

USER ACTIVITIES:
ARMY - AV

REVIEWER ACTIVITIES:
ARMY - AR, MI
AIR FORCE - 84
DLA - IS

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

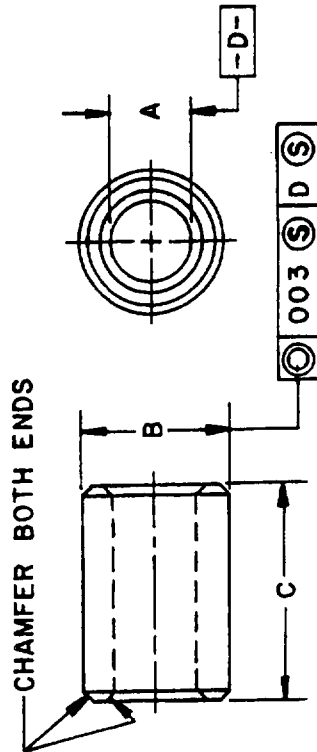


TABLE 1. DIMENSIONS AND DASH NUMBERS.

NOTAL ID	1/8	5/32	3/16	1/4	5/16	3/8	7/16
A-BASIC ID	0.127	0.159	0.1895	0.252	0.3145	0.377	0.439
B-BASIC ID	0.1005	0.253	0.253	0.378	0.4405	0.503	0.565
C LENGTH	0.1005	0.253	0.253	0.378	0.4405	0.503	0.565
3/32	1	1	1	1	1	1	1
1/8	2	2	2	2	2	2	2
3/16	3	3	3	3	3	3	3
1/4	4	4	4	4	4	4	4
5/16	5	5	5	5	5	5	5
3/8	6	6	6	6	6	6	6
7/16	7	7	7	7	7	7	7
1/2	8	8	8	8	8	8	8
5/8	9	9	9	9	9	9	9
3/4	10	10	10	10	10	10	10
7/8	11	11	11	11	11	11	11
1-1/8	12	12	12	12	12	12	12
1-1/4	13	13	13	13	13	13	13
1-1/2	14	14	14	14	14	14	14

(A) ENTIRE STANDARD REVISED

P. A. Other Cust	OS AT 99	INTERNATIONAL INTEREST	TITLE BEARING, SLEEVE, PLAIN, SINTERED BRONZE, OIL IMPREGNATED	MILITARY STANDARD MS 17795
PROCUREMENT SPECIFICATION MIL-B-5687			SHEET 1 OF 4	

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3120-0591

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

REVIEWER ACTIVITIES
ARMY - AR,MI
AIR FORCE - 84
DLA - IS

USER ACTIVITIES:
ARMY - AV

FED. SUP CLASS
3120

TABLE I. DIMENSIONS AND DASH NUMBERS. -CONTINUED

NOMINAL ID	1/2		5/8		3/4		7/8		1		1-1/8	
	0.502		0.627		0.752		0.877		1.003		1.128	
A-BASIC ID	0.628		0.753		0.879		1.004		1.129		1.254	
B-BASIC OD	0.628		0.753		0.879		1.004		1.129		1.254	
C LENGTH	0.628		0.753		0.879		1.004		1.129		1.254	
	0.628		0.753		0.879		1.004		1.129		1.254	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO		DASH NO		DASH NO		DASH NO	
DASH NO	STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS		STAT CAP LBS	
	DASH NO		DASH NO		DASH NO							

USER ACTIVITIES
ARMY - AVREVIEWER ACTIVITIES
ARMY - AR, MI
AIR FORCE - 84
DLA - ISThis military standard is approved for use by all Departments and Agencies of the Department of Defense
Selection for all new engineering and design applications and for repetitive use shall be made from this document

TABLE 1. DIMENSIONS AND DASH NUMBERS. CONTINUED.

