

REV.
A

SAE AS9603

RATIONALE

FEDERAL SUPPLY CLASS
5340

AS9603A 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 MS9603B. THIS SAE STANDARD RETAINS THE SAME PART NUMBERS ESTABLISHED BY THE ORIGINAL MILITARY DOCUMENT.

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

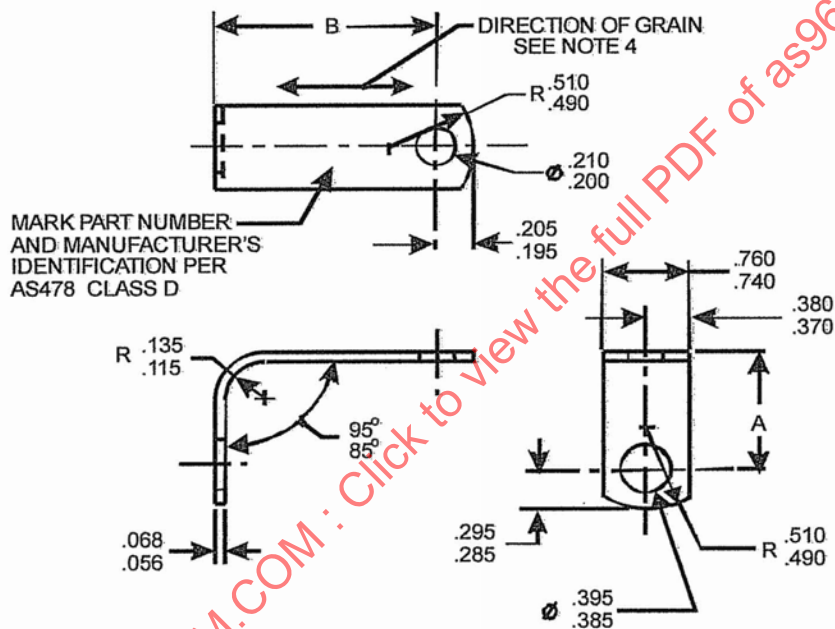
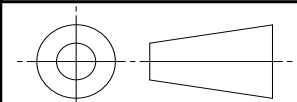


FIGURE 1 - ANGLE BRACKET

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS9603A>

THIRD ANGLE PROJECTION



CUSTODIAN: E-25

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS9603
SHEET 1 OF 4

REV.
A

TABLE 1 – PART NUMBERS AND DIMENSIONS.

B LENGTH	A - LENGTH				
	.552 - .572	.615 - .635	.678 - .698	.740 - .760	.802 - .822
	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER	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	PART NUMBER	PART NUMBER	PART NUMBER	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	PART NUMBER	PART NUMBER	PART NUMBER	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.