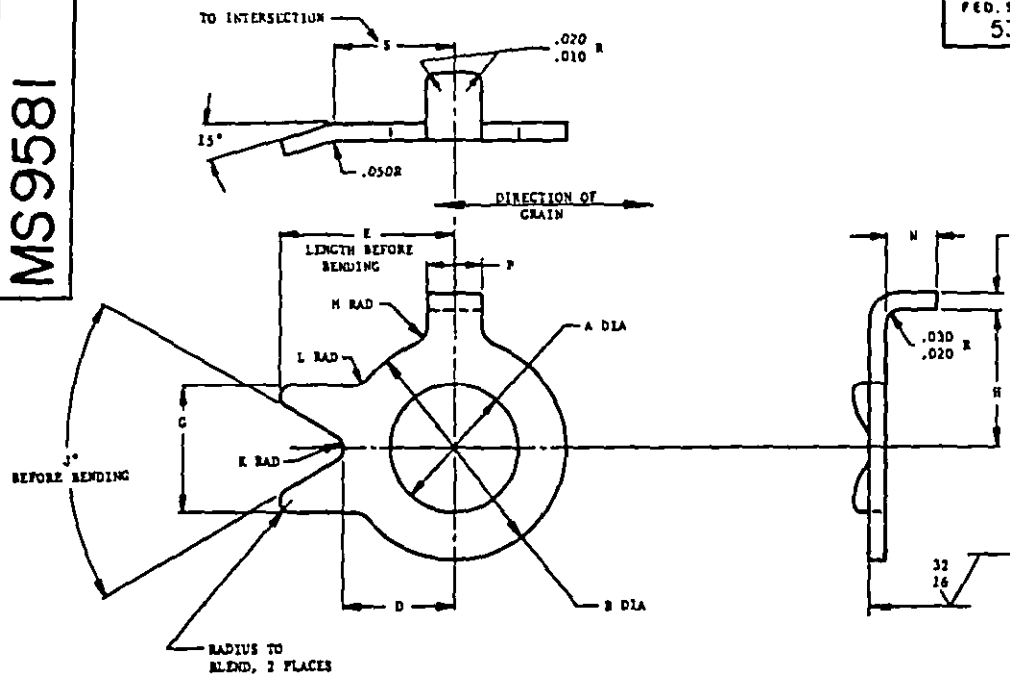


MS9581FED. SUP CLASS
5310

PART NO.	NOM SIZE	A +.005 -.000	B +.010 -.000	D +.005 -.000	E +.010 -.000	G +.010 -.000	H ±.005	J ±2°	K	L	M +.010 -.000	N +.005 -.000	P ±.005	S	T	APPROX WEIGHT LB/100
MS9581-08	.164	.170	.310	.160	.275	.175	.186	50°	.015	.037	.037	.080	.080	.180	.019-.025	.041
MS9581-09	.190	.195	.370	.190	.295	.200	.226	60°	.015	.037	.037	.095	.110	.210	.019-.025	.063
MS9581-10	.250	.255	.440	.220	.350	.250	.270	60°	.025	.040	.040	.100	.110	.240	.028-.036	.128
MS9581-11	.312	.320	.495	.250	.410	.280	.330	60°	.030	.040	.050	.100	.140	.280	.028-.036	.160
MS9581-12	.375	.390	.560	.280	.450	.320	.370	60°	.030	.040	.050	.140	.140	.320	.028-.036	.182
MS9581-13	.438	.450	.645	.345	.525	.390	.420	60°	.045	.040	.050	.130	.170	.380	.032-.040	.244
MS9581-14	.500	.515	.745	.375	.590	.425	.470	60°	.050	.050	.050	.130	.200	.420	.032-.040	.394
MS9581-15	.562	.575	.870	.440	.640	.500	.545	80°	.050	.050	.075	.130	.200	.480	.032-.040	.532
MS9581-16	.625	.640	.930	.470	.680	.530	.570	80°	.050	.050	.075	.150	.200	.500	.032-.040	.592
MS9581-17	.750	.765	1.035	.530	.730	.530	.670	90°	.050	.060	.100	.150	.230	.570	.032-.040	.709
MS9581-18	.875	.890	1.245	.625	.860	.600	.795	90°	.050	.060	.100	.150	.260	.680	.032-.040	.822
MS9581-19	1.000	1.015	1.430	.715	.950	.650	.870	90°	.100	.060	.100	.150	.290	.780	.032-.040	1.060

1. MATERIAL: CORROSION RESISTANT STEEL AMS 5510.
2. HEAT TREATMENT: FORGED WASHERS SHALL BE STRESS RELIEVED AT 1400 F ± 25 FOR 30 MINUTES IN A PROTECTIVE ATMOSPHERE FOLLOWED BY AIR COOL.
3. SURFACES WITHIN DIA B ARE TO BE FLAT WITHIN .005 AND OF UNIFORM THICKNESS WITHIN .002.
4. DIA A AND B TO BE CONCENTRIC WITHIN .010 FIR.
5. REMOVE BURRS AND SHARP EDGES.
6. SURFACE TEXTURE: AMS 1946.1-1962; UNLESS OTHERWISE SPECIFIED SURFACES TO BE 125 MICROINCHES.
7. IDENTIFICATION: MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION ON CONTAINER.
8. DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: LINEAR DIMENSIONS ± .010 ANGULAR DIMENSIONS ± 5°.
9. DO NOT USE UNASSIGNED PART NUMBERS.

AS & AMS ARE SOCIETY OF AUTOMOTIVE ENGINEERS, INC. PUBLICATIONS.
THIS STANDARD WAS DEVELOPED COOPERATIVELY WITH THE MILITARY SERVICES BY THE SAE AEROSPACE PART STANDARDS DIVISION.

P.A. Other Code	USAF - 82 NAVY - AS ARMY - AV	TITLE WASHER, KEY-CRES, AMS 5510, 90° LOCKING	MILITARY STANDARD MS9581
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 1 OF 1	

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 apply this standard where suitable.

DD FORM 672-1 (limited circulation)
15C use only

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

5310-0568

APPROVED 24 Sep 63 REVISED 12 Aug 68 12 Jan 73