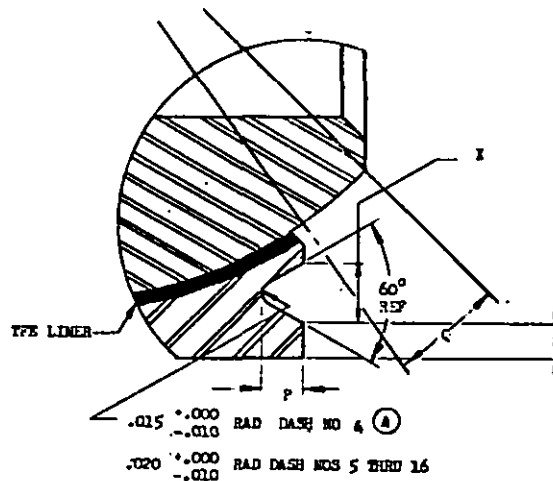
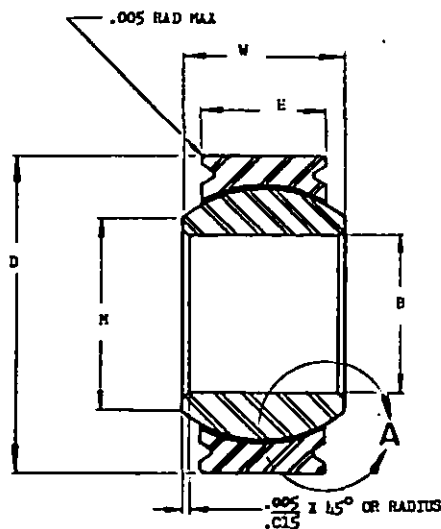


FED. SUP CLASS  
3120

DETAIL A

(A)

DASH NO	B	D	H	M MIN	P	Q	S	W	X	STATIC LIMIT LOAD		OSCILLATING LOAD LB	NO - LOAD BREAKAWAY TORQUE IN LB	WT LB MAX	
	+.0000 -.0005	+.0000 -.0005	±.005		+.000 -.015	MIN	+.000 -.010	+.000 -.002	+.000 -.010	RADIAL LB	AXIAL LB				
4	.2500	.6562	.250	.364	.030	10	.020	.363	.045	6050	430	2320	1-5	.020	
5	.3125	.7500	.281	.419				.375		8750	700	3130		.030	
6	.3750	.8125	.312	.475	.040			9	.406	.055	10550	1100		4200	.040
7	.4375	.9062	.343	.530				.437		13200	1400	5700		.050	
8	.5000	1.0000	.390	.600	.060	8	.030	.500		17900	2100	7900		.070	
9	.5625	1.0937	.437	.670				.562		23200	3680	10300		.090	
10	.6250	1.1875	.500	.737				.625	.080	30500	4720	13400		.120	
12	.7500	1.4375	.593	.920				.750		46400	6750	19700		.210	
14	.8750	1.5625	.703	.980				.875		62200	9350	26100	2-8	.270	
16	1.0000	1.7500	.797	1.118					1.000	82200	12160	34100		.390	

MATERIAL: BALL H10C AMS 5630.

OUTER RING AMS 5643 (17-4PH), AMS 5528 (17-7PH), AISI H10.

LINER - SEE PROCUREMENT SPECIFICATION.

FINISH: SURFACE FINISH BALL DIA RHR 8 MAX; BORE, BALL FACE, AND OUTER RACE DIA RHR 32 MAX; ALL OTHERS RHR 125 MAX.

HARDNESS: BALL 55-62 Rc OUTER RING Rc 23 MIN Rc 35 MAX.

NOTES: . DIMENSIONS IN INCHES. UNLESS OTHERWISE SPECIFIED, TOLERANCES: DECIMALS ±.010 ANGLES ± 1/2°.

. BREAK SHARP EDGES AND CORNERS AND REMOVE ALL BURRS AND SLIVERS UNLESS NOTED.

. DASH NUMBER DESIGNATES NOMINAL ROPE DIAMETER IN SIXTEENTHS OF AN INCH.

. EXAMPLE OF PART NO. MS21232-7 = 7/16 BORE

(A) WHEN TESTED IN DE-ICING FLUID THE OSCILLATING LOAD SHALL BE DECREASED TO 80%.

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 INVITATION'S FOR BID.

P.A. Lavy - W	TITLE	MILITARY STANDARD
Other Cost USAF - 11	BEARING, PLAIN, SELF-ALIGNING, GROOVE OUTER RING, TYPE LINED, NARROW	MS21232(ASG)
PROCUREMENT SPECIFICATION MIL-B-8942	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 16 Mar 64  
REVISED (A) 15 Nov 65

This military standard is approved by the Department of the Air Force and the Bureau of Naval Weapons and is mandatory for use by these activities. All other military activities are required to employ this standard where suitable.

0737

DATE

DRAWN BY