FEDERAL SUPPLY CLASS
5330

RATIONALE

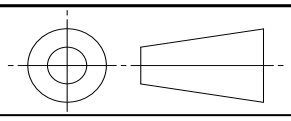
AS9205B HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9205A(ASG), AMENDMENT 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.

ISSUED 1998-11 REVISED 2004-07 REAFFIRMED 2012-11

THIRD ANGLE PROJECTION



SAE values your input. To provide feedback on this Technical Report, please visit
http://www.sae.org/technical/standards/AS9205B

CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

GASKET - METAL O-RING,
.125 TUBE X .010 WALL, CRES -
UNS S32100

SAE AS9205

REV. B

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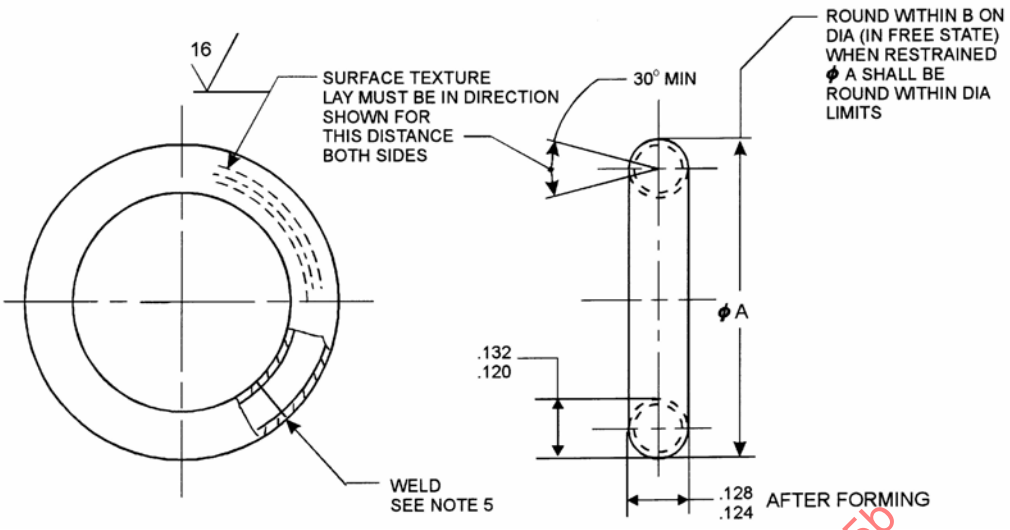

FIGURE 1

TABLE 1 - PART NUMBERS AND DIMENSIONS

PART NO.	A +.005 -.000	TOL B	APPROX. MASS LB/100
* MS9205-010	2.000	.030	.640
MS9205-011	2.062	.030	.660
MS9205-012	2.125	.030	.680
MS9205-013	2.188	.030	.700
* MS9205-014	2.250	.030	.720
MS9205-015	2.312	.030	.740
MS9205-016	2.375	.030	.760
MS9205-017	2.438	.030	.780
*MS9205-018	2.500	.030	.800
MS9205-019	2.562	.060	.820
MS9205-020	2.625	.060	.840
MS9205-021	2.688	.060	.860
* MS9205-022	2.750	.060	.880
MS9205-023	2.812	.060	.900
MS9205-024	2.875	.060	.920
MS9205-025	2.938	.060	.940
* MS9205-026	3.000	.060	.960
MS9205-027	3.062	.060	.980

PART NO.	A +.005 -.000	TOL B	APPROX. MASS LB/100
MS9205-028	3.125	.060	1.000
MS9205-029	3.188	.060	1.020
MS9205-030	3.250	.060	1.040
MS9205-031	3.312	.060	1.060
MS9205-032	3.375	.060	1.080
MS9205-033	3.438	.060	1.100
* MS9205-034	3.500	.060	1.120
MS9205-035	3.562	.060	1.140
MS9205-036	3.625	.060	1.160
MS9205-037	3.688	.060	1.180
MS9205-038	3.750	.060	1.200
MS9205-039	3.812	.060	1.220

