

REV.
A

SAE AS9603

RATIONALE

FEDERAL SUPPLY CLASS
5340

AS9603A HAS BEEN REAFFIRMED TO COMPLY WITH THE SAE FIVE-YEAR REVIEW POLICY.

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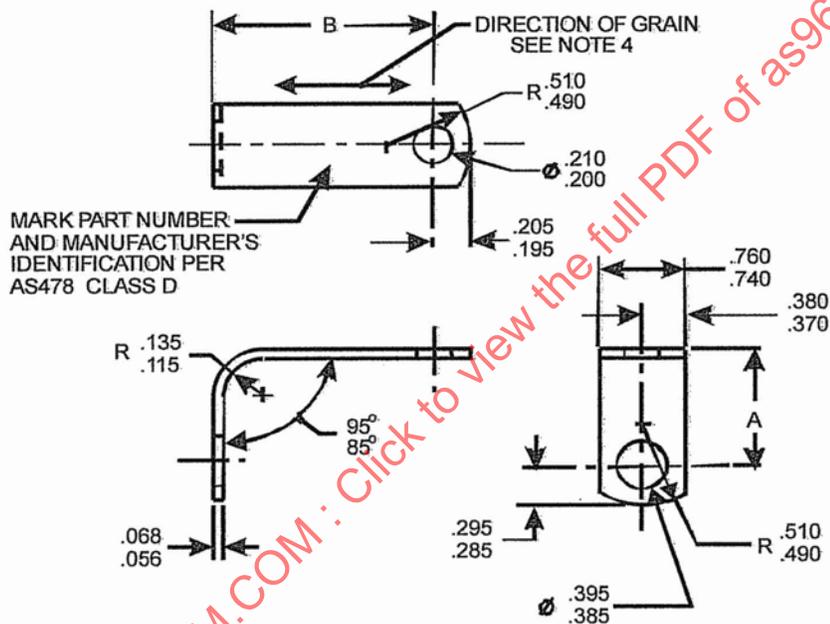
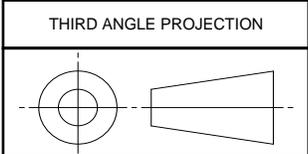


FIGURE 1 - ANGLE BRACKET

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CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
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AEROSPACE STANDARD

BRACKET, ANGLE, 90°, CRES UNS S41000,
.190 X .375 BOLT

SAE AS9603
SHEET 1 OF 4

REV. A

ISSUED 1998-02 REVISED 2005-12 REAFFIRMED 2012-11

TABLE 1 – PART NUMBERS AND DIMENSIONS.

B LENGTH	A - LENGTH				
	.552 - .572	.615 - .635	.678 - .698	.740 - .760	.802 - .822
	PART NUMBER				
.428 - .448	*MS9603-005	*MS9603-035	*MS9603-065	*MS9603-095	MS9603-125
.490 - .510	*MS9603-006	*MS9603-036	*MS9603-066	*MS9603-096	MS9603-126
.552 - .572	*MS9603-007	*MS9603-037	*MS9603-067	*MS9603-097	MS9603-127
.615 - .635	*MS9603-008	*MS9603-038	*MS9603-068	*MS9603-098	MS9603-128
.678 - .698	*MS9603-009	*MS9603-039	*MS9603-069	*MS9603-099	MS9603-129
.740 - .760	*MS9603-010	*MS9603-040	*MS9603-070	*MS9603-100	MS9603-130
.802 - .822	MS9603-011	MS9603-041	MS9603-071	MS9603-101	MS9603-131
.865 - .885	*MS9603-012	*MS9603-042	*MS9603-072	*MS9603-102	MS9603-132
.928 - .948	MS9603-013	MS9603-043	MS9603-073	MS9603-103	MS9603-133
.990 - 1.010	*MS9603-014	*MS9603-044	*MS9603-074	*MS9603-104	MS9603-134
1.052 - 1.072	MS9603-015	MS9603-045	MS9603-075	MS9603-105	MS9603-135
1.115 - 1.135	*MS9603-016	*MS9603-046	*MS9603-076	*MS9603-106	MS9603-136
1.178 - 1.198	MS9603-017	MS9603-047	MS9603-077	MS9603-107	MS9603-137
1.240 - 1.260	*MS9603-018	*MS9603-048	*MS9603-078	*MS9603-108	MS9603-138
1.302 - 1.322	MS9603-019	MS9603-049	MS9603-079	MS9603-109	MS9603-139
1.365 - 1.385	*MS9603-020	*MS9603-050	*MS9603-080	*MS9603-110	MS9603-140
1.428 - 1.448	MS9603-021	MS9603-051	MS9603-081	MS9603-111	MS9603-140
1.490 - 1.510	*MS9603-022	*MS9603-052	*MS9603-082	*MS9603-112	MS9603-142

