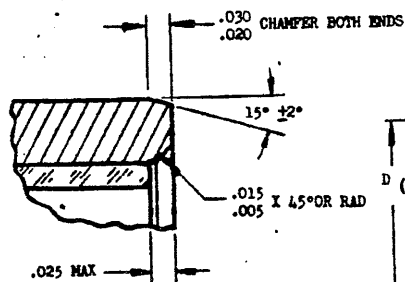


FED. SUP CLASS
3120

DETAIL A

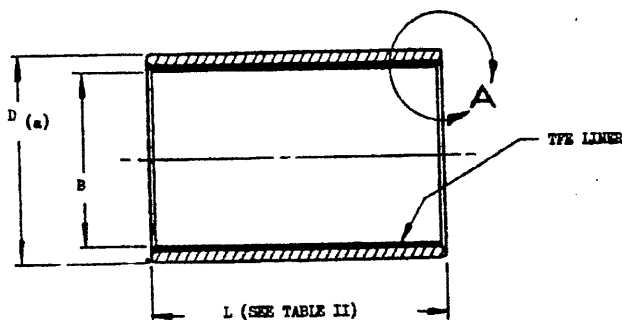
CONCENTRICITY TOLERANCE BETWEEN B AND D DIA.
SHALL NOT EXCEED .003 T.I.R.

TABLE I

DASH NO.	NOMINAL SIZE	B DIA +.0000 -.0010	D (a) DIA	WEIGHT LB/IN (REF) L = 1.000	
				AL	CRCS
-04	1/4	.2515	.3760	.006	.017
-05	5/16	.3140	.4386	.008	.022
-06	3/8	.3765	.5012	.009	.025
-07	7/16	.4390	.5638	.010	.028
-08	1/2	.5015	.6265	.011	.031
-09	9/16	.5640	.6892	.013	.036
-10	5/8	.6265	.8142	.022	.061
-11	11/16	.6890	.8767	.023	.064
-12	3/4	.7515	.9393	.025	.070
-14	7/8	.8765	1.0645	.029	.080
-16	1	1.0015	1.1898	.033	.091
-18	1 1/8	1.1265	1.3148	.037	.101
-20	1 1/4	1.2515	1.4398	.040	.111
-22	1 3/8	1.3765	1.5648	.044	.122
-24	1 1/2	1.5015	1.7523	.065	.179
-26	1 5/8	1.6265	1.8773	.070	.182
-28	1 3/4	1.7515	2.0023	.075	.207
-32	2	2.0015	2.2523	.085	.234

(a) D TOLERANCE: ALUMINUM, ±.0005; CORROSION RESISTANT STEEL, +.0000, -.0005.

TABLE II

SEE SHEET 2

DASH NO.	NOMINAL SIZE	LENGTH L																						
		+ .000 -.010																						
-04	1/4	08	09	10	11	12	14																	
-05	5/16	08	09	10	11	12	14	16	18															
-06	3/8	08	09	10	11	12	14	16	18	20	22													
-07	7/16	08	09	10	11	12	14	16	18	20	22	24	28											
-08	1/2	08	09	10	11	12	14	16	18	20	22	24	28											
-09	9/16	08	09	10	11	12	14	16	18	20	22	24	28	32	36									
-10	5/8	08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44							
-11	11/16	08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52					
-12	3/4	08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52					
-14	7/8	08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52					
-16	1	08	09	10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52	56	60			
-18	1 1/8			10	11	12	14	16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68	
-20	1 1/4					12	14	16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68	
-22	1 3/8					12	14	16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68	
-24	1 1/2					12	14	16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68	
-26	1 5/8							16	18	20	22	24	28	32	36	40	44	48	52	56	60	64	68	
-28	1 3/4									16	18	20	22	24	28	32	36	40	44	48	52	56	60	
-32	2											16	18	20	22	24	28	32	36	40	44	48	52	

P.A. Navy - AS
Other Cont
USAF - 11
ARMY - AV

TITLE

BEARING, SLEEVE, PLAIN, TFE LINED

PROCUREMENT SPECIFICATION
MIL-B-8934

SUPERSEDED

MILITARY STANDARD

MS21240

SHEET 1 OF 3

DD FORM 672-1
ASD use only

(coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PROJECT NO. 3120-0517

USER SYMBOLS:

REVIEWER SYMBOLS:

USAF - 99
PLA - 15
ARMY - AR

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This military standard is approved for use by all Departments & Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 10 Aug 1966 REVISED 15 Dec 66 20 Apr 67 23 Mar 68 8 MAY 1980

FED. SUP CLASS
3120TABLE III
INTERCHANGEABILITY (SEE STATUS NOTE)

LENGTH FROM TABLE II	COLUMN 1	COLUMN 2	COLUMN 3
	REV. A. DATED 5 DEC 1966 (LENGTHS IN 1/16 INCREMENTS)	REV. B DATED 10 APR 1967 (LENGTHS IN 1/32 INCREMENTS)	REV. C (LENGTHS IN 1/32 INCREMENTS)
1/4	04	08	008
9/32	—	09	009
5/16	05	10	010
11/32	—	11	011
3/8	06	12	012
7/16	—	14	014
1/2	08	16	016
9/16	—	18	018
5/8	10	20	020
11/16	—	22	022
3/4	12	24	024
7/8	—	28	028
1	16	32	032
1 1/8	—	36	036
1 1/4	20	40	040
1 3/8	—	44	044
1 1/2	24	48	048
1 5/8	—	52	052
1 3/4	28	56	056
1 7/8	—	60	060
2	32	64	064
2 1/8	—	68	068
2 1/4	36	72	072
2 3/8	—	76	076
2 1/2	40	80	080
2 3/4	—	88	088
3	48	96	096

