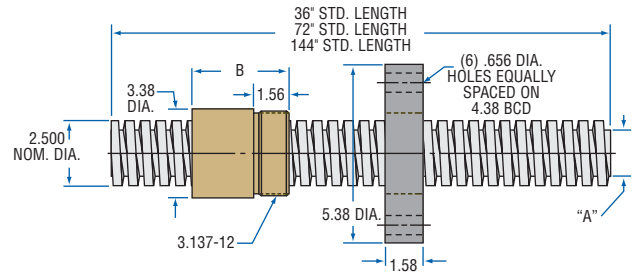


# 2-1/2" ACME THREAD

**LEAD ACCURACY:** ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	31,250	100,000
PLASTIC NUT	15,625	15,625



INCH ACME SCREW AND NUT TECHNICAL DATA

PRODUCT SPECIFICATIONS		SCREW SIZE		
		2 1/2"-2	2 1/2"-3	2 1/2"-4
Lead		.500	.333	.250
Pitch		.500	.333	.250
Starts		1	1	1
Threads Per Inch		2	3	4
Lash (Maximum Axial)		.012	.013	.012
"A" – Root Diameter (min.)		1.908	2.106	2.193
"B" – Nut Body Length		3.38	4.25	3.38
Weight (lbs./ft.)		13.41	14.38	14.89
Thread Code		252	253	254
Form		40°	2C	2C
36" Standard Length Part No. *	RH	4140	11252	11253
	Stainless	—	—	—
72" Standard Length Part No. *	RH	4140	12252	12253
	Stainless	—	—	—
144" Standard Length Part No. *	RH	4140	13252	13253
	Stainless	—	—	—
36" Standard Length Part No. *	LH	4140	51252	51253
	Stainless	—	—	—
72" Standard Length Part No. *	LH	4140	52252	52253
	Stainless	—	—	—
144" Standard Length Part No. *	LH	4140	53252	53253
	Stainless	—	—	—

\* Custom Lengths Available - See page 15 to specify length

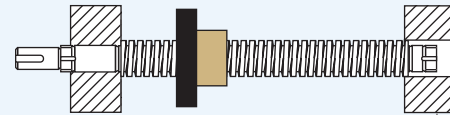
BRONZ/AC BRONZE NUT		2 1/2"-2	2 1/2"-3	2 1/2"-4
Efficiency		34%	25%	20%
Torque to Raise 1 lb. (in.-lb.)		.234	.212	.199
Weight (lbs.)		5.00	5.91	4.55
Part No.	RH	20252	20253	20254
	LH	80252	80253	80254

PLAST/AC PLASTIC NUT		2 1/2"-2	2 1/2"-3	2 1/2"-4
Efficiency		40%	30%	24%
Torque to Raise 1 lb. (in.-lb.)		.201	.174	.163
Weight (lbs.)		.73	.86	.66
Part No.	RH	30252	30253	30254
	LH	40252	40253	40254

FLANGE - STEEL		2 1/2"-2	2 1/2"-3	2 1/2"-4
Weight (lbs.)		9.88	9.88	9.88
Standard Part No.		70540	70540	70540
No-Lash™ Part No.		73540	73540	73540

## ACME SCREW ASSEMBLIES

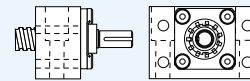
These assemblies are shipped with screw, nut, flange, and bearing supports.



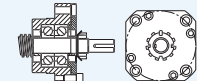
See page 41 for complete product details.

## EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



Single or Double Bearing Universal Mount

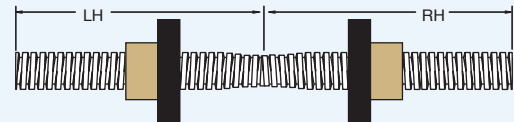


Single or Double Bearing Flange Mount

EZZE-MOUNT™ available for: 2-1/2"-2  
See page 214 for complete product details.

## TWIN-LEAD SCREW

Single piece twin-lead screws offer opposing motion through a single drive system.



Twin-Lead Screw available for: All 2-1/2" Screws  
See page 44 for complete product details.

## LUBRICANT

Prolong acme screw and nut performance with these special lubricants.



E-100 12 Oz. Acme Screw Spray Lubricant



PAG-1 1 lb. Acme Screw Grease

See page 14 for complete product details.