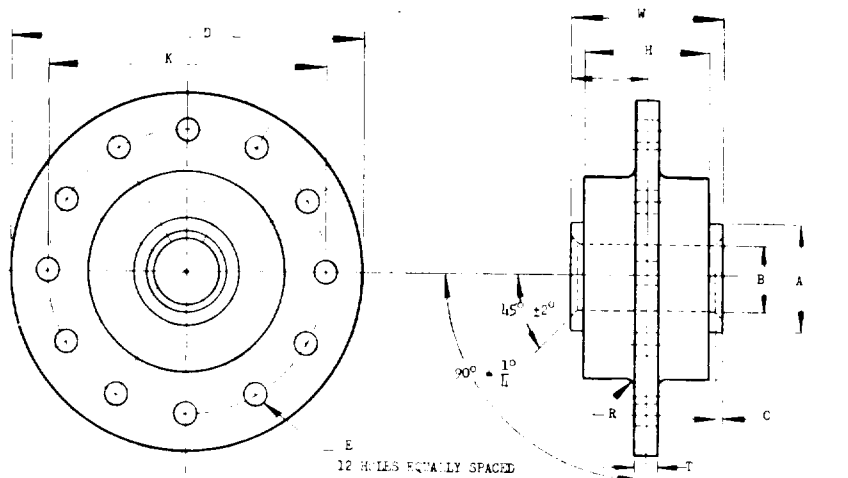


FED. SUP CLASS
3110

DASH NO.	BORE SIZE NOM	A MIN DIA	B +.0000 -.0005	C +.010 -.005	D ±.010	E +.000 -.005	H ±.005	J ±.010	K ±.005	R +.010 -.000	T ±.005	W +.000 -.005
-1	1/4	.382	.2500	.015	1.625	.145	.500	.750	1.312	.062	.062	.625
-2	5/16	.441	.3125		1.687		.562	.875	1.375			.687

DASH NO.	RADIAL PLAY IN. MAX	AXIAL PLAY IN. MAX	WOBBLE IN. MAX	RADIAL STATIC CAPACITY LBS MIN	AXIAL STATIC CAPACITY LBS MIN	RADIAL ENDURANCE LOAD LBS MIN	LIMIT MOMENT RATING INCH-LBS MIN	WEIGHT LBS MAX
-1				2770	700	500	.444	.06
-2	.0010	.0020	.0050	3280	900	630	.551	.08

MATERIAL: RINGS, MIL-S-7420.
BALLS, MIL-B-1083
PLATING: CADMIUM PLATE, QQ-P-416, TYPE 1, CLASS 2, THICKNESS .0005 MAX.
HARDNESS: RINGS, Rc -58 - 62.
RIVETING FLANGES, Rc -25 MAX.
BALLS, MIL-B-1083.

SURFACE ROUGHNESS: $32\sqrt{}$ ALL OVER, RACEWAYS $16\sqrt{}$ IN ACCORDANCE WITH ANSI B46.1-62.

REMOVE ALL BURRS AND SHARP EDGES.

DIMENSIONS IN INCHES, UNLESS OTHERWISE SPECIFIED DIMENSIONS TO BE MET AFTER PLATING.

LUBRICATION: MIL-G-23827

INTERCHANGEABILITY RELATIONSHIP - MS20218 -1 AND -2 PARTS CAN UNIVERSALLY REPLACE THE INACTIVATED AN218PL AND P5 PARTS, RESPECTIVELY; BUT THE INACTIVATED AN218PL AND P5 PARTS CANNOT ALWAYS REPLACE THE SUPERSEDING MS20218-1 AND -2 PARTS.

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.

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 negative use shall be made from this document.

P.A. USAF - 11 (B)	TITLE	MILITARY STANDARD
Other Cust Army - AT Navy - AS	BEARING, BALL, ANTI-FRICTION, AIRFRAME	MS20218
PROCUREMENT SPECIFICATION MIL-B-6038	SUPERSEDES: AN218 SEE NOTES	SHEET 1 OF 1

DD FORM 672-1 (Coordinated)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 10 Apr 68 (B) 20 Apr 70
REVISED