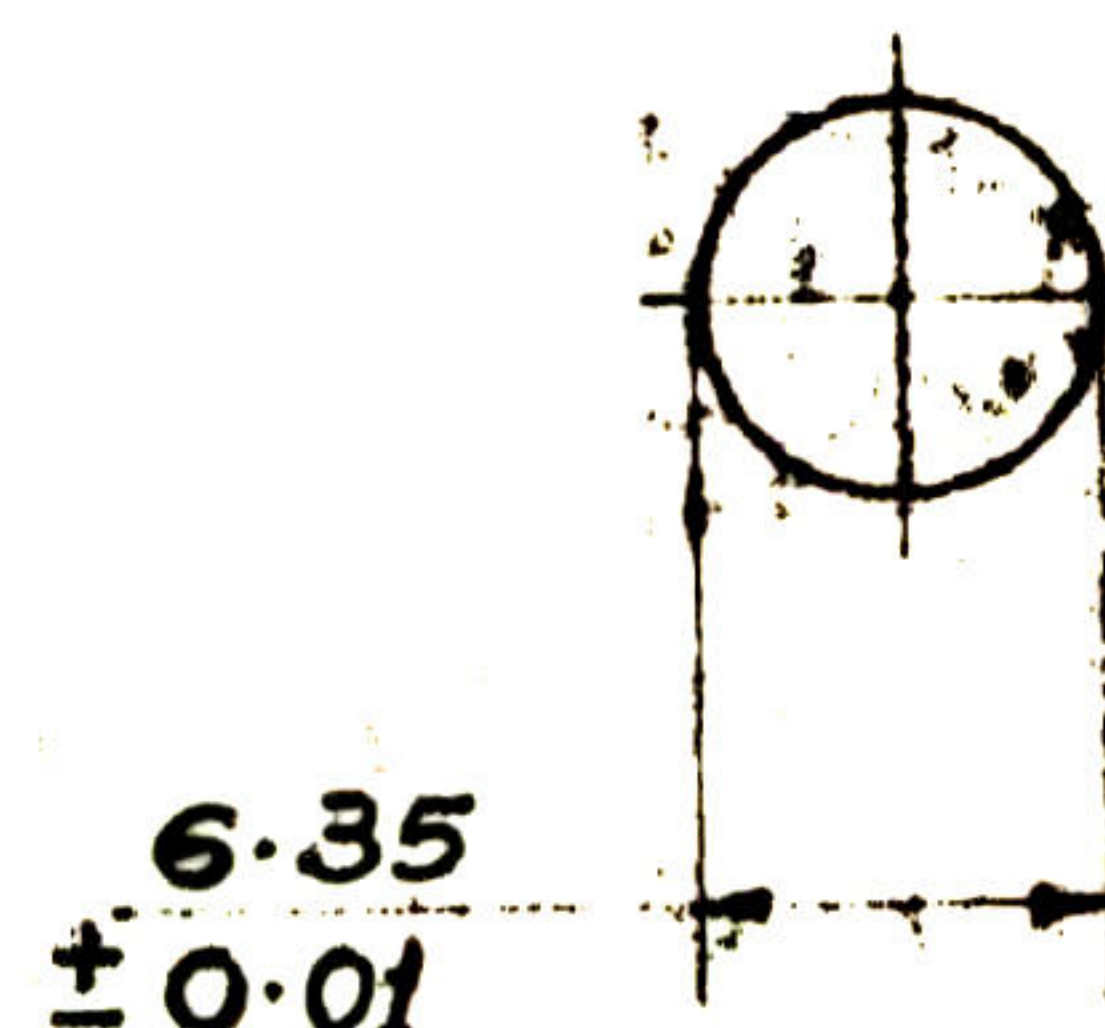


DWG CONVENTIONS CONFORM TO IS SPECIFICATIONS
DIMENSIONS ARE IN mm

D.C. 1. 516 - U.A.

