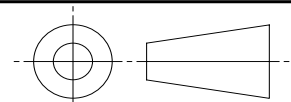
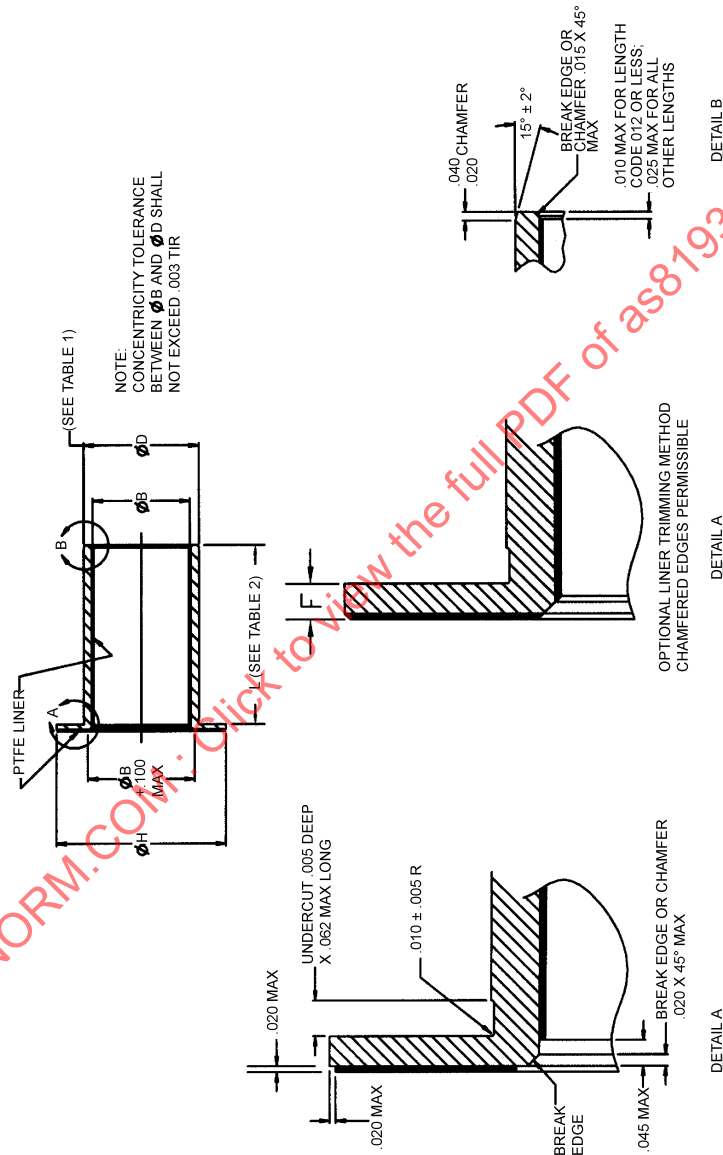


THIS DOCUMENT INCLUDES CADMIUM AS A PLATING MATERIAL. THE USE OF CADMIUM HAS BEEN RESTRICTED AND/OR BANNED FOR USE IN MANY COUNTRIES DUE TO ENVIRONMENTAL AND HEALTH CONCERNS. THE USER SHOULD CONSULT WITH LOCAL OFFICIALS ON APPLICABLE HEALTH AND ENVIRONMENTAL REGULATIONS REGARDING ITS USE.



CUSTODIAN: SAE AIRFRAME CONTROL BEARINGS GROUP



AEROSPACE STANDARD

(R) BEARING, SLEEVE, FLANGED,
SELF-LUBRICATING, -65 °F TO 325 °F

AS81934/2
SHEET 1 OF 7

REV.
A

Copyright © 2004 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)
Fax: 724-776-0790

Tel: 724-776-4970 (outside USA)
Email: custsvc@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

