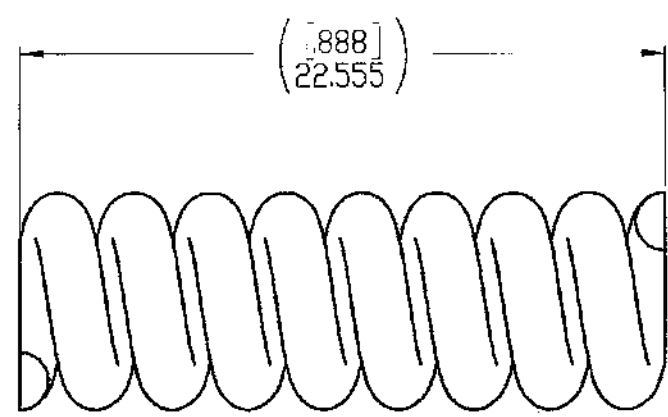
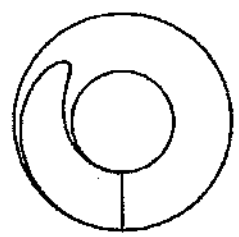


NOTES:

- HOLE DIA. INTO WHICH SPRING FITS FREELY - 7.696 MIN.
- MANUFACTURE IN ACCORDANCE WITH MIL-S-13572, TYPE 1, GRADE A, EXCEPT THAT PARA 4.4.4.1 (PROCEDURE FOR REMOVING SET) SHALL NOT APPLY, PARA 4.4.4 (LOAD TEST) SHALL APPLY AFTER SPRING HAS BEEN COMPRESSED SOLID FIVE (5) TIMES.
- HEAT TREATMENT: STRESS RELIEVE AT 224 ± 5 °C FOR 30 MINUTES AFTER COILING
- FINAL PROTECTIVE FINISH: FINISH 3.3.1 OF MIL-STD-171 WITH MIL-L-3150 SUPPLEMENTARY OIL TREATMENT.
- ALL SPRINGS SHALL BE COMPRESSED SOLID FIVE (5) TIMES.
- MATERIAL: WIRE, MUSIC, STEEL, ASTM A228.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	CREATE DRAWING	5/30/2015	G. HERSHBERGER

WIRE DIAMETER - - - - - 2.032 ± 0.012  
 COIL DIAMETER ( O.D. ) - - - - - 7.62 ± 0.254  
 FREE LENGTH - - - - - 22.555 REF.  
 TOTAL COILS - - - - - 8.5 REF.  
 DIRECTION OF HELIX - - - - - R.H. OR L.H.  
 LOAD AT COMPRESSED LENGTH OF 19.558 - - - - - 42.275 Kg ± 4.218 Kg  
 LOAD AT COMPRESSED LENGTH OF 18.569 - - - - - 54.839 Kg ± 5.488 Kg  
 SPRING RATE - - - - - 14.108 Kg/mm RFF.  
 SOLID LENGTH - - - - - 17.78 MAX  
 TYPE OF ENDS - - - - - OPEN ENDS GRIND



UN CONTROLLED COPY  
 CERTIFIED CORRECT COPY OF APPROVED  
 DRAWINGS AT THIS DATE: 29-09-2021  
 DESIGN & DRAWING OFFICE,  
 ORDNANCE FACTORY, TIRUCHIRAPPALI - 620 016.

PROPRIETARY AND CONFIDENTIAL  
 Previously Approved  
 24 AUG 2021  
 For Use (API)

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	DIMENSIONS ARE IN MM/(INCHES) ALL THREAD DIM. ARE IN INCHES	DRAWN	PMD		05/10/15
	TOLERANCES: FRACTIONAL ANGULAR: MACH 1 BEND 1/10 PLACE DECIMAL ±0.25 THREE PLACE DECIMAL ±0.127	CHECKED			
	INTERPRET GEOMETRIC TOLERANCING PER:	ENG APPR.			
MATERIAL	NO-G APPR.			SIZE B 7313068 REV A	
FINISH	QA				
DO NOT SCALE DRAWING	COMMENTS:			SCALE: 4:1 WEIGHT: SHEET 1 OF 1	