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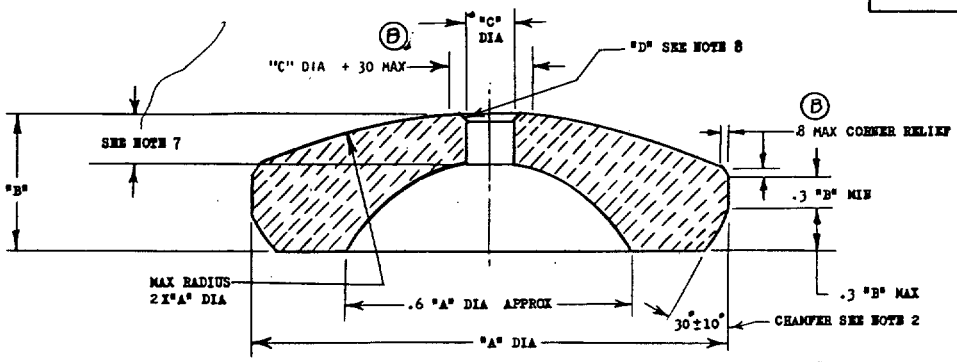

(B)

MS PART NO.	A		B		C		D
	INCHES	0.01 MM	INCHES	0.01 MM	INCHES	0.01 MM	0.01 MM
-3	.040	102 +0 -1	.010	26 +0 -4	.004	10 +.4 -0	
-5					.0048	12 +.4 -0	2.00
-7	.050	127 +0 -1	.0125	34 +0 -5	.0063	16 +.4 -0	TO
-9					.008	20 +.4 -0	8.00
-11					.010	25.5 +.4 -.1	
-13					.0125	32 +.3 -.2	
-14	.0625	160 +0 -1			.0157	40 +.3 -.2	
(B) -14A			.020	50 +0 -5	.0183	46.5 +.5 -0	6.00
-15					.020	5[illegible] +.3 -.2	TO
-16	.080	204 +0 -1			.025	63.5 +.5 -0	12.00
-17					.0313	79.5 +.5 -.1	
-18	.100	254 +0 -1.5			.040	102 +.5 -.1	9.00
-19			.031	80 +0 -5	.050	127 +.5 -.1	(B) TO
-20	.156	397 +0 -2			.0625	159 +.5 -.25	15.00
-21					.080	203.5 +.25 -.5	

NOTES -

1. UNIT OF MEASURE: 0.01 MM
2. CHAMFER SHAPE AT THE OPTION OF THE JEWEL MANUFACTURER
3. BREAK ALL SHARP CORNERS EXCEPT THAT INTERSECTION OF CUP AND FLAT SURFACE MUST BE WELL DEFINED
4. DIA'S "A" AND "C" TO BE ROUND WITHIN 0.5
5. DIA'S "A" AND "C" TO BE CONCENTRIC WITHIN 1
6. FLAT ON CUP SIDE MUST BE LARGE ENOUGH TO ALIGN JEWEL IN ITS SETTING
7. DEPTH AND SHAPE OF CUP IS AT THE OPTION OF THE MANUFACTURER, BUT THE LENGTH OF THE HOLE MAY NOT EXCEED DIA "C" NOR BE LESS THAN 1/3 DIA "C"
8. "D" MIN CLEARANCE FOR PIVOT FILLET RADIUS. SHAPE AT THE OPTION OF JEWEL MANUFACTURER
9. THE BOMBE' MUST BE UNIFORM
10. HIGH POINT OF BOMBE' TO CONCENTRIC TO DIA "C" WITHIN 3

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

APPROVED 20 JAN 1961 REVISED (A) 30 Oct 61 (B) 20 MAY 1970

REVIEWER: ARMY (EL) NAVY (AS) A.F. 82

THIS MILITARY STANDARD IS APPROVED BY THE DEPARTMENT OF DEFENSE AND IS MANDATORY ON 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 - BAR HOLE, BOMBE'	MILITARY STANDARD MS27049
PROCUREMENT SPECIFICATION MIL-B-27497	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 67 672 (COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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