

## Auburn Bearing & Manufacturing AE

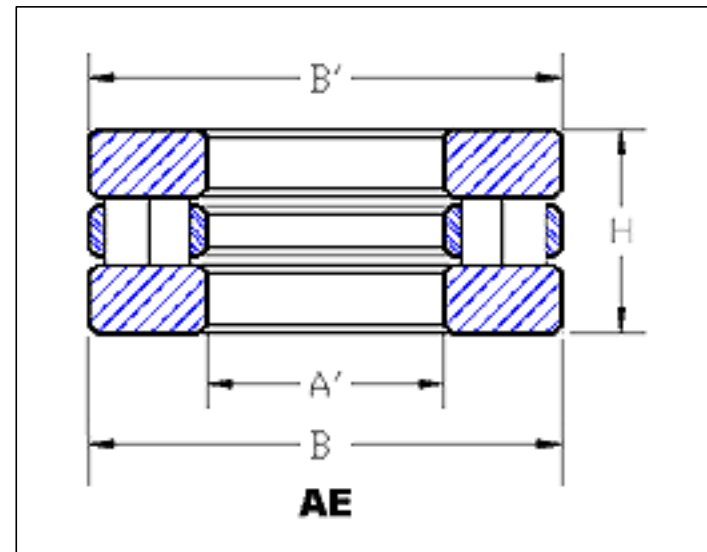
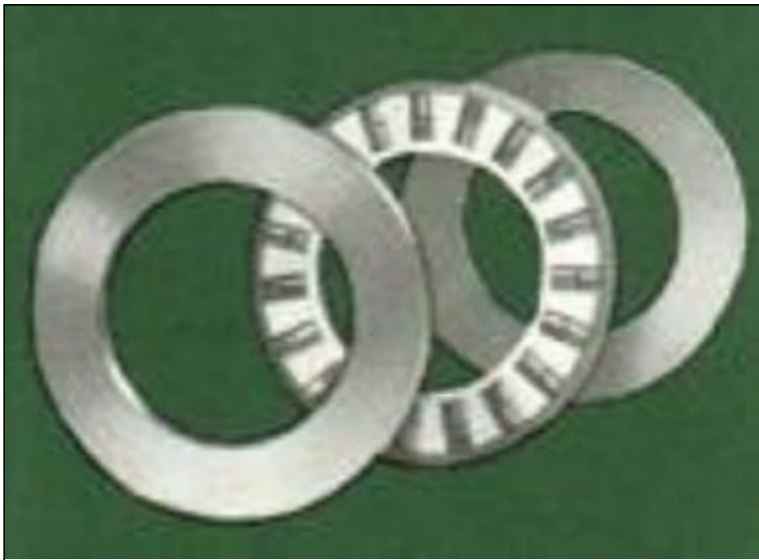
### ROLLER THRUST BEARING OPEN STYLE MAXIMUM CAPACITY FLAT WASHERS

Auburn Roller Thrust Bearings are especially suited for applications where space is limited and bearings of heavy load carrying capacity are required.

