

REV.  
A

AS3095™

RATIONALE

FIGURE REDRAWN FOR CLARITY, TABLE RETYPED TO DELETE METRIC DIMENSIONS, USAGE OF PARTS NOTE ADDED AND NOTES UPDATED. SOURCE OF SUPPLY DELETED.

AS3095A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

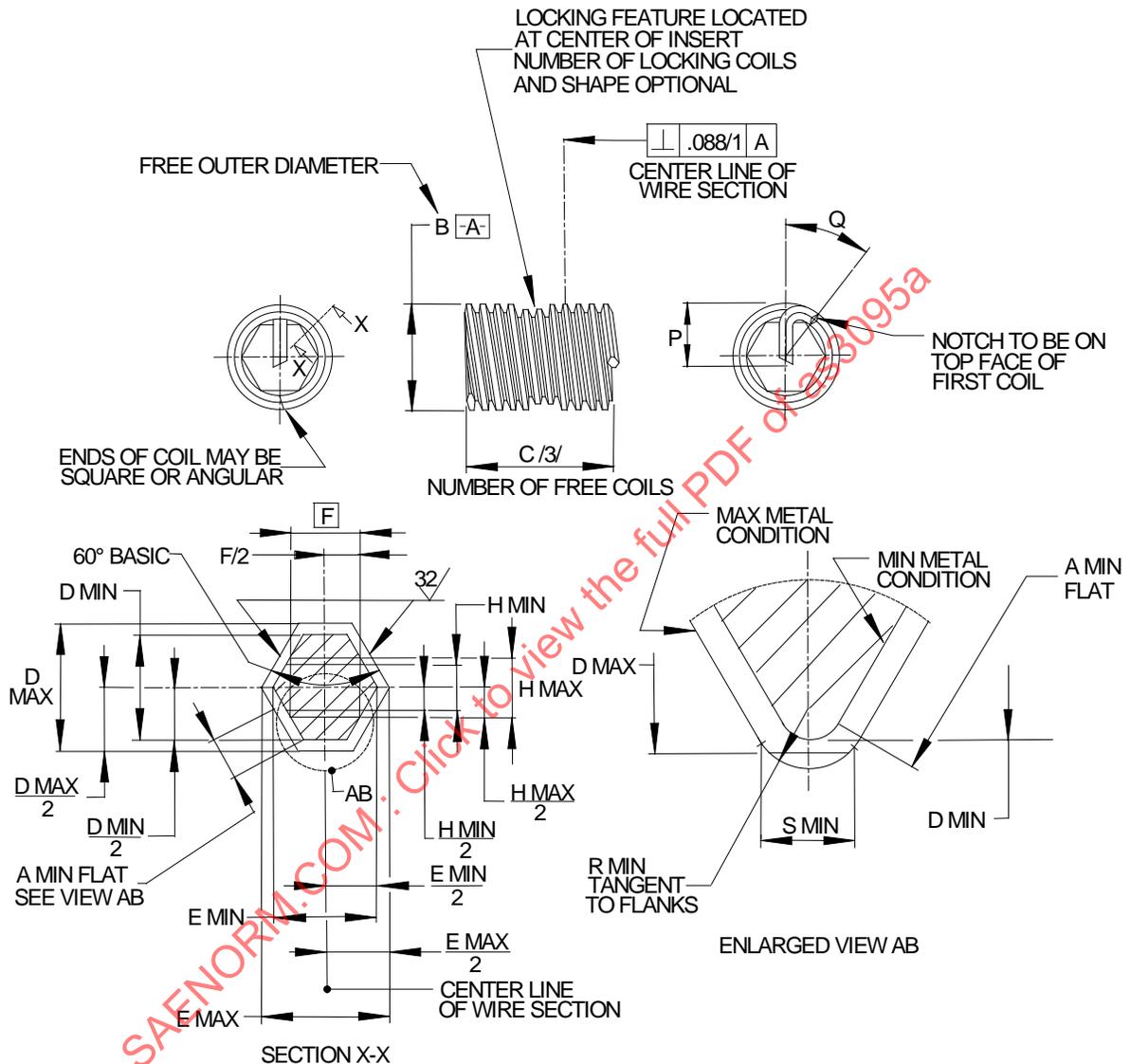


FIGURE 1

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS3095A/>

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7245



**AEROSPACE STANDARD**

(R) INSERT - CRES HELICAL COIL FINE THREAD,  
LOCKING (LOW FRICTION SYSTEMS)  
2 DIA NOM LENGTH

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SHEET 1 OF 3

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ISSUED 1974-04 REVISED 2018-08 REAFFIRMED 2024-04

