

REV.
A

AS9581

RATIONALE

FEDERAL SUPPLY CLASS
5310

THIS DOCUMENT HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE 5-YEAR REVIEW POLICY.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9581B, NOTICE 1. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

ANY REQUIREMENTS ASSOCIATED WITH QUALIFIED PRODUCTS LISTS (QPL) MAY CONTINUE TO BE MANDATORY FOR DOD CONTRACTS. REQUIREMENTS RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

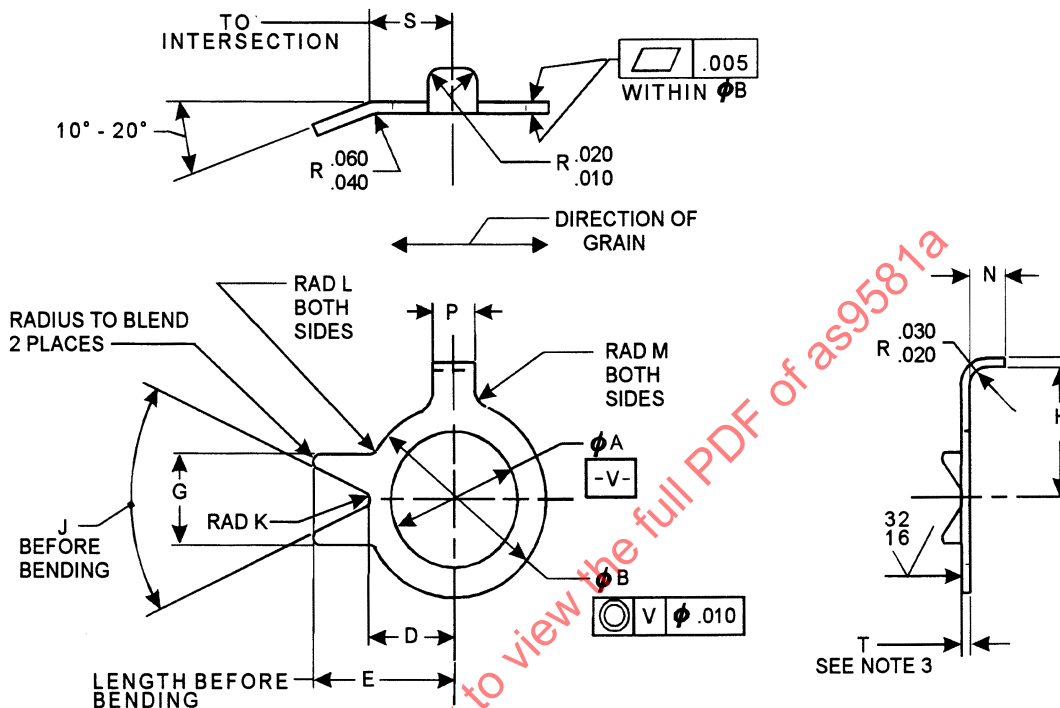
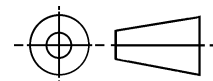


FIGURE 1 - WASHER

TABLE 1 - DIMENSIONS

PART NUMBER	NOM SIZE	A	B	D	E	G	H	J
MS9581-08	.1640	.170 - .175	.310 - .320	.160 - .165	.275 - .285	.175 - .185	.181 - .191	48° - 52°
MS9581-09	.1900	.195 - .200	.370 - .380	.190 - .195	.295 - .305	.200 - .210	.221 - .231	58° - 62°
MS9581-10	.2500	.255 - .260	.440 - .450	.220 - .225	.350 - .360	.250 - .260	.265 - .275	58° - 62°
MS9581-11	.3125	.320 - .325	.495 - .505	.250 - .255	.410 - .420	.280 - .290	.325 - .335	58° - 62°
MS9581-12	.3750	.390 - .395	.560 - .570	.280 - .285	.450 - .460	.320 - .330	.365 - .375	58° - 62°
MS9581-13	.4375	.450 - .455	.685 - .695	.345 - .350	.525 - .535	.390 - .400	.415 - .425	58° - 62°
MS9581-14	.5000	.515 - .520	.745 - .755	.375 - .380	.590 - .600	.425 - .435	.465 - .475	58° - 62°
MS9581-15	.5625	.575 - .580	.870 - .880	.440 - .445	.640 - .650	.500 - .510	.540 - .550	78° - 82°
MS9581-16	.6250	.640 - .645	.930 - .940	.470 - .475	.680 - .690	.530 - .540	.565 - .575	78° - 82°
MS9581-17	.7500	.765 - .770	1.055 - 1.065	.530 - .535	.730 - .740	.550 - .560	.665 - .675	88° - 92°
MS9581-18	.8750	.890 - .895	1.245 - 1.255	.625 - .630	.860 - .870	.600 - .610	.790 - .800	88° - 92°
MS9581-19	1.0000	1.015 - 1.020	1.430 - 1.440	.715 - .720	.950 - .960	.650 - .660	.865 - .875	88° - 92°

THIRD ANGLE PROJECTION



PREPARED BY SAE COMMITTEE E-25, GENERAL STANDARDS FOR AEROSPACE PROPULSION SYSTEMS

SAE Aerospace
An SAE International Group

(R)

AEROSPACE STANDARD

WASHER, KEY - 90 DEG. LOCKING,
CRES, UNS S32100

AS9581
SHEET 1 OF 2

**REV.
A**