*PREFERRED SIZES.

TABLE 1 – PART NUMBERS AND DIMENSIONS - CONTINUED.

B LENGTH	A - LENGTH				
	.865 - .885	.928 - .948	.990 - 1.010	1.052 - 1.072	1.115 - 1.135
	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
.428 - .448	*MS9603-155	MS9603-185	*MS9603-215	MS9603-245	*MS9603-275
.490 - .510	*MS9603-156	MS9603-186	*MS9603-216	MS9603-246	*MS9603-276
.552 - .572	*MS9603-157	MS9603-187	*MS9603-217	MS9603-247	*MS9603-277
.615 - .635	*MS9603-158	MS9603-188	*MS9603-218	MS9603-248	*MS9603-278
.678 - .698	*MS9603-159	MS9603-189	*MS9603-219	MS9603-249	*MS9603-279
.740 - .760	*MS9603-160	MS9603-190	*MS9603-220	MS9603-250	*MS9603-280
.802 - .822	MS9603-161	MS9603-191	MS9603-221	MS9603-251	MS9603-281
.865 - .885	*MS9603-162	MS9603-192	*MS9603-222	MS9603-252	*MS9603-282
.928 - .948	MS9603-163	MS9603-193	MS9603-223	MS9603-253	MS9603-283
.990 - 1.010	*MS9603-164	MS9603-194	*MS9603-224	MS9603-254	*MS9603-284
1.052 - 1.072	MS9603-165	MS9603-195	MS9603-225	MS9603-255	MS9603-285
1.115 - 1.135	*MS9603-166	MS9603-196	*MS9603-226	MS9603-256	*MS9603-286
1.178 - 1.198	MS9603-167	MS9603-197	MS9603-227	MS9603-257	MS9603-287
1.240 - 1.260	*MS9603-168	MS9603-198	*MS9603-228	MS9603-258	*MS9603-288
1.302 - 1.322	MS9603-169	MS9603-199	MS9603-229	MS9603-259	MS9603-289
1.365 - 1.385	*MS9603-170	MS9603-200	*MS9603-230	MS9603-260	*MS9603-290
1.428 - 1.448	MS9603-171	MS9603-201	MS9603-231	MS9603-261	MS9603-291
1.490 - 1.510	*MS9603-172	MS9603-202	*MS9603-232	MS9603-262	*MS9603-292

*PREFERRED SIZES.

TABLE 1 – PART NUMBERS AND DIMENSIONS - CONTINUED.