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

PART NO.	A +.005 -.000	TOL B	APPROX. MASS LB/100
MS9205-040	3.875	.060	1.240
MS9205-041	3.938	.060	1.260
*MS9205-042	4.000	.060	1.280
MS9205-043	4.062	.060	1.300
MS9205-044	4.125	.060	1.320
MS9205-045	4.188	.060	1.340
MS9205-046	4.250	.060	1.360
MS9205-047	4.312	.060	1.380
MS9205-048	4.375	.060	1.400
MS9205-049	4.438	.060	1.420
*MS9205-050	4.500	.060	1.440
MS9205-051	4.562	.060	1.460
MS9205-052	4.625	.060	1.480
MS9205-053	4.688	.060	1.500
MS9205-054	4.750	.060	1.520
MS9205-055	4.812	.060	1.540
MS9205-056	4.875	.060	1.560
MS9205-057	4.938	.060	1.580
*MS9205-058	5.000	.060	1.600
MS9205-059	5.062	.090	1.620
MS9205-060	5.125	.090	1.640
MS9205-061	5.188	.090	1.660
MS9205-062	5.250	.090	1.680
MS9205-063	5.312	.090	1.700
MS9205-064	5.375	.090	1.720
MS9205-065	5.438	.090	1.740
*MS9205-066	5.500	.090	1.760
MS9205-067	5.562	.090	1.780
MS9205-068	5.625	.090	1.800
MS9205-069	5.688	.090	1.820
MS9205-070	5.750	.090	1.840
MS9205-071	5.812	.090	1.860
MS9205-072	5.875	.090	1.880
MS9205-073	5.938	.090	1.900
*MS9205-074	6.000	.090	1.920
MS9205-076	6.125	.090	1.960
MS9205-078	6.250	.090	2.000
MS9205-080	6.375	.090	2.040
MS9205-082	6.500	.090	2.080
MS9205-084	6.625	.090	2.120
MS9205-086	6.750	.090	2.160
MS9205-088	6.875	.090	2.200
*MS9205-090	7.000	.090	2.240
MS9205-092	7.125	.090	2.280
MS9205-094	7.250	.090	2.320
MS9205-096	7.375	.090	2.360
MS9205-098	7.500	.090	2.400
MS9205-100	7.625	.090	2.440
MS9205-102	7.750	.090	2.480
MS9205-104	7.875	.090	2.520
*MS9205-106	8.000	.090	2.560

PART NO.	A +.005 -.000	TOL B	APPROX. MASS LB/100
MS9205-108	8.125	.090	2.600
MS9205-110	8.250	.090	2.640
MS9205-112	8.375	.090	2.680
MS9205-114	8.500	.090	2.720
MS9205-116	8.625	.090	2.760
MS9202-118	8.750	.090	2.800
MS9205-120	8.875	.090	2.840
* MS9205-122	9.000	.090	2.880
MS9205-126	9.250	.090	2.960
MS9205-130	9.500	.090	3.040
MS9205-134	9.750	.090	3.120
* MS9205-138	10.000	.090	3.200
MS9205-142	10.250	.125	3.280
MS9205-148	10.500	.125	3.360
MS9205-150	10.750	.125	3.440
* MS9205-154	11.000	.125	3.520
MS9205-156	11.250	.125	3.600
MS9205-162	11.500	.125	3.680
MS9205-166	11.750	.125	3.760
*MS9205-170	12.000	.125	3.840
MS9205-174	12.250	.150	3.920
MS9205-178	12.500	.150	4.000
MS9205-182	12.750	.150	4.080
MS9205-186	13.000	.150	4.160
MS9205-190	13.250	.150	4.240
MS9205-194	13.500	.150	4.320
MS9205-198	13.750	.150	4.400
* MS9205-202	14.000	.150	4.480
MS9205-206	14.250	.175	4.560
MS9205-210	14.500	.175	4.640
MS9205-214	14.750	.175	4.720
MS9205-218	15.000	.175	4.800
MS9205-222	15.250	.175	4.880
MS9205-226	15.500	.175	4.960
MS9205-230	15.750	.175	5.040
* MS9205-234	16.000	.175	5.120
MS9205-238	16.250	.200	5.200
MS9205-242	16.500	.200	5.280
MS9205-246	16.750	.200	5.360
MS9205-250	17.000	.200	5.440
MS9205-254	17.250	.200	5.520
MS9205-258	17.500	.200	5.600
MS9205-262	17.750	.200	5.680
*MS9205-266	18.000	.200	5.760
MS9205-270	18.250	.200	5.840
MS9205-274	18.500	.200	5.920
MS9205-278	18.750	.200	6.000
MS9205-282	19.000	.200	6.080
MS9205-286	19.250	.250	6.160
MS9205-290	19.500	.250	6.240
MS9205-294	19.750	.250	6.320