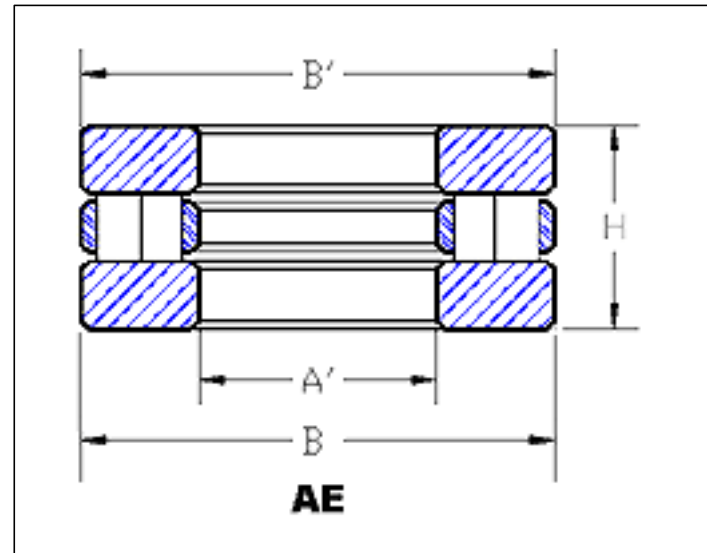
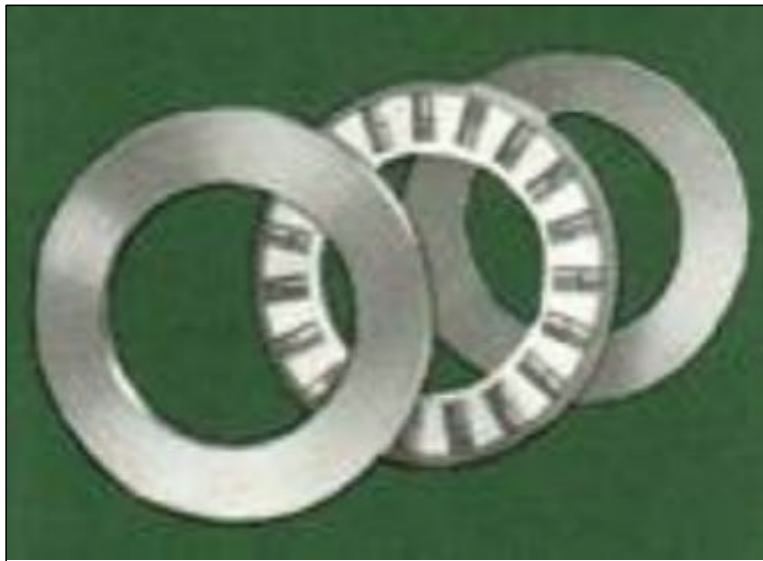
Each bearing consist of two hardened and ground steel washers and a self contained roller assembly of the bronze retainer type.

### MOUNTING INSTRUCTIONS:

Auburn AE Roller Thrust Bearing washers have identical bores and outside diameters. The bores are ground to be a slip fit on the shaft and the outside diameters are ground to be a slip fit on the housing. The bore of the roller assembly is machined to be a slip fit on the shaft.



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DIMENSIONS IN INCHES

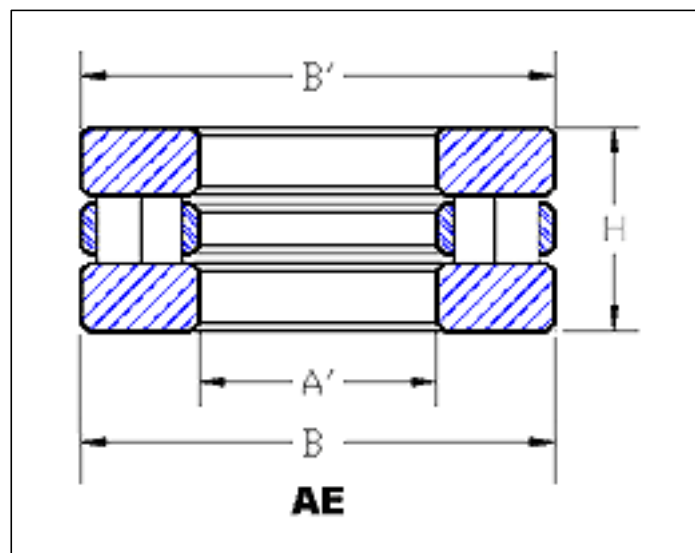
\*A tolerance +.003 +.005  
+ B tolerance -.003

