

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

AS9600

Submitted for recognition as an American National Standard

FEDERAL SUPPLY CLASS
5340

NOTICE

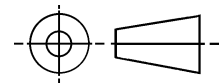
THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MS9600 AND CONTAINS ONLY MINOR EDITORIAL AND FORMAT CHANGES REQUIRED TO BRING IT INTO CONFORMANCE WITH THE PUBLISHING REQUIREMENTS OF SAE TECHNICAL STANDARDS. THE INITIAL RELEASE OF THIS DOCUMENT IS INTENDED TO REPLACE MS9600. ANY PART NUMBERS ESTABLISHED BY THE ORIGINAL SPECIFICATION REMAIN UNCHANGED.

THE ORIGINAL MILITARY SPECIFICATION WAS ADOPTED AS AN SAE STANDARD UNDER THE PROVISIONS OF THE SAE TECHNICAL STANDARDS BOARD (TSB) RULES AND REGULATIONS (TSB 001) PERTAINING TO ACCELERATED ADOPTION OF GOVERNMENT SPECIFICATIONS AND STANDARDS. TSB RULES PROVIDE FOR (A) THE PUBLICATION OF PORTIONS OF UNREVISED GOVERNMENT SPECIFICATIONS AND STANDARDS WITHOUT CONSENSUS VOTING AT THE SAE COMMITTEE LEVEL, AND (B) THE USE OF THE EXISTING GOVERNMENT SPECIFICATION OR STANDARD FORMAT.

ANY MATERIAL RELATING TO QUALIFIED PRODUCT LISTS HAS NOT BEEN ADOPTED BY SAE. THIS MATERIAL WAS PART OF THE ORIGINAL MILITARY SPECIFICATION AND IS REPRINTED HERE FOR HISTORIC REFERENCE ONLY.

SAENORM.COM : Click to view the full PDF of as9600

THIRD ANGLE PROJECTION



ISSUED 1998-01

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

SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space®
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

