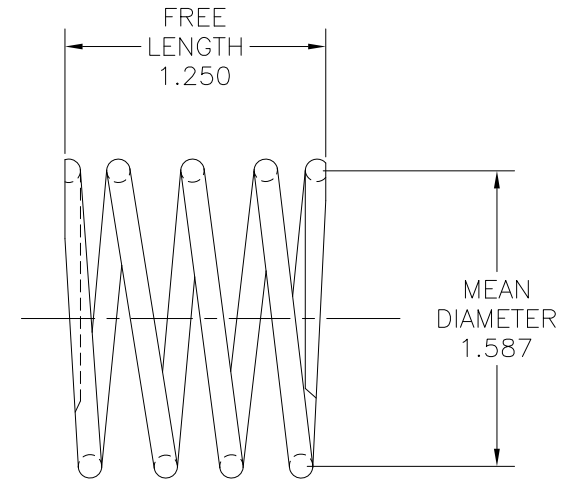


NOTES:

- 1. MATERIAL: 17-7 SPRING WIRE
- WIRE DIAMETER = 0.162
- TOTAL COILS = 3.97
- ACTIVE COILS = 1.97
- ENDS CLOSED AND GROUND
- (2 INACTIVE COILS)
- R.H. HELIX
- SPRING RATE = 120 LB./IN.
- MAX. STRESS @ SOLID HT. = 79.4 KSI
- SPRING TO WORK IN 1.785 DIA. BORE & OVER 1.400 DIA. ROD.

REVISIONS				
NO	DESCRIPTION	DATE	BY	APR/DATE
0	ISSUED FOR MANUFACTURE	05/12/10		



VIEW 1-C-5
 COUPLER SPRINGS
 TWO (2) REQ'D. PER ERS ASSEMBLY

TOLERANCES: UNLESS OTHERWISE SPECIFIED 0.X ± 0.030 0.XX ± 0.010 0.XXX ± 0.005 ANGLES ± 1/2° BREAK EDGES 0.015 x 45° MIN. FINISH 125 ✓ [0.010]A ALL DIMS ARE IN INCHES, UNLESS NOTED OTHERWISE.	PROPRIETARY NOTICE THIS DRAWING AND THE INFORMATION IT CONTAINS ARE CONSIDERED CONFIDENTIAL, AND MAY NOT BE REPRODUCED, COPIED OR USED, IN PART OR IN WHOLE, WITHOUT PRIOR WRITTEN CONSENT.	Integrated Ocean Drilling Program TEXAS A&M UNIVERSITY 1000 DISCOVERY DRIVE COLLEGE STATION, TX 77845			
		SHEET 1 OF 1 SCALE FULL		TITLE COUPLER SPRINGS SYSTEM ASSEMBLY 3" ERS	
BY KM DATE 05/11/10		APPROVED TP	CHECKED JCS	SIZE D P/N ERS-020	REV. 0