B LENGTH	A - LENGTH				
	1.178 – 1.198	1.240 – 1.260	1.302 – 1.322	1.365 – 1.385	1.428 – 1.448
	PART NUMBER				
.428 - .448	MS9603-305	*MS9603-335	MS9603-365	*MS9603-395	MS9603-425
.490 - .510	MS9603-306	*MS9603-336	MS9603-366	*MS9603-396	MS9603-426
.552 - .572	MS9603-307	*MS9603-337	MS9603-367	*MS9603-397	MS9603-427
.615 - .635	MS9603-308	*MS9603-338	MS9603-368	*MS9603-398	MS9603-428
.678 - .698	MS9603-309	*MS9603-339	MS9603-369	*MS9603-399	MS9603-429
.740 - .760	MS9603-310	*MS9603-340	MS9603-370	*MS9603-400	MS9603-430
.802 - .822	MS9603-311	MS9603-341	MS9603-371	MS9603-401	MS9603-431
.865 - .885	MS9603-312	*MS9603-342	MS9603-372	*MS9603-402	MS9603-432
.928 - .948	MS9603-313	MS9603-343	MS9603-373	MS9603-403	MS9603-433
.990 - 1.010	MS9603-314	*MS9603-344	MS9603-374	*MS9603-404	MS9603-434
1.052 - 1.072	MS9603-315	MS9603-345	MS9603-375	MS9603-405	MS9603-435
1.115 - 1.135	MS9603-316	*MS9603-346	MS9603-376	*MS9603-406	MS9603-436
1.178 - 1.198	MS9603-317	MS9603-347	MS9603-377	MS9603-407	MS9603-437
1.240 - 1.260	MS9603-318	*MS9603-348	MS9603-378	*MS9603-408	MS9603-438
1.302 - 1.322	MS9603-319	MS9603-349	MS9603-379	MS9603-409	MS9603-439
1.365 - 1.385	MS9603-320	*MS9603-350	MS9603-380	*MS9603-410	MS9603-440
1.428 - 1.448	MS9603-321	MS9603-351	MS9603-381	MS9603-410	MS9603-441
1.490 - 1.510	MS9603-322	*MS9603-352	MS9603-382	*MS9603-412	MS9603-442

*PREFERRED SIZES.

TABLE 1 – PART NUMBERS AND DIMENSIONS - CONTINUED.

B LENGTH	A - LENGTH				
	1.490 – 1.510	1.615 – 1.635	1.740 – 1.760	1.865 – 1.885	1.990 – 2.010
	PART NUMBER				
.428 - .448	*MS9603-455	*MS9603-515	*MS9603-575	*MS9603-635	*MS9603-695
.490 - .510	*MS9603-456	*MS9603-516	*MS9603-576	*MS9603-636	*MS9603-696
.552 - .572	*MS9603-457	*MS9603-517	*MS9603-577	*MS9603-637	*MS9603-697
.615 - .635	*MS9603-458	*MS9603-518	*MS9603-578	*MS9603-638	*MS9603-698
.678 - .698	*MS9603-459	*MS9603-519	*MS9603-579	*MS9603-639	*MS9603-699
.740 - .760	*MS9603-460	*MS9603-520	*MS9603-580	*MS9603-640	*MS9603-700
.802 - .822	MS9603-461	MS9603-521	MS9603-581	MS9603-641	MS9603-701
.865 - .885	*MS9603-462	*MS9603-522	*MS9603-582	*MS9603-642	*MS9603-702
.928 - .948	MS9603-463	MS9603-523	MS9603-583	MS9603-643	MS9603-703
.990 - 1.010	*MS9603-464	*MS9603-524	*MS9603-584	*MS9603-644	*MS9603-704
1.052 - 1.072	MS9603-465	MS9603-525	MS9603-585	MS9603-645	MS9603-705
1.115 - 1.135	*MS9603-466	*MS9603-526	*MS9603-586	*MS9603-646	*MS9603-706
1.178 - 1.198	MS9603-467	MS9603-527	MS9603-587	MS9603-647	MS9603-707
1.240 - 1.260	*MS9603-468	*MS9603-528	*MS9603-588	*MS9603-648	*MS9603-708
1.302 - 1.322	MS9603-469	MS9603-529	MS9603-589	MS9603-649	MS9603-709
1.365 - 1.385	*MS9603-470	*MS9603-530	*MS9603-590	*MS9603-650	*MS9603-710
1.428 - 1.448	MS9603-471	MS9603-531	MS9603-591	MS9603-651	MS9603-711
1.490 - 1.510	*MS9603-472	*MS9603-532	*MS9603-592	*MS9603-652	*MS9603-712

*PREFERRED SIZES.