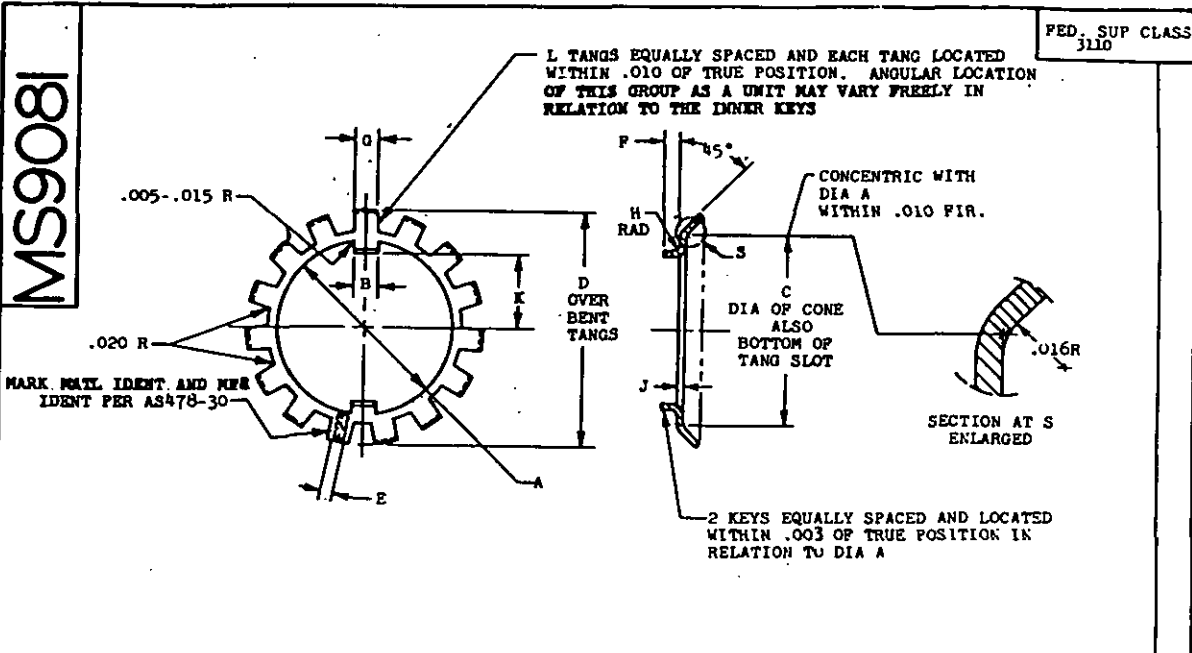


FED. SUP CLASS 3110

MS9081

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PART NUMBER	NOMINAL BEARING BORE DIA	A		C		D	E	F	G	H	J	K	L	APPROX HEIGHT LE
		+0.010 -0.000	B	+0.020 -0.000	+0.000 -0.030	±0.030	+0.000 -0.020	±0.005	±0.000 -0.005	±0.005	±0.000 -0.005			
MS9031-10	.3537	.427	.105-.115	.531	.323	.060	.094	.04-.094	.016	.029-.035	.130	9	.002	
MS9031-11	.4724	.507	.105-.115	.625	.922	.060	.094	.04-.094	.020	.029-.035	.168	9	.002	
MS9031-12	.5406	.616	.105-.115	.750	1.094	.060	.094	.04-.094	.030	.029-.035	.214	11	.002	
MS9031-13	.6693	.694	.105-.115	.375	1.203	.060	.094	.04-.094	.030	.029-.035	.253	11	.005	
MS9031-14	.7374	.820	.156-.176	1.000	1.375	.030	.094	.146-.156	.030	.036-.044	.304	11	.001	
MS9031-15	.9843	1.010	.156-.176	1.188	1.562	.030	.125	.146-.156	.040	.036-.044	.390	13	.010	
MS9031-16	1.1-11	1.207	.156-.176	1.433	1.59	.080	.125	.146-.156	.040	.036-.044	.490	13	.011	
MS9031-17	1.3730	1.420	.156-.176	1.656	2.072	.120	.125	.146-.156	.040	.046-.054	.588	15	.017	
MS9031-18	1.5745	1.620	.230-.300	1.344	2.250	.120	.125	.204-.220	.040	.046-.054	.680	15	.021	
MS9031-19	1.7717	1.335	.230-.300	2.062	2.500	.120	.156	.204-.220	.040	.046-.054	.787	17	.025	
MS9031-20	1.9635	2.020	.230-.300	2.250	2.688	.120	.156	.204-.220	.040	.046-.054	.880	17	.026	
MS9031-21	2.1654	2.230	.230-.300	2.500	2.953	.120	.156	.204-.220	.050	.052-.062	.965	17	.036	
MS9031-22	2.3622	2.420	.230-.300	2.688	3.188	.120	.156	.204-.220	.050	.052-.062	1.060	17	.03	
MS9031-23	2.5591	2.605	.230-.300	2.375	3.375	.120	.156	.204-.220	.050	.052-.062	1.152	19	.041	
MS9031-24	2.7559	2.300	.230-.300	3.094	3.594	.120	.250	.204-.220	.060	.052-.062	1.242	19	.045	
MS9031-25	2.9529	2.990	.230-.300	3.375	3.922	.120	.250	.297-.312	.070	.052-.062	1.328	19	.06	
MS9031-26	3.1496	3.200	.340-.360	3.594	4.141	.120	.250	.297-.312	.070	.052-.062	1.428	19	.061	
MS9031-27	3.3465	3.410	.340-.360	3.312	4.359	.120	.250	.297-.312	.070	.052-.062	1.525	19	.066	
MS9031-28	3.5433	3.530	.340-.360	4.000	4.547	.120	.250	.297-.312	.030	.053-.063	1.610	19	.096	
MS9031-29	3.7402	3.800	.340-.360	4.219	4.312	.120	.250	.297-.312	.080	.053-.063	1.720	19	.106	
MS9031-30	3.9370	3.990	.340-.360	4.406	5.000	.120	.312	.297-.312	.080	.053-.063	1.815	19	.108	
MS9031-31	4.1339	4.190	.340-.360	4.594	5.133	.120	.312	.360-.375	.030	.053-.063	1.915	19	.111	
MS9031-32	4.3307	4.400	.340-.360	4.312	5.406	.120	.312	.360-.375	.030	.053-.063	2.020	19	.125	

MATERIAL: STEEL AMS6350

FINISH: PHOSPHATE TREATMENT AMS2481
 BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
 DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES; LINEAR DIMENSIONS ±.010,
 ANGULAR DIMENSIONS ±2°.
 DO NOT USE UNASSIGNED PART NUMBERS.
 TRUE POSITION TOLERANCE SPECIFIED IS FOR MAXIMUM MATERIAL CONDITION.

(B) INACTIVE FOR DESIGN AFTER 26 OCTOBER 1972.
NO SUPERSEDING STANDARD.

AS, & AMS ARE SAE PUBLICATIONS...
 THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE ENGINE AND PROPELLER UTILITY PARTS COMMITTEE OF THE SAE.

CUSTODIANS P.A. AS USA - TR	MILITARY STANDARD		MS9081
	PROCUREMENT SPECIFICATION NONE	WARRANTY: KEY = DOUBLE, BEARING RETAINING, NONE	
SHEET 1 OF 1			

NO FORM 1 SEP 66 223 E-25-58

APPROVED 11 JUN 59 REVISED (A) 7 SEP 62 (B) 26 OCT 72