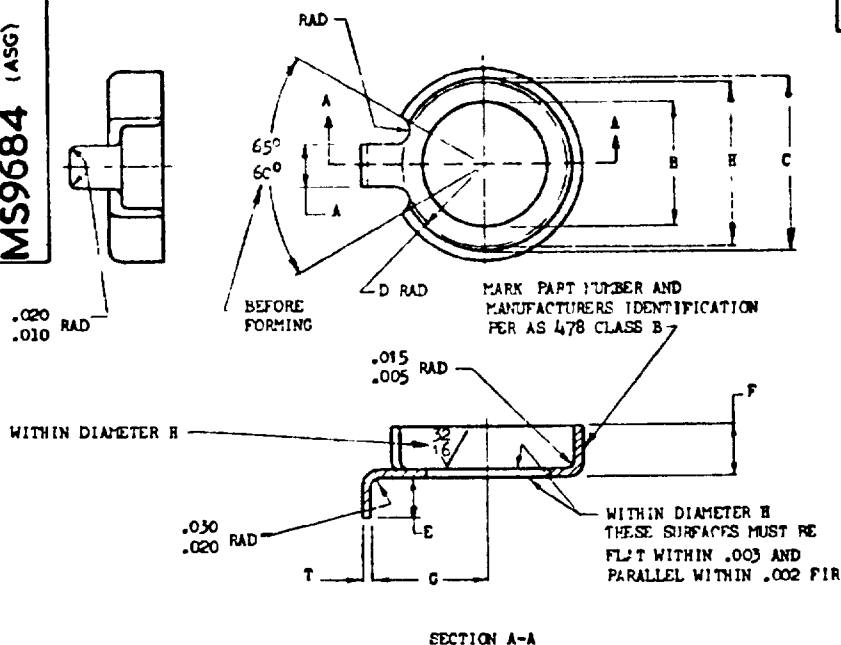


Review activities: USAF - 82, 85

This military standard is approved by the Department of the Air Force and the Bureau of Naval Weapons and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.

MS9684 (ASG)



FED SUP CLASS
5310

PART NUMBERS	NOM SIZE	A +.005 -.000	B +.010 -.005	C +.005 -.000	D +.000 -.010	E +.010 -.000	F +.010 -.000	G +.010 -.005	T		R	APPROX WEIGHT LB/100
									MIN	MAX		
MS9684-09	.190	.110	.219	.377	.170	.095	.140	.226	.019	.025	.47	.15
MS9684-10	.250	.110	.281	.440	.205	.100	.165	.270	.028	.036	.410	.30
MS9684-11	.312	.140	.344	.502	.255	.100	.165	.330	.026	.036	.472	.34
MS9684-12	.375	.140	.406	.564	.265	.140	.165	.370	.028	.036	.534	.38

1. DIAMETERS B & C SHALL BE CONCENTRIC WITHIN .005 FIR.
2. MATERIAL: CORROSION RESISTANT STEEL AMS 5510.
3. SURFACE ROUGHNESS: AS 291 - UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICRONS.
4. REMOVE BURRS AND SHARP EDGES.
5. DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED.
6. HEAT TREATMENT: FORMED WASHERS SHALL BE ANNEALED AT 1925°F. TO 1975°F FOR 5 TO 10 MINUTES AND COOLED IN STILL AIR. WASHERS TO BE DESCALED.
7. DO NOT USE UNASSIGNED PART NUMBERS.

INACTIVE FOR NEW DESIGN AFTER 15 MAY 1968. USE MS9880

INTERCHANGEABILITY RELATIONSHIP - MS9880 PARTS CAN UNIVERSALLY REPLACE THE INACTIVATED MS9684 PARTS IDENTIFIED BY THE SAME DASH NUMBERS. BUT THE INACTIVATED MS PARTS CANNOT REPLACE THE SUPERSEDING MS9880 PARTS.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.

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

PA USAF - 11

Other Code

Navy - AS

TITLE

WASHER, CUP, LOCK - CRES AMS 5510

MILITARY STANDARD

MS9684 (ASG)

PROCUREMENT SPECIFICATION

NONE

SUPERSEDES

DD FORM 672-1 (Limited reproduction)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

5310 - P003

APPROVED 15 NOV 65 REVISED 15 MAY 68