

REV.
B

SAE AS85560/1

FEDERAL SUPPLY CLASS
3120

RATIONALE

AS85560/1B WAS CREATED IN ASSOCIATION WITH THE FIVE YEAR DOCUMENT REVIEW TO UPDATE NUMBER FORMATTING IN ACCORDANCE WITH THE SAE TECHNICAL REPORT STYLE MANUAL.

NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF: SAE AS85560.

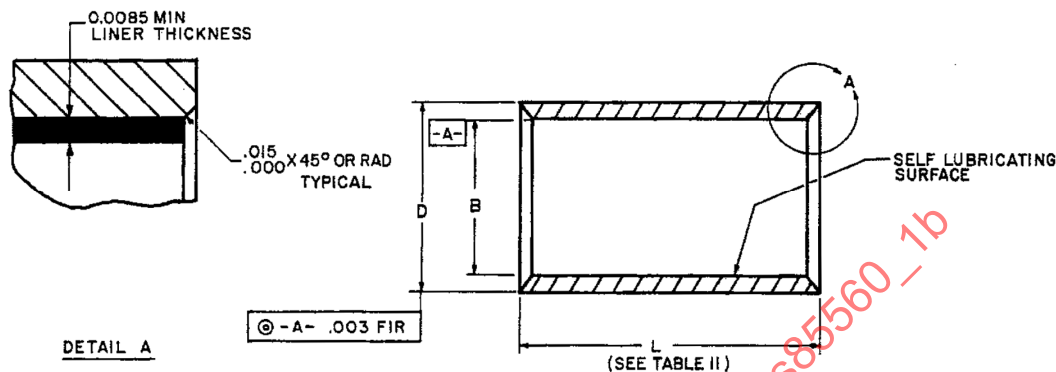


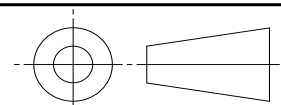
FIGURE 1

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

SAE values your input. To provide feedback on this Technical Report, please visit <http://www.sae.org/technical/standards/AS85560/1B>

THIRD ANGLE PROJECTION



CUSTODIAN: AIRFRAME CONTROL BEARING GROUP

PROCUREMENT SPECIFICATION: NONE

SAE Aerospace
An SAE International Group

AEROSPACE STANDARD

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

SAE AS85560/1
SHEET 1 OF 3

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

SURFACE TEXTURE: UNLESS OTHERWISE SPECIFIED, SMOOTH MACHINE FINISH 125 MICROINCH Ra MAXIMUM ON OD, 250 MICROINCH Ra MAXIMUM 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.

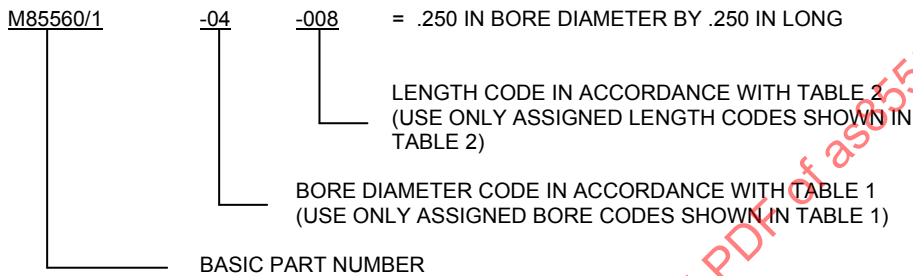
BREAK SHARP EDGES AND CORNERS AND REMOVE ALL BURRS AND SLIVERS.

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. A 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, INCLUDING TECHNICAL REVISIONS. CHANGE BARS AND (R) ARE NOT USED IN ORIGINAL PUBLICATIONS, NOR IN DOCUMENTS THAT CONTAIN EDITORIAL CHANGES ONLY.

LOAD RATINGS:

RADIAL STATIC LIMIT LOAD = 50 000 x B x (L - 0.1) POUND

DYNAMIC RADIAL LOAD = 25 000 x B x (L - 0.1) POUND

 An SAE International Group	AEROSPACE STANDARD	SAE AS85560/1 SHEET 2 OF 3	REV. B
	BEARING, FIBER REINFORCED PLASTIC, SLEEVE, PLAIN, SELF-LUBRICATING, +250 °F		