NOMINAL ID	1-1/4		1-3/8		1-1/2		1-3/4		2		2-1/4		2-1/2		3	
	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS
A-BASIC ID	1-2535		1-378	1-504	1-755	1-880		1-753	2-004		2-254	2-505		3-006		
P-BASIC ID	1-504	1-630	1-629						2-380	2-505		2-631	3-006		3-507	
C LENGTH	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS	DASH NO	STAT CAP LBS
1	155	10313	312	11344	173	12375	330									
1-1/8	309	11602	313	324	327	13922	331									
1-1/4	156	12991	314	165	174	15469	332									
1-1/2	157	15469	315	166	17016	175	18563	333								
1-5/8	310	16798	316	325	18434	334	20109	334								
1-3/4	158	18047	317	167	19952	176	21656	335								
1-7/8	311	19336	318	326	21270	336	23203	336								
2	159	20625	319	168	22688	177	24750	337								
2-1/4	160	22003	320	169	24523	178	27844	338								
2-1/2	161	25781	321	170	28359	179	30938	339								
2-3/4	162	28359	322	171	31195	180	34031	340								
3	163	30938	323	172	34031	181	37125	341								
3-1/4																
3-1/2																
3-3/4																
4																

REQUIREMENTS:

1. THESE BEARINGS ARE NOT INTENDED FOR REAMING ON ASSEMBLY.
2. MATERIAL: SINTERED, COPPER BASE, POWDERED METAL IN ACCORDANCE WITH MIL-B-5687. TYPE I, GRADE 1 OR 2. YIELD STRENGTH IN COMPRESSION, 11,000 PSI (MIN) FOR 0.1% PERMANENT SET.
3. HARDNESS: 30-70 HR.
4. POROSITY: (OIL CONTENT BY VOLUME) 20% MINIMUM.
5. LUBRICATION: BEARINGS ARE TO BE IMPREGNATED 18% BY VOLUME WITH OIL CONFORMING TO MIL-L-17531.
6. DIMENSIONS: ALL DIMENSIONS ARE IN INCHES.
7. DIMENSIONAL TOLERANCES AND CHAMFERS: SEE TABLES II, III, IV, AND V.
8. LOAD RATINGS: SEE TABLE VI AND REQUIREMENT 9.
9. PERMISSIBLE LOAD: FOR SHAFT VELOCITIES ABOVE 200 FEET PER MINUTE, THE PERMISSIBLE LOAD IS FOUND FROM THE FOLLOWING:
$$P = \frac{50,000}{V} \text{ WHERE } P = \text{SAFE LOAD, PSI OF PROJECTED AREA (} \pi \times \text{BEARING ID} \times \text{LENGTH)}$$

$$V = \text{SHAFT VELOCITY IN FT/MIN}$$

10. STATIC CAPACITY: SPECIFIC STATIC CAPACITY IS 75% OF THE MAXIMUM PURE RADIAL LOAD WHICH WILL PRODUCE A PERMANENT SET OF LESS THAN 0.1% IN BEARING AT ANY CONTACT AREA BETWEEN SHAFT AND BEARING AT ZERO VELOCITY.
(NOTE: THE SPECIFIC STATIC CAPACITY GIVEN IS INTENDED AS A GUIDE IN SELECTING THE PROPER BEARING AND NO TESTS ARE REQUIRED TO DETERMINE THIS FACTOR FOR ACCEPTANCE OF BEARING.)
11. STATIC LOAD: THE MAXIMUM LOAD SHOULD NOT EXCEED 8,500 PSI OF PROJECTED BEARING AREA (LENGTH \times INSIDE DIAMETER OF BEARING).
12. RADIAL CRUSHING STRENGTH: THE RADIAL CRUSHING STRENGTH OF CYLINDRICAL PARTS SHALL BE NOT LESS THAN THE VALUE DETERMINED FROM THE FOLLOWING:
$$S = \frac{L^2 - 22,500 \text{ WHERE}}{D - t}$$

S = RADIAL CRUSHING STRENGTH IN POUNDS
D = OD OF BEARING IN INCHES
t = WALL THICKNESS IN INCHES
L = LENGTH OF BEARING IN INCHES

P. A	OS	INTERNATIONAL INTEREST	TITLE
Other Cust	AT		BEARING, SLEEVE, PLAIN, SINTERED
	99		BRONZE, OIL IMPREGNATED
PROCUREMENT SPECIFICATION		SUPERSEDES:	
MIL - B - 5687			

MILITARY STANDARD

MS 17795

SHEET 3 OF 4

USER ACTIVITIES:
ARMY - AV

REVIEWER ACTIVITIES
ARMY - AR, MI
AIR FORCE - 84
DLA - IS

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

FED. SUP CLASS
3120

TABLE IV. SHAFT RUNNING CLEARANCE.

