

REV.
A

AS3081™

RATIONALE

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

AS3081A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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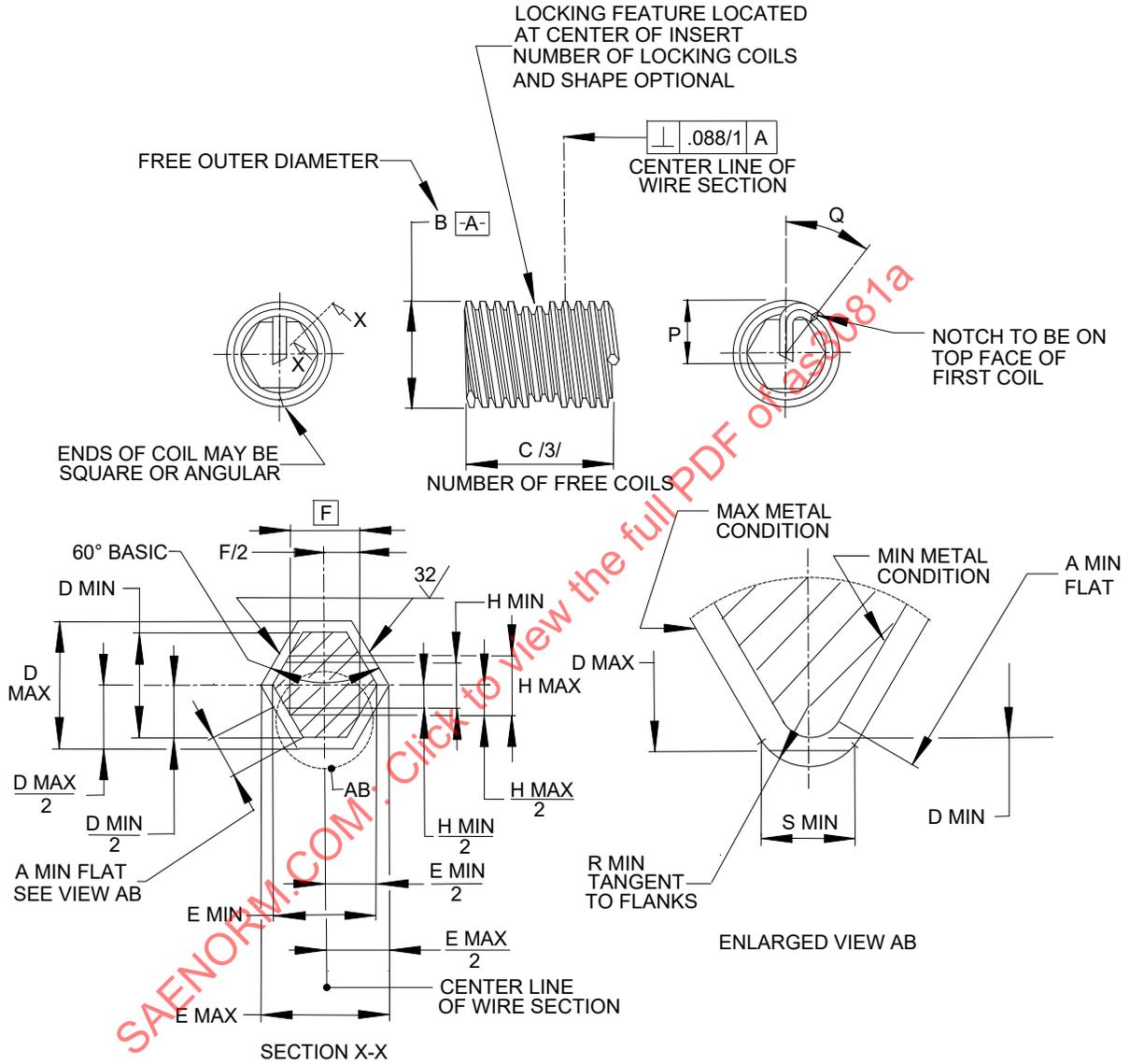
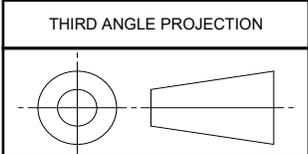


FIGURE 1

For more information on this standard, visit
<https://www.sae.org/standards/content/AS3081A/>



CUSTODIAN: E-25



AEROSPACE STANDARD

(R) INSERT - CRES HELICAL COIL FINE THREAD, STRAIGHT, STUD LOCKING, 2 DIA NOM LENGTH

AS3081™
SHEET 1 OF 3

REV.
A

TABLE 1

PART NUMBER	THREAD SIZE	NOMINAL LENGTH	A MIN	B		C ±.250 COIL
				MAX	MIN	
AS3081-03	.1900-32 UNJF	.380	.0076	.256	.236	9.500
AS3081-04	.2500-28 UNJF	.500	.0085	.326	.306	11.375
AS3081-05	.3125-24 UNJF	.625	.0120	.400	.380	12.250
AS3081-06	.3750-24 UNJF	.750	.0120	.468	.448	15.000
AS3081-07	.4375-20 UNJF	.875	.0164	.549	.524	14.625
AS3081-08	.5000-20 UNJF	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
AS3081-03	.0338	.0295	.0273	.0233	.01563	.02030	.01985	.176	.130
AS3081-04	.0387	.0347	.0313	.0253	.01786	.02320	.02270	.239	.173
AS3081-05	.0449	.0410	.0365	.0305	.02083	.02706	.02656	.291	.203
AS3081-06	.0449	.0410	.0365	.0305	.02083	.02706	.02656	.353	.235
AS3081-07	.0540	.0500	.0438	.0378	.02500	.03248	.03198	.416	.281
AS3081-08	.0540	.0500	.0438	.0378	.02500	.03248	.03198	.478	.313

TABLE 1 CONTINUED

PART NUMBER	Q	R MIN	S MIN	APPROX MASS LB/100
AS3081-03	15-90°	.0056	.0098	.112
AS3081-04	15-75°	.0064	.0112	.212
AS3081-05	15-75°	.0075	.0130	.397
AS3081-06	15-75°	.0075	.0130	.553
AS3081-07	15-75°	.0090	.0156	.917
AS3081-08	15-75°	.0090	.0156	1.234

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	AEROSPACE STANDARD	AS3081™ SHEET 2 OF 3	REV. A
	(R) INSERT - CRES HELICAL COIL FINE THREAD, STRAIGHT, STUD LOCKING, 2 DIA NOM LENGTH		