SSUED 1998-04 REVISED 2004-11

TABLE 1 - DIMENSIONS AND WEIGHTS

PART NO.	NOMINAL SIZE (REF)	ØB (BORE DIA) +.0000 -.0010	ØD 1/	F +.000 -.005	ØH +.000 -.020	SLEEVE WEIGHT LB/IN (REF) L = 1.000		FLANGE WEIGHT LB/IN (REF)	
						AL	CRES	AL	CRES
M81934/2-04	.2500	.2515	.3760	.0625	.750	.006	.016	.002	.006
M81934/2-05	.3125	.3140	.4386	.0625	.812	.007	.019	.003	.007
M81934/2-06	.3750	.3765	.5012	.0625	.875	.008	.022	.003	.007
M81934/2-07	.4375	.4390	.5638	.0625	.937	.009	.025	.003	.008
M81934/2-07A 2/					.745				
M81934/2-08	.5000	.5015	.6265	.0625	1.000	.011	.028	.003	.009
M81934/2-09	.5625	.5640	.6892	.0625	1.125	.012	.031	.004	.011
M81934/2-10	.6250	.6265	.8142	.0625	1.250	.021	.056	.005	.014
M81934/2-11	.6875	.6890	.8767	.0625	1.375	.022	.060	.006	.016
M81934/2-12	.7500	.7515	.9393	.0625	1.500	.024	.065	.007	.020
M81934/2-14	.8750	.8765	1.0645	.0625	1.625	.028	.075	.008	.022
M81934/2-16	1.0000	1.0015	1.1898	.0625	1.750	.031	.084	.009	.024
M81934/2-18	1.1250	1.1265	1.3148	.0937	1.875	.035	.094	.015	.041
M81934/2-20	1.2500	1.2515	1.4398	.0937	2.000	.038	.103	.016	.045
M81934/2-22	1.3750	1.3765	1.5648	.0937	2.125	.041	.113	.017	.048
M81934/2-24	1.5000	1.5015	1.7523	.0937	2.250	.062	.171	.018	.051
M81934/2-26	1.6250	1.6265	1.8773	.0937	2.375	.067	.183	.020	.055
M81934/2-28	1.7500	1.7515	2.0023	.0937	2.500	.071	.196	.021	.058
M81934/2-32	2.0000	2.0015	2.2523	.0937	2.750	.081	.222	.023	.065

1/ ØD TOLERANCE: ALUMINUM ±.0005; CORROSION RESISTANT STEEL +.0000, -.0005

EXAMPLE OF WEIGHT CALCULATION; M81934/2-16A008:

SLEEVE WEIGHT: (.031 LB/IN) X .250 IN = .008 LB

FLANGE WEIGHT: = .009 LB

TOTAL WEIGHT: = .017 LB

2/ INACTIVE FOR NEW DESIGN AFTER 1 AUGUST 1981. USE M81934/2-07.

TABLE 2 - SLEEVE BEARING LENGTH

PART NO.	NOMINAL SIZE	LENGTH L + .000/- .010															
		.156	.187	.218	.250	.281	.312	.343	.375	.437	.500	.562	.625	.687	.750	.875	
M81934/2-04	.2500	.005	.006	.007	.008	.009	.010	.011	.012	.014							
M81934/2-05	.3125	.005	.006	.007	.008	.009	.010	.011	.012	.014	.016	.018					
M81934/2-06	.3750	.005	.006	.007	.008	.009	.010	.011	.012	.014	.016	.018	.020	.022			
M81934/2-07	.4375	.005	.006	.007	.008	.009	.010	.011	.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-08	.5000	.005	.006	.007	.008	.009	.010	.011	.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-09	.5625	.005	.006	.007	.008	.009	.010	.011	.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-10	.6250	.005	.006	.007	.008	.009	.010	.011	.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-11	.6875				.008	.009	.010	.011	.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-12	.7500				.008	.009	.010	.011	.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-14	.8750				.008	.009	.010	.011	.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-16	1.000				.008	.009	.010	.011	.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-18	1.1250						.010	.011	.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-20	1.2500								.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-22	1.3750								.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-24	1.5000								.012	.014	.016	.018	.020	.022	.024	.028	
M81934/2-26	1.6250										.016	.018	.020	.022	.024	.028	
M81934/2-28	1.7500										.016	.018	.020	.022	.024	.028	
M81934/2-32	2.0000										.016	.018	.020	.022	.024	.028	

TABLE 2 - SLEEVE BEARING LENGTH (CONTINUED)

