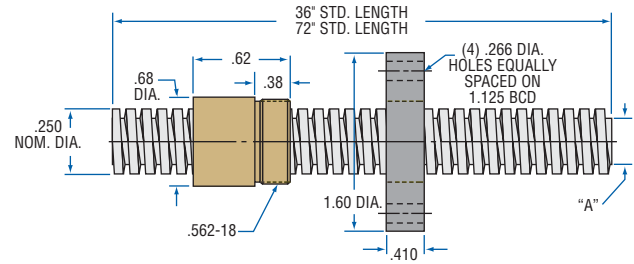


1/4" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	312	1,000
PLASTIC NUT	156	156



INCH ACME SCREW AND NUT TECHNICAL DATA

PRODUCT SPECIFICATIONS		SCREW SIZE				
		1/4"-3	1/4"-4	1/4"-16	1/4"-20	
Lead		.333	.250	.062	.050	
Pitch		.083	.062	.062	.050	
Starts		4	4	1	1	
Threads Per Inch		12	16	16	20	
Lash (Maximum Axial)		.005	.007	.005	.006	
"A" – Root Diameter (min.)		.192	.162	.162	.175	
Weight (lbs./ft.)		.13	.13	.13	.13	
Thread Code		025	024	026	020	
Form		Stub	2C	2C	2C	
36" Standard Length Part No. *	RH	4140	11025	—	11026	—
		Stainless	91025	91024	91026	91020
	LH	4140	—	—	51026	—
		Stainless	—	—	—	—
72" Standard Length Part No. *	RH	4140	12025	—	12026	—
		Stainless	92025	92024	92026	92020
	LH	4140	—	—	52026	—
		Stainless	—	—	—	—

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		1/4"-3	1/4"-4	1/4"-16	1/4"-20
Efficiency		73%	71%	39%	36%
Torque to Raise 1 lb. (in.-lb.)		.073	.056	.026	.022
Weight (lbs.)		.13	.13	.13	.13
Part No.	RH	20025	20024	20026	20020
	LH	—	—	80026	—

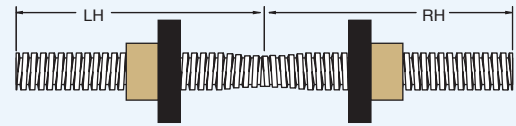
PLAST/AC PLASTIC NUT		1/4"-3	1/4"-4	1/4"-16	1/4"-20
Efficiency		79%	75%	46%	40%
Torque to Raise 1 lb. (in.-lb.)		.067	.053	.021	.020
Weight (lbs.)		.06	.06	.06	.06
Part No.	RH	30025	30024	30026	30020
	LH	—	—	40026	—

FLANGE - STEEL		1/4"-3	1/4"-4	1/4"-16	1/4"-20
Weight (lbs.)		.23	.23	.23	.23
Part No.		70160	70160	70160	70160

* Lead accuracy for 3/8" - 1" is equal to 0.0006 in/in

TWIN-LEAD SCREW

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



Twin-Lead Screw available for: 1/4"-16
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

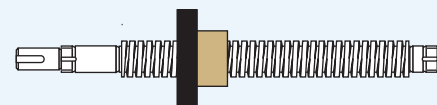


PAG-1 1 lb. Acme Screw Grease

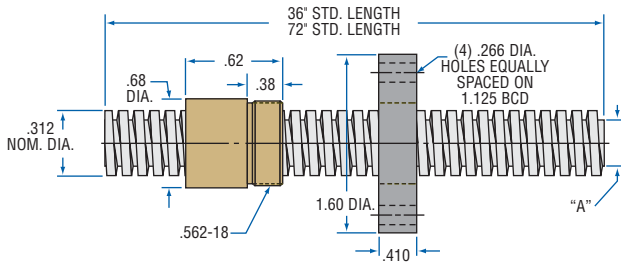
See page 14 for complete product details.

END MACHINING

Machining for Nook standard ends or custom requirement available.



See page 212 for complete product details.



5/16" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	510	1,625
PLASTIC NUT	205	205

PRODUCT SPECIFICATIONS		SCREW SIZE	
		5/16"-2	5/16"-4
Lead		.500	.250
Pitch		.125	.125
Starts		4	2
Threads Per Inch		8	8
Lash (Maximum Axial)		.008	.008
"A" – Root Diameter (min.)		.216	.216
Weight (lbs./ft.)		.18	.18
Thread Code		022	028
Form		Stub	Stub
36" Standard Length Part No. *	RH	4140	—
		Stainless	91022
	LH	4140	—
		Stainless	—
72" Standard Length Part No. *	RH	4140	—
		Stainless	92022
	LH	4140	—
		Stainless	—

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT	5/16"-2	5/16"-4
Efficiency	—	67%
Torque to Raise 1 lb. (in.-lb.)	—	.059
Weight (lbs.)	—	.05
Part No.	RH	20028
	LH	—

PLAST/AC PLASTIC NUT	5/16"-2	5/16"-4
Efficiency	81%	73%
Torque to Raise 1 lb. (in.-lb.)	.099	.054
Weight (lbs.)	.01	.01
Part No.	RH	30022
	LH	—

FLANGE - STEEL	5/16"-2	5/16"-4
Weight (lbs.)	.23	.23
Part No.	70160	70160

LUBRICANT

Prolong acme screw and nut performance with these special lubricants.



E-100 12 Oz. Acme Screw Spray Lubricant

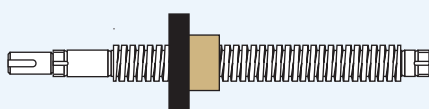


PAG-1 1 lb. Acme Screw Grease

See page 14 for complete product details.

END MACHINING

Machining for Nook standard ends or custom requirement available.

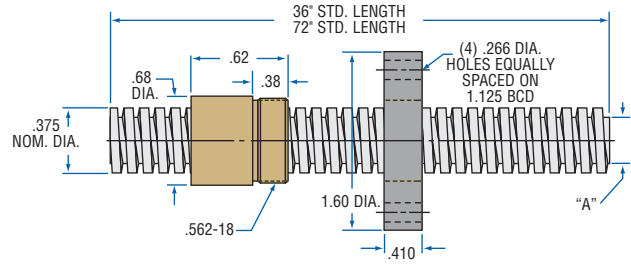


See page 212 for complete product details.

