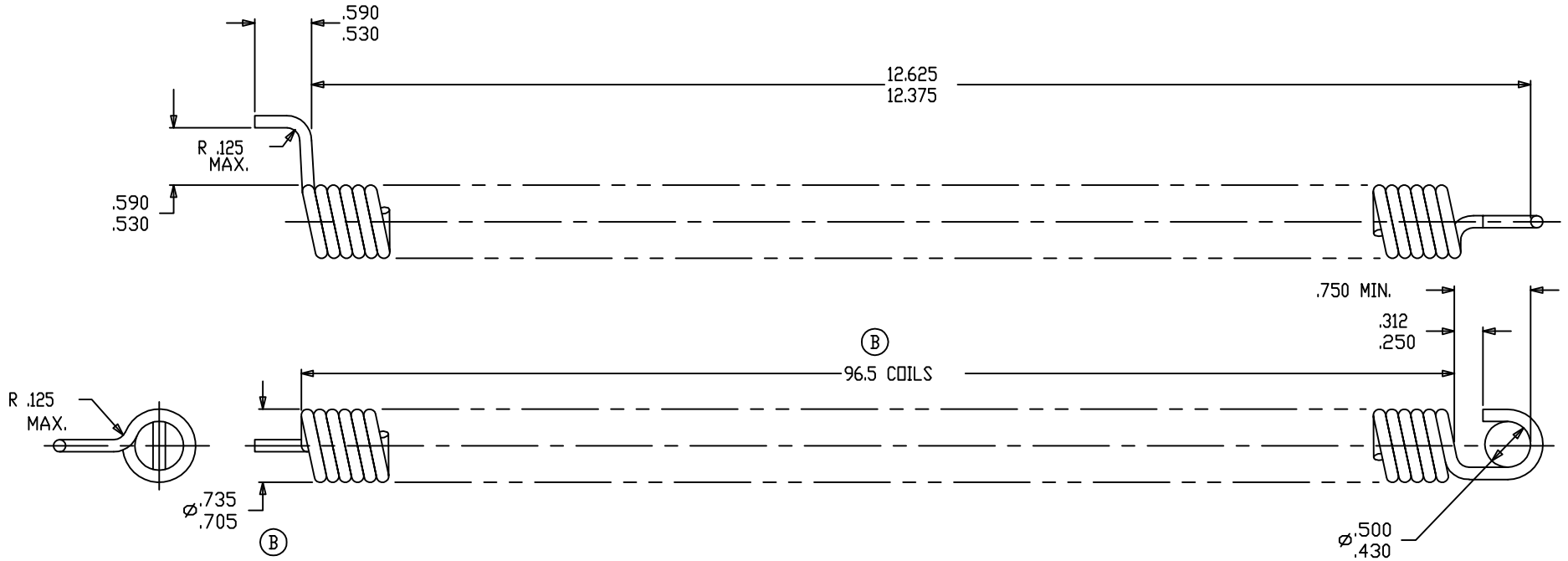


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- 7. MATERIAL: CLASS II OIL TEMPERED SPRING WIRE - .118 TO .122 DIA. TENSILE - 251 TO 281K PSI
 - 6. MAX EXTENDED TRAVEL - 6.5"
 - 5. STRESS RELIEVE AFTER FORMING
 - 4. PRETENSION 8-16 LBS.
 - 3. THIS DRAWING COMPLIES WITH A.N.S.I. STANDARDS
 - 2. ALL DIMENSIONS ON DRAWING ARE BEFORE COATING
 - 1. ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED
- NOTES:

(B) SPRING DATA: I.D. _____ .705-.735
 MEAN DIA _____ .600
 WIRE DIA _____ .120
 COILS _____ 96.5 - 11580"
 RATE _____ 14.5 LB/IN
 LOAD _____ 94.3 LB AT 6.5" EXTENSION
 LOAD + PRELOAD _____ 94.3 LB(EXTENSION) + 16(PRELOAD) = 110.3 LB
 STRESS AT 110.3 LB = 98 K
 WAHL CORRECTED STRESS = 129 K

								MATERIAL NOTED		DRAWN BY J.STEFFEN DATE 6-15-90		CONTROL GROUP A		SFA 10939 N. POMONA AVE. KANSAS CITY, MO 64153	
								HEAT TREATMENT		CHECKED BY J.MACHEK					
								FINISH NONE (NO RUST)		TITLE SPRING, EXTENSION					
								SUPERSEDED BY		SHEET 1 OF 1		B-241989			
										REV B					

B 62890 JM JAW 96.5 COILS WAS 110.5 COILS; .705/.735 DIA. WAS .620/.650 DIA; .118 TO .122 WAS .103 TO .107; ADDED SPRING DATA CHART RELEASE FOR PRODUCTION 11441L

REV	DATE	INIT	CK'D	DESCRIPTION	REV	DATE	INIT	CK'D	DESCRIPTION

CAD DRAWING