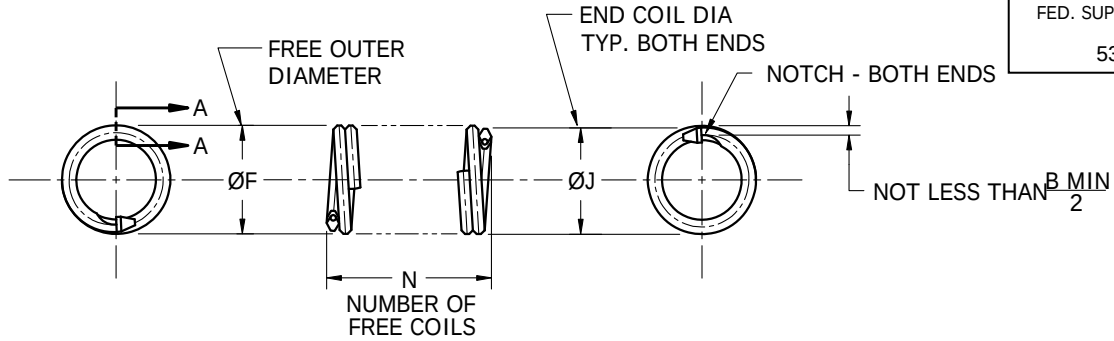
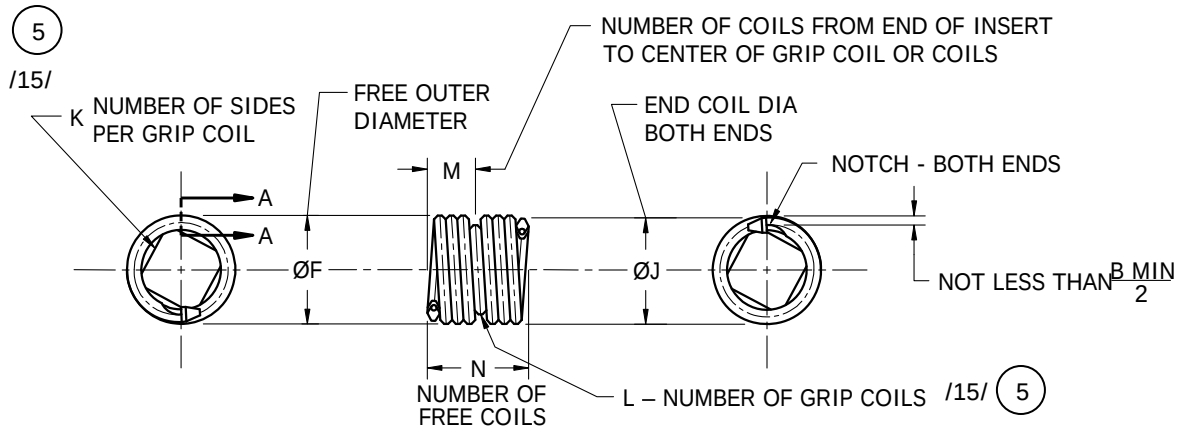


FED. SUPPLY CLASS

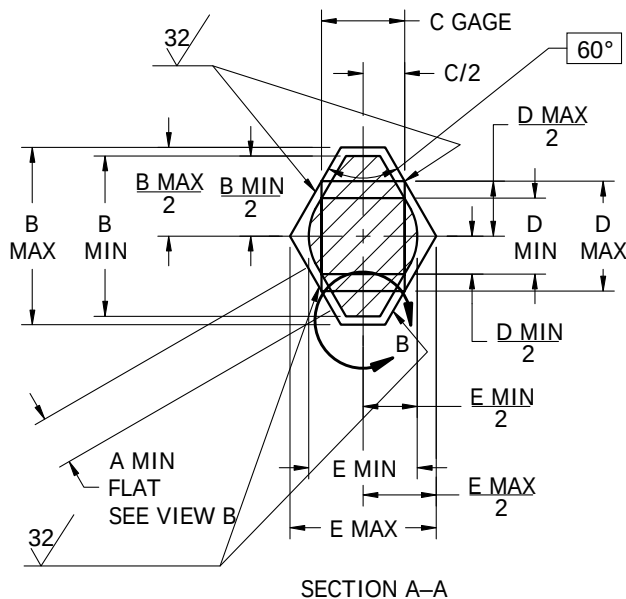
5340



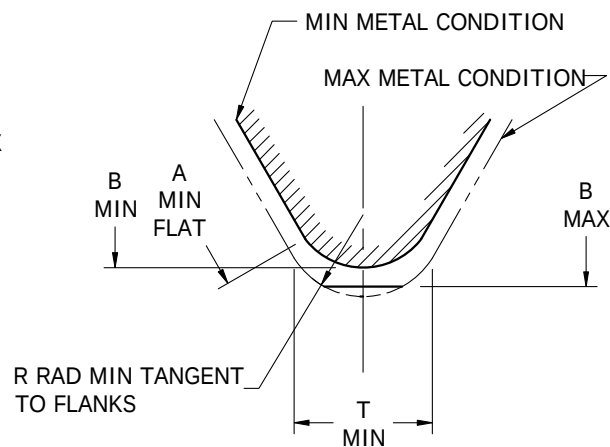
INSERT, TANGLESS, FREE RUNNING



INSERT, TANGLESS, SELF-LOCKING



SECTION A-A



ENLARGED VIEW B

THIRD ANGLE PROJECTION	
PROCUREMENT SPECIFICATION	NASM8846

CUSTODIAN	NATIONAL AEROSPACE STANDARDS COMMITTEE
TITLE	INSERT, SCREW THREAD, HELICAL COIL, FREE RUNNING AND SELF-LOCKING, TANGLESS