BRACKET, ANGLE, 90°, CRES
.190 BOLT

AS9600
SHEET 1 OF 4

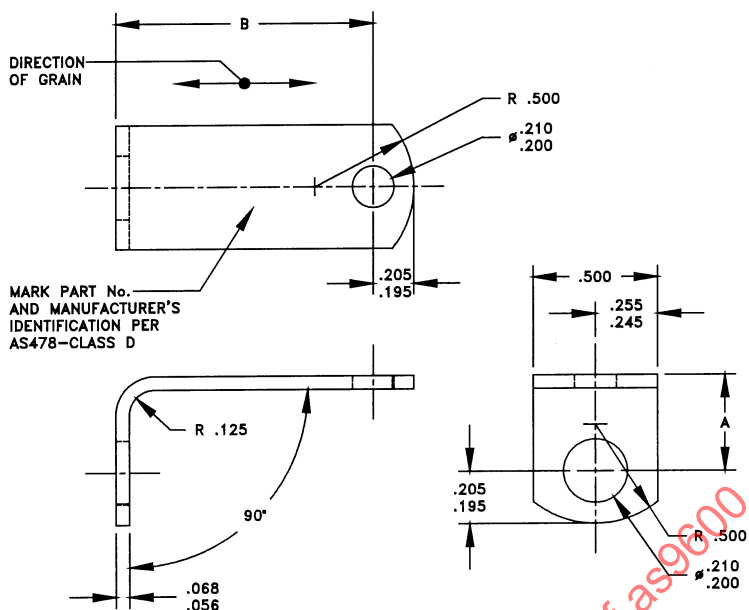


FIGURE 1 - ANGLE BRACKET

TABLE 1 - DASH NUMBERS AND DIMENSIONS

B LENGTH	A - LENGTH					
	.438	.500	.562	.625	.688	.750
	DASH NUMBERS					
.438	-005 1/					
.500	-006 1/	-046 1/				
.562	-007 1/	-047 1/	-087 1/			
.625	-008 1/	-048 1/	-088 1/	-128 1/		
.688	-009 1/	-049 1/	-089 1/	-129 1/	-169 1/	
.750	-010 1/	-050 1/	-090 1/	-130 1/	-170 1/	-210 1/
.812	-011	-051	-091	-131	-171	-211
.875	-012 1/	-052 1/	-092 1/	-132 1/	-172 1/	-212 1/
.938	-013	-053	-093	-133	-173	-213
1.000	-014 1/	-054 1/	-094 1/	-134 1/	-174 1/	-214 1/
1.062	-015	-055	-095	-135	-175	-215
1.125	-016 1/	-056 1/	-096 1/	-136 1/	-176 1/	-216 1/
1.188	-017	-057	-097	-137	-177	-217
1.250	-018 1/	-058 1/	-098 1/	-138 1/	-178 1/	-218 1/
1.312	-019	-059	-099	-139	-179	-219
1.375	-020 1/	-060 1/	-100 1/	-140 1/	-180 1/	-220 1/
1.438	-021	-061	-101	-141	-181	-221
1.500	-022 1/	-062 1/	-102 1/	-142 1/	-182 1/	-222 1/
1.562	-023	-063	-103	-143	-183	-223
1.625	-024 1/	-064 1/	-104 1/	-144 1/	-184 1/	-224 1/
1.688	-025	-065	-105	-145	-185	-225
1.750	-026 1/	-066 1/	-106 1/	-146 1/	-186 1/	-226 1/
1.875	-027 1/	-067 1/	-107 1/	-147 1/	-187 1/	-227 1/

1/ PREFERRED SIZES

TABLE 1 - DASH NUMBERS AND DIMENSIONS - CONTINUED

B LENGTH	A - LENGTH			
	.812	.875	.938	1.000
	DASH NUMBERS			
.812	-251			
.875	-252	-292 <u>1/</u>		
.938	-253	-293	-333	
1.000	-254	-294 <u>1/</u>	-334	-374 <u>1/</u>
1.062	-255	-295	-335	-375
1.125	-256	-296 <u>1/</u>	-336	-376 <u>1/</u>
1.188	-257	-297	-337	-377
1.250	-258	-298 <u>1/</u>	-338	-378 <u>1/</u>
1.312	-259	-299	-339	-379
1.375	-260	-300 <u>1/</u>	-340	-380 <u>1/</u>
1.438	-261	-301	-341	-381
1.500	-262	-302 <u>1/</u>	-342	-382 <u>1/</u>
1.562	-263	-303	-343	-383
1.625	-264	-304 <u>1/</u>	-344	-384 <u>1/</u>
1.688	-265	-305	-345	-385
1.750	-266	-306 <u>1/</u>	-346	-386 <u>1/</u>
1.875	-267	-307 <u>1/</u>	-347	-387 <u>1/</u>

1/ PREFERRED SIZES

1. MATERIAL: CORROSION RESISTANT STEEL IN ACCORDANCE WITH ASTM 5504.
2. FINISH: HEAT TREATMENT AND CLEANING IN ACCORDANCE WITH AMS 2550.
3. HARDNESS: ROCKWELL C 30-38.
4. DIMENSIONS AND TOLERANCING SHALL BE IN ACCORDANCE WITH ANSI Y14.5M.
5. TOLERANCES: UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSION +/- .010, ANGULAR DIMENSIONS $\pm 5^\circ$.
6. EDGES: BREAK SHARP EDGES .003 - .015 UNLESS OTHERWISE SPECIFIED.
7. GRAIN FLOW SHOULD BE PARALLEL WITH ROLLING DIRECTION.
8. PART NUMBER: THE PART NUMBER SHALL CONSIST OF THE BASIC MS PART NUMBER FOLLOWED BY A DASH NUMBER FROM TABLE 1.

EXAMPLE: MS9600 - 005

DASH NUMBER

BASIC MS NUMBER

MS9598-005 INDICATES - BRACKET, ANGLE, 90°, CRES, .190 BOLT, .438 x .438 LONG.

NOTES:

1. ALL DIMENSIONS ARE IN INCHES.
2. DO NOT USE UNASSIGNED NUMBERS.
3. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.