

REV.
A

AS21922

FEDERAL SUPPLY CLASS
4730

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.

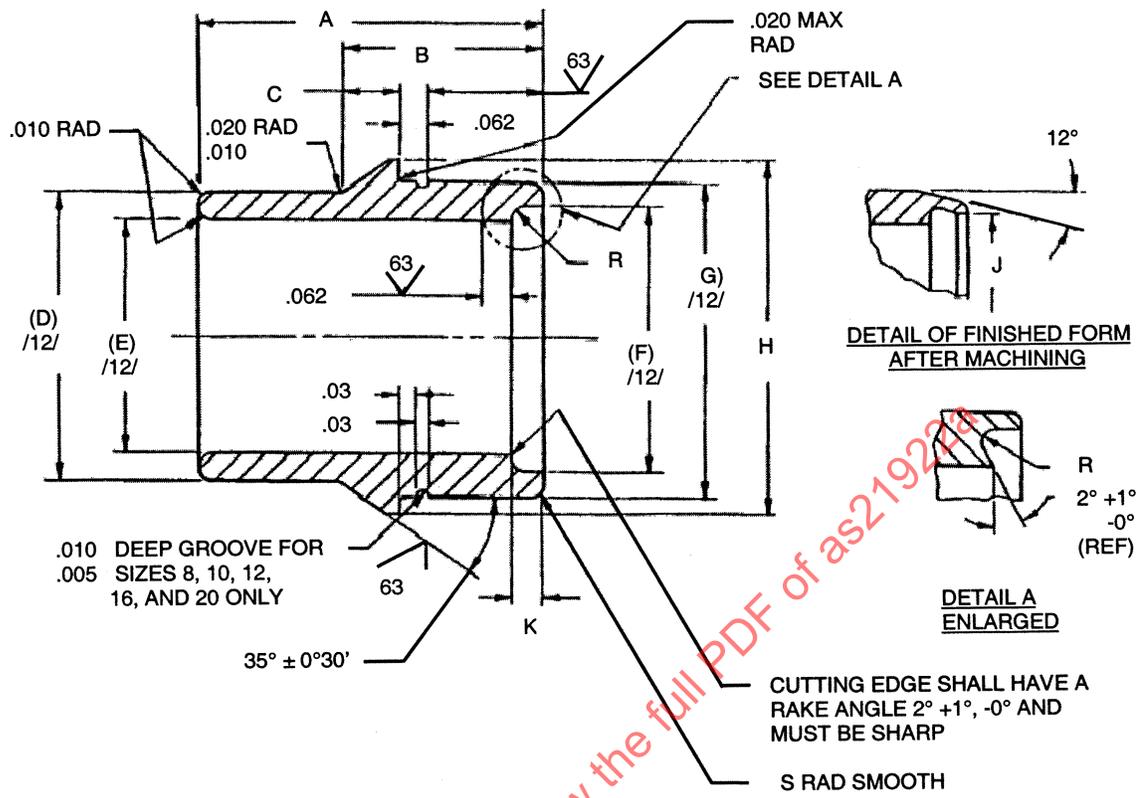


FIGURE 1 - SLEEVE COUPLING, FLARELESS

SAENORM.COM : Click to view the full PDF of as21922.pdf

PREPARED BY SAE COMMITTEE G-3 PROCUREMENT SPECIFICATION: AS18280

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD
(R)
SLEEVE, COUPLING, FLARELESS

AS21922
SHEET 1 OF 3

REV. A

ISSUED 1998-08 REVISED 2003-06

**REV.
A**

AS21922

TABLE 1A - DIMENSIONS A-E

DASH NO.	NOMINAL TUBE SIZE	A		B		C		D		E /12/	
		±.010	±.003	±.003	±.003	+0.005 -0.000	+0.005 -0.000	+0.003 -0.000	+0.003 -0.000		
-2	.125	.41	.316	.098	.168-.164	.129					
-3	.188	.45	.278	.060	.230-.226	.193					
-4	.250	.52	.336	.060	.298-.294	.255					
-5	.313	.59	.336	.060	.364-.360	.318					
-6	.375	.66	.375	.060	.423-.419	.380					
-8	.500	.75	.375	.060	.550-.546	.506					
-10	.625	.80	.415	.090	.686-.682	.633					
-12	.750	.75	.415	.120	.821-.817	.758					
-16	1.000	.80	.415	.120	1.069-1.065	1.008					
-20	1.250	.80	.415	.120	1.325-1.320	1.258					
-24	1.500	.80	.415	.120	1.575-1.570	1.511					
-32	2.000	.80	.415	.150	2.075-2.070	2.011					

TABLE 1B - DIMENSIONS F-S

DASH NO.	F /12/		G /12/		H	J		K		R		S
	+0.006 -0.000	+0.004 -0.000	+0.008 -0.000	+0.008 -0.000		MAX	MIN	+0.005 -0.000				
-2	.154	.175	.256	.148	.024	.006	.003	.010				
-3	.227	.252	.299	.221	.020	.006	.003	.007				
-4	.286	.309	.359	.280	.024	.006	.003	.007				
-5	.350	.373	.422	.344	.024	.006	.003	.007				
-6	.408	.435	.484	.402	.024	.006	.003	.007				
-8	.556	.585	.619	.550	.024	.006	.003	.007				
-10	.669	.707	.750	.663	.024	.014	.008	.010				
-12	.807	.836	.938	.801	.024	.014	.008	.010				
-16	1.057	1.086	1.156	1.051	.024	.014	.008	.010				
-20	1.310	1.339	1.437	1.304	.024	.014	.008	.010				
-24	1.560	1.589	1.687	1.554	.024	.014	.008	.010				
-32	2.063	2.092	2.218	2.057	.024	.014	.008	.010				

NOTES:

1. MATERIAL:
SEE PROCUREMENT SPECIFICATION.
CARBON STEEL
CORROSION RESISTANT STEEL
2. FINISH: SEE PROCUREMENT SPECIFICATION.
3. FOR SURFACE ROUGHNESS, SEE ANSI B46.1.
4. BREAK EDGES .003 TO .015 UNLESS OTHERWISE SPECIFIED.
5. DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.005, ANGLES ±0°30'.