

WIRE DIAMETER	----	.054 ± .001
COIL DIAMETER (O. D.)	-----	.4575 ± .0025
FREE LENGTH	-----	15.23 REF
TOTAL COILS	-----	104 REF
DIRECTION OF HELIX	-----	R. H.
LOAD AT COMPRESSED LENGTH OF 10.97	-----	8.13 LB± .81 LB
LOAD AT COMPRESSED LENGTH OF 6.42	-----	17.00 LB± 1.69LB
SPRING RATE	-----	1.95 LB/IN REF
SOLID LENGTH	-----	5.78 MAX
TYPE OF ENDS	-----	CLOSED ENDS GROUND
MANUFACTURE IN ACCORDANCE WITH MIL-S-13572, TYPE I, GRADE B.		

1. HOLE DIA INTO WHICH SPRING FITS FREELY .474 MIN.
2. ROD DIA OVER WHICH SPRING SLIDES FREELY .340 MAX.
3. HEAT TREATMENT: AGE AT 900°F FOR 1 HOUR. AIR COOL.
HEAT SET 700°F FOR 20 MINUTES WITH SPRING
COMPRESSED TO 5.9 TO 6.0 INCHES.
4. LOAD REQUIREMENTS SHALL APPLY AFTER SPRING HAS
BEEN COMPRESSED TO SOLID LENGTH 3 TIMES.

CURRENT DESIGN ACTIVITY FSCM NO. 19200
U.S. ARMY ARMAMENT RESEARCH AND DEVELOPMENT CENTER
DOVER, NEW JERSEY 07801

PART NO. 7267079

SWESP Form 467
6 MAR 63