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This standard has been approved by the BuWep (Department of the Navy) and the Department of the USAF and is mandatory for use by that activity. All other military activities are required to employ this standard where suitable.

# MS9083(ASG)

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SECTION AT S  
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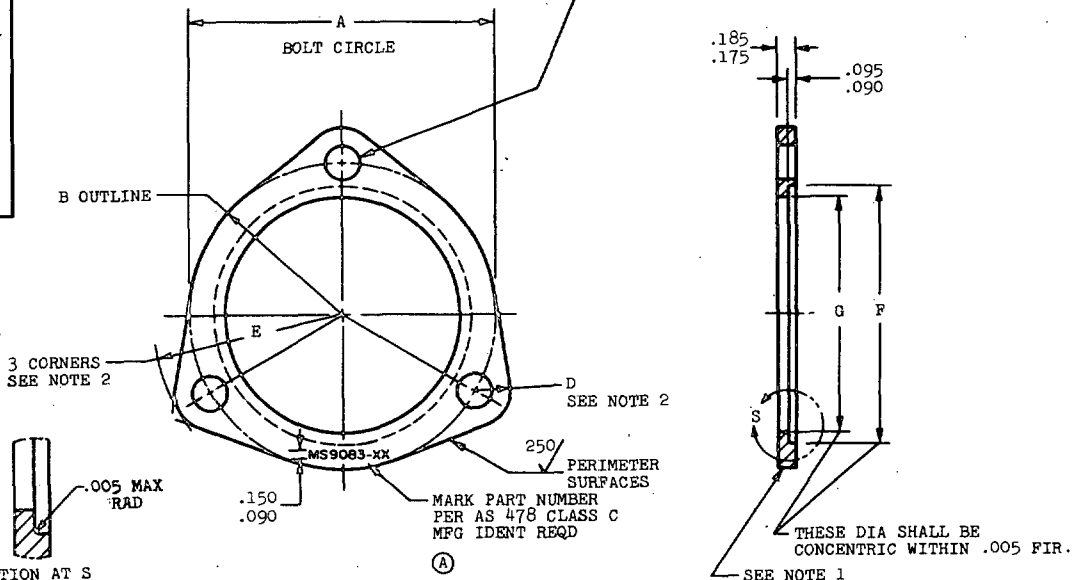
1. PERIMETER LIMITS MAY BE EXCEEDED BY FORGING DRAFT ANGLE OF 7° MAX.
2. CORNER RADIUS MAY VARY BETWEEN D AND E.
3. MATERIAL: STEEL AMS 6322.
4. HARDNESS: ROCKWELL C26-32.
5. FINISH: CADMIUM PLATE AMS 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
6. SURFACE ROUGHNESS: AS 291. UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES.
7. PARTS SUBJECT TO MAGNETIC PARTICLE INSPECTION PER AMS 2640.
8. BREAK SHARP EDGES .003-.015 UNLESS OTHERWISE SPECIFIED.
9. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED: TOLERANCES; LINEAR DIMENSIONS  $\pm .010$ .
10. DO NOT USE UNASSIGNED PART NUMBERS.

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

P.A. USAF - ASD	TITLE	MILITARY STANDARD <b>MS9083(ASG)</b>
Other Cust Navy - Wep	(A) COLLAR, SWIVEL-PILOTED O-RING, TUBE CONNECTION, 3 BOLT, AMS 6322	
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1

FED. SUP CLASS  
4730

C DIA-3 HOLES EQUALLY  
SPACED AND LOCATED WITHIN  
.005 OF TRUE POSITION IN  
RELATION TO F DIA



PART NUMBER	TUBE OD NOMINAL	A DIA BASIC	B RAD +.030 -.000	C DIA +.005 -.002	D RAD +.030 -.000	E RAD +.030 -.000	F DIA +.005 -.000	G DIA +.005 -.000	APPROX WEIGHT LBS/EA
MS9083-12	.750	1.602	.801	.281	.281	1.082	1.178	.968	.07
MS9083-14	.875	1.773	.886	.281	.281	1.168	1.369	1.159	.08
MS9083-16	1.000	1.898	.949	.281	.281	1.230	1.494	1.284	.08
MS9083-18	1.125	2.023	1.012	.281	.281	1.292	1.619	1.409	.09
MS9083-20	1.250	2.148	1.074	.281	.281	1.355	1.744	1.534	.09
MS9083-24	1.500	2.398	1.199	.281	.281	1.480	1.994	1.784	.10
MS9083-28	1.750	2.652	1.326	.281	.281	1.607	2.248	2.038	.11
MS9083-32	2.000	2.964	1.482	.344	.344	1.826	2.498	2.288	.15