

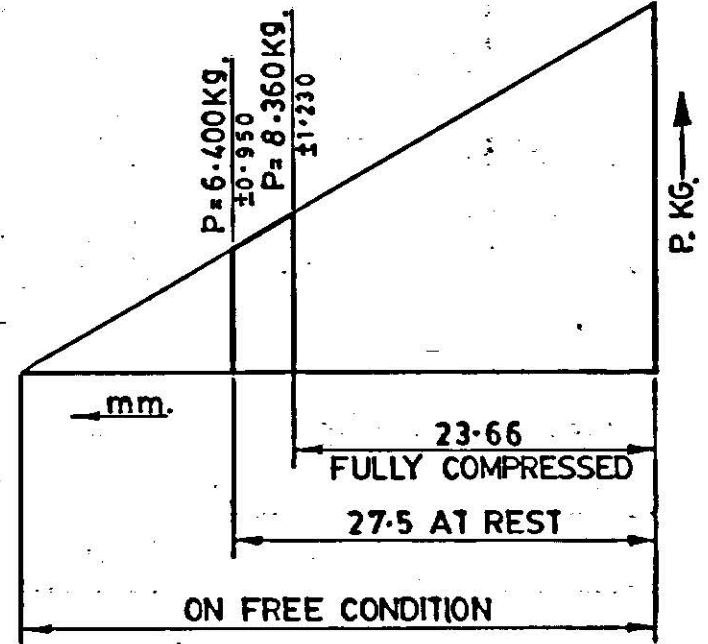
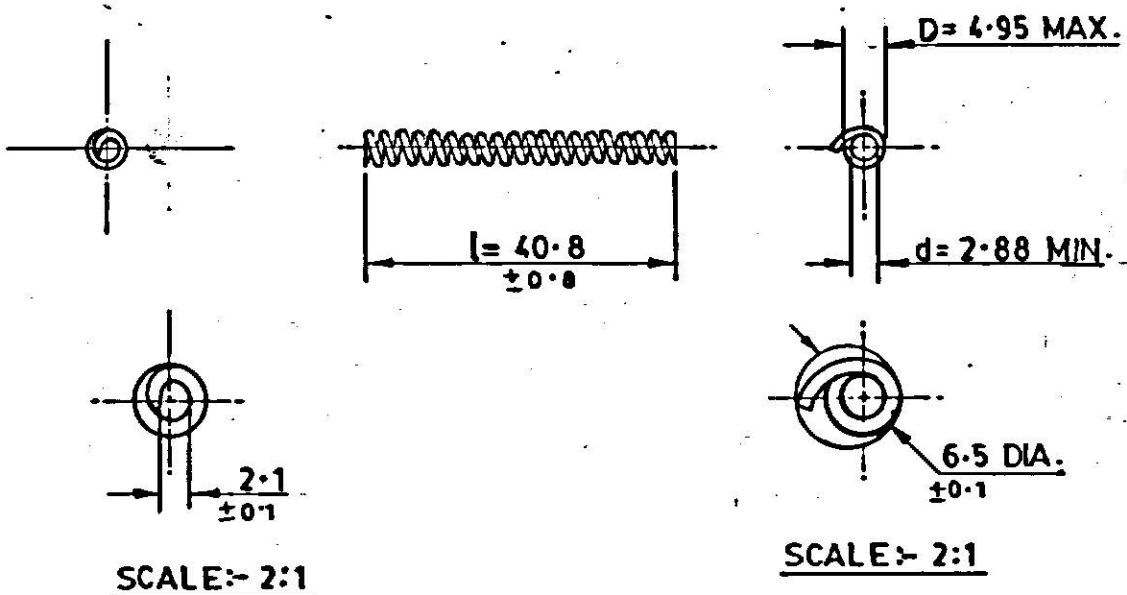
ON D.S.CAT. 5360-00525

DIMNS. ARE IN mm.

ON THIS DRAWING, THE FREE LENGTH IS SHOWN WITH TOLERANCE  $[(\text{MIN.} + \frac{1}{50}) \pm \frac{1}{50} \text{ OF LENGTH}]$ .

**NOTES:-**

1. WIRE DIAMETER:-  $0.925 \pm 0.01$ .
2. MINIMUM NUMBER OF COMPLETE COILS:-  $22\frac{1}{2}$  AFTER GRINDING. (SEE NO. 5).
3. MAXIMUM LENGTH WHEN THE SPRING IS MOMENTARILY COMPRESSED SOLID:- 22.8.
4. HELIX:- RIGHT HAND.
5. THE END COILS HAVE TO BE GROUND (SEE NO.2) AS SHOWN ABOVE.
6. THE DIMENSIONS 'D' AND 'd' ARE LIMITS, THAT MEANS THAT IT SHOULD ALWAYS BE POSSIBLE TO INTRODUCE THE SPRING INTO A RING DIA. 'D' THICKNESS 12 AND TO INTRODUCE INTO IT A PLUG DIA. 'd'.
7. THE LENGTH 'l' MUST BE UNDERSTOOD AFTER COMPRESSION TO 23.7 FOR 24 HOURS.
8. AFTER WINDING END COILS HAVE TO BE DISTORTED AS SHOWN IN SKETCH. SCALE:- 2:1.



**REMARK FOR USER:-**

WHEN UTILIZED THIS SPRING MAY BE SOFTEN UNTILL THE LENGTH BE 36.22 mm. THE SPRING DIMENSIONS ARE CALCULATED SO AS TO ALWAYS GET A STRENGTH AS HIGH AS POSSIBLE. IN OTHER WORDS, THE SPRING WILL SOFTEN ONLY WHEN THE MOST FAVOURABLE CONDITIONS SHOULD NOT BE AVAILABLE.

DC No. 27021-SA, DT. 28-01-2017 - MATERIAL AMENDED		DRN.	CHD.	TRD. <i>Sharda</i>	COMP. <i>Sharda</i>	AHSP. CQA(SA), ICHAPUR
20-3-07 26311-SA PROFORMA CHANGED, NEGATIVE RE-TRACED AND DRAWING RE-SEALED		SCALE:- 1:1 & 2:1		EST. MASS:-		ASSY. 5360-002924
PREVIOUS D.C.NOS. 15536-SA, 16538-SA, 16653-SA, 17611-SA, 20827-SA, 21722-SA & 25387-SA.		DT. 20-3-07	APPROVED. DT. (NEGATIVE RE-TRACED)		DGNR'S REF:-	
DATE AUTHY. BRIEF RECORD		MATERIAL:- IS: 4454 PT-1; 2001 GRADE DH. 0.925mm.		PART NO. 37		
SEALD:- D. C. NO. 25387-SA, DT. 07.06.2002		H.T./HARDNESS:- STRESS RELIEVED 15' AT 260°C.		DRG. NO. A-2106		
NOMENCLATURE:- EXTRACTOR SPRING.		PROTECTIVE FINISH:-		D.S.CAT. 5360-00525 NO.		