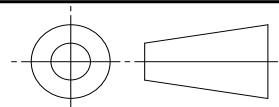


SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, 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. A	RATIONALE THIS DOCUMENT HAS BEEN DETERMINED TO CONTAIN BASIC AND STABLE TECHNOLOGY WHICH IS NOT DYNAMIC IN NATURE. THIS STANDARD HAS BEEN STABILIZED.		FEDERAL SUPPLY CLASS 5340	
AS9230	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.			
SAE values your input. To provide feedback on this Technical Report, please visit http://www.sae.org/technical/standards/AS9230A		THIRD ANGLE PROJECTION 		
CUSTODIAN: E-25		PROCUREMENT SPECIFICATION: NONE		
		AEROSPACE STANDARD BRACKET, ANGLE, 90° .190 X .312 BOLT		AS9230
				REV. A

SAENORM.COM : Click to view the full PDF of as9230a

ISSUED 1998-08 REAFFIRMED 2007-06 STABILIZED 2014-02

NOTICE

THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MS9230C 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 MS9230C. 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.

UNDER DEPARTMENT OF DEFENSE POLICIES AND PROCEDURES, ANY QUALIFICATION REQUIREMENTS AND ASSOCIATED QUALIFIED PRODUCTS LISTS ARE MANDATORY FOR DOD CONTRACTS. ANY REQUIREMENT RELATING TO QUALIFIED PRODUCTS LISTS (QPL'S) HAS NOT BEEN ADOPTED BY SAE AND IS NOT PART OF THIS TECHNICAL REPORT.

SAENORM.COM : Click to view the full PDF of as9230a

	AEROSPACE STANDARD	AS9230 SHEET 1 OF 3	REV. A
	BRACKET, ANGLE, 90° .190 X .312 BOLT		

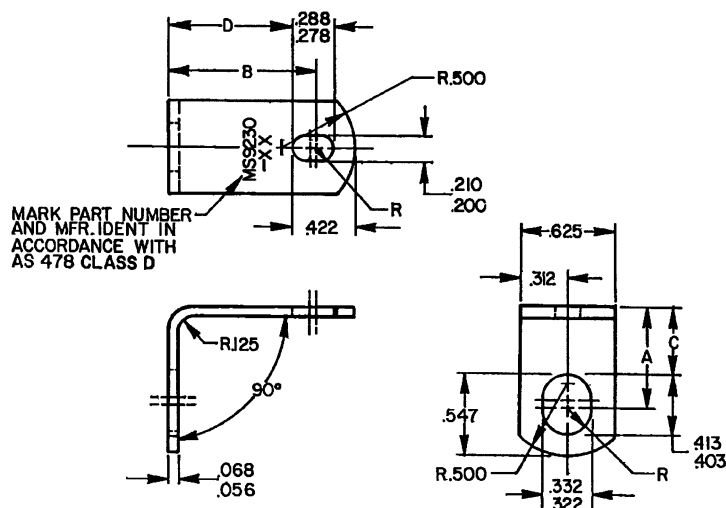


TABLE I. DASH NUMBERS AND DIMENSIONS.

DASH NO	A REF	B REF	C ±.010	D ±.010	APPROX WEIGHT LB/100	DASH NO	A REF	B REF	C ±.010	D ±.010	APPROX WEIGHT LB/100
-01	.562	.500	.328	.328	1.225	-40	1.062	.500	.828	.328	1.773
-02	.562	.625	.328	.453	1.362	-41	1.062	.625	.828	.453	1.910
-03	.562	.750	.328	.578	1.499	-42	1.062	.750	.828	.578	2.047
-04	.562	.875	.328	.703	1.636	-43	1.062	.875	.828	.703	2.184
-05	.562	1.000	.328	.828	1.773	-44	1.062	1.000	.828	.828	2.321
-06	.562	1.250	.328	1.078	2.047	-45	1.062	1.250	.828	1.078	2.596
-07	.562	1.500	.328	1.328	2.321	-46	1.062	1.500	.828	1.328	2.870
-10	.688	.500	.453	.328	1.362	-50	1.312	.500	1.078	.328	2.047
-11	.688	.625	.453	.453	1.499	-51	1.312	.625	1.078	.453	2.184
-12	.688	.750	.453	.578	1.636	-52	1.312	.750	1.078	.578	2.321
-13	.688	.875	.453	.703	1.773	-53	1.312	.875	1.078	.703	2.458
-14	.688	1.000	.453	.828	1.910	-54	1.312	1.000	1.078	.828	2.596
-15	.688	1.250	.453	1.078	2.184	-55	1.312	1.250	1.078	1.078	2.870
-16	.688	1.500	.453	1.328	2.458	-56	1.312	1.500	1.078	1.328	3.144
-20	.812	.500	.578	.328	1.499	-60	1.562	.500	1.328	.328	2.321
-21	.812	.625	.578	.453	1.636	-61	1.562	.625	1.328	.453	2.458
-22	.812	.750	.578	.578	1.773	-62	1.562	.750	1.328	.578	2.596
-23	.812	.875	.578	.703	1.910	-63	1.562	.875	1.328	.703	2.732
-24	.812	1.000	.578	.828	2.047	-64	1.562	1.000	1.328	.828	2.870
-25	.812	1.250	.578	1.078	2.321	-65	1.562	1.250	1.328	1.078	3.144
-26	.812	1.500	.578	1.328	2.596	-66	1.562	1.500	1.328	1.328	3.418
-30	.938	.500	.703	.328	1.636	-70	1.812	.500	1.578	.328	2.596
-31	.938	.625	.703	.453	1.773	-71	1.812	.625	1.578	.453	2.732
-32	.938	.750	.703	.578	1.910	-72	1.812	.750	1.578	.578	2.870
-33	.938	.875	.703	.703	2.047	-73	1.812	.875	1.578	.703	3.007
-34	.938	1.000	.703	.828	2.184	-74	1.812	1.000	1.578	.828	3.144
-35	.938	1.250	.703	1.078	2.458	-75	1.812	1.250	1.578	1.078	3.418
-36	.938	1.500	.703	1.328	2.732	-76	1.812	1.500	1.578	1.328	3.692

INACTIVE FOR DESIGN AFTER 22 NOVEMBER 1966. USE MS9602. INTERCHANGEABILITY RELATIONSHIP: MS9230 INDIVIDUAL PART NUMBERS MAY BE REPLACED BY ONE OR MORE PART NUMBERS OF MS9602 SELECTED WITHIN THE SLOTTED HOLE DIMENSIONAL RANGE OF THE SUPERSEDED STANDARD. THE INACTIVATED MS9230 PARTS SHALL NOT BE USED TO REPLACE THE SUPERSEDING MS9602 PARTS.