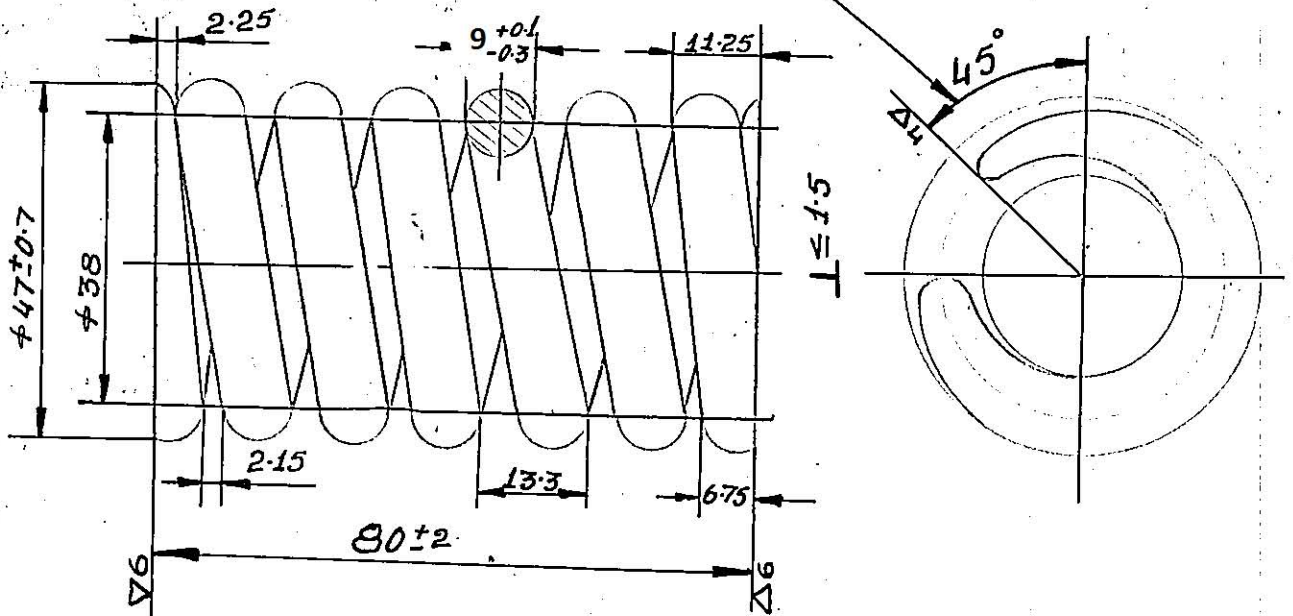


22070712

ON BOTH SIDES, THE END COILS
IN THIS REGION, SHOULD BE IN
CLOSE CONTACT.



NOTES:

1. RIGHT HAND SPRING.
2. EFFECTIVE NUMBER OF COILS-5
3. TOTAL NUMBER OF COILS - 7
4. INTERMEDIATE TEST LOAD $P_1 = 100 \text{ Kg}$.
5. MAX. LOAD $P_2 = 260 \text{ Kg}$.
6. DETERMINE SPRING DEFLECTIONS F_1 & F_2 AT LOADS P_1 & P_2 RESPECTIVELY.
7. SPRING STIFFNESS $K = \frac{P_2 - P_1}{F_2 - F_1} = 218 \pm 22 \text{ Kg/cm}$.
8. LIMITING TEST LOAD $P_{TEST} = 300 \text{ Kg}$.
9. MAX. TANGENTIAL STRESS AT P_{TEST} , $\tau_{TEST} = 5600 \text{ Kg/cm}^2$.
10. DEVELOPED LENGTH OF SPRING $L = 1.2 \text{ M}$.
11. SPRING TO BE MADE ACCORDING TO II CLASS OF ACCURACY (H77-59)
12. SPRING TO BE CADMIUM PLATED WITH SUBSEQUENT CHROMATE TREATMENT cd & cr - IS: 1572-62.

INVENTORY NO	SIGN AND DATE	SUPERSEDED INVENTORY NO	DUPLICATE INVENTORY NO	SIGN & DATE	U.S.S.R. DRAWING NO.	U.S.S.R. GR.SP. (ASSEMBLY)	60C2A GOCT 2052-53
1-50	16/12/67				D-1004242	117302 A	U.S.S.R. MATERI.



C-100-90

**COMPRESSION
SPRING**

31404033

CHG	NOS	DOCU. NO.	SIGN	DATE
WORKED BY			R. K. SINGAL	16.12.67
CHECKED BY				
SUPERVISED				
TECH. CONT				
STD. CONT. / IUR. CH.			J. N. KARAN	16.12.67
APPROVED				

C60 GRADE 4 RANGE 3 IS 727-64
(EN 45A BS 970-55)

LETTER	WEIGHT	SCALE
	0.6	1:1
SHEET 1		TOTAL SHEETS 1
HEEP		