

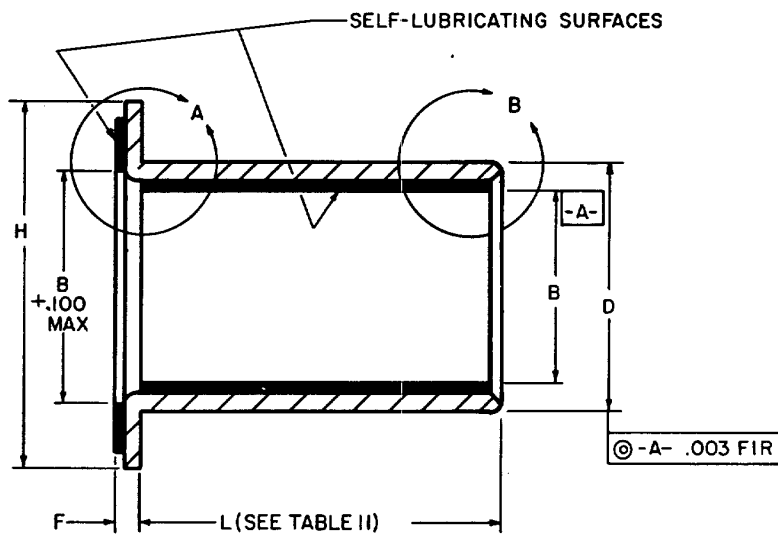
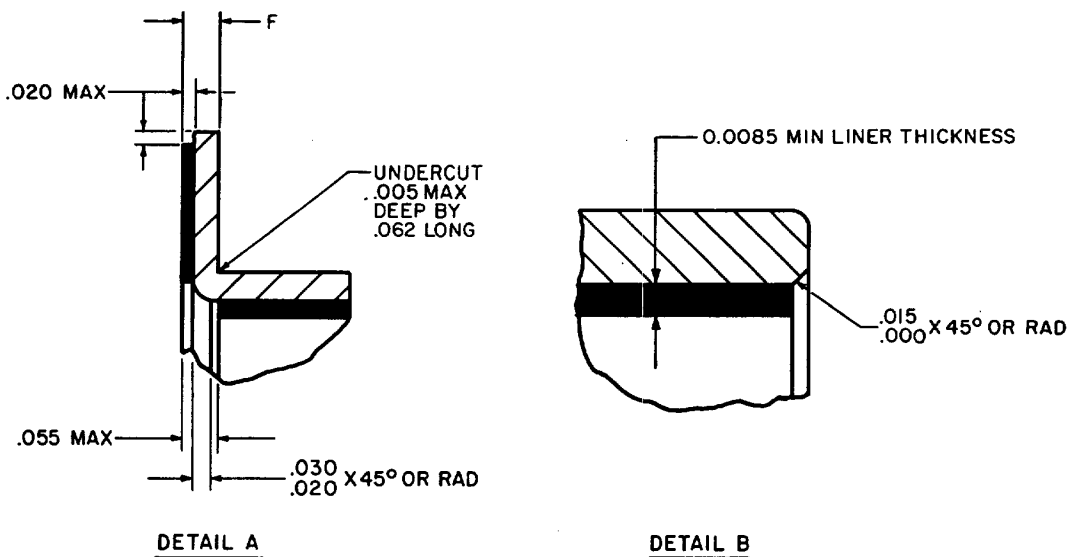
MIL-B-85560/2  
15 August 1983

MILITARY SPECIFICATION SHEET

BEARING, FIBER REINFORCED PLASTIC, SLEEVE, FLANGED,  
SELF-LUBRICATING, +250°F

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for procuring the bearing described herein shall consist of this document and the latest issue of MIL-B-85560.



FSC 3120

## MIL-B-85560/2

DASH NO.	NOMINAL BORE SIZE	B DIA. +.0000 -.0010	D DIA. +.0005 -.0005	F +.000 -.005	H DIA. +.000 -.020
-04	1/4	.2515	.3760	.0625	.750
-05	5/16	.3140	.4386	.0625	.812
-06	3/8	.3765	.5012	.0625	.875
-07	7/16	.4390	.5638	.0625	.937
-08	1/2	.5015	.6265	.0625	1.000
-09	9/16	.5640	.6892	.0625	1.125
-10	5/8	.6265	.8142	.0625	1.250
-11	11/16	.6890	.8767	.0625	1.375
-12	3/4	.7515	.9393	.0625	1.500
-14	7/8	.8765	1.0645	.0625	1.625
-16	1	1.0015	1.1898	.0625	1.750
-18	1-1/8	1.1265	1.3148	.0937	1.875
-20	1-1/4	1.2515	1.4398	.0937	2.000
-22	1-3/8	1.3765	1.5648	.0937	2.125
-24	1-1/2	1.5015	1.7523	.0937	2.250
-26	1-5/8	1.6265	1.8773	.0937	2.375
-28	1-3/4	1.7515	2.0023	.0937	2.500
-32	2	2.0015	2.2523	.0937	2.750

TABLE I. Dimensions.

## MIL-B-85560/2

Material: Composite: Glass or aramid fibers in resin matrix.  
 Self-lubricating surface: Tetrafluoroethylene per MIL-B-85560.

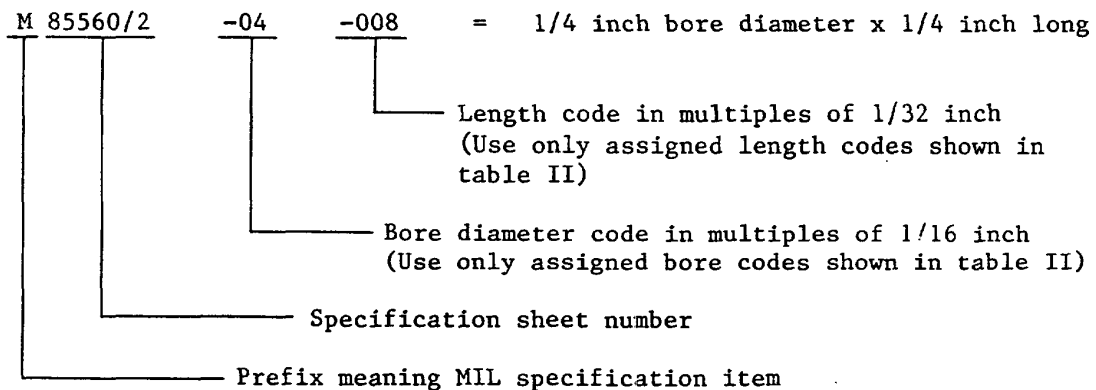
Surface Texture: Unless otherwise specified, smooth machine finish  
 $R_a$  63 micro-inch on O.D.,  $R_a$  125 micro-inch on all other  
 surfaces in accordance with ANSI B46.1. Surface  
 texture of self-lubricating surface is not specified.

Temperature Range:  $-65^{\circ}\text{F}$  to  $+250^{\circ}\text{F}$ .

Break sharp edges and corners and remove all burrs and slivers.

Unless otherwise specified, dimensions in inches.

Example of Part Number:



Marking: For dash number 08 and larger, the military part number shall  
 be marked on the part.

Load Ratings:

Radial static limit load =  $50,000 \times B \times (L + F - .13)$  lb

Dynamic radial load =  $25,000 \times B \times (L + F - .13)$  lb

Custodians:  
 Army - AV  
 Navy - AS  
 Air Force - 11

Preparing Activity:  
 Navy - AS  
 (Project No. 3120-0600)

Review Activities:  
 Army - AR  
 Navy - SH  
 Air Force - 99  
 DLA - IS