INCH ACME SCREW AND NUT TECHNICAL DATA

3/8" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.*



INCH ACME SCREW AND NUT TECHNICAL DATA

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	703	2,250
PLASTIC NUT	351	351

PRODUCT SPECIFICATIONS		SCREW SIZE				
		3/8"-1	3/8"-2	3/8"-4	3/8"-5	
Lead		1.00	.500	.250	.200	
Pitch		.200	.125	.125	.100	
Starts		5	4	2	2	
Threads Per Inch		5	8	8	10	
Lash (Maximum Axial)		.010	.009	.009	.008	
"A" – Root Diameter (min.)		.238	.278	.278	.282	
Weight (lbs./ft.)		.29	.29	.29	.29	
Thread Code		031	037	034	035	
Form		Fast	Stub	Stub	Stub	
36" Standard Length Part No.*	RH	4140	—	11037	11034	11035
		Stainless	91031	91037	91034	91035
	LH	4140	—	—	—	—
		Stainless	—	—	—	—
72" Standard Length Part No.*	RH	4140	—	12037	12034	12035
		Stainless	92031	92037	92034	92035
	LH	4140	—	—	—	—
		Stainless	—	—	—	—

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		3/8"-1	3/8"-2	3/8"-4	3/8"-5
Efficiency		—	74%	63%	59%
Torque to Raise 1 lb. (in.-lb.)		—	.107	.063	.054
Weight (lbs.)		—	.05	.05	.05
Part No.	RH	—	20037	20034	20035
	LH	—	—	—	—

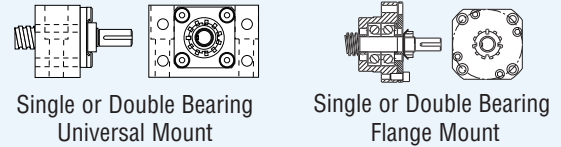
PLAST/AC PLASTIC NUT		3/8"-1	3/8"-2	3/8"-4	3/8"-5
Efficiency		80%	79%	69%	64%
Torque to Raise 1 lb. (in.-lb.)		.199	.101	.057	.050
Weight (lbs.)		.01	.01	.01	.01
Part No.	RH	30031	30037	30034	30035
	LH	—	—	—	—

FLANGE - STEEL		3/8"-1	3/8"-2	3/8"-4	3/8"-5
Weight (lbs.)		.23	.23	.23	.23
Part No.		70160	70160	70160	70160

* Lead accuracy for 3/8" - 1" is equal to 0.0006 in/in

EZZE-MOUNT™ END BEARING SUPPORTS

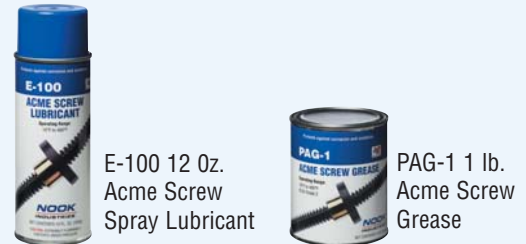
A convenient solution for mounting acme screw assemblies.



EZZE-MOUNT™ available for: 3/8"-2, 3/8"-4, and 3/8"-5
See page 214 for complete product details.

LUBRICANT

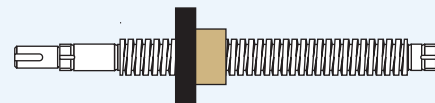
Prolong acme screw and nut performance with these special lubricants.



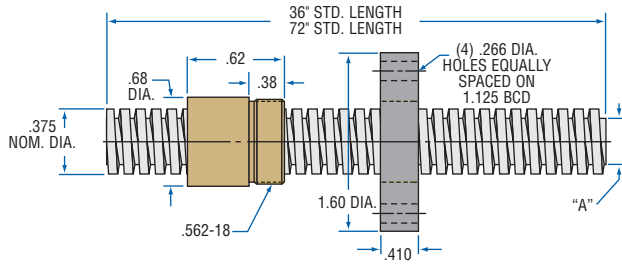
See page 14 for complete product details.

END MACHINING

Machining for Nook standard ends or custom requirement available.



See page 212 for complete product details.



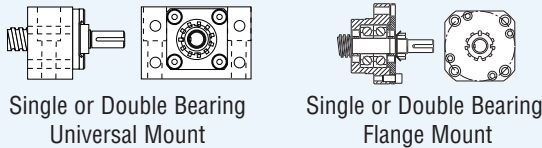
3/8" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	703	2,250
PLASTIC NUT	351	351

EZZE-MOUNT™ END BEARING SUPPORTS

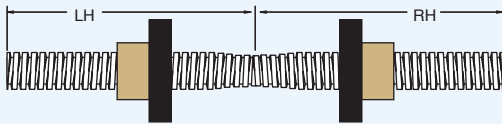
A convenient solution for mounting acme screw assemblies.



EZZE-MOUNT™ available for: These 3/8" screws
See page 214 for complete product details.

TWIN-LEAD SCREW

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



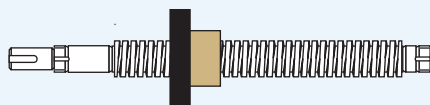
Twin-Lead Screw available for: 3/8"-6 and 3/8"-12
See page 44 for complete product details.

LUBRICANT

Prolong acme screw and nut performance with these special lubricants.
See page 14 for complete product details.

END MACHINING

Machining for Nook standard ends or custom requirement available.



See page 212 for complete product details.

PRODUCT SPECIFICATIONS		SCREW SIZE					
		3/8"-6	3/8"-8	3/8"-10	3/8"-12	3/8"-16	
Lead		.166	.125	.100	.083	.062	
Pitch		.083	.125	.100	.083	.062	
Starts		2	1	1	1	1	
Threads Per Inch		12	8	10	12	16	
Lash (Maximum Axial)		.006	.009	.008	.006	.007	
"A" – Root Diameter (min.)		.263	.278	.282	.263	.286	
Weight (lbs./ft.)		.29	.29	.29	.29	.29	
Thread Code		036	038	030	032	033	
Form		2C	Stub	Stub	2C	Stub	
36" Standard Length Part No. *	RH	4140	11036	11038	11030	11032	11033
	Stainless	91036	91038	91030	91032	91033	
72" Standard Length Part No. *	LH	4140	51036	—	—	51032	—
	Stainless	—	—	—	94032	—	
36" Standard Length Part No. *	RH	4140	12036	12038	12030	12032	12033
	Stainless	92036	92038	92030	92032	92033	
72" Standard Length Part No. *	LH	4140	52036	—	—	52032	—
	Stainless	—	—	—	95032	—	

