

REV.  
A

AS85560/1

RATIONALE

AS85560/1A WAS CREATED TO UPDATE AND CLARIFY PART MARKING, RE-FORMAT TABLES, CORRECT TABLE ENTRIES, AND ADD NOTES REGARDING DOCUMENT USE AND GUIDANCE.

NOTICE

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT(S) DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DODISS SPECIFIED IN THE PROCUREMENT DOCUMENT: SAE AS85560.

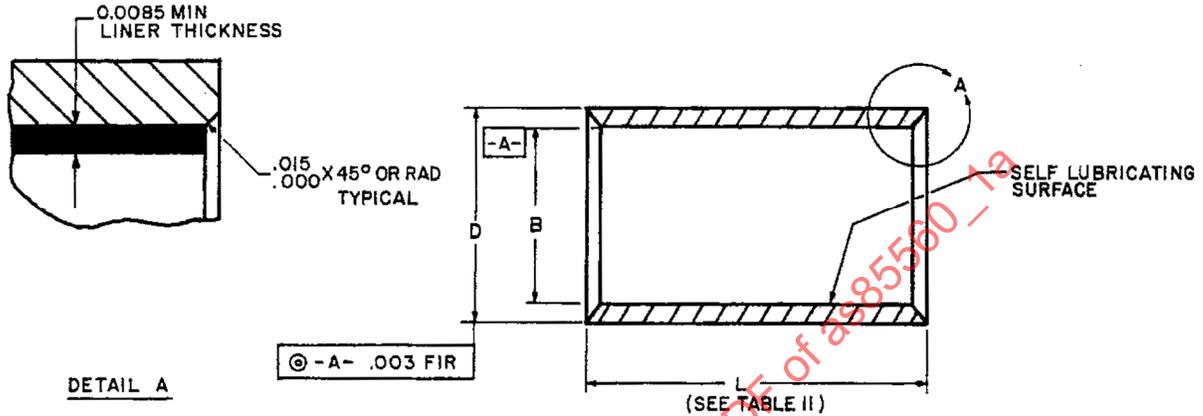
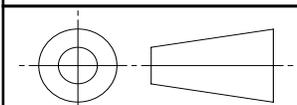


FIGURE 1

TABLE 1 - DIMENSIONS

PART NO.-XX	NOMINAL BORE SIZE	B DIA. +.0000 -.0010	D DIA. +.0005 -.0005
M85560/1-04	1/4	.2515	.3760
M85560/1-05	5/16	.3140	.4386
M85560/1-06	3/8	.3765	.5012
M85560/1-07	7/16	.4390	.5638
M85560/1-08	1/2	.5015	.6265
M85560/1-09	9/16	.5640	.6892
M85560/1-10	5/8	.6265	.8142
M85560/1-11	11/16	.6890	.8767
M85560/1-12	3/4	.7515	.9393
M85560/1-14	7/8	.8765	1.0645
M85560/1-16	1	1.0015	1.1898
M85560/1-18	1-1/8	1.1265	1.3148
M85560/1-20	1-1/4	1.2515	1.4398
M85560/1-22	1-3/8	1.3765	1.5648
M85560/1-24	1-1/2	1.5015	1.7523
M85560/1-26	1-5/8	1.6265	1.8773
M85560/1-28	1-3/4	1.7515	2.0023
M85560/1-32	2	2.0015	2.2523

THIRD ANGLE PROJECTION



CUSTODIAN: SAE AIRFRAME CONTROL BEARING GROUP

PROCUREMENT SPECIFICATION: NONE

**SAE Aerospace**  
An SAE International Group

**AEROSPACE STANDARD**

(R) BEARING, FIBER REINFORCED PLASTIC,  
SLEEVE, PLAIN, SELF LUBRICATING, +250 °F

**AS85560/1**  
SHEET 1 OF 3

**REV.  
A**

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.

MATERIAL: COMPOSITE: GLASS OR ARAMID FIBERS IN RESIN MATRIX.  
SELF-LUBRICATING SURFACE: TETRAFLUOROETHYLENE PER AS85560.

SURFACE TEXTURE: UNLESS OTHERWISE SPECIFIED, SMOOTH MACHINE FINISH 125  $\mu$ m Ra ON OD, 250  $\mu$ m Ra ON ALL OTHER SURFACES IN ACCORDANCE WITH ASME B46.1. SURFACE TEXTURE OF SELF-LUBRICATING SURFACE IS NOT SPECIFIED.

TEMPERATURE RANGE: -65 TO +250 °F.

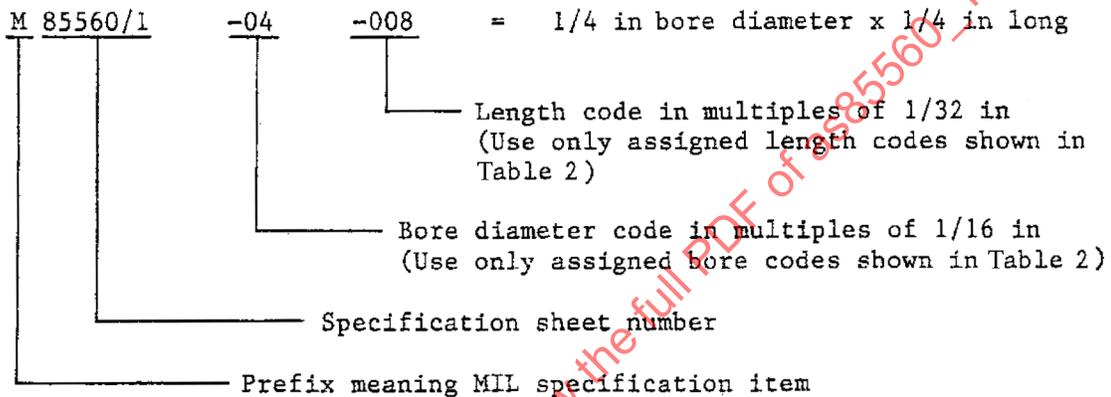
BREAK SHARP EDGES AND CORNERS AND REMOVE ALL BURRS AND SLIVERS.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS IN INCHES.

MARKING: FOR DASH NO. 08 AND LARGER, THE PART NUMBER FROM TABLE 1 SHALL BE MARKED ON THE PART. SMALLER SIZES SHOULD BE IDENTIFIED USING A TAG OR ON THE BAG.

NOTES:

1. EXAMPLE OF PART NUMBER:



2. IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCED CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.
3. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON THE DATE OF INVITATION FOR BID AND FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.
4. THE CHANGE BAR ( I ) LOCATED IN THE LEFT MARGIN IS FOR THE CONVENIENCE OF THE USER IN LOCATING AREAS WHERE TECHNICAL REVISIONS, NOT EDITORIAL CHANGES, HAVE BEEN MADE TO THE PREVIOUS ISSUE OF THIS DOCUMENT. AN (R) SYMBOL TO THE LEFT OF THE DOCUMENT TITLE INDICATES A COMPLETE REVISION OF THE DOCUMENT.

LOAD RATINGS:

RADIAL STATIC LIMIT LOAD = 50,000 X B X (L - 0.1) lb

DYNAMIC RADIAL LOAD = 25,000 X B X (L - 0.1) lb

 An SAE International Group	<b>AEROSPACE STANDARD</b>		<b>AS85560/1</b> SHEET 2 OF 3	<b>REV.</b> <b>A</b>
	(R) BEARING, FIBER REINFORCED PLASTIC, SLEEVE, PLAIN, SELF-LUBRICATING, +250 °F			