TABLE 1 - PART NUMBERS AND DIMENSIONS (CONTINUED)

PART NO.	A +.005 -.000	TOL B	APPROX. MASS LB/100
*MS9205-298	20.000	.250	6.400
MS9205-306	20.500	.250	6.560
MS9205-314	21.000	.250	6.720
MS9205-322	21.500	.250	6.880
*MS9205-330	22.000	.250	7.040
MS9205-338	22.500	.500	7.200
MS9205-346	23.000	.500	7.360
MS9205-354	23.500	.500	7.520
*MS9205-362	24.000	.500	7.680
MS9205-370	24.500	.500	7.840
MS9205-378	25.000	.500	8.000
MS9205-386	25.500	.500	8.160
MS9205-394	26.000	.500	8.320
MS9205-402	26.500	.500	8.480
MS9205-410	27.000	.500	8.640
MS9205-418	27.500	.500	8.800
*MS9205-426	28.000	.500	8.960
MS9205-434	28.500	.500	9.120
MS9205-442	29.000	.500	9.280
MS9205-450	29.500	.500	9.440
MS9205-458	30.000	.500	9.600
MS9205-466	30.500	.500	9.760
MS9205-474	31.000	.500	9.920
MS9205-482	31.500	.500	10.080
* MS9205-490	32.000	.500	10.240
MS9205-498	32.500	.500	10.400
MS9205-506	33.000	.500	10.560

PART NO.	A +.005 -.000	TOL B	APPROX. MASS LB/100
MS9205-514	33.500	.500	10.720
MS9205-522	34.000	.500	10.880
MS9205-530	34.500	.500	11.040
MS9205-538	35.000	.500	11.200
MS9205-546	35.500	.500	11.360
*MS9205-554	36.000	.500	11.520
MS9205-562	36.500	.500	11.680
MS9205-570	37.000	.500	11.840
MS9205-578	37.500	.500	12.000
MS9205-586	38.000	.500	12.160
MS9205-594	38.500	.500	12.320
MS9205-602	39.000	.500	12.480
MS9205-610	39.500	.500	12.640
*MS9205-618	40.000	1.000	12.800
MS9205-634	41.000	1.000	13.120
MS9205-650	42.000	1.000	13.440
MS9205-666	43.000	1.000	13.760
MS9205-682	44.000	1.000	14.080
*MS9205-698	45.000	1.000	14.400
MS9205-714	46.000	1.000	14.720
MS9205-730	47.000	1.000	14.040
MS9205-746	48.000	1.000	15.360
MS9205-762	49.000	1.000	15.680
*MS9205-778	50.000	1.000	16.000

NOTES:

1. *PREFERRED SIZES.
2. MATERIAL: STEEL, CORROSION AND HEAT RESISTANT, TUBING AMS 5570 (UNS S32100) OR AMS 5576 (UNS S32100). TUBE SIZE .124-.127 DIA, WALL THICKNESS .009-.011.
3. PROCUREMENT SPECIFICATION: AS7325.
4. RING SHALL BE FLAT WITHIN B.
5. FINISH WELD FLUSH WITH TUBE OD. SMOOTH BLEND WITHIN .125 OF WELD. DIMENSIONS AT BLEND SHALL NOT BE MORE THAN .004 BELOW ADJACENT SURFACES.
6. IDENTIFICATION: MARK PART NUMBER AND MANUFACTURER'S IDENTIFICATION ON CONTAINER.
7. SURFACE TEXTURE: SYMBOLS PER ASME Y14.36M. REQUIREMENTS PER ASME B46.1.
8. DIMENSIONING AND TOLERANCING PER ANSI Y14.5M-1982 (ASME PUBLICATION).