\*\*A' tolerance +.003 +.005  
++ B' tolerance -.003

\*Height tolerance + or - .005

THRUST LOAD CAPACITY IN LBS. AT VARIOUS SPEEDS

Bearing Number	*A Bore	**A' Bore	+ B Outside Diameter	++ B' Outside Diameter	*H Height	Diameter of Rollers	Bearing Weight in Lbs.	10 RPM	25 RPM	100 RPM	500 RPM	1500 RPM	Bearing Number
AE 18	7/8	7/8	1 27/32	1 27/32	5/8	1/4	.25	6674	4882	3090	1823	1436	AE 18
AE 19	15/16	15/16	1 27/32	1 27/32	5/8	1/4	.25	5940	4345	2750	1622	1279	AE 19
AE 20	1	1	1 31/32	1 31/32	5/8	1/4	.37	7344	5372	3400	2006	1581	AE 20
AE 21	1 1/16	1 1/16	1 31/32	1 31/32	5/8	1/4	.37	6534	4779	3025	1785	1407	AE 21
AE 22	1 1/8	1 1/8	2 3/32	2 3/32	5/8	1/4	.37	8992	5846	3700	2183	1720	AE 22
AE 23	1 3/16	1 3/16	2 3/32	2 3/32	5/8	1/4	.37	8992	5846	3700	2183	1720	AE 23
AE 24	1 1/4	1 1/4	2 11/32	2 11/32	5/8	1/4	.50	10584	7742	4900	2891	2279	AE 24
AE 25	1 5/16	1 5/16	2 11/32	2 11/32	5/8	1/4	.50	9638	7050	4462	2633	2075	AE 25
AE 26	1 3/8	1 3/8	2 15/32	2 15/32	5/8	1/4	.50	11409	8346	5282	3116	2456	AE 26
AE 27	1 7/16	1 7/16	2 15/32	2 15/32	5/8	1/4	.56	10368	7584	4800	2832	2232	AE 27
AE 28	1 1/2	1 1/2	2 19/32	2 19/32	5/8	1/4	.56	10584	7742	4900	2891	2278	AE 28



