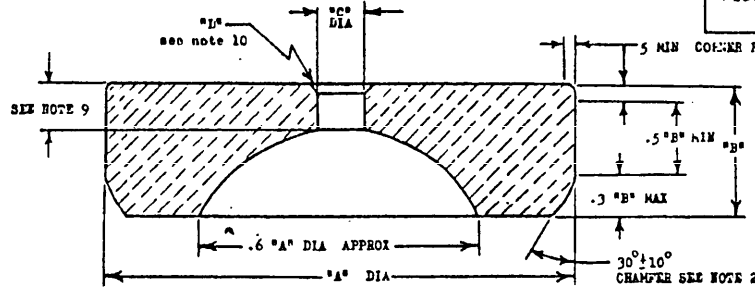


6695-0029

FED. SUP CLASS
6695



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 ⁺⁰ ₋₀	1 TO 4
-5	.050	127 ⁺⁰ ₋₁	.0125	34 ⁺⁰ ₋₅	.0048	12 ⁺⁰ ₋₀	
-7					.0063	16 ⁺⁰ ₋₀	
-9					.008	20 ⁺⁰ ₋₀	
-11					.010	25.5 ⁺⁰ ₋₁	
-13	.0625	160 ⁺⁰ ₋₁	.020	50 ⁺⁰ ₋₅	.0125	32 ⁺⁰ ₋₂	2 TO 8
-14					.0157	40 ⁺⁰ ₋₂	
-14A					.0183	46.5 ⁺⁰ ₋₀	
-15					.020	51 ⁺⁰ ₋₂	
-16	.080	204 ⁺⁰ ₋₁	.031	60 ⁺⁰ ₋₅	.025	63.5 ⁺⁰ ₋₀	
-17	.0313	79.5 ⁺⁰ ₋₁					
-18	.040	102 ⁺⁰ ₋₁					
-19	.050	127 ⁺⁰ ₋₁					
-20	.0625	159 ⁺⁰ ₋₂₅					
-21	.080	203.5 ⁺⁰ ₋₅					

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 COCENTRIC WITHIN 1
- DIA "A" MUST BE PERPENDICULAR TO FLAT SIDE WITHIN 2"
- FLAT ON CUP SIDE MUST BE LARGE ENOUGH TO ALIGN JEWEL IN ITS SETTING
- DEPTH AND SHAPE OF CUP IS AT THE OPTION OF THE MANUFACTURER, BUT THE LENGTH OF THE HOLE MAY NOT EXCEED DIA "C" IT BE LESS THAN 1/3 DIA "C", EXCEPT FOR HOLE SIZES ABOVE -16
- "D" DEL CLEARANCE FOR PIVOT FILLET RADIUS. SHAPE AT THE OPTION OF JEWEL MANUFACTURER

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

APPROVED 20 JAN 1961 REVISED (A) 30 Oct 61 (B) 12 Jun 63 (C) 20 May 70 (D) 30 Aug 73

P.A. Other Cust	Air Force - 1 Army - MU Navy - SH	TITLE BEARING, JEWEL-BAR HOLE	MILITARY STANDARD
PROCUREMENT SPECIFICATION <i>MIL-B-27497</i>		SUPPLEMENT	MS27041
DD FORM 672-			SHEET OF