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		3/8"-6	3/8"-8	3/8"-10	3/8"-12	3/8"-16
Efficiency		54%	48%	42%	37%	32%
Torque to Raise 1 lb. (in.-lb.)		.049	.042	.038	.036	.031
Weight (lbs.)		.05	.05	.05	.05	.05
Part No.	RH	20036	20038	20030	20032	20033
	LH	80036	—	—	80032	—

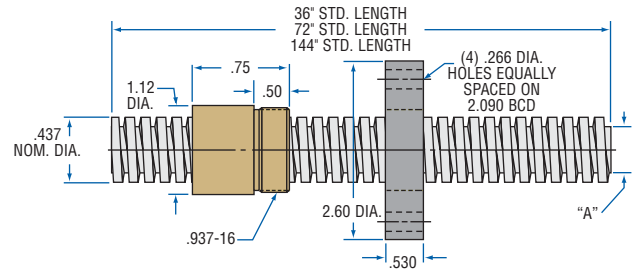
PLAST/AC PLASTIC NUT		3/8"-6	3/8"-8	3/8"-10	3/8"-12	3/8"-16
Efficiency		60%	54%	48%	43%	35%
Torque to Raise 1 lb. (in.-lb.)		.044	.037	.033	.031	.028
Weight (lbs.)		.01	.01	.01	.01	.01
Part No.	RH	30036	30038	30030	30032	30033
	LH	40036	—	—	40032	—

FLANGE - STEEL		3/8"-6	3/8"-8	3/8"-10	3/8"-12	3/8"-16
Weight (lbs.)		.23	.23	.23	.23	.23
Part No.		70160	70160	70160	70160	70160

INCH ACME SCREW AND NUT TECHNICAL DATA

7/16" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.



INCH ACME SCREW AND NUT TECHNICAL DATA

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	975	3,000
PLASTIC NUT	450	450

PRODUCT SPECIFICATIONS		SCREW SIZE		
		7/16"-2	7/16"-4	
Lead		.500	.250	
Pitch		.125	.125	
Starts		4	2	
Threads Per Inch		8	8	
Lash (Maximum Axial)		.009	.009	
"A" – Root Diameter (min.)		.340	.340	
Weight (lbs./ft.)		.40	.40	
Thread Code		042	044	
Form		Stub	Stub	
36" Standard Length Part No. *	RH	4140	11042	11044
		Stainless	91042	91044
	LH	4140	—	—
		Stainless	—	—
72" Standard Length Part No. *	RH	4140	12042	12044
		Stainless	92042	92044
	LH	4140	—	—
		Stainless	—	—
144" Standard Length Part No. *	RH	4140	13042	13044
		Stainless	93042	93044
	LH	4140	—	—
		Stainless	—	—

* Custom Lengths Available - See page 15 to specify length

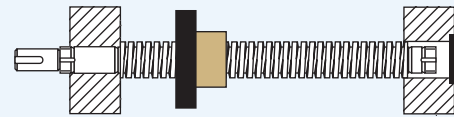
BRONZ/AC BRONZE NUT		7/16"-2	7/16"-4
Efficiency		—	60%
Torque to Raise 1 lb. (in.-lb.)		—	.067
Weight (lbs.)		—	.19
Part No.	RH	—	20044
	LH	—	—

PLAST/AC PLASTIC NUT		7/16"-2	7/16"-4
Efficiency		77%	66%
Torque to Raise 1 lb. (in.-lb.)		.103	.060
Weight (lbs.)		.03	.03
Part No.	RH	30042	30044
	LH	—	—

FLANGE - STEEL		7/16"-2	7/16"-4
Weight (lbs.)		.77	.77
Part No.		70260	70260

ACME SCREW ASSEMBLIES

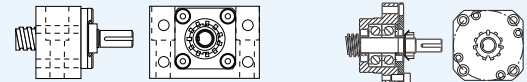
These assemblies are shipped with screw, nut, flange, and bearing supports.



See page 41 for complete product details.

EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



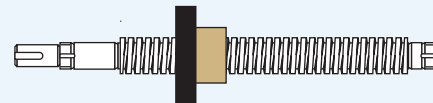
Single or Double Bearing Universal Mount

Single or Double Bearing Flange Mount

EZZE-MOUNT™ available for: All 7/16" Screws
See page 214 for complete product details.

END MACHINING

Machining for Nook standard ends or custom requirement available.



See page 212 for complete product details.

LUBRICANT

Prolong acme screw and nut performance with these special lubricants.

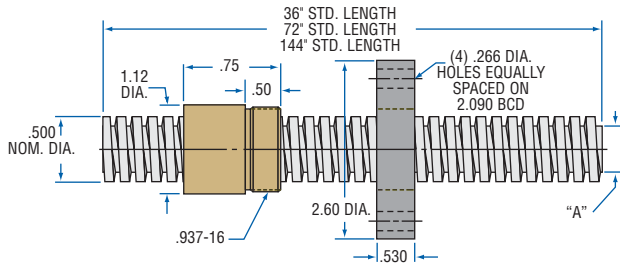


E-100 12 Oz. Acme Screw Spray Lubricant



PAG-1 1 lb. Acme Screw Grease

See page 14 for complete product details.



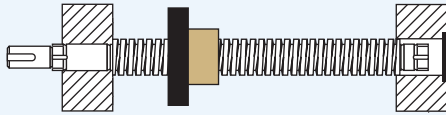
1/2" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	1,250	4,000
PLASTIC NUT	625	625

ACME SCREW ASSEMBLIES

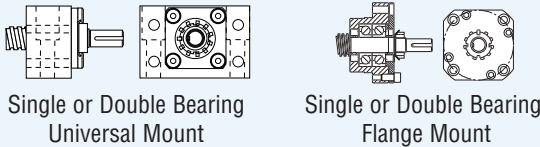
These assemblies are shipped with screw, nut, flange, and bearing supports.



See page 41 for complete product details.

EZZE-MOUNT™ END BEARING SUPPORTS

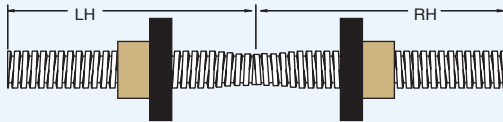
A convenient solution for mounting acme screw assemblies.



EZZE-MOUNT™ available for: All 1/2" Screws
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: 1/2"-10
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.

