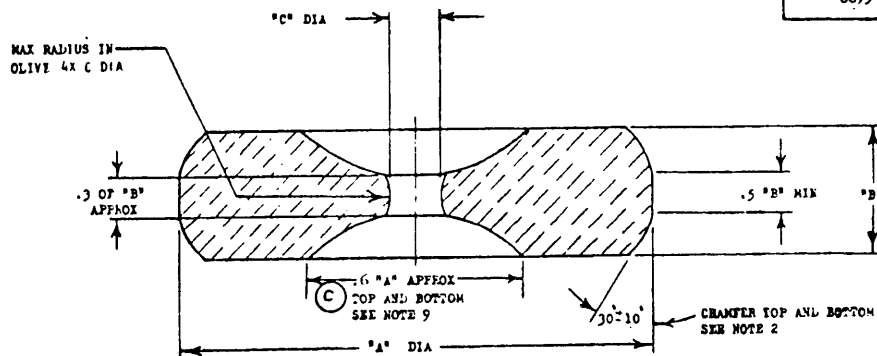


6695-0030

FED. SUP CLASS  
6695

MS PART NO.	A		B		C	
	INCHES	0.01 MM	INCHES	0.01 MM	INCHES	0.01 MM
-5					.0048	12 $\begin{smallmatrix} +.4 \\ -0 \end{smallmatrix}$
-7					.0063	16 $\begin{smallmatrix} +.4 \\ -0 \end{smallmatrix}$
-9	.050	127 $\begin{smallmatrix} +0 \\ -1 \end{smallmatrix}$	.0125	34 $\begin{smallmatrix} +0 \\ -5 \end{smallmatrix}$	.008	20 $\begin{smallmatrix} +.4 \\ -0 \end{smallmatrix}$
-11					.010	25.5 $\begin{smallmatrix} +.4 \\ -1 \end{smallmatrix}$
-13					.0125	32 $\begin{smallmatrix} +.3 \\ -1.2 \end{smallmatrix}$
-14	.0625	160 $\begin{smallmatrix} +0 \\ -1 \end{smallmatrix}$			.0157	40 $\begin{smallmatrix} +.3 \\ -1.2 \end{smallmatrix}$
-14A			.020	50 $\begin{smallmatrix} +0 \\ -5 \end{smallmatrix}$	.0183	46.5 $\begin{smallmatrix} +.5 \\ -0 \end{smallmatrix}$
-15					.020	51 $\begin{smallmatrix} +.3 \\ -1.2 \end{smallmatrix}$
-16	.080	204 $\begin{smallmatrix} +0 \\ -1 \end{smallmatrix}$			.025	63.5 $\begin{smallmatrix} +.5 \\ -0 \end{smallmatrix}$
-17					.0313	79.5 $\begin{smallmatrix} +.5 \\ -1 \end{smallmatrix}$

NOTES -

- UNIT OF MEASURE: 0.01 MM
- CHAMFER SHAPE AT THE OPTION OF THE JEWEL MANUFACTURER
- BREAK ALL SHARP CORNERS EXCEPT THAT INTERSECTION OF CUP AND FLAT SURFACE MUST BE WELL DEFINED
- THE FLAT SURFACES WILL BE PARALLEL WITHIN 1 PER MM OF OUTSIDE DIAMETER
- DIA'S "A" AND "C" TO BE ROUND WITHIN 0.5
- DIA'S "A" AND "C" TO BE CONCENTRIC WITHIN 1
- DIA "A" MUST BE PERPENDICULAR TO FLAT SIDE WITHIN 2"
- FLAT OR CUP SIDE MUST BE LARGE ENOUGH TO ALIGN JEWEL IN ITS SETTING
- DEPTH AND SHAPE OF CUP IS AT THE OPTION OF THE MANUFACTURER
- MINIMUM DIAMETER OF OLIVE MUST OCCUR IN THE MIDDLE THIRD OF HOLE LENGTH WITH ITS PLANE PARALLEL TO THE FLAT SURFACES WITHIN 2 PER MM OF OUTSIDE DIAMETER

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  
 DIMENSIONS IN INCHES ARE FOR REFERENCE ONLY

Review activities:  
 Navy - AS  
 Air Force - 82

THIS MILITARY STANDARD IS APPROVED BY THE DEPARTMENT OF DEFENSE AND IS  
 APPLICABLE TO ALL ACTIVITIES. SELECTION FOR ALL NEW ENGINEERING AND DESIGN  
 APPLICATIONS AND FOR REPETITIVE USE SHALL BE MADE FROM THIS DOCUMENT.

P.A. Air Force 11  
 Other Cust Army - MU  
 Navy - SH

TITLE

BEARING, JEWEL - OLIVE HOLE,  
 DOUBLE CUP

MILITARY STANDARD

MS27042

PROCUREMENT SPECIFICATION  
 MIL-B-27707

SUPERSEDES

SHEET / OF /

DD FORM 672-

(CONTINUED)

APPROVED 20 JAN 1961 REVISED (A) 30 OCT 61 (B) 20 MAY 70 (C) 30 AUG 73