REVISION	5
CLASSIFICATION PART STANDARD	NAS1130
SHEET 1 OF 4	

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC.
1000 WILSON BLVD.
ARLINGTON, VA 22209

THIS DRAWING SUPERSEDES ALL ANTECEDENT STANDARD DRAWINGS FOR THE SAME
PRODUCT AND SHALL BECOME EFFECTIVE NO LATER THAN SIX MONTHS FROM THE LAST
REVISION DATE.

FORM 09-01

REVISION DATE: APRIL 30, 2013

ISSUE DATE: OCTOBER 2006

TABLE I – DIMENSIONS

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NOMINAL THREAD SIZE	A MIN	B		C GAGE	D		E		ØF		ØJ MIN	K OPTIONAL /15/	L OPTIONAL /15/	R RAD MIN	T MIN
		MIN	MAX		MIN	MAX	MIN	MAX	MIN	MAX					
.0860-56	.0027	.0163	.0193	.00893	.0112	.0116	.0126	.0156	.110	.119	.107	4	±	.0032	.0056
.1120-40	.0068	.0241	.0271	.0125	.01584	.01624	.0189	.0219	.144	.159	.141	4	±	.0045	.0078
.1380-32	.0076	.0295	.0338	.01563	.01985	.02030	.0233	.0273	.178	.193	.174	4	±	.0056	.0098
.1640-32	.0076	.0295	.0338	.01563	.01985	.02030	.0233	.0273	.205	.220	.200	4	±	.0056	.0098
.1900-24	.0120	.0410	.0449	.02083	.02656	.02706	.0305	.0365	.244	.259	.237	4	±	.0075	.0130
.1900-32	.0076	.0295	.0338	.01563	.01985	.02030	.0233	.0273	.236	.256	.226	5	±	.0056	.0098
.2500-20	.0164	.0500	.0540	.02500	.03198	.03248	.0378	.0438	.310	.330	.307	5	±	.0090	.0156
.2500-28	.0085	.0347	.0387	.01786	.02270	.02320	.0253	.0313	.306	.326	.291	5	±	.0064	.0112
.3125-18	.0176	.0560	.0600	.02778	.03558	.03608	.0416	.0486	.380	.400	.377	5	±	.0100	.0174
.3125-24	.0120	.0410	.0449	.02083	.02656	.02706	.0305	.0365	.380	.400	.362	6	±	.0075	.0130
.3750-16	.0215	.0636	.0677	.03125	.04009	.04059	.0477	.0547	.452	.472	.448	6	±	.0113	.0195
.3750-24	.0120	.0410	.0449	.02083	.02656	.02706	.0305	.0365	.448	.468	.424	6	±	.0075	.0130

MATERIAL:

CRES – TYPE 304 (UNS S30400) PER AS7245.

FINISH:

NONE

CADMIUM PLATED IN ACCORDANCE WITH AMS-QQ-P-416, TYPE II, THICKNESS SHALL BE A MAXIMUM OF .0001.

AS A MINIMUM, ALL SURFACES SHALL SHOW VISUAL EVIDENCE OF CADMIUM PLATING.

LUBRICATION:

DRY FILM LUBRICANT IN ACCORDANCE WITH AS5272, TYPE I.

CODE:

FIRST DASH NUMBER DESIGNATES INSERT THREAD SIZE AS TABULATED (“C” INDICATES COARSE THREAD AND “F” INDICATES FINE THREAD PER TABLE I).

NO LETTER AFTER THE FIRST DASH NUMBER DESIGNATES FREE RUNNING.

ADD “L” AFTER THE FIRST DASH NUMBER TO DESIGNATE SELF-LOCKING.

SECOND DASH NUMBER DESIGNATES LENGTH AS TABULATED.

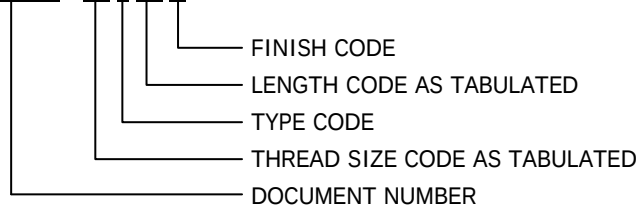
NO LETTER AFTER THE SECOND DASH NUMBER DESIGNATES NO FINISH.

ADD “D” AFTER THE SECOND DASH NUMBER TO DESIGNATE DRY FILM LUBRICANT.

ADD “P” AFTER THE SECOND DASH NUMBER TO DESIGNATE CADMIUM PLATE.

EXAMPLES OF PART NUMBERS:

NAS1130 - 04 L 15 D



REVISION

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NAS1130

SHEET 2

Document Sharing Hub

