



ANC-T & ANC-TG SPHERICAL BEARINGS

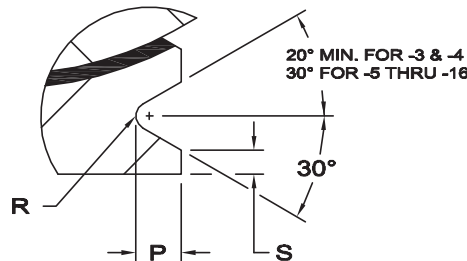
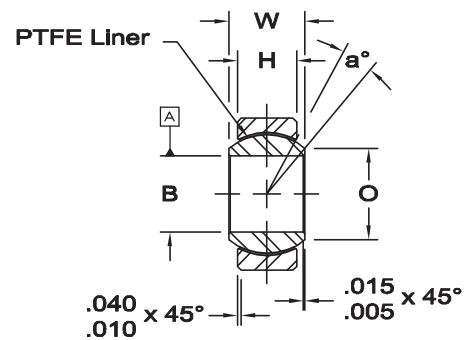
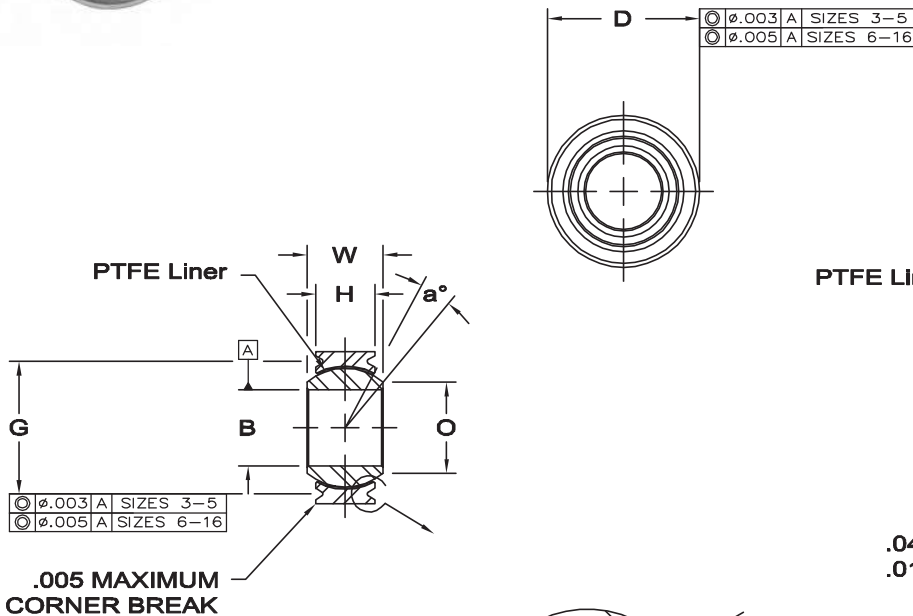
Narrow – Aerospace Series SAE-AS14101 and SAE-AS14104



**GROOVED
SERIES**



**PLAIN
SERIES**



Ball - 440C stainless steel (AMS 5630), heat treated.

Race - 17-4 PH stainless steel (AMS 5643), heat treated.

Liner - AT 3200 bearing liner, permanently bonded to race I.D., qualified to SAE-AS81820.

Temperature Range: -65°F to + 325°F

*No load rotational breakaway torque can be varied to meet specific application requirements.

AT 3200 Bearing Liner System is qualified for procurement under SAE-AS81820.

Bearings listed are manufactured to conform to the dimensions, materials and configurations of Military Specifications SAE-AS14101 (grooved) and SAE-AS14104 (plain), and are approved for procurement under this specification. Consult factory for additional information.

BEARING NO.		DIMENSIONS IN INCHES										a°	Static Limit Load		Oscillat-ing Load Lbs.	No Load Rotational Breakaway Torque* In-Lbs.	Approx. Brg. Wt. Lb
Grooved	Plain	B +.0000 -.0005	D +.0000 -.0005	W +.000 -.002	H ±.005	O Min.	P +.000 -.010	S Min.	G +.000 -.008	R +.002 -.005	Ball Dia. Ref.		Radial Lbs.	Axial Lbs.			
ANC-3TG	ANC-3T	.1900	.5625	.281	.218	.293	.025	.010	.500	.010	.406	10	3,975	150	1,500	0.25 - 5.0	.020
ANC-4TG	ANC-4T	.2500	.6562	.343	.250	.364	.025	.010	.594	.010	.500	10	6,040	430	3,320	0.25 - 5.0	.020
ANC-5TG	ANC-5T	.3125	.7500	.375	.281	.419	.035	.020	.650	.010	.562	10	8,750	700	5,460	0.25 - 8.0	.030
ANC-6TG	ANC-6T	.3750	.8125	.406	.312	.475	.035	.020	.712	.015	.625	9	10,540	1,100	6,600	0.25 - 8.0	.040
ANC-7TG	ANC-7T	.4375	.9062	.437	.343	.530	.035	.020	.806	.015	.687	8	13,200	1,400	8,050	0.25 - 8.0	.050
ANC-8TG	ANC-8T	.5000	1.0000	.500	.390	.600	.055	.020	.876	.015	.781	8	17,900	2,100	10,400	0.25 - 8.0	.070
ANC-9TG	ANC-9T	.5625	1.0937	.562	.437	.670	.055	.020	.970	.015	.875	8	23,200	3,680	13,000	0.25 - 8.0	.090
ANC-10TG	ANC-10T	.6250	1.1875	.625	.500	.739	.055	.020	1.063	.015	.968	8	30,500	4,720	16,450	0.25 - 8.0	.120
ANC-12TG	ANC-12T	.7500	1.4375	.750	.593	.920	.055	.020	1.313	.015	1.187	8	46,400	6,750	23,600	0.25 - 8.0	.210
ANC-14TG	ANC-14T	.8750	1.5625	.875	.703	.980	.055	.020	1.438	.015	1.312	8	62,200	9,350	30,250	0.25 - 12.0	.270
ANC-16TG	ANC-16T	1.0000	1.7500	1.000	.797	1.118	.055	.020	1.626	.015	1.500	9	82,200	12,160	38,000	0.25 - 12.0	.390