

**AS9600**

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THIRD ANGLE PROJECTION



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

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**AEROSPACE STANDARD**

BRACKET, ANGLE, 90°, CRES  
.190 BOLT

**AS9600**  
SHEET 1 OF 4

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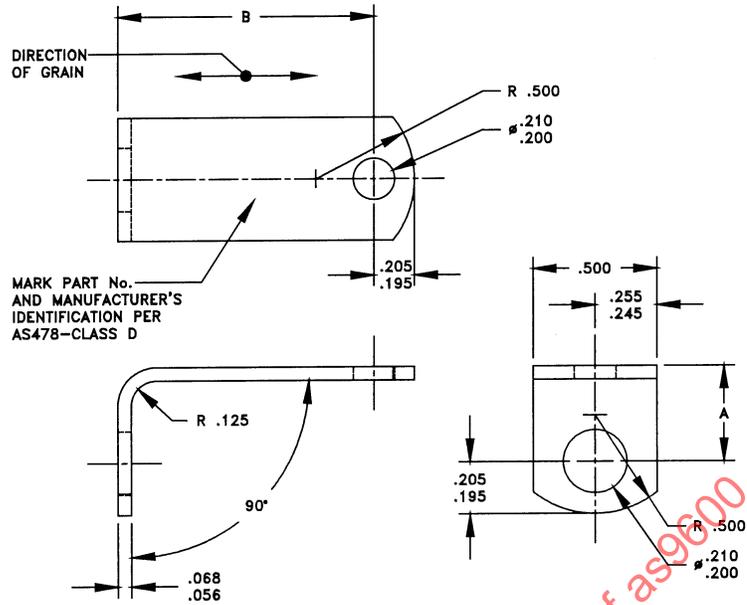


FIGURE 1 - ANGLE BRACKET

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 $\frac{1}{2}$		
.938	-253	-293	-333	
1.000	-254	-294 $\frac{1}{2}$	-334	-374 $\frac{1}{2}$
1.062	-255	-295	-335	-375
1.125	-256	-296 $\frac{1}{2}$	-336	-376 $\frac{1}{2}$
1.188	-257	-297	-337	-377
1.250	-258	-298 $\frac{1}{2}$	-338	-378 $\frac{1}{2}$
1.312	-259	-299	-339	-379
1.375	-260	-300 $\frac{1}{2}$	-340	-380 $\frac{1}{2}$
1.438	-261	-301	-341	-381
1.500	-262	-302 $\frac{1}{2}$	-342	-382 $\frac{1}{2}$
1.562	-263	-303	-343	-383
1.625	-264	-304 $\frac{1}{2}$	-344	-384 $\frac{1}{2}$
1.688	-265	-305	-345	-385
1.750	-266	-306 $\frac{1}{2}$	-346	-386 $\frac{1}{2}$
1.875	-267	-307 $\frac{1}{2}$	-347	-387 $\frac{1}{2}$

$\frac{1}{2}$  / 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.