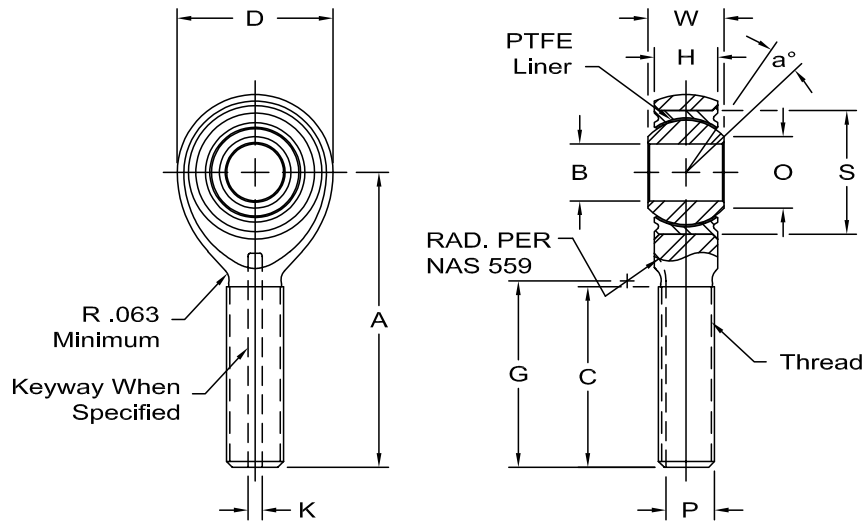




ASM-ET & ASB-ET MALE ROD ENDS

SAE Series AS81935/6 (Right Hand) & AS81935/6 (Left Hand)



Body - PH 13-8 Mo Stainless Steel (AMS 5629), heat treated.

Race - 17-4 PH Stainless Steel (AMS 5643), heat treated.

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

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

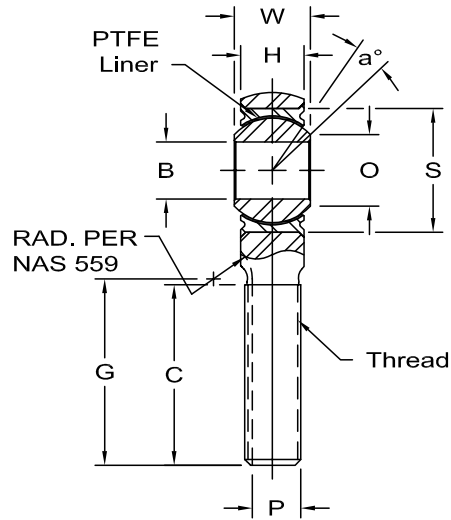
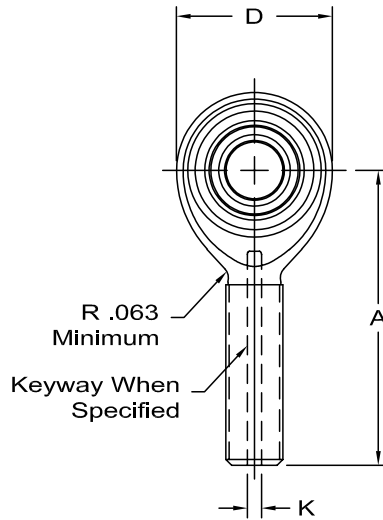
SAE NO.		AURORA NO.		DIMENSIONS IN INCHES										
Right Hand	Left Hand	Right Hand	Left Hand	B +.0000 -.0005	W +.000 -.002	H ± .005	A ± .010	D ± .010	O Min.	S Max. Housing I.D.	Ball Dia. Ref.	G +.000 -.020	K +.005 -.000	P +.000 -.005
M81935/6-03	M81935/6-03L	ASM-3ET	ASB-3ET	.1900	.437	.337	1.562	.806	.30	.6250	.531	.980	.062	.268
M81935/6-04	M81935/6-04L	ASM-4ET	ASB-4ET	.2500	.437	.337	1.562	.806	.30	.6250	.531	.980	.062	.268
M81935/6-05	M81935/6-05L	ASM-5ET	ASB-5ET	.3125	.437	.327	1.875	.900	.36	.6875	.593	1.270	.062	.268
M81935/6-06	M81935/6-06L	ASM-6ET	ASB-6ET	.3750	.500	.416	1.938	1.025	.47	.8125	.687	1.235	.093	.319
M81935/6-07	M81935/6-07L	ASM-7ET	ASB-7ET	.4375	.562	.452	2.125	1.150	.54	.9062	.781	1.402	.093	.383
M81935/6-08	M81935/6-08L	ASM-8ET	ASB-8ET	.5000	.625	.515	2.438	1.337	.61	1.0000	.875	1.589	.093	.445
M81935/6-10	M81935/6-10L	ASM-10ET	ASB-10ET	.6250	.750	.577	2.625	1.525	.75	1.1875	1.062	1.683	.125	.541
M81935/6-12	M81935/6-12L	ASM-12ET	ASB-12ET	.7500	.875	.640	2.875	1.775	.85	1.3750	1.250	1.808	.125	.663
M81935/6-14	M81935/6-14L	ASM-14ET	ASB-14ET	.8750	.875	.765	3.375	2.025	1.00	1.6250	1.375	2.121	.156	.777
M81935/6-16	M81935/6-16L	ASM-16ET	ASB-16ET	1.0000	1.375	1.015	4.125	2.775	1.27	2.1250	1.875	2.464	.187	1.136