PRODUCT SPECIFICATIONS		SCREW SIZE					
		1/2"-1	1/2"-2	1/2"-4	1/2"-5	1/2"-10	
Lead		1.00	.500	.250	.200	.100	
Pitch		.125	.100	.125	.100	.100	
Starts		8	5	2	2	1	
Threads Per Inch		8	10	8	10	10	
Lash (Maximum Axial)		.007	.006	.007	.009	.007	
"A" – Root Diameter (min.)		.392	.406	.332	.391	.359	
Weight (lbs./ft.)		.53	.53	.53	.53	.53	
Thread Code		051	052	054	055	050	
Form		Stub	Stub	2C	Stub	2C	
36" Standard Length Part No. *	RH	4140	—	11052	11054	11055	11050
	Stainless	91051	91052	91054	91055	91050	
72" Standard Length Part No. *	RH	4140	—	12052	12054	12055	12050
	Stainless	92051	92052	92054	92055	92050	
144" Standard Length Part No. *	RH	4140	—	13052	13054	13055	13050
	Stainless	93051	93052	93054	93055	93050	
72" Standard Length Part No. *	LH	4140	—	—	—	—	52050
	Stainless	—	—	—	—	—	95050
144" Standard Length Part No. *	LH	4140	—	—	—	—	53050
	Stainless	—	—	—	—	—	96050

* Custom Lengths Available - See Page 15 to specify length

BRONZ/AC BRONZE NUT	1/2"-1	1/2"-2	1/2"-4	1/2"-5	1/2"-10	
Efficiency	—	69%	57%	52%	34%	
Torque to Raise 1 lb. (in.-lb.)	—	.115	.070	.061	.047	
Weight (lbs.)	—	.18	.19	.18	.18	
Part No.	RH	—	20052	20054	20055	20050
	LH	—	—	—	—	80050

PLAST/AC PLASTIC NUT	1/2"-1	1/2"-2	1/2"-4	1/2"-5	1/2"-10	
Efficiency	75%	75%	63%	57%	40%	
Torque to Raise 1 lb. (in.-lb.)	.106	.107	.064	.056	.039	
Weight (lbs.)	.03	.03	.03	.03	.03	
Part No.	RH	30051	30052	30054	30055	30050
	LH	—	—	—	—	40050

FLANGE - STEEL	1/2"-1	1/2"-2	1/2"-4	1/2"-5	1/2"-10
Weight (lbs.)	.77	.77	.77	.77	.77
Part No.	70260	70260	70260	70260	70260

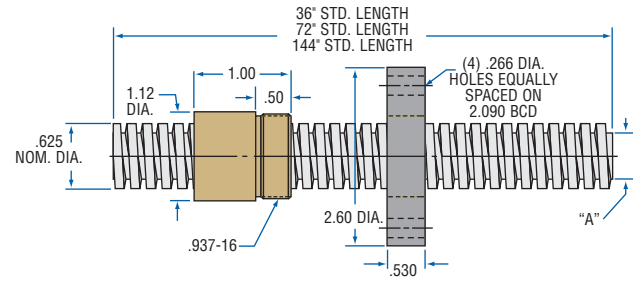
INCH ACME SCREW AND NUT TECHNICAL DATA



5/8" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	1,953	6,250
PLASTIC NUT	976	976



INCH ACME SCREW AND NUT TECHNICAL DATA

PRODUCT SPECIFICATIONS		SCREW SIZE					
		5/8"-2 2/3	5/8"-5	5/8"-5(2)	5/8"-8	5/8"-10	
Lead		.375	.200	.200	.125	.100	
Pitch		.125	.200	.100	.125	.100	
Starts		3	1	2	1	1	
Threads Per Inch		8	5	10	8	10	
Lash (Maximum Axial)		.010	.009	.009	.008	.009	
"A" – Root Diameter (min.)		.457	.377	.484	.457	.516	
Weight (lbs./ft.)		.84	.84	.85	.84	.87	
Thread Code		063	065	652	068	060	
Form		2C	2C	2C	2C	Stub	
36" Standard Length Part No. *	RH	4140	11063	11065	11652	11068	11060
	Stainless	—	—	—	91652	91068	91060
72" Standard Length Part No. *	LH	4140	51063	51065	—	51068	—
	Stainless	—	—	—	—	94068	—
144" Standard Length Part No. *	RH	4140	12063	12065	12652	12068	12060
	Stainless	—	—	—	92652	92068	92060
36" Standard Length Part No. *	LH	4140	52063	52065	—	52068	—
	Stainless	—	—	—	—	95068	—
72" Standard Length Part No. *	RH	4140	13063	13065	13652	13068	13060
	Stainless	—	—	—	93652	93068	93060
144" Standard Length Part No. *	LH	4140	53063	53065	—	53068	—
	Stainless	—	—	—	—	96068	—

* Custom Lengths Available - See Page 15 to specify length

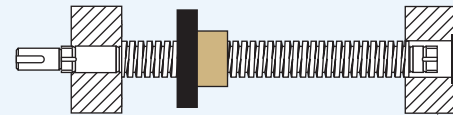
BRONZ/AC BRONZE NUT		5/8"-2 2/3	5/8"-5	5/8"-5(2)	5/8"-8	5/8"-10
Efficiency		60%	44%	46%	34%	30%
Torque to Raise 1 lb. (in.-lb.)		.100	.072	.069	.058	.053
Weight (lbs.)		.22	.23	.22	.22	.21
Part No.	RH	20063	20065	20652	20068	20060
	LH	80063	80065	—	80068	—

PLAST/AC PLASTIC NUT		5/8"-2 2/3	5/8"-5	5/8"-5(2)	5/8"-8	5/8"-10
Efficiency		66%	53%	51%	40%	35%
Torque to Raise 1 lb. (in.-lb.)		.091	.060	.062	.049	.046
Weight (lbs.)		.03	.03	.03	.03	.03
Part No.	RH	30063	30065	30652	30068	30060
	LH	40063	40065	—	40068	—

FLANGE - STEEL		5/8"-2 2/3	5/8"-5	5/8"-5(2)	5/8"-8	5/8"-10
Weight (lbs.)		.77	.77	.77	.77	.77
Part No.		70260	70260	70260	70260	70260

ACME SCREW ASSEMBLIES

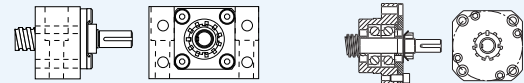
These assemblies are shipped with screw, nut, flange, and bearing supports.



