

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 revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV. B

AS9596

FEDERAL SUPPLY CLASS
5340

RATIONALE

THIS DOCUMENT HAS BEEN DETERMINED TO CONTAIN BASIC AND STABLE TECHNOLOGY WHICH IS NOT DYNAMIC IN NATURE. THIS STANDARD HAS BEEN STABILIZED.

STABILIZED NOTICE

THIS DOCUMENT HAS BEEN DECLARED "STABILIZED" BY THE SAE E-25 GENERAL STANDARDS FOR AEROSPACE AND PROPULSION SYSTEMS COMMITTEE AND WILL NO LONGER BE SUBJECTED TO PERIODIC REVIEWS FOR CURRENCY. USERS ARE RESPONSIBLE FOR VERIFYING REFERENCES AND CONTINUED SUITABILITY OF TECHNICAL REQUIREMENTS. NEWER TECHNOLOGY MAY EXIST.

SAENORM.COM : Click to view the full PDF of as9596b

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS9596B>



CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: NONE	
	AEROSPACE STANDARD		AS9596
	BRACKET, ANGLE, 90°, CADMIUM PLATED, STEEL UNS G41300, .190 BOLT		

ISSUED 1998-02 REVISED 2005-12 STABILIZED 2014-03

WARNING

THIS DOCUMENT INCLUDES CADMIUM AS A PLATING MATERIAL. THE USE OF CADMIUM HAS BEEN RESTRICTED AND/OR BANNED FOR USE IN MANY COUNTRIES DUE TO ENVIRONMENTAL AND HEALTH CONCERNS. THE USER SHOULD CONSULT WITH LOCAL OFFICIALS ON THE ENVIRONMENTAL AND HEALTH REGULATIONS REGARDING ITS USE.

THE INITIAL SAE PUBLICATION OF THIS DOCUMENT WAS TAKEN DIRECTLY FROM U.S. MILITARY STANDARD MS9596B. 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 RELATING TO QPL'S HAVE NOT BEEN ADOPTED BY THE SAE FOR THIS STANDARD AND ARE NOT PART OF THIS SAE DOCUMENT.

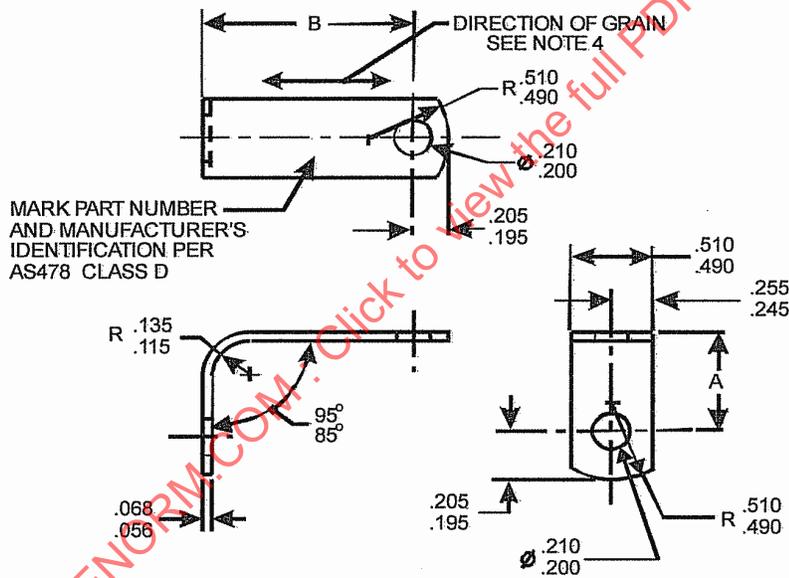


FIGURE 1 - ANGLE BRACKET



AEROSPACE STANDARD

BRACKET, ANGLE, 90°,
CADMIUM PLATED, STEEL
UNS G41300, .190 BOLT

AS9596
SHEET 1 OF 4

REV.
B

TABLE 1 – PART NUMBERS AND DIMENSIONS.

