

AS9598

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THIRD ANGLE PROJECTION



ISSUED 1998-02

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

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400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

BRACKET, ANGLE, 90°, CADMIUM PLATED
.190 x .312 BOLT

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SHEET 1 OF 4

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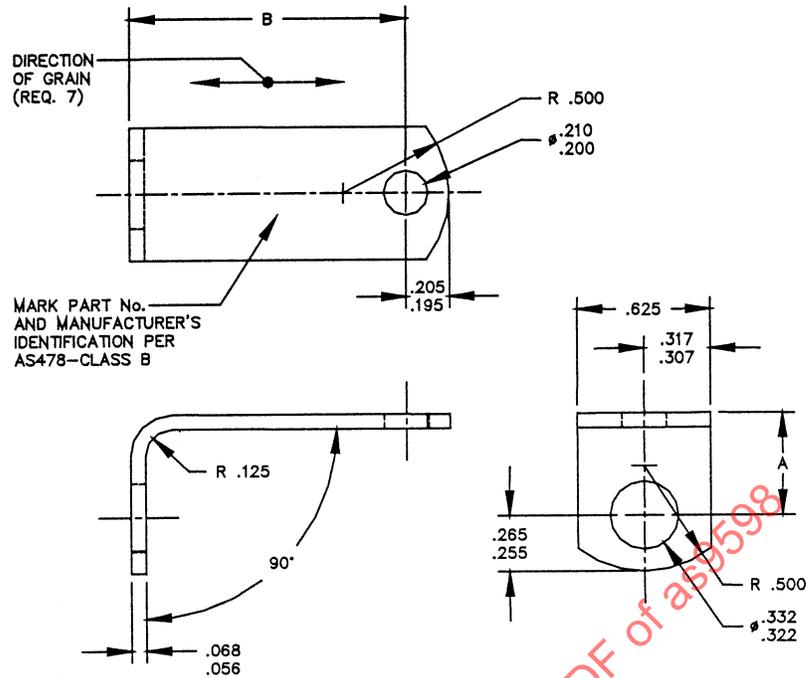


FIGURE 1 - ANGLE BRACKET

TABLE 1 - DASH NUMBERS AND DIMENSIONS

B LENGTH	A LENGTH						
	.500	.562	.625	.688	.750	.812	.875
	DASH NUMBERS						
.438	-005 1/	-035 1/	-065 1/	-095 1/	-125 1/	-155	-185 1/
.500	-006 1/	-036 1/	-066 1/	-096 1/	-126 1/	-156	-186 1/
.562	-007 1/	-037 1/	-067 1/	-097 1/	-127 1/	-157	-187 1/
.625	-008 1/	-038 1/	-068 1/	-098 1/	-128 1/	-158	-188 1/
.688	-009 1/	-039 1/	-069 1/	-099 1/	-129 1/	-159	-189 1/
.750	-010 1/	-040 1/	-070 1/	-100 1/	-130 1/	-160	-190 1/
.812	-011	-041	-071	-101	-131	-161	-191
.875	-012 1/	-042 1/	-072 1/	-102 1/	-132 1/	-162	-192 1/
.938	-013	-043	-073	-103	-133	-163	-193
1.000	-014 1/	-044 1/	-074 1/	-104 1/	-134 1/	-164	-194 1/
1.062	-015	-045	-075	-105	-135	-165	-195
1.125	-016 1/	-046 1/	-076 1/	-106 1/	-136 1/	-166 1/	-196 1/
1.188	-017	-047	-077	-107	-137	-167	-197
1.250	-018 1/	-048 1/	-078 1/	-108 1/	-138 1/	-168 1/	-198 1/
1.312	-019	-049	-079	-109	-139	-169	-199
1.375	-020 1/	-050 1/	-080 1/	-110 1/	-140 1/	-170 1/	-200 1/
1.438	-021	-051	-081	-111	-141	-171	-201
1.500	-022 1/	-052 1/	-082 1/	-112 1/	-142 1/	-172 1/	-202 1/

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TABLE 1 - DASH NUMBERS AND DIMENSIONS - CONTINUED

B LENGTH	A - LENGTH								
	.938	1.000	1.125	1.250	1.375	1.500	1.625	1.750	1.875
	DASH NUMBERS								
.438	-215	-245 1/	-305 1/	-365 1/	-425 1/	-485 1/	-545 1/	-605 1/	-665 1/
.500	-216	-246 1/	-306 1/	-366 1/	-426 1/	-486 1/	-546 1/	-606 1/	-666 1/
.562	-217	-247 1/	-331 1/	-367 1/	-427 1/	-487 1/	-547 1/	-607 1/	-667 1/
.625	-218	-248 1/	-332 1/	-368 1/	-428 1/	-488 1/	-548 1/	-608 1/	-668 1/
.688	-219	-249 1/	-309 1/	-369 1/	-429 1/	-489 1/	-549 1/	-609 1/	-669 1/
.750	-220	-250 1/	-310 1/	-370 1/	-430 1/	-490 1/	-550 1/	-610 1/	-670 1/
.812	-221	-251	-311	-371	-431	-491	-551	-611	-671
.875	-222	-252 1/	-312 1/	-372 1/	-432 1/	-492 1/	-552 1/	-612 1/	-672 1/
.938	-223	-253	-313	-373	-433	-493	-553	-613	-673
1.000	-224	-254 1/	-314 1/	-374 1/	-434 1/	-494 1/	-554 1/	-614 1/	-674 1/
1.062	-225	-255	-315	-375	-435	-495	-555	-615	-675
1.125	-226	-256 1/	-316 1/	-376 1/	-436 1/	-496 1/	-556 1/	-616 1/	-676 1/
1.188	-227	-257	-317	-377	-437	-497	-557	-617	-677
1.250	-228	-258 1/	-318 1/	-378 1/	-438 1/	-498 1/	-558 1/	-618 1/	-678 1/
1.312	-229	-259	-319	-379	-439	-499	-559	-619	-679
1.375	-230	-260 1/	-320 1/	-380 1/	-440 1/	-500 1/	-560 1/	-620 1/	-680 1/
1.438	-231	-261	-321	-381	-441	-501	-561	-621	-681
1.500	-232	-262 1/	-322 1/	-382 1/	-442 1/	-502 1/	-562 1/	-622 1/	-682 1/

1/ PREFERRED SIZES

1. MATERIAL: STEEL IN ACCORDANCE WITH ASTM 6350.
2. HARDNESS: HARDEN (OIL QUENCH) AND TEMPER TO ROCKWELL 32-38 HRC PER ASTM E18.
3. FINISH: CADMIUM PLATE IN ACCORDANCE WITH ASTM 2400. DIMENSIONS SPECIFIED ARE AFTER PLATING.
4. APPROXIMATE WEIGHT LB/100 = 1.097 (A + B) + .187.
5. TOLERANCES: UNLESS OTHERWISE SPECIFIED, TOLERANCES SHALL BE FOR LINEAR DIMENSION +/- .010, ANGULAR DIMENSIONS +/- 5°.
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: MS9598 - 005
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 BASIC MS NUMBER DASH NUMBER

MS9598-005 INDICATES - BRACKET, ANGLE, 90°, CADMIUM PLATED, .190 BOLT, .438 LONG x .312 BOLT, .500 LONG.