**TABLE 1**

PART NUMBER	THREAD SIZE	NOMINAL LENGTH /1/	A MIN	B		C ±.250 COIL
				MAX	MIN	
AS3095-03	.1900 - 32	.380	.0076	.256	.236	9.500
AS3095-04	.2500 - 28	.500	.0085	.326	.306	11.375
AS3095-05	.3125 - 24	.625	.0120	.400	.380	12.250
AS3095-06	.3750 - 24	.750	.0120	.468	.448	15.000
AS3095-07	.4375 - 20	.875	.0164	.549	.524	14.625
AS3095-08	.5000 - 20	1.000	.0164	.617	.592	16.875

**TABLE 1 CONTINUED**

PART NUMBER	D		E		F GAGE	H		P	
	MAX	MIN	MAX	MIN		MAX	MIN	MAX	MIN
AS3095-03	.0338	.0295	.0273	.0233	.01563	.02030	.01985	.176	.130
AS3095-04	.0387	.0347	.0313	.0253	.01786	.02320	.02270	.239	.173
AS3095-05	.0449	.0410	.0365	.0305	.02083	.02706	.02656	.291	.203
AS3095-06	.0449	.0410	.0365	.0305	.02083	.02706	.02656	.353	.235
AS3095-07	.0540	.0500	.0438	.0378	.02500	.03248	.03198	.416	.281
AS3095-08	.0540	.0500	.0438	.0378	.02500	.03248	.03198	.478	.313

**TABLE 1 CONTINUED**

PART NUMBER	Q	R MIN	S MIN	APPROX. MASS LB/100	VENDOR NUMBER
AS3095-03	15°-90°	.0056	.0098	.112	53591-3CN 0.380
AS3095-04	15°-75°	.0064	.0112	.212	53591-4CN 0.500
AS3095-05	15°-75°	.0075	.0130	.397	53591-5CN 0.625
AS3095-06	15°-75°	.0075	.0130	.553	53591-6CN 0.750
AS3095-07	15°-75°	.0090	.0156	.917	53591-7CN 0.875
AS3095-08	15°-75°	.0090	.0156	1.234	53591-8CN 0-1.000

**NOTES:**

- /1/ NOMINAL LENGTH IS REFERENCED AND EQUALS BASIC THICKNESS OF PLATE FOR INSERT ASSEMBLY. SEE TABLE 1.
2. ASSEMBLED LENGTH OF INSERT TO BE AS SPECIFIED ON DWG MS33537. ASSEMBLED LENGTH OF INSERT TO BE MEASURED 90° FROM TANG.
- /3/ NUMBER OF FREE COILS TO BE COUNTED 90° FROM TANG.
4. PROCUREMENT SPECIFICATION: AS7245.
5. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1. UNLESS OTHERWISE SPECIFIED, SURFACES TO BE 32 MICROINCHES Ra.
6. INSERT PERFORMANCE PER AS1349.
7. DIMENSIONS ARE IN INCHES.
8. IDENTIFICATION: MARK AS NUMBER AND MANUFACTURER'S IDENTIFICATION ON CONTAINER. COLOR INSERT PER AS1349.
9. DIMENSIONS AND TOLERANCING: ANSI Y14.5M-1982 (ASME PUBLICATION).
10. DO NOT USE UNASSIGNED AEROSPACE IDENTIFICATION NUMBERS.

	<b>AEROSPACE STANDARD</b>	<b>AS3095™</b> SHEET 2 OF 3	<b>REV.</b> <b>A</b>
	(R) INSERT - CRES HELICAL COIL FINE THREAD, LOCKING (LOW FRICTION SYSTEMS) 2 DIA NOM LENGTH		