B LENGTH	A - LENGTH			
	.428 - .448	.490 - .510	.552 - .572	.615 - .635
	PART NUMBER	PART NUMBER	PART NUMBER	PART NUMBER
.428 - .448	*MS9596-005			
.490 - .510	*MS9596-006	*MS9596-046		
.552 - .572	*MS9596-007	*MS9596-047	*MS9596-087	
.615 - .635	*MS9596-008	*MS9596-048	*MS9596-088	*MS9596-128
.678 - .698	*MS9596-009	*MS9596-049	*MS9596-089	*MS9596-129
.740 - .760	*MS9596-010	*MS9596-050	*MS9596-090	*MS9596-130
.802 - .822	MS9596-011	MS9596-051	MS9596-091	MS9596-131
.865 - .885	*MS9596-012	*MS9596-052	*MS9596-092	*MS9596-132
.928 - .948	MS9596-013	MS9596-053	MS9596-093	MS9596-133
.990 - 1.010	*MS9596-014	*MS9596-054	*MS9596-094	*MS9596-134
1.052 - 1.072	MS9596-015	MS9596-055	MS9596-095	MS9596-135
1.115 - 1.135	*MS9596-016	*MS9596-056	*MS9596-096	*MS9596-136
1.178 - 1.198	MS9596-017	MS9596-057	MS9596-097	MS9596-137
1.240 - 1.260	*MS9596-018	*MS9596-058	*MS9596-098	*MS9596-138
1.302 - 1.322	MS9596-019	MS9596-059	MS9596-099	MS9596-139
1.365 - 1.385	*MS9596-020	*MS9596-060	*MS9596-100	*MS9596-140
1.428 - 1.448	MS9596-021	MS9596-061	MS9596-101	MS9596-141
1.490 - 1.510	*MS9596-022	*MS9596-062	*MS9596-102	*MS9596-142
1.552 - 1.572	MS9596-023	MS9596-063	MS9596-103	*MS9596-143
1.615 - 1.635	*MS9596-024	*MS9596-064	*MS9596-104	MS9596-144
1.678 - 1.698	MS9596-025	MS9596-065	MS9596-105	*MS9596-145
1.740 - 1.760	*MS9596-026	*MS9596-066	*MS9596-106	MS9596-146
1.865 - 1.885	*MS9596-027	*MS9596-067	*MS9596-107	*MS9596-147

*PREFERRED SIZES.

SAENORM.COM : Click to view the full PDF of AS9596

	AEROSPACE STANDARD	AS9596 SHEET 2 OF 4	REV. B
	BRACKET, ANGLE, 90°, CADMIUM PLATED, STEEL UNS G41300, .190 BOLT		

TABLE 1 – PART NUMBERS AND DIMENSIONS - CONTINUED.

B LENGTH	A - LENGTH		
	.678 - .698	.740 - .760	.802 - .822
	PART NUMBER	PART NUMBER	PART NUMBER
.678 - .698	*MS9596-169		
.740 - .760	*MS9596-170	*MS9596-210	
.802 - .822	MS9596-171	MS9596-211	MS9596-251
.865 - .885	*MS9596-172	*MS9596-212	MS9596-252
.928 - .948	MS9596-173	MS9596-213	MS9596-253
.990 - 1.010	*MS9596-174	*MS9596-214	MS9596-254
1.052 - 1.072	MS9596-175	MS9596-215	MS9596-255
1.115 - 1.135	*MS9596-176	*MS9596-216	MS9596-256
1.178 - 1.198	MS9596-177	MS9596-217	MS9596-257
1.240 - 1.260	*MS9596-178	*MS9596-218	MS9596-258
1.302 - 1.322	MS9596-179	MS9596-219	MS9596-259
1.365 - 1.385	*MS9596-180	*MS9596-220	MS9596-260
1.428 - 1.448	MS9596-180	MS9596-221	MS9596-261
1.490 - 1.510	*MS9596-182	*MS9596-222	MS9596-262
1.552 - 1.572	MS9596-183	MS9596-223	MS9596-263
1.615 - 1.635	*MS9596-184	*MS9596-224	MS9596-264
1.678 - 1.698	MS9596-185	MS9596-225	MS9596-265
1.740 - 1.760	*MS9596-186	*MS9596-226	MS9596-266
1.865 - 1.885	MS9596-187	MS9596-227	MS9596-267

*PREFERRED SIZES.

TABLE 1 – PART NUMBERS AND DIMENSIONS - CONTINUED.

B LENGTH	A - LENGTH		
	.865 - .885	.928 - .948	.990 - 1.010
	PART NUMBER	PART NUMBER	PART NUMBER
.865 - .885	*MS9596-292		
.928 - .948	MS9596-293	MS9596-333	
.990 - 1.010	*MS9596-294	MS9596-334	*MS9596-374
1.052 - 1.072	MS9596-295	MS9596-335	MS9596-375
1.115 - 1.135	*MS9596-296	MS9596-336	*MS9596-376
1.178 - 1.198	MS9596-297	MS9596-337	MS9596-377
1.240 - 1.260	*MS9596-298	MS9596-338	*MS9596-378
1.302 - 1.322	MS9596-299	MS9596-339	MS9596-379
1.365 - 1.385	*MS9596-300	MS9596-340	*MS9596-380
1.428 - 1.448	MS9596-301	MS9596-341	MS9596-380
1.490 - 1.510	*MS9596-302	MS9596-342	*MS9596-382
1.552 - 1.572	MS9596-303	MS9596-343	MS9596-383
1.615 - 1.635	*MS9596-304	MS9596-344	*MS9596-384
1.678 - 1.698	MS9596-305	MS9596-345	MS9596-385
1.740 - 1.760	*MS9596-306	MS9596-346	*MS9596-386
1.865 - 1.885	*MS9596-307	MS9596-347	MS9596-387

* PREFERRED SIZES