11/03/68	PG 537162A	MATL. ADDED.			
29-3-92	DC 36163-A	DRG. FORMAT BOX ENTRIES ADDED			
22-8-94	DC 35781-A	NEW MASTER COPY SEALED IN SUPERSESSION OF THE EXISTING DILAPIDATED COPY			
28-8-94	DC 35717-A	NEW COPY OF DRG. SEALED IN SUPERSESSION OF THE EXISTING SEALED DILAPIDATED MASTER COPY BEARING SAME DRG. NO.			
4-5-94	DC 35704-A	DRG. FORMAT BOX ENTRIES ADDED SPEC. FOR MATERIAL & NOTE (b) UPDATED.			
30-12-92	DC 35434-A	DIM'S AMENDED UP TO 2 DECIMAL POINTS AND ASSEMBLY DRAWING REF. ADDED			
DATE	AUTHORITY	REVISION			AHSP DO



6.35
± 0.01

NOTE:-

- a) BALLS MANUFACTURED FROM MATERIALS MENTIONED AT (i) DO NOT REQUIRE ELECTROPLATING
- b) BALL MANUFACTURED FROM MATERIALS MENTIONED AT (ii) AND (iii) SHALL BE ELECTROPLATED WITH NICKEL TO SPEC. DTD - 905 OR ELECTROTINNED TO SPEC. BS 1872 - 1984 (1990) CLASS ST 12 S OR IS: 1359 - 1991 (THIRD REVISION) CLASS SN 25 S OR ELECTROPLATED WITH CADMIUM TO SPEC. DTD 904 OR IS: 1572 - 1986 (SECOND REVISION) CLASS SD 12. CADMIUM PLATED BALLS WILL BE CHROMATE PASSIVATED TO SPEC. DEF 130 OR IS: 1340 - 1977 (FIRST REVISION). THE BALLS MUST BE SMOOTH AND ANTIFRICTION.
- c) THE DIMENSIONS OF THE BALL BEFORE PLATING SHALL BE H - 6.94 AND L - 6.39
- d) MINIMUM HARDNESS REQUIREMENT 50 HV

MATERIAL:- ⚙ MATERIAL SAE 52100 SUBJECT TO ACHIEVE MINIMUM HARDNESS 450HV.

- i) STEEL TO SPEC. BS - 970 : PART 4 : 1992 GRADE 410 S :
OR GRADE 416 S 21 OR 416 S 41
OR
- ii) STEEL TO SPEC. BS 970 : PART 4 : 1992 GR. 535A 99
OR
- iii) HIGH CARBON STEEL CONFORMING TO SPEC. IS - 3749 : 1978 GR. 535A 99
DESIGNATION 103 T 3

4-7-81	D.C. 35126-A	NOTE & AMENDED ASSY NP ADDED IN ASSY COLL	DRN	CHD	TRD RS	CON	DRN	10X 33 GE
4-2-87	UC 1184104-A	UNDER MAIL PARAGRAPH 1975 WAS 1983 RETRACTED WITHOUT CHANGE			SCALE	2:1		10X 33 GE
18/11/85		PREVIOUS D C (A) N93-316-UA, 6E1-UA, 102-UA 48710-A, 28153-A, 25074-A, 27141-A, 27855-A, 27846-A, 25554-A, 30049-A, 30548-A, 31202-A, 32061-A, 32760-A, 33221-A, 32056-A, 33107-A, 33415-A, 33474-A	CD/-	C.D'MAN	D/CD.O	EST MASS		
				APPD		GAUGE SCHE	1-915	
					FOR C.I.(A)	DATE		
R.ND	DATE	AUTHORITY	REVISION	ZONE	AHSP	D.O	MATERIAL	AS ABOVE
					SIG		PROTECTIVE FINISH	AS ABOVE
DRG SEALED:- 4-7-89							DESIGNER REF F.D. 1244	
							PART NO	

BALL

A. S. CAT N.

NOT REPRODUCIBLE

44-38861-1000