See page 41 for complete product details.

EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



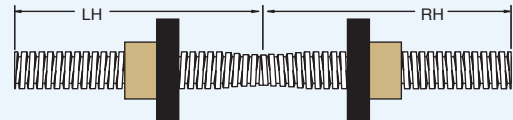
Single or Double Bearing Universal Mount

Single or Double Bearing Flange Mount

EZZE-MOUNT™ available for: All 5/8" Screws
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:
5/8"-2 2/3, 5/8"-5 and 5/8"-8

See page 44 for complete product details.

LUBRICANT

Prolong acme screw and nut performance with these special lubricants.

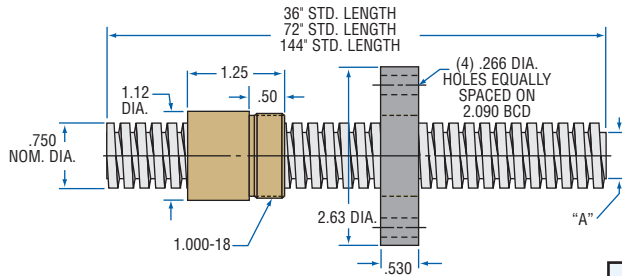


E-100 12 Oz. Acme Screw Spray Lubricant



PAG-1 1 lb. Acme Screw Grease

See page 14 for complete product details.



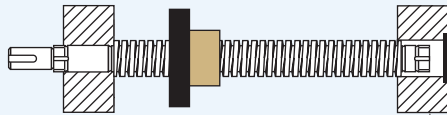
3/4" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	2,812	9,000
PLASTIC NUT	1,406	1,406

ACME SCREW ASSEMBLIES

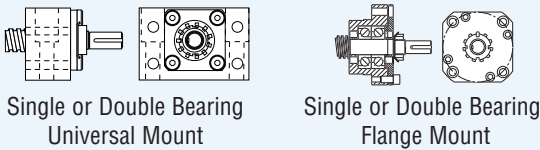
These assemblies are shipped with screw, nut, flange, and bearing supports.



See page 41 for complete product details.

EZZE-MOUNT™ END BEARING SUPPORTS

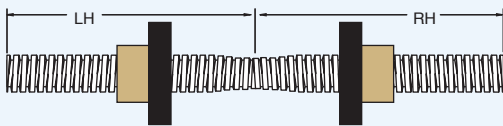
A convenient solution for mounting acme screw assemblies.



EZZE-MOUNT™ available for: All 3/4" Screws
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: 3/4"-3, 3/4"-5, 3/4"-6, and 3/4"-10 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.

PRODUCT SPECIFICATIONS		SCREW SIZE					
		3/4"-2	3/4"-3	3/4"-5	3/4"-6	3/4"-10	
Lead		.500	.333	.200	.166	.100	
Pitch		.125	.167	.200	.166	.100	
Starts		4	2	1	1	1	
Threads Per Inch		8	6	5	6	10	
Lash (Maximum Axial)		.010	.009	.009	.008	.007	
"A" – Root Diameter (min.)		.581	.537	.502	.537	.608	
Weight (lbs./ft.)		1.18	1.17	1.23	1.17	1.29	
Thread Code		072	073	075	076	070	
Form		2C	2C	2C	2C	2C	
36" Standard Length Part No. *	RH	4140	11072**	11073	11075	11076	11070
	Stainless	—	—	91075	91076	91070	
72" Standard Length Part No. *	RH	4140	12072**	12073	12075	12076	12070
	Stainless	—	—	92075	92076	92070	
144" Standard Length Part No. *	RH	4140	13072**	13073	13075	13076	13070
	Stainless	—	—	93075	93076	93070	
72" Standard Length Part No. *	LH	4140	—	51073	51075	51076	51070
	Stainless	—	—	94075	94076	94070	
144" Standard Length Part No. *	LH	4140	—	52073	52075	52076	52070
	Stainless	—	—	95075	95076	95070	
36" Standard Length Part No. *	LH	4140	—	53073	53075	53076	53070
	Stainless	—	—	96075	96076	96070	

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		3/4"-2	3/4"-3	3/4"-5	3/4"-6	3/4"-10
Efficiency		62%	54%	40%	36%	25%
Torque to Raise 1 lb. (in.-lb.)		.129	.099	.080	.073	.064
Weight (lbs.)		.23	.23	.24	.23	.22
Part No.	RH	20072	20073	20075	20076	20070
	LH	—	80073	80075	80076	80070

PLAST/AC PLASTIC NUT		3/4"-2	3/4"-3	3/4"-5	3/4"-6	3/4"-10
Efficiency		68%	60%	48%	43%	30%
Torque to Raise 1 lb. (in.-lb.)		.118	.089	.066	.061	.052
Weight (lbs.)		.03	.03	.03	.03	.03
Part No.	RH	30072	30073	30075	30076	30070
	LH	—	40073	40075	40076	40070

FLANGE - STEEL		3/4"-2	3/4"-3	3/4"-5	3/4"-6	3/4"-10
Weight (lbs.)		.78	.78	.78	.78	.78
Standard Part No.		70262	70262	70262	70262	70262
No-Lash™ Part No.		73262	73262	73262	73262	73262

** These screws are low carbon steel

7/8" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	3,828	12,250
PLASTIC NUT	1,914	1,914

INCH ACME SCREW AND NUT TECHNICAL DATA

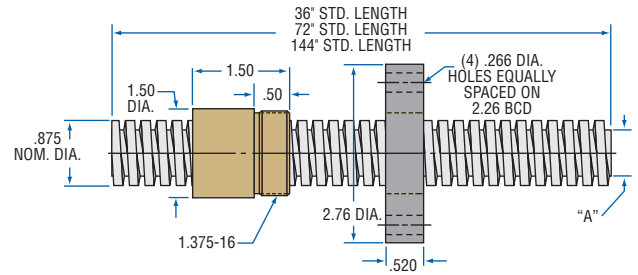
PRODUCT SPECIFICATIONS		SCREW SIZE	
		7/8"-6	
Lead		.166	
Pitch		.166	
Starts		1	
Threads Per Inch		6	
Lash (Maximum Axial)		.009	
"A" – Root Diameter (min.)		.661	
Weight (lbs./ft.)		1.65	
Thread Code		086	
Form		2C	
36" Standard Length Part No. *	RH	4140	11086
	Stainless	—	
72" Standard Length Part No. *	LH	4140	51086
	Stainless	—	
144" Standard Length Part No. *	RH	4140	12086
	Stainless	—	
36" Standard Length Part No. *	RH	4140	12086
	Stainless	—	
72" Standard Length Part No. *	LH	4140	52086
	Stainless	—	
144" Standard Length Part No. *	RH	4140	13086
	Stainless	—	
36" Standard Length Part No. *	LH	4140	53086
	Stainless	—	

