

INCH-POUND

MS9081C  
 1 December 2020  
 SUPERSEDING  
 MS9081B  
 26 October 1972

## DETAILED SPECIFICATION SHEET

WASHER, KEY-DOUBLE, BEARING RETAINING, AMS 6350

INACTIVE FOR NEW DESIGN AFTER 26 OCTOBER 1972
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This specification sheet is approved for all Departments and Agencies of the Department of Defense.

The requirements for acquiring the described herein shall consist of this specification sheet.

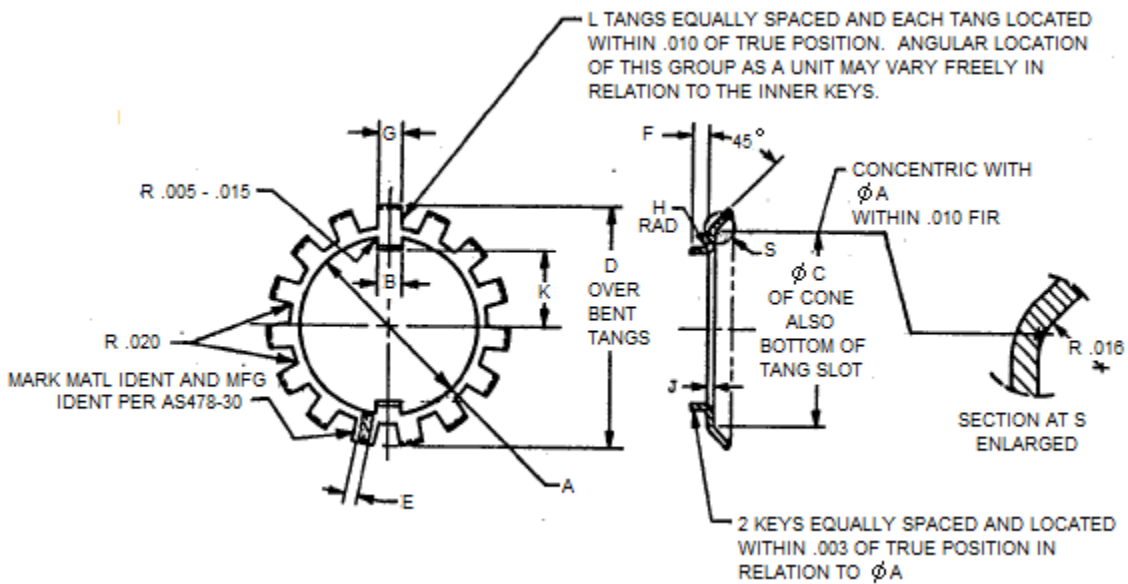


FIGURE 1. Washer.

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TABLE I. Dimensions.

Part Number	Nominal Bearing Bore Dia.	ØA +.010 -.000	B	ØC +.020 -.000	D +.000 -.030	E ±.030	F +.000 -.020	G	H ±.005	J	K +.000 -.005	L	Approx. Wt. LB
MS9081-10	.3937	.427	.105-.115	.531	.828	.060	.094	.084-.094	.016	.029-.035	.130	9	.002
MS9081-11	.4724	.507	.105-.115	.625	.922	.060	.094	.084-.094	.020	.029-.035	.168	9	.002
MS9081-12	.5906	.616	.105-.115	.750	1.094	.060	.094	.084-.094	.030	.029-.035	.214	11	.003
MS9081-13	.6693	.694	.105-.115	.875	1.203	.060	.094	.084-.094	.030	.029-.035	.253	11	.005
MS9081-14	.7874	.820	.156-.176	1.000	1.375	.080	.094	.146-.156	.030	.036-.044	.304	11	.008
MS9081-15	.9843	1.010	.156-.176	1.188	1.562	.080	.125	.146-.156	.040	.036-.044	.390	13	.010
MS9081-16	1.1811	1.207	.156-.176	1.438	1.859	.080	.125	.146-.156	.040	.036-.044	.490	13	.011
MS9081-17	1.3780	1.420	.156-.176	1.656	2.078	.120	.125	.146-.156	.040	.046-.054	.588	15	.017
MS9081-18	1.5748	1.620	.280-.300	1.844	2.250	.120	.125	.204-.220	.040	.046-.054	.680	15	.021
MS9081-19	1.7717	1.835	.280-.300	2.062	2.500	.120	.156	.204-.220	.040	.046-.054	.787	17	.025
MS9081-20	1.9685	2.020	.280-.300	2.250	2.688	.120	.156	.204-.220	.040	.046-.054	.880	17	.026
MS9081-21	2.1654	2.230	.280-.300	2.500	2.953	.120	.156	.204-.220	.050	.058-.068	.965	17	.036
MS9081-22	2.3622	2.420	.280-.300	2.688	3.188	.120	.156	.204-.220	.050	.058-.068	1.060	17	.038
MS9081-23	2.5591	2.605	.280-.300	2.875	3.375	.120	.156	.204-.220	.050	.058-.068	1.152	19	.041
MS9081-24	2.7559	2.800	.280-.300	3.094	3.594	.120	.250	.204-.220	.060	.058-.068	1.242	19	.045
MS9081-25	2.9528	2.990	.280-.300	3.375	3.922	.120	.250	.297-.312	.070	.058-.068	1.328	19	.086
MS9081-26	3.1496	3.200	.340-360	3.594	4.141	.120	.250	.297-.312	.070	.058-.068	1.428	19	.091
MS9081-27	3.3465	3.410	.340-360	3.812	4.359	.120	.250	.297-.312	.080	.058-.068	1.525	19	.096
MS9081-28	3.5433	3.580	.340-360	4.000	4.547	.120	.250	.297-.312	.080	.058-.068	1.610	19	.096
MS9081-29	3.7402	3.800	.340-360	4.219	4.812	.120	.250	.297-.312	.080	.058-.068	1.720	19	.106
MS9081-30	3.9370	3.990	.340-360	4.406	5.000	.120	.312	.297-.312	.080	.058-.068	1.815	19	.108
MS9081-31	4.1339	4.190	.340-360	4.594	5.188	.120	.312	.360-.375	.080	.058-.068	1.915	19	.119
MS9081-32	4.3307	4.400	.340-360	4.812	5.406	.120	.312	.360-.375	.080	.058-.068	2.020	19	.125

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NOTES:

1. Material: Steel SAE AMS6350.
2. Finish: Phosphate Treatment SAE AMS2481.
3. Dimensioning in accordance with ASME Y14.5M.
4. Dimensions in inches, unless otherwise specified.
5. Tolerances; Linear dimensions  $\pm 0.010$ , Angular dimensions  $\pm 2^\circ$ .
6. Do not use unassigned part numbers.
7. True position tolerance specified is for maximum material condition.
8. AS and AMS are SAE publications.
9. This document was developed cooperatively with the Engine and Propeller Utility Parts Committee of the SAE.
10. Referenced documents shall be of the issue in effect on date of invitations for bid.
11. Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:  
Navy - AS  
Air Force - 11  
DLA - IS

Preparing Activity:  
DLA – IS

(Project 5310-2021-001)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil> .