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DIMENSIONS IN INCHES

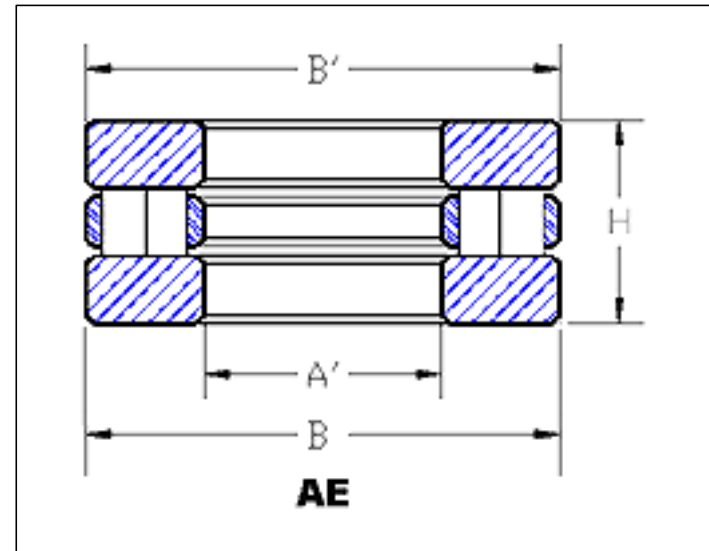
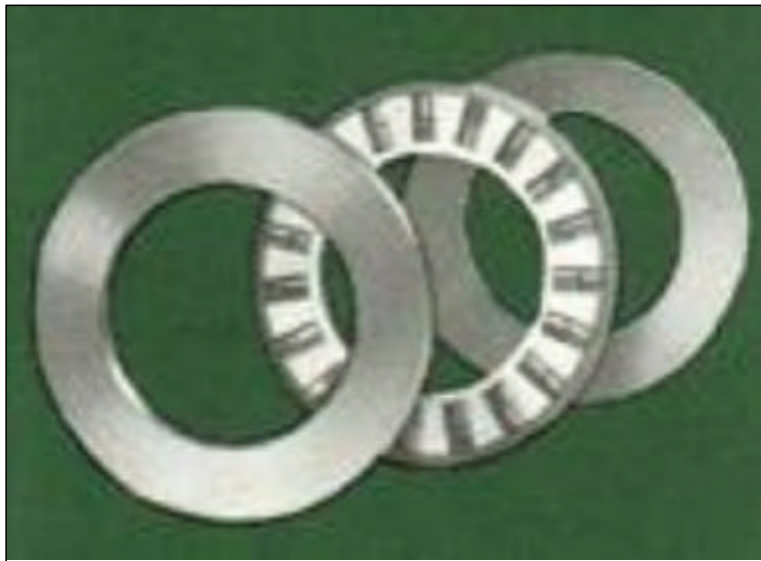
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AE 29	1 9/16	1 9/16	2 19/32	2 19/32	5/8	1/4	.56	11858	8674	5490	3239	2553	AE 29
AE 30	1 5/8	1 5/8	2 31/32	2 31/32	13/16	5/16	1.00	15960	11675	7389	4360	3436	AE 30
AE 31	1 11/16	1 11/16	2 31/32	2 31/32	13/16	5/16	1.00	14742	10784	6825	4026	3175	AE 31
AE 32	1 3/4	1 3/4	3 3/32	3 3/32	13/16	5/16	1.00	17100	14309	7917	4671	3682	AE 32
AE 33	1 13/16	1 13/16	3 3/32	3 3/32	13/16	5/16	1.00	15793	11552	7312	4314	3400	AE 33
AE 34	1 7/8	1 7/8	3 7/32	3 7/32	13/16	5/16	1.00	18241	13343	8445	4982	3926	AE 34
AE 35	1 15/16	1 15/16	3 7/32	3 7/32	13/16	5/16	1.00	16848	14424	7800	4602	3627	AE 35
AE 36	2	2	3 11/32	3 11/32	13/16	5/16	1.12	18241	13343	8445	4982	3926	AE 36
AE 37	2 1/8	2 1/8	3 19/32	3 19/32	13/16	5/16	1.25	23654	17302	10951	6461	5092	AE 37
AE 37S	2 3/16	2 3/16	3 19/32	3 19/32	13/16	5/16	1.25	19634	14362	9090	5363	4226	AE 37S
AE 38	2 1/4	2 1/4	3 23/32	3 23/32	13/16	5/16	1.50	24967	18263	11559	6817	5384	AE 38



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AE 39	2 3/8	2 3/8	3 27/32	3 27/32	13/16	5/16	1.50	26282	19225	12168	7179	5658	AE 39
AE 39S	2 7/16	2 7/16	3 27/32	3 27/32	13/16	5/16	1.50	20861	15259	9658	5698	4490	AE 39S
AE 40	2 1/2	2 1/2	3 31/32	3 31/32	13/16	5/16	1.50	33343	24390	15437	9107	7178	AE 40
AE 41	2 5/8	2 5/8	4 11/32	4 11/32	1	3/8	2.37	38473	28142	17812	10509	8282	AE 41
AE 42	2 3/4	2 3/4	4 15/32	4 15/32	1	3/8	2.50	36450	26662	16875	9956	7846	AE 42
AE 43	3	3	4 23/32	4 23/32	1	3/8	2.75	42523	31105	19687	11615	9154	AE 43
AE 44	3 1/4	3 1/4	4 31/32	4 31/32	1	3/8	3.00	44550	32587	20625	12168	9590	AE 44
AE 44S	3 7/16	3 7/16	5 7/32	5 7/32	1	3/8	3.00	39463	28866	18270	10779	8495	AE 44S
AE 45	3 1/2	3 1/2	5 7/32	5 7/32	1	3/8	3.00	46573	34067	21562	12722	10026	AE 45
AE 45S	3 9/16	3 9/16	5 7/32	5 7/32	1	3/8	2.87	37152	27176	17200	10148	7998	AE 45S