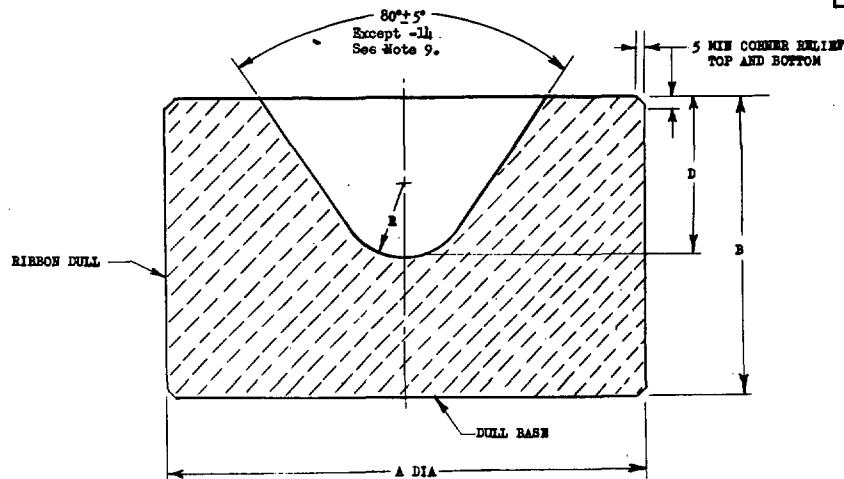


FED. SUP CLASS
6695

MS PART NO.	A		B		D		R	
	INCHES	0.01 MM	INCHES	0.01 MM	INCHES	0.01 MM	INCHES	0.01 MM
		+0 -2		+0 -5		±5		
-1							.002	+2 5 -1
-2	.040	102	.031	80	.012	30	.0032	8 ±2
-3							.0048	12 ±3
-4							.002	+2 5 -1
-5	.050	127	.040	102	.014	35	.0032	8 ±2
-6							.0048	12 ±3
-7							.0032	8 ±2
-8	.0625	160	.050	127	.0157	40	.0048	12 ±3
-9							.0072	18 ±4
-10							.0032	8 ±2
-11	.080	204	.0625	160	.020	50	.0048	12 ±3
-12							.0072	18 ±4
-13					.024	60	.014	35 ±5
-14							.0079	20 ±4

NOTES -

1. UNIT OF MEASURE: 0.01 MM
2. BREAK ALL SHARP CORNERS
3. THE FLAT SURFACES WILL BE PARALLEL WITHIN 1 PER MM OF OUTSIDE DIAMETER
4. DIA "A" AND RADIUS "R" TO BE ROUNDED WITHIN 1
5. DIA "A" AND VEE TO BE CONCENTRIC WITHIN 5 T.I.R.
6. DIA "A" MUST BE PERPENDICULAR TO RASH WITHIN 2"
7. TOP OF JEWEL AND UPPER HALF OF VEE TO BE BRUSHED AND POLISHED UNIFORMLY. SMALL CHIPS AND SCRATCHES WHICH HAVE BEEN BRUSHED CLEAN MAY BE ACCEPTED
8. LOWER HALF OF VEE AND RADIUS TO BE FREE OF DEFECTS VISIBLE WITH 30X MAGNIFICATION
9. THE V-ANGLE FOR PART NO. 11 SHALL BE 95° ±5°

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

(B)

DIMENSIONS IN INCHES ARE FOR REFERENCE ONLY

REVIEWER: ARMY (EL)
NAVY (AS)
A.F. 82THIS 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 REPEITIVE USE SHALL BE MADE FROM THIS DOCUMENT.

P.A. Air Force 11	TITLE	MILITARY STANDARD
Other Cust Army - MU Navy - SH	BEARING, JEWEL - VEE	MS27045
PROCUREMENT SPECIFICATION MIL-B-27427	SUPERSEDES:	SHEET 1 OF 1

DD FORM 1 SEP 57 672

(COORDINATED)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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