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Activities:

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This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document, when applicable.

LENGTH "L" ±.010	DIAMETER "D" AND PART NUMBERS							
	.0625 ±.0005		.0938 ±.0005		.1250 ±.0005		.1875 ±.0005	
	PART NUMBER	APPROX WEIGHT LBS/100	PART NUMBER	APPROX WEIGHT LBS/100	PART NUMBER	APPROX WEIGHT LBS/100	PART NUMBER	APPROX WEIGHT LBS/100
.125	MS9105-01	.010	MS9105-26	.024	MS9105-51	.043	MS9105-76	.097
.188	MS9105-02	.016	MS9105-27	.035	MS9105-52	.065	MS9105-77	.147
.250	MS9105-03	.022	MS9105-28	.040	MS9105-53	.087	MS9105-78	.195
.312	MS9105-04	.026	MS9105-29	.060	MS9105-54	.100	MS9105-79	.244
.375	MS9105-05	.032	MS9105-30	.073	MS9105-55	.130	MS9105-80	.293
.438	MS9105-06	.038	MS9105-31	.086	MS9105-56	.152	MS9105-81	.342
.500	MS9105-07	.043	MS9105-32	.098	MS9105-57	.174	MS9105-82	.381
.562	MS9105-08	.049	MS9105-33	.110	MS9105-58	.198	MS9105-83	.439
.625	MS9105-09	.054	MS9105-34	.122	MS9105-59	.217	MS9105-84	.460
.688	MS9105-10	.060	MS9105-35	.134	MS9105-60	.240	MS9105-85	.530
.750	MS9105-11	.065	MS9105-36	.146	MS9105-61	.260	MS9105-86	.586
.812	MS9105-12	.070	MS9105-37	.158	MS9105-62	.282	MS9105-87	.634
.875	MS9105-13	.076	MS9105-38	.170	MS9105-63	.293	MS9105-88	.684
.938	MS9105-14	.082	MS9105-39	.183	MS9105-64	.325	MS9105-89	.733
1.000	MS9105-15	.086	MS9105-40	.201	MS9105-65	.347	MS9105-90	.781
1.062	MS9105-16	.092	MS9105-41	.207	MS9105-66	.369	MS9105-91	.830
1.125	MS9105-17	.098	MS9105-42	.220	MS9105-67	.391	MS9105-92	.890
1.188	MS9105-18	.103	MS9105-43	.232	MS9105-68	.412	MS9105-93	.928
1.250	MS9105-19	.108	MS9105-44	.244	MS9105-69	.434	MS9105-94	.977
1.312	MS9105-20	.114	MS9105-45	.256	MS9105-70	.456	MS9105-95	1.025
1.375	MS9105-21	.118	MS9105-46	.268	MS9105-71	.475	MS9105-96	1.063
1.438	MS9105-22	.125	MS9105-47	.280	MS9105-72	.499	MS9105-97	1.123
1.500	MS9105-23	.130	MS9105-48	.292	MS9105-73	.521	MS9105-98	1.172

- PIN TO BE STRAIGHT WITHIN .001 FOR LENGTHS .125 TO 1.000 AND .002 FOR LENGTHS 1.062 TO 1.500.
- MATERIAL: CORROSION RESISTANT STEEL AMS5688, TENSILE REQUIREMENT WAIVED.
- HARDNESS:
 - .0625 DIA - ROCKWELL C47-55 OR EQUIVALENT.
 - .0938 DIA - ROCKWELL C45-54 OR EQUIVALENT.
 - .1250 DIA - ROCKWELL C42-53 OR EQUIVALENT.
 - .1875 DIA - ROCKWELL C38-46 OR EQUIVALENT.
- IDENTIFICATION: MARK MS9105-XX AND MANUFACTURER'S IDENTIFICATION ON CONTAINER.
- SURFACE ROUGHNESS: AS291.
- BREAK SHARP EDGES .063 - .015
- DIMENSIONS IN INCHES.
- DO NOT USE UNASSIGNED PART NUMBERS.

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THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

P. A. AIR FORCE-11	INTERNATIONAL INTEREST	TITLE PIN, STRAIGHT, HEADLESS, AMS5688, LOCK	MILITARY STANDARD
Other Cust ARMY - AV NAVY - AS			MS 9105
PROCUREMENT SPECIFICATION SEE NOTES	SUPPLEMENT		SHEET OF