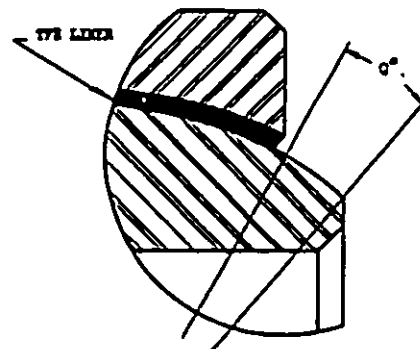
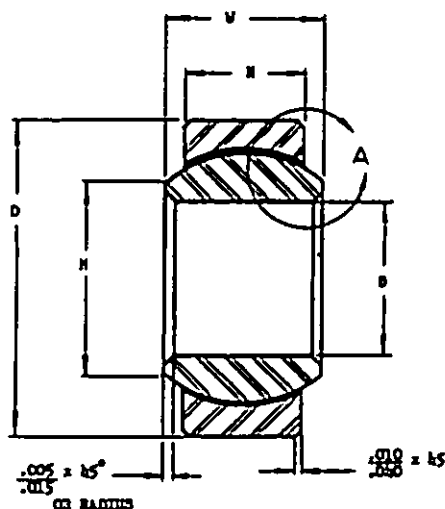


FED. SUP CLASS
3120

DETAIL A

DASH NO.	B +.0000 -.0005	D +.0000 -.0005	H ±.005	H MIN	Q MIN	V +.000 -.002	STATIC LOAD LOAD		OSCILLATING LOAD LB	NO-LOAD BREAKAWAY TORQUE IN LB	WT. LB MAX
							RADIAL IN	AXIAL IN			
3	.1900	.5625	.218	.893	10	.281	1975	150	1500	4-5	.020
4	.2500	.6562	.250	.964	10	.343	2600	170	2320	1-5	.030
5	.3125	.7500	.281	.113	10	.375	3750	700	3430		.030
6	.3750	.8125	.312	.475	9	.406	10540	1100	4200		.040
7	.4375	.9062	.343	.530	8	.437	13200	1400	5700		.050
8	.5000	1.0000	.390	.600	8	.500	17900	2100	7900		.070
9	.5625	1.0937	.437	.670	8	.562	23300	2680	10700		.080
10	.6250	1.1875	.500	.739	8	.625	30500	4720	13400		.120
12	.7500	1.4375	.593	.970	8	.750	46400	6740	19700	2-8	.210
14	.8750	1.5625	.701	.980	8	.875	62800	9350	26100		.270
16	1.0000	1.7500	.797	1.318	9	1.000	82200	12160	34100		.390

MATERIAL: BALL 440C AND 5630

OUTER RING AND 5643(17-4PH), AND 5528 (17-7PH), AISI 410.

LINER - SEE PROCUREMENT SPECIFICATION.

FINISH:

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

HARDNESS: BALL 55-62R; OUTER RING 23 R; RING 35 MAX

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

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

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

EXAMPLE OF PART NO. MS21233-7 - 7/16 BORE

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 FOR BID.

P.A. Navy - AS Other Cost: USAF - 11	TITLE BEARING, PLAIN, BALL-ALIGNING, TFS LINED, NARROW	MILITARY STANDARD MS21233(ASG)
PROCUREMENT SPECIFICATION MS21233-7	SUPERSEDES:	SHEET 1 OF 1

DD FORM 672-1 (limited coordination)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U.S. GOVERNMENT PRINTING OFFICE: 1974-000-000

Review activities:
Navy - AS
USAF - 11, AS

This military standard is approved by the Department of the Air Force and the Navy Air Systems Command and is mandatory for use by these activities. All other military activities are required to comply with this standard where suitable.

APPROVED 16 Mar 64
REVISED 15 Nov 65
3 Aug 67