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REV.
C

AS9245™

FEDERAL SUPPLY CLASS
5315

RATIONALE

REVISE TYPO OF WORD "SPECIFICATION," AND ADD THE STANDARD NOTE FOR INVENTORY DEPLETION.

NOTICE

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9245A(ASG). THIS SAE STANDARD MAY RETAIN THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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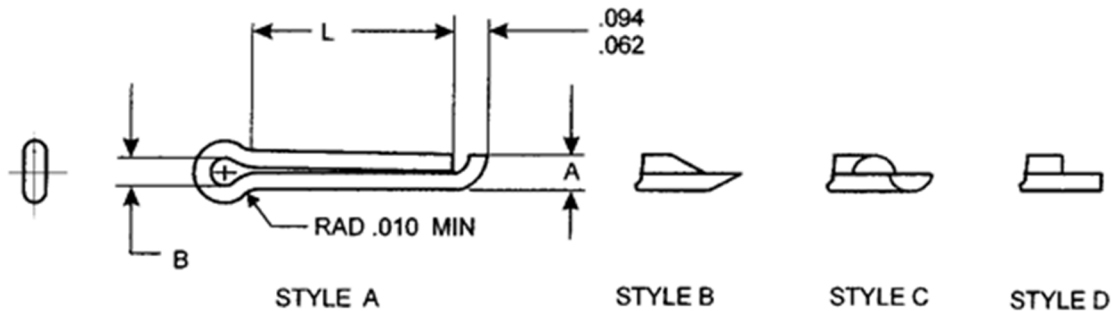
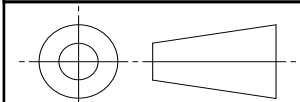


FIGURE 1 - PIN

For more information on this standard, visit
<https://www.sae.org/standards/content/AS9245C/>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: AS7211



AEROSPACE STANDARD

PIN, COTTER - CRES, UNS S32100, AS7211

AS9245™
SHEET 1 OF 2

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TABLE 1 - PART NUMBERS AND DIMENSIONS

NOM DIA	.0312	.0625	.0938	.125	.156	.188
A DIA	.027-.030	.058-.061	.086-.090	.118-.122	.146-.150	.172-.176
B DIA +.030 -.000	.031	.062	.094	.125	.156	.188
LENGTH (L) ±.030	PART NUMBER					
.250	MS9245-01	MS9245-21				
.312	MS9245-02	MS9245-22				
.375	MS9245-03	MS9245-23	MS9245-40			
.438	MS9245-04	MS9245-24	MS9245-41	MS9245-58	MS9245-75	
.500	MS9245-05	MS9245-25	MS9245-42	MS9245-59	MS9245-76	
.562	MS9245-06	MS9245-26	MS9245-43	MS9245-60	MS9245-77	
.625	MS9245-07	MS9245-27	MS9245-44	MS9245-61	MS9245-78	
.750	MS9245-08	MS9245-28	MS9245-45	MS9245-62	MS9245-79	
.875	MS9245-09	MS9245-29	MS9245-46	MS9245-63	MS9245-80	
1.000	MS9245-10	MS9245-30	MS9245-47	MS9245-64	MS9245-81	
1.125		MS9245-31	MS9245-48	MS9245-65	MS9245-82	
1.250		MS9245-32	MS9245-49	MS9245-66	MS9245-83	MS9245-94
1.375		MS9245-33	MS9245-50	MS9245-67	MS9245-84	MS9245-95
1.500		MS9245-34	MS9245-51	MS9245-68	MS9245-85	MS9245-96
1.625		MS9245-35	MS9245-52	MS9245-69	MS9245-86	MS9245-97
1.750		MS9245-36	MS9245-53	MS9245-70	MS9245-87	MS9245-98
2.000		MS9245-37	MS9245-54	MS9245-71	MS9245-88	MS9245-99
Y	.002	.016	.045	.107	.198	.324
Z	.018	.079	.174	.323	.492	.680

NOTES:

1. MATERIAL AND PROCUREMENT SPECIFICATION: AS7211 (UNS S32100).
2. HEAT TREATMENT: HEAT AT 1200 °F TO PRODUCE DARK GRAY OR BLACK COLOR. OTHER SPECIFICATION REQUIREMENTS SHALL BE MAINTAINED AFTER HEAT TREATMENT.
3. ENDS OF THE PINS SHALL NOT BE OPEN AND ANY GAPS BETWEEN THE PRONGS ALONG THE SHANK PORTION OF THE PINS BEYOND THE POINT SHALL NOT EXCEED .015. MISALIGNMENT OF PRONGS OVER ENTIRE LENGTH OF SHANK SHALL NOT EXCEED .015.
4. COTTER PINS SHALL BE FREE FROM BURRS.
5. ALL DIMENSIONS ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.
6. ALL STYLES ARE ACCEPTABLE. STYLE SHALL NOT BE INCORPORATED IN THE PART NUMBER.
7. DO NOT USE UNASSIGNED PART NUMBERS.
8. APPROXIMATE WEIGHT: THE WEIGHT PER 100 COTTER PINS = Y + (L X Z).
9. REVISION INDICATOR: A CHANGE BAR (I) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.
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