

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.

AS21922

Submitted for recognition as an American National Standard

FEDERAL SUPPLY CLASS
4730

NOTICE

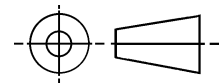
THIS DOCUMENT HAS BEEN TAKEN DIRECTLY FROM U.S. MILITARY SPECIFICATION MS21922F AND CONTAINS ONLY MINOR EDITORIAL AND FORMAT CHANGES REQUIRED TO BRING IT INTO CONFORMANCE WITH THE PUBLISHING REQUIREMENTS OF SAE TECHNICAL STANDARDS. THE INITIAL RELEASE OF THIS DOCUMENT IS INTENDED TO REPLACE MS21922F. 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 as21922

THIRD ANGLE PROJECTION



ISSUED 1998-08

PREPARED BY SAE COMMITTEE G-3

PROCUREMENT SPECIFICATION: MIL-F-18280

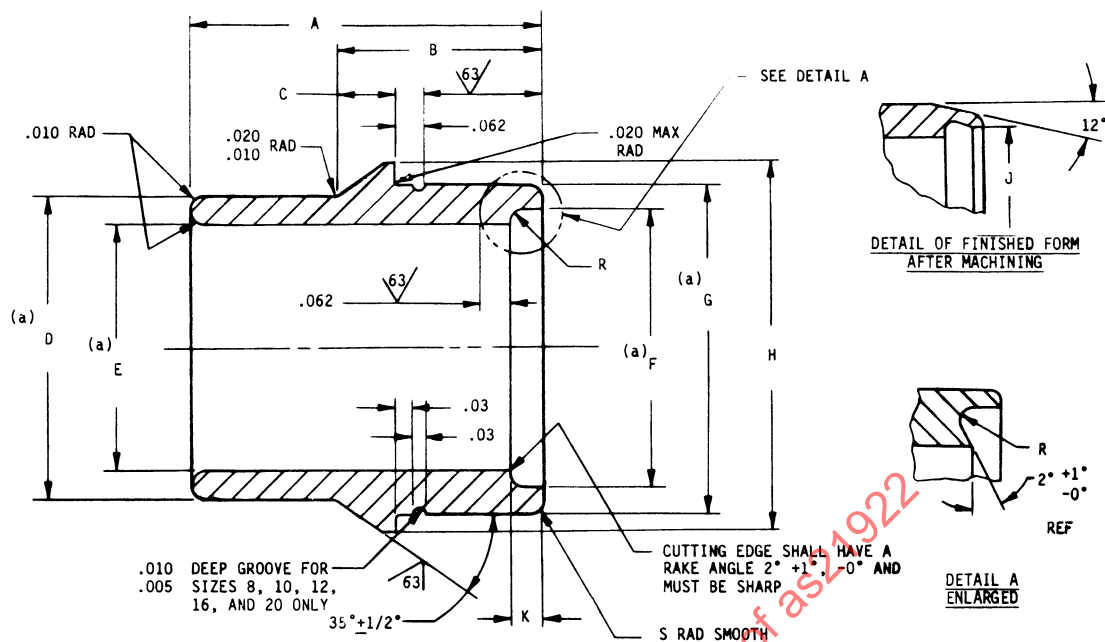
SAE The Engineering Society
For Advancing Mobility
Land Sea Air and Space®
INTERNATIONAL
400 Commonwealth Drive, Warrendale, PA 15096-0001

AEROSPACE STANDARD

SLEEVE, COUPLING, FLARELESS

AS21922
SHEET 1 OF 3

AS21922



DASH NO.		TUBE SIZE	A ±.01	B ±.003	C +.005 -.000	D	E +.003 -.000	F +.006 -.000	G +.004 -.000	H	J +.008 -.000	K +.008 -.000	R		S +.005 -.000	
STL	CRES												MAX	MIN		
-2	-2C	1/8	.41	.316	.098	.164	.129	.154	.175	.256	.148	.024	.006	.003	.010	
-3	-3C	3/16	.45	.278	.060	.226	.193	.227	.252	.299	.221	.020				
-4	-4C	1/4	.52	.336		.294	.255	.286	.309	.359	.280	.024				
-5	-5C	5/16	.59			.360	.318	.350	.373	.422	.344					
-6	-6C	3/8	.66			.375	.419	.380	.408	.435	.484					.402
-8	-8C	1/2	.75				.546	.506	.556	.585	.619					.550
-10	-10C	5/8	.80	.415	.090	.682	.633	.669	.707	.750	.663		.014	.008	.010	
-12	-12C	3/4	.75		.120	.817	.758	.807	.836	.938	.801					
-16	-16C	1	.80			.065	1.008	1.057	1.086	1.156	1.051					
-20	-20C	1-1/4				.1320	1.258	1.310	1.339	1.437	1.304					
-24	-24C	1-1/2				.1570	1.511	1.560	1.589	1.687	1.554					
-32	-32C	2				.150	2.070	2.011	2.063	2.092	2.218					2.057

(a) CIRCULAR SURFACES OF DIAMETERS D,E,F, AND G SHALL BE CONCENTRIC WITHIN .005 TOTAL INDICATOR READING, AND TRUE WITH CENTERLINE.

REQUIREMENTS:

1. MATERIAL: CARBON STEEL AND CORROSION RESISTANT STEEL, BARS. SEE PROCUREMENT SPECIFICATION.
2. FINISH: SEE PROCUREMENT SPECIFICATION.

NOTES:

1. FOR SURFACE ROUGHNESS, SEE ANSI B46.1.
2. BREAK ALL SHARP EDGES AND REMOVE ALL HANGING BURRS AND SLIVERS.