NOTES:

1. Temperature Range: -65°F To +325°F (-54°C to +163°C)
2. Keyway, when specified, is compatible with locking devices: AS81935/3 for sizes - 03 thru -08, and NAS 513 for sizes -10 thru -16
3. AT 3200 Bearing Liner System is qualified for procurement under SAE-AS81820 Type A
4. Rod End Bearings listed are manufactured to conform to the dimensions, materials, and configurations of SAE-AS81935/6 and are approved for procurement under this specification
5. Non-standard material, dimensional, or configurations (not per the SAE Aerospace Standard Specification) can be provided. Consult factory for additional information
6. The Rod End Bearings listed are available in non PTFE lined, metal on metal configuration (not per the SAE Aerospace Standard Specification), as well as with alternate Aurora Bearing PTFE liner systems. Consult factory for additional information

ASM-ET & ASB-ET MALE ROD ENDS

SAE Series AS81935/6 (Right Hand) & AS81935/6 (Left Hand)



Body - PH 13-8 Mo Stainless Steel (AMS 5629), heat treated.

Race - 17-4 PH Stainless Steel (AMS 5643), heat treated.

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

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

C ± .031	Thread UNJF-3A	a° Misalign. Angle Min.	Approx. Brg. Wt. Lbs.	Ult. Static Radial Load Lbs.	Fatigue Load Lbs.	Axial Proof Load Lbs.	No Load Rotational Breakaway Torque In-Lbs.		SAE NO.		AURORA NO.	
							Min.	Max.	Right Hand	Left Hand	Right Hand	Left Hand
.968	5/16-24	15	.072	2,360	1,470*	1,000	.5	6	M81935/6-03	M81935/6-03L	ASM-3ET	ASB-3ET
.968	5/16-24	15	.072	4,860	2,380	1,000	.5	6	M81935/6-04	M81935/6-04L	ASM-4ET	ASB-4ET
1.187	5/16-24	14	.087	7,180	2,770**	1,100	1	15	M81935/6-05	M81935/6-05L	ASM-5ET	ASB-5ET
1.187	3/8-24	8	.136	8,550	3,570	1,660	1	15	M81935/6-06	M81935/6-06L	ASM-6ET	ASB-6ET
1.281	7/16-20	10	.183	12,000	4,800	1,850	1	15	M81935/6-07	M81935/6-07L	ASM-7ET	ASB-7ET
1.468	1/2-20	9	.278	19,500	7,680**	2,040	1	15	M81935/6-08	M81935/6-08L	ASM-8ET	ASB-8ET
1.562	5/8-18	12	.424	21,900	9,180	2,430	1	15	M81935/6-10	M81935/6-10L	ASM-10ET	ASB-10ET
1.687	3/4-16	13	.639	29,300	11,600	2,810	1	15	M81935/6-12	M81935/6-12L	ASM-12ET	ASB-12ET
2.000	7/8-14	6	.963	34,500	13,100	3,320	1	24	M81935/6-14	M81935/6-14L	ASM-14ET	ASB-14ET
2.343	1 1/4-12	12	2.546	80,300	30,400	4,340	1	24	M81935/6-16	M81935/6-16L	ASM-16ET	ASB-16ET

* Based on bolt bending fatigue strength 180,000 PSI

** Shank limitation