MATERIAL: CODE

BEARING: "A" - ALUMINUM ALLOY, QQ-A-200/11 or QQ-A-225/9

"C" - CORROSION RESISTANT STEEL, AMS 5643 (17-4PH), AISI 410 OR 416

LINER: SEE PROCUREMENT SPECIFICATION

HARDNESS: 17-4PH COND H-1150 AS PER MIL-H-6875

410, 416 R_c 27-32 AS PER MIL-H-6875

FINISH:

ALUMINUM TO BE ANODIZED PER MIL-A-8625

SURFACE FINISH:

SMOOTH MACHINE FINISH 63 MICRO-INCH RHR ON O.D. 125 MICRO-INCH RHR ON ALL OTHER SURFACES PER
ASA B46.1 - 1962, UNLESS OTHERWISE SPECIFIED.

TEMPERATURE RANGE:

-65° F TO +250° F

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

DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED

EXAMPLE OF PART NUMBER:

MS21240 - 04 A 008 = 1/4 INCH BORE DIA ALUMINUM x 1/4 LONG

— LENGTH CODE IN MULTIPLES OF 1/32 INCH

— MATERIAL CODE

— BORE DIAMETER CODE IN MULTIPLES OF 1/16 INCH

— BASIC MS PART NUMBER

STATUS NOTE:

REVISION "A" AND REVISION "B" ARE CANCELLED AND SUPERSEDED BY REVISION "C" AFTER 28 MARCH 1969.

INTERCHANGEABILITY RELATIONSHIP:

USE ONLY ASSIGNED PART NUMBERS FOR LENGTH AS LISTED IN COLUMN 3 OF TABLE III.

LOAD RATINGS:

DYNAMIC CAPACITY 25,000 B x L LBS OR 25,000 B² LB WHICHEVER IS LESSER.STATIC LIMIT LOAD 60,000 B x L LBS OR 60,000 B² LB WHICHEVER IS LESSER.FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

P.A. Navy - AS Other Code USAF - 11 ARMY - AV	TITLE BEARING, SLEEVE, PLAIN, TFE LINED	MILITARY STANDARD
		MS21240
PROCUREMENT SPECIFICATION MIL-B-8943	SUPERSEDED:	SHEET 2 OF 3

DD FORM 672-1
AND use only

(Coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 10 Aug 1966 REVISED D FOR CHANGES SEE SHEET 3

USE SYMBOLS

REVISION SYMBOLS

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engineering and design applications and for replacing use that

be made from this document.

USAF - 99

PLA - 13

ARMY - AR

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3120

(D)

INTERCHANGEABILITY TABLE

INACTIVE FOR NEW DESIGN

MS21240 - 04A
 ↑
 - 05A
 - 06A
 - 07A
 - 08A
 - 09A
 - 10A
 - 11A
 - 12A
 - 14A
 - 16A
 - 18A
 - 20A
 - 22A
 - 24A
 - 26A
 - 28A
 ↓
 MS21240 - 32A

SUPERSEDED BY

MIL-B-81934/1 - 04A
 ↑
 - 05A
 - 06A
 - 07A
 - 08A
 - 09A
 - 10A
 - 11A
 - 12A
 - 14A
 - 16A
 - 18A
 - 20A
 - 22A
 - 24A
 - 26A
 - 28A
 ↓
 MIL-B-81934/1 - 32A

(D)

INTERCHANGEABILITY TABLE

INACTIVE FOR NEW DESIGN

MS21240 - 04C
 ↑
 - 05C
 - 06C
 - 07C
 - 08C
 - 09C
 - 10C
 - 11C
 - 12C
 - 14C
 - 16C
 - 18C
 - 20C
 - 22C
 - 24C
 - 26C
 - 28C
 ↓
 MS21240 - 32C

SUPERSEDED BY

MIL-B-81934/1 - 04C
 ↑
 - 05C
 - 06C
 - 07C
 - 08C
 - 09C
 - 10C
 - 11C
 - 12C
 - 14C
 - 16C
 - 18C
 - 20C
 - 22C
 - 24C
 - 26C
 - 28C
 ↓
 MIL-B-81934/1 - 32C

APPROVED 10 Aug 1966 REVISED (D) FOR CHANGES SEE SHEET 3

P.A.
NAVY - AS
Other:
USAF - 11
ARMY - AV

TITLE

BEARING, SLEEVE, PLAIN TPE LINED

MILITARY STANDARD

MS21240

PROCUREMENT SPECIFICATION
MIL-B-8943

SUPERSEDES:

SHEET 3 OF 3

DD FORM 1 MAR 72 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PLATE NO. 22005

USER SYMBOLS:

REVIEWER SYMBOLS:

USAF - 99
DLA - 13
ARMY - AR

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B. Agencies of the Department of Defense. Selection for all new
engineering and design applications and for reutilizing use shall
be made from this document.