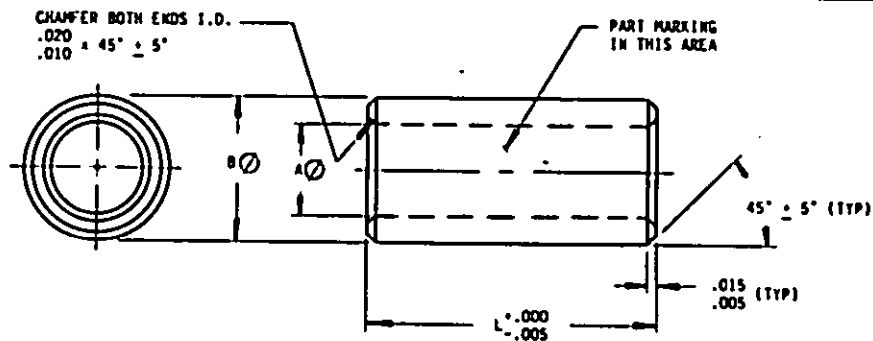


FED. SUP CLASS
3120

SIZE DASH NO.	NOM DIA.	A \varnothing	B \varnothing	RECM'D HOUSING CORE	INTERFERENCE FIT (REF)
-03	.1900	.177 .184	.3142 .3137	.3133 .3125	.0017 .0004
-04	.2500	.235 .243	.3767 .3762	.3758 .3750	.0017 .0004
-05	.3125	.299 .307	.4393 .4388	.4383 .4375	.0018 .0005
-06	.3750	.356 .364	.5020 .5013	.5008 .5000	.0020 .0005
-07	.4375	.421 .428	.5646 .5639	.5634 .5625	.0021 .0005
-08	.5000	.483 .490	.6272 .6264	.6259 .6250	.0022 .0005
-10	.6250	.609 .615	.8150 .8140	.8134 .8125	.0025 .0006
-12	.7500	.732 .742	.9400 .9390	.9384 .9375	.0025 .0006
-14	.8750	.857 .867	1.0651 1.0641	1.0635 1.0625	.0026 .0006
-16	1.0000	.982 .992	1.1901 1.1891	1.1885 1.1875	.0026 .0006
-18	1.1250	1.107 1.117	1.3151 1.3141	1.3135 1.3125	.0026 .0006
-20	1.2500	1.232 1.242	1.4401 1.4391	1.4385 1.4375	.0026 .0006

NOTES:

- (A) 1. LENGTH TO BE SPECIFIED IN .010 INCH INCREMENTS. BUSHING LENGTHS ALLOWED TO BE CODED BY THIS STANDARD SHALL BE A MAXIMUM OF 5 TIMES THE NOMINAL CORE DIAMETER AND A MINIMUM OF 1/4 TIMES THE NOMINAL CORE DIAMETER.
2. DIAMETERS TO BE CONCENTRIC WITHIN .003 FIR.
3. DIMENSIONS TO BE MET AFTER PLATING.
4. ALL SURFACES 125 RMS OR SMOOTHER IN ACCORDANCE WITH ANSI B46.1.
5. THESE BUSHINGS INTENDED FOR REAMING ON ASSEMBLY.
6. DIMENSIONS ARE IN INCHES.

(A) REVISED AND REDRAWN

P.A.
NAVY - AS
Other Cost
ARMY - AY
AF - 11PROCUREMENT SPECIFICATION
NOTE

TITLE

BUSHING, SLEEVE PLAIN, PRESS FIT, REAM TYPE

SUPERSEDES:

MILITARY STANDARD

MS14237

SHEET 1 OF 2

DD FORM 672-1 (Continued)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PROJECT NO. 3120-0658

REVISED (A) 2 APR 1967

APPROVED 15 OCT 1962

USED SYMBOLS:

REVIEWED SYMBOLS:
AF - 99
DA - 15

*Customer/Order Information is current as of the date of this document.
For future contributions of changes to this document, or of documents
should be listed in the information in the current BODS.

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AMSC N/A

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U/MSC M/A

FED. SUP CLASS
3120

MATERIAL: STEEL - 4130 STEEL PER MIL-S-6758 OR MIL-T-6736
CORROSION RESISTANT STEEL - 17-4 PH PER AMS5643, PASSIVATE PER MIL-S-5002
ALUMINUM NICKEL BRONZE PER AMS4640
* BERYLLIUM COPPER PER QQ-C-530, CONDITION H.T.

HEAT TREAT: STEEL - 125,000 - 145,000 PSI UTS
CORROSION RESISTANT STEEL - 135,000 - 170,000 PSI UTS

FINISH: CADMIUM PLATE OUTSIDE DIAMETER AND END SURFACES PER QQ-P-416 TYPE II, CLASS 2. FLASH PERMITTED IN BORE.

PART MARKING: BUSHINGS WITH AN "L" DIMENSION OF .500 OR LONGER SHALL BE RUBBER STAMPED WITH THE SUPPLIERS NAME, TRADEMARK, OR CODE NUMBER, BASIC MILITARY STANDARD NUMBER (LESS MS PREFIX), MATERIAL CODE AND SIZE CODE. PACKAGES SHALL BE MARKED WITH THE SUPPLIERS NAME, TRADEMARK OR CODE NUMBER AND THE COMPLETE MILITARY STANDARD NUMBER FOR ALL BUSHING SIZES.

PART CALLOUT:

MS14237 () () () ()

— LENGTH IN .010 INCREMENTS (SEE NOTE 1) (ALWAYS 3 DIGITS)

— FINISH "-" NO FINISH
"P" CADMIUM PLATE

— SIZE DASH NO. (NOM. DIA.)

"A" ALUMINUM NICKEL BRONZE

"B" BERYLLIUM COPPER

C CORROSION RESISTANT STEEL

"S" ALLOY STEEL

— BASIC PART NUMBER

EXAMPLES:

MS14237S06P037 - BUSHING, PLAIN, STEEL, FOR .375 NOM. DIA., CADMIUM PLATED, .370 INCHES LONG

MS14237B16-500 - BUSHING, PLAIN, BERYLLIUM COPPER FOR 1.000 NOM. DIA., UNPLATED, 5.00 INCHES LONG

IN THE EVENT OF A CONFLICT BETWEEN THE TEXT OF THIS STANDARD AND THE REFERENCES CITED HEREIN, THE TEXT OF THIS STANDARD SHALL TAKE PRECEDENCE.

REFERENCED GOVERNMENT (OR NON-GOVERNMENT) DOCUMENTS OF THE ISSUE LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DoDISS) SPECIFIED IN THE SOLICITATION FORM A PART OF THIS STANDARD TO THE EXTENT SPECIFIED HEREIN.

APPROVED 15 OCT 1982 REVISED (A) FOR CHANGES SEE SHEET 1

P.A. NAVY — AS Other Cust ARMY — AV AF — 11	TITLE BUSHING, SLEEVE PLAIN, PRESS FIT, REAM TYPE	MILITARY STANDARD MS14237
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	SHEET 2 OF 2