SHAFT SIZE	CLEARANCE MIN
UP TO 0.760	0.0005
0.761 TO 1.510	0.0010
1.511 TO 2.510	0.0015
OVER 2.510	0.0020

TABLE V. RECOMMENDED PRESS FITS.

OUTSIDE DIAMETER "B"	PRESS FITS	
	MAX	MIN
UP TO 0.760	0.003	0.001
0.760 TO 1.510	0.004	0.0015
1.511 TO 2.510	0.005	0.002
2.511 TO 3.010	0.006	0.002
OVER 3.010	0.007	0.002

TABLE VI. PERMISSIBLE LOAD RATINGS.

SHAFT VELOCITY (FEET PER MINUTE)	PERMISSIBLE LOAD (POUNDS PER SQUARE INCH)
SLOW AND INTERMITTENT	4000
25	2000
26 TO 50 INCL	1000
51 TO 100 INCL	500
101 TO 150 INCL	325
151 TO 200 INCL	250
OVER 200	SEE REQUIREMENT B

TABLE II. DIMENSIONAL TOLERANCES.

DIMENSION	BEARING SIZE	TOLERANCE
INSIDE DIAMETER "A" AND OUTSIDE DIAMETER "B"	UP TO 1.510 ID INCL	+0.000 -0.001
	1.511 TO 2.510	+0.000 -0.0015
	2.511 TO 3.010	+0.000 -0.002
LENGTH "C"	3.011 TO 3.507	+0.000 -0.003
	UP TO 1.495 INCL	+0.005
	1.496 TO 2.990	+0.0075
CONCENTRICITY (C) FULL INDICATOR MOVEMENT (FTM)	2.991 TO 4.000	+0.010
	OUTSIDE DIAMETER (BASIC)	TOLERANCE
	UP TO 1.379 1.380 TO 2.005 2.006 TO 3.507	0.003 0.004 0.005

TABLE III. CRAMPERS.

RANGE	SIZE
WALL THICKNESS UP TO AND INCLUDING 3/32"	BRAK FIBER
WALL THICKNESS GREATER THAN 3/32" UP TO 5" OUTSIDE DIAMETER	1/64 INCH x45 DEGREES
ALL BEARINGS 3" OUTSIDE DIAMETER AND OVER	1/32 INCH x45 DEGREES

REQUIREMENTS - CONTINUED:

1. PART NUMBER. THE BASIC MILITARY STANDARD (MS) PART NUMBER IS FOLLOWED BY A DASH NUMBER SELECTED FROM TABLE I.

EXAMPLE: MS17795-1
DASH NUMBER FROM TABLE I
BASIC MS NUMBER

NOTES:

- FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
- REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON THE DATE OF INVITATIONS FOR BIDS OR REQUEST FOR PROPOSALS, EXCEPT THAT REFERENCED ADOPTED INDUSTRY DOCUMENTS SHALL GIVE THE DATE OF THE ISSUE ADOPTED.
- NOT RECOMMENDED FOR MILITARY AIRCRAFT APPLICATIONS.

P. A. Other Cust	OS AT 99	INTERNATIONAL INTEREST	TITLE BEARING, SLEEVE, PLAIN, SINTERED BRONZE, OIL IMPREGNATED	MILITARY STANDARD MS 17795
PROCUREMENT SPECIFICATION MIL-B-5687			SUPERSEDES:	SHEET 4 OF 4

DD FORM 672-1 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

3120-0591

APPROVED 14 FEB 1962 REVISED (A) FOR CHANGES SEE PAGE 1