PART NO.	NOMINAL SIZE	LENGTH L +.000/-.010															
		1.000	1.125	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	
M81934/2-04	.2500																
M81934/2-05	.3125																
M81934/2-06	.3750																
M81934/2-07	.4375																
M81934/2-08	.5000																
M81934/2-09	.5625	.032	.036														
M81934/2-10	.6250	.032	.036	.040	.044												
M81934/2-11	.6875	.032	.036	.040	.044	.048	.052										
M81934/2-12	.7500	.032	.036	.040	.044	.048	.052										
M81934/2-14	.8750	.032	.036	.040	.044	.048	.052										
M81934/2-16	1.0000	.032	.036	.040	.044	.048	.052	.056	.060								
M81934/2-18	1.1250	.032	.036	.040	.044	.048	.052	.056	.060								
M81934/2-20	1.2500	.032	.036	.040	.044	.048	.052	.056	.060	.064	.068						
M81934/2-22	1.3750	.032	.036	.040	.044	.048	.052	.056	.060	.064	.068						
M81934/2-24	1.5000	.032	.036	.040	.044	.048	.052	.056	.060	.064	.068	.072	.076	.080	.088		
M81934/2-26	1.6250	.032	.036	.040	.044	.048	.052	.056	.060	.064	.068	.072	.076	.080	.088	.096	
M81934/2-28	1.7500	.032	.036	.040	.044	.048	.052	.056	.060	.064	.068	.072	.076	.080	.088	.096	
M81934/2-32	2.0000	.032	.036	.040	.044	.048	.052	.056	.060	.064	.068	.072	.076	.080	.088	.096	

TABLE 3 - OVERSIZE BEARING DIMENSIONS 2/

RESTRICTED USAGE FOR REPAIR WORK ONLY

.010 AND .020 OVERSIZE OUTSIDE DIAMETER FOR
REPLACEMENT OF BEARINGS SHOWN ON SHEET 2

PART NO.	NOMINAL SIZE	1ST OVERSIZE (.010) ØD 1/	PART NO.	NOMINAL SIZE	2ND OVERSIZE (.010) ØD 1/
M81934/2-04	.2500	.3860	M81934/2-04	.2500	.3960
M81934/2-05	.3125	.4486	M81934/2-05	.3125	.4586
M81934/2-06	.3750	.5112	M81934/2-06	.3750	.5212
M81934/2-07	.4375	.5738	M81934/2-07	.4375	.5838
M81934/2-08	.5000	.6365	M81934/2-08	.5000	.6465
M81934/2-09	.5625	.6992	M81934/2-09	.5625	.7092
M81934/2-10	.6250	.8242	M81934/2-10	.6250	.8342
M81934/2-11	.6875	.8867	M81934/2-11	.6875	.8967
M81934/2-12	.7500	.9493	M81934/2-12	.7500	.9593
M81934/2-14	.8750	1.0745	M81934/2-14	.8750	1.0845
M81934/2-16	1.0000	1.1998	M81934/2-16	1.0000	1.2098
M81934/2-18	1.1250	1.3248	M81934/2-18	1.1250	1.3348
M81934/2-20	1.2500	1.4498	M81934/2-20	1.2500	1.4598
M81934/2-22	1.3750	1.5748	M81934/2-22	1.3750	1.5848
M81934/2-24	1.5000	1.7623	M81934/2-24	1.5000	1.7723
M81934/2-26	1.6250	1.8873	M81934/2-26	1.6250	1.8973
M81934/2-28	1.7500	2.0123	M81934/2-28	1.7500	2.0223
M81934/2-32	2.0000	2.2623	M81934/2-32	2.0000	2.2723

1/ ØD TOLERANCE ALUMINUM $\pm .0005$; CORROSION RESISTANT STEEL $+.0000$, $-.0005$.2/ BEFORE INITIATING A REPAIR PROCEDURE TO USE AN OVERSIZE BEARING,
APPROVAL FOR MODIFYING AND REIDENTIFYING THE BEARING HOUSING MUST BE
OBTAINED FROM THE COGNIZANT ENGINEERING AUTHORITY.