

RATIONALE

THIS PART SHEET IS BEING UPDATED AND RE-FORMATTED FROM MS21241 REV D TO THE SAE AS21241.

SAE AS21241

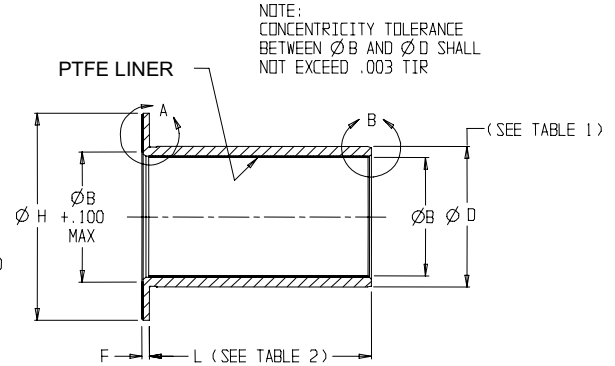
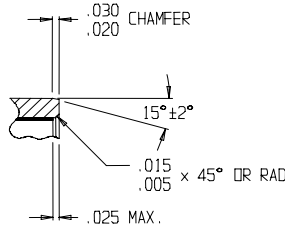
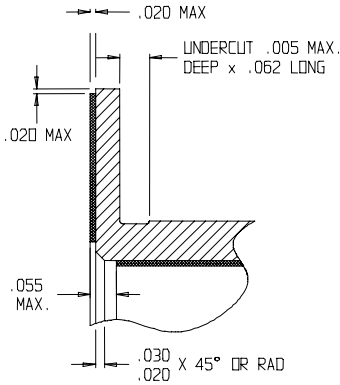


TABLE 1 – DIMENSIONS AND WEIGHTS

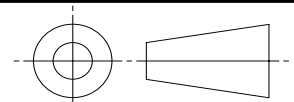
DASH NO.	NOMINAL SIZE	Ø B +.0000 -.0010	Ø D 1/	F +.000 -.005	Ø H -.000 -.020	SLEEVE WEIGHT LB/IN. (REF) 2/		FLANGE WEIGHT LB/IN (REF) 2/	
						AL	CRES	AL	CRES
-04	.2500	.2515	.3760	.0625	.750	.009	.024	.003	.007
-05	.3125	.3140	.4386	.0625	.812	.011	.028	.003	.007
-06	.3750	.3765	.5012	.0625	.875	.012	.032	.003	.007
-07	.4375	.4390	.5638	.0625	.937	.013	.036	.003	.008
-08	.5000	.5015	.6265	.0625	1.000	.015	.041	.004	.010
-09	.5625	.5640	.6892	.0625	1.125	.017	.047	.004	.011
-10	.6250	.6265	.8142	.0625	1.250	.027	.075	.005	.014
-11	.6875	.6890	.8767	.0625	1.375	.030	.084	.007	.020
-12	.7500	.7515	.9393	.0625	1.500	.034	.093	.009	.023
-14	.8750	.8765	1.0645	.0625	1.625	.038	.105	.009	.025
-16	1.0000	1.0015	1.1898	.0625	1.750	.043	.118	.010	.027
-18	1.1250	1.1265	1.3148	.0937	1.875	.051	.142	.014	.041
-20	1.2500	1.2515	1.4398	.0937	2.000	.058	.161	.018	.050
-22	1.3750	1.3765	1.5648	.0937	2.125	.063	.175	.019	.053
-24	1.5000	1.5015	1.7523	.0937	2.250	.084	.233	.019	.054
-26	1.6250	1.6265	1.8773	.0937	2.375	.090	.249	.020	.056
-28	1.7500	1.7515	2.0023	.0937	2.500	.098	.271	.023	.064
-32	2.0000	2.0015	2.2523	.0937	2.750	.111	.306	.026	.072

1/ Ø D TOLERANCE: ALUMINUM ± .0005; CORROSION RESISTANT STEEL +.0000/ -.0005

2/ EXAMPLE OF WEIGHT CALCULATION: MS21241-16A008  
 SLEEVE WEIGHT: (.043 LB/IN) X .250 IN = .011 LB.  
 FLANGE WEIGHT: = .010 LB.  
 TOTAL WEIGHT: = .021 LB.

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS21241>

THIRD ANGLE PROJECTION



CUSTODIAN: SAE AIRFRAME CONTROL BEARINGS GROUP

PROCUREMENT SPECIFICATION: AS8943

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

BEARING, SLEEVE, FLANGED,  
SELF – LUBRICATING -65 TO +250 °F

**SAE AS21241**  
SHEET 1 OF 4

ISSUED 2010-08

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TABLE 2 – SLEEVE BEARING LENGTH

DASH NO.	NOMINAL SIZE	LENGTH L +.000/-.010													
		.250	.281	.312	.343	.375	.437	.500	.562	.625	.687	.750	.875	1.000	1.125
-04	.2500	008	009	010	011	012	014								
-05	.3125	008	009	010	011	012	014	016	018						
-06	.3750	008	009	010	011	012	014	016	018	020	022				
-07	.4375	008	009	010	011	012	014	016	018	020	022	024	028		
-08	.5000	008	009	010	011	012	014	016	018	020	022	024	028		
-09	.5625	008	009	010	011	012	014	016	018	020	022	024	028	032	036
-10	.6250	008	009	010	011	012	014	016	018	020	022	024	028	032	036
-11	.6875	008	009	010	011	012	014	016	018	020	022	024	028	032	036
-12	.7500	008	009	010	011	012	014	016	018	020	022	024	028	032	036
-14	.8750	008	009	010	011	012	014	016	018	020	022	024	028	032	036
-16	1.0000	008	009	010	011	012	014	016	018	020	022	024	028	032	036
-18	1.1250			010	011	012	014	016	018	020	022	024	028	032	036
-20	1.2500					012	014	016	018	020	022	024	028	032	036
-22	1.3750					012	014	016	018	020	022	024	028	032	036
-24	1.5000					012	014	016	018	020	022	024	028	032	036
-26	1.6250							016	018	020	022	024	028	032	036
-28	1.7500							016	018	020	022	024	028	032	036
-32	2.0000							016	018	020	022	024	028	032	036

DASH NO.	NOMINAL SIZE	LENGTH L +.000/-.010												
		1.250	1.375	1.500	1.625	1.750	1.875	2.000	2.125	2.250	2.375	2.500	2.750	3.000
-04	.2500													
-05	.3125													
-06	.3750													
-07	.4375													
-08	.5000													
-09	.5625													
-10	.6250	040	044											
-11	.6875	040	044	048	052									
-12	.7500	040	044	048	052									
-14	.8750	040	044	048	052									
-16	1.0000	040	044	048	052	056	060							
-18	1.1250	040	044	048	052	056	060							
-20	1.2500	040	044	048	052	056	060	064	068					
-22	1.3750	040	044	048	052	056	060	064	068					
-24	1.5000	040	044	048	052	056	060	064	068	072	076	080	088	
-26	1.6250	040	044	048	052	056	060	064	068	072	076	080	088	096
-28	1.7500	040	044	048	052	056	060	064	068	072	076	080	088	096
-32	2.0000	040	044	048	052	056	060	064	068	072	076	080	088	096