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		7/8"-6
Efficiency		32%
Torque to Raise 1 lb. (in.-lb.)		.083
Weight (lbs.)		.57
Part No.	RH	20086
	LH	80086

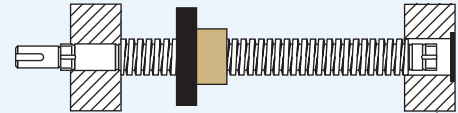
PLAST/AC PLASTIC NUT		7/8"-6
Efficiency		39%
Torque to Raise 1 lb. (in.-lb.)		.068
Weight (lbs.)		.08
Part No.	RH	30086
	LH	40086

FLANGE - STEEL		7/8"-6
Weight (lbs.)		.85
Standard Part No.		70275
No-Lash™ Part No.		73275



ACME SCREW ASSEMBLIES

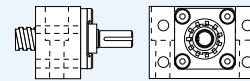
These assemblies are shipped with screw, nut, flange, and bearing supports.



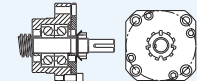
See page 41 for complete product details.

EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



Single or Double Bearing
Universal Mount

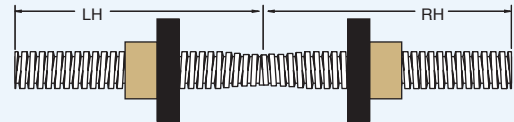


Single or Double Bearing
Flange Mount

EZZE-MOUNT™ available for: All 7/8" Screws
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 7/8" Screws
See page 44 for complete product details.

LUBRICANT

Prolong acme screw and nut performance with these special lubricants.

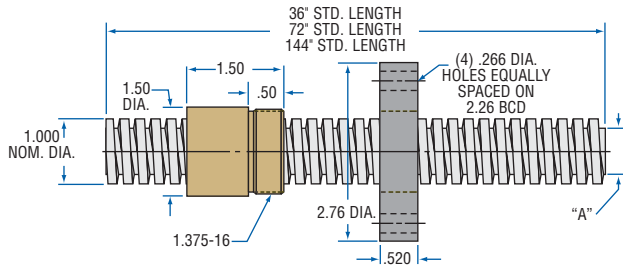


E-100 12 Oz.
Acme Screw
Spray Lubricant



PAG-1 1 lb.
Acme Screw
Grease

See page 14 for complete product details.



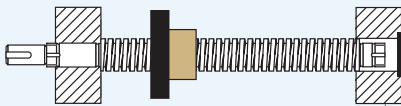
1" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	5,000	16,000
PLASTIC NUT	2,500	2,500

ACME SCREW ASSEMBLIES

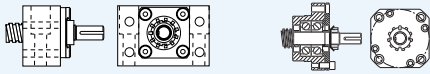
These assemblies are shipped with screw, nut, flange, and bearing supports.



See page 41 for complete product details.

EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



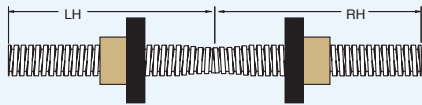
Single or Double Bearing Universal Mount Single or Double Bearing Flange Mount

EZZE-MOUNT™ available for:
1"-2, 1"-4, 1"-5, 1"-6 and 1"-10

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 1" 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.

PRODUCT SPECIFICATIONS		SCREW SIZE						
		1"-1	1"-2	1"-4	1"-5	1"-6	1"-10	
Lead		1.00	.500	.250	.200	.167	.100	
Pitch		.100	.250	.250	.200	.167	.100	
Starts		10	2	1	1	1	1	
Threads Per Inch		10	4	4	5	6	10	
Lash (Maximum Axial)		.008	.010	.010	.009	.009	.008	
"A" – Root Diameter (min.)		.906	.698	.698	.750	.786	.857	
Weight (lbs./ft.)		2.38	2.22	2.22	2.16	2.16	2.10	
Thread Code		111	112	104	105	106	110	
Form		Stub	2C	2C	2C	2C	2C	
36" Standard Length Part No. *	RH	4140	11111	11112	11104	11105	11106	11110
		Stainless	—	—	91104	91105	91106	91110
	LH	4140	51111	51112	51104	51105	51106	51110
		Stainless	—	—	94104	—	94106	94110
72" Standard Length Part No. *	RH	4140	12111	12112	12104	12105	12106	12110
		Stainless	—	—	92104	92105	92106	92110
	LH	4140	52111	52112	52104	52105	52106	52110
		Stainless	—	—	95104	—	95106	95110
144" Standard Length Part No. *	RH	4140	13111	13112	13104	13105	13106	13110
		Stainless	—	—	93104	93105	93106	93110
	LH	4140	53111	53112	53104	53105	53106	53110
		Stainless	—	—	96104	—	96106	96110

* Custom Lengths Available - See page 15 to specify length

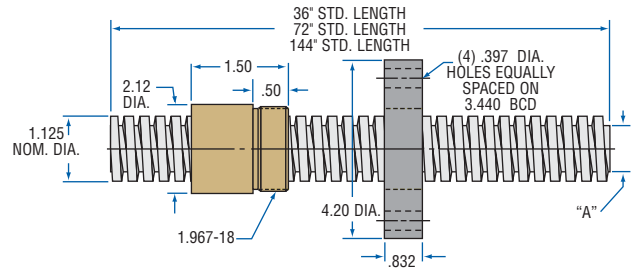
BRONZ/AC BRONZE NUT		1"-1	1"-2	1"-4	1"-5	1"-6	1"-10
Efficiency		69%	57%	38%	34%	30%	20%
Torque to Raise 1 lb. (in.-lb.)		.231	.139	.105	.094	.089	.078
Weight (lbs.)		.46	.52	.52	.50	.49	.47
Part No.	RH	20111	20112	20104	20105	20106	20110
	LH	80111	80112	80104	80105	80106	80110

PLAST/AC PLASTIC NUT		1"-1	1"-2	1"-4	1"-5	1"-6	1"-10
Efficiency		74%	63%	46%	40%	36%	24%
Torque to Raise 1 lb. (in.-lb.)		.216	.127	.086	.079	.074	.065
Weight (lbs.)		.07	.08	.08	.07	.07	.07
Part No.	RH	30111	30112	30104	30105	30106	30110
	LH	40111	40112	40104	40105	40106	40110

FLANGE - STEEL		1"-1	1"-2	1"-4	1"-5	1"-6	1"-10
Weight (lbs.)		.85	.85	.85	.85	.85	.85
Standard Part No.		70275	70275	70275	70275	70275	70275
No-Lash™ Part No.		73275	73275	73275	73275	73275	73275

1-1/8" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.



LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	6,330	20,500
PLASTIC NUT	3,165	3,165

INCH ACME SCREW AND NUT TECHNICAL DATA

PRODUCT SPECIFICATIONS		SCREW SIZE	
		1 1/8"-5	
Lead		.200	
Pitch		.200	
Starts		1	
Threads Per Inch		5	
Lash (Maximum Axial)		.010	
"A" – Root Diameter (min.)		.875	
Weight (lbs./ft.)		2.80	
Thread Code		115	
Form		2C	
36" Standard Length Part No. *	RH	4140	11115
	Stainless	—	—
72" Standard Length Part No. *	RH	4140	12115
	Stainless	—	—
144" Standard Length Part No. *	RH	4140	13115
	Stainless	—	—

* Custom Lengths Available - See page 15 to specify length

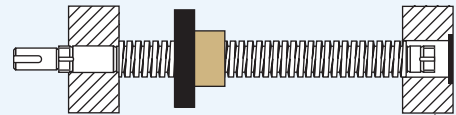
BRONZ/AC BRONZE NUT		1 1/8"-5
Efficiency		32%
Torque to Raise 1 lb. (in.-lb.)		.100
Weight (lbs.)		1.21
Part No.	RH	20115
	LH	80115

PLAST/AC PLASTIC NUT		1 1/8"-5
Efficiency		37%
Torque to Raise 1 lb. (in.-lb.)		.085
Weight (lbs.)		.18
Part No.	RH	30115
	LH	40115

FLANGE - STEEL		1 1/8"-5
Weight (lbs.)		3.19
Standard Part No.		70420
No-Lash™ Part No.		73420

ACME SCREW ASSEMBLIES

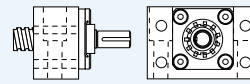
These assemblies are shipped with screw, nut, flange, and bearing supports.



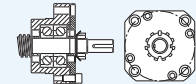
See page 41 for complete product details.

EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



Single or Double Bearing Universal Mount

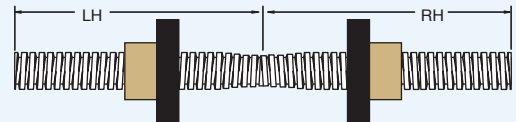


Single or Double Bearing Flange Mount

EZZE-MOUNT™ available for: All 1-1/8" Screws
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 1-1/8" Screws
See page 44 for complete product details.

LUBRICANT

Prolong acme screw and nut performance with these special lubricants.

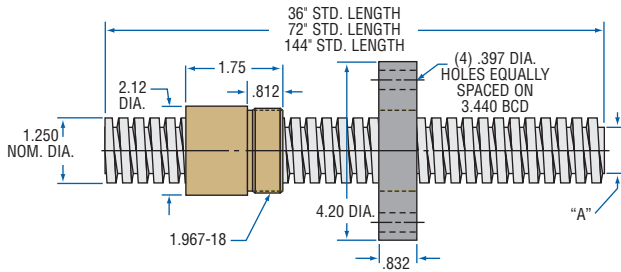


E-100 12 Oz. Acme Screw Spray Lubricant



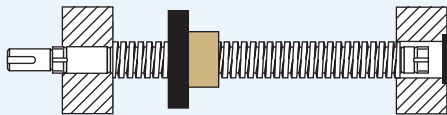
PAG-1 1 lb. Acme Screw Grease

See page 14 for complete product details.



ACME SCREW ASSEMBLIES

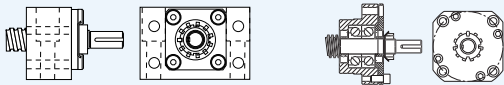
These assemblies are shipped with screw, nut, flange, and bearing supports.



See page 41 for complete product details.

EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



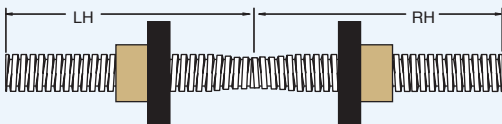
Single or Double Bearing
Universal Mount

Single or Double Bearing
Flange Mount

EZZE-MOUNT™ available for: All 1-1/4" Screws
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 1-1/4" 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.

1-1/4" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	7,812	25,000
PLASTIC NUT	3,906	3,906

PRODUCT SPECIFICATIONS	SCREW SIZE			
	1 1/4"-4	1 1/4"-5		
Lead	.250	.200		
Pitch	.250	.200		
Starts	1	1		
Threads Per Inch	4	5		
Lash (Maximum Axial)	.011	.010		
"A" – Root Diameter (min.)	.947	.999		
Weight (lbs./ft.)	3.34	3.49		
Thread Code	124	125		
Form	2C	2C		
36" Standard Length Part No.*	RH	4140	11124	11125
		Stainless	91124	91125
	LH	4140	51124	51125
		Stainless	94124	94125
72" Standard Length Part No.*	RH	4140	12124	12125
		Stainless	92124	92125
	LH	4140	52124	52125
		Stainless	95124	95125
144" Standard Length Part No.*	RH	4140	13124	13125
		Stainless	93124	93125
	LH	4140	53124	53125
		Stainless	96124	96125

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		1 1/4"-4	1 1/4"-5
Efficiency		34%	28%
Torque to Raise 1 lb. (in.-lb.)		.117	.114
Weight (lbs.)		1.32	1.29
Part No.	RH	20124	20125
	LH	80124	80125

PLAST/AC PLASTIC NUT		1 1/4"-4	1 1/4"-5
Efficiency		40%	35%
Torque to Raise 1 lb. (in.-lb.)		.099	.092
Weight (lbs.)		.19	.19
Part No.	RH	30124	30125
	LH	40124	40125

FLANGE - STEEL		1 1/4"-4	1 1/4"-5
Weight (lbs.)		3.19	3.19
Standard Part No.		70420	70420
No-Lash™ Part No.		73420	73420

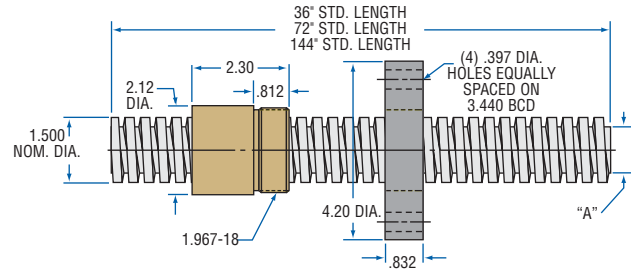
INCH ACME SCREW AND NUT TECHNICAL DATA



1-1/2" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	11,250	36,000
PLASTIC NUT	5,625	5,625



INCH ACME SCREW AND NUT TECHNICAL DATA

PRODUCT SPECIFICATIONS		SCREW SIZE					
		1 1/2"-2	1 1/2"-2 2/3	1 1/2"-4	1 1/2"-5	1 1/2"-10	
Lead		.500	.375	.250	.200	.100	
Pitch		.250	.375	.250	.200	.100	
Starts		2	1	1	1	1	
Threads Per Inch		4	2 2/3	4	5	10	
Lash (Maximum Axial)		.012	.010	.010	.010	.009	
"A" – Root Diameter (min.)		1.196	1.066	1.196	1.249	1.355	
Weight (lbs./ft.)		4.95	4.55	4.99	4.90	5.47	
Thread Code		152	153	154	155	150	
Form		2C	40°	2C	2C	2C	
36" Standard Length Part No. *	RH	4140	11152	11153	11154	11155	11150
		Stainless	—	91153	91154	91155	—
	LH	4140	51152	51153	51154	51155	51150
		Stainless	—	—	94154	94155	—
72" Standard Length Part No. *	RH	4140	12152	12153	12154	12155	12150
		Stainless	—	92153	92154	92155	—
	LH	4140	52152	52153	52154	52155	52150
		Stainless	—	—	95154	95155	—
144" Standard Length Part No. *	RH	4140	13152	13153	13154	13155	13150
		Stainless	—	93153	93154	93155	—
	LH	4140	53152	53153	53154	53155	53150
		Stainless	—	—	96154	96155	—

* Custom Lengths Available - See page 15 to specify length

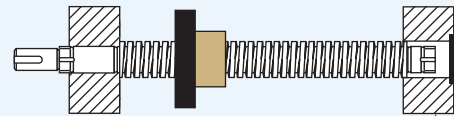
BRONZ/AC BRONZE NUT		1 1/2"-2	1 1/2"-2 2/3	1 1/2"-4	1 1/2"-5	1 1/2"-10
Efficiency		46%	40%	30%	25%	15%
Torque to Raise 1 lb. (in.-lb.)		.173	.149	.133	.127	.110
Weight (lbs.)		1.38	1.49	1.53	1.35	1.28
Part No.	RH	20152	20153	20154	20155	20150
	LH	80152	80153	80154	80155	80150

PLAST/AC PLASTIC NUT		1 1/2"-2	1 1/2"-2 2/3	1 1/2"-4	1 1/2"-5	1 1/2"-10
Efficiency		52%	46%	36%	30%	17%
Torque to Raise 1 lb. (in.-lb.)		.152	.129	.111	.105	.091
Weight (lbs.)		.20	.22	.22	.20	.19
Part No.	RH	30152	30153	30154	30155	30150
	LH	40152	40153	40154	40155	40150

FLANGE - STEEL		1 1/2"-2	1 1/2"-2 2/3	1 1/2"-4	1 1/2"-5	1 1/2"-10
Weight (lbs.)		3.19	3.19	3.19	3.19	3.19
Standard Part No.		70420	70420	70420	70420	70420
No-Lash™ Part No.		73420	73420	73420	73420	73420

ACME SCREW ASSEMBLIES

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

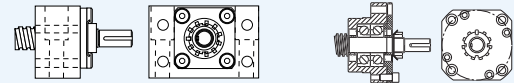


See page 41 for complete product details.

EZZE-MOUNT™

END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



Single or Double Bearing Universal Mount

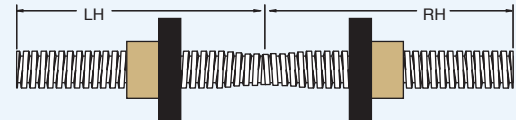
Single or Double Bearing Flange Mount

EZZE-MOUNT™ available for: All 1-1/2" Screws

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 1-1/2" Screws

See page 44 for complete product details.

LUBRICANT

Prolong acme screw and nut performance with these special lubricants.

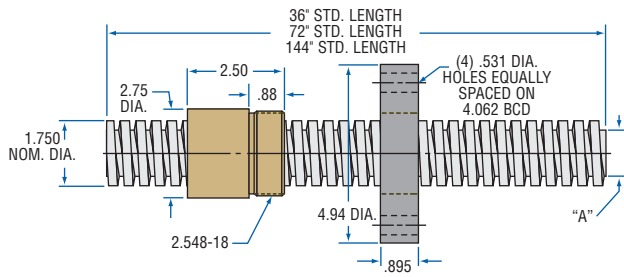


E-100 12 Oz. Acme Screw Spray Lubricant



PAG-1 1 lb. Acme Screw Grease

See page 14 for complete product details.



1-3/4" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

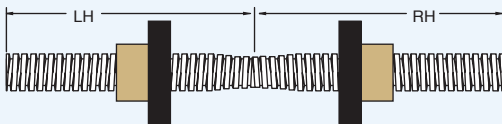
LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	15,312	49,900
PLASTIC NUT	7,656	7,656

PRODUCT SPECIFICATIONS		SCREW SIZE	
		1 3/4"-4	
Lead		.250	
Pitch		.250	
Starts		1	
Threads Per Inch		4	
Lash (Maximum Axial)		.011	
"A" – Root Diameter (min.)		1.427	
Weight (lbs./ft.)		6.97	
Thread Code		174	
Form		2C	
36" Standard Length Part No. *	RH	4140	11174
		Stainless	—
	LH	4140	51174
		Stainless	—
72" Standard Length Part No. *	RH	4140	12174
		Stainless	—
	LH	4140	52174
		Stainless	—
144" Standard Length Part No. *	RH	4140	13174
		Stainless	—
	LH	4140	53174
		Stainless	—

INCH ACME SCREW AND NUT TECHNICAL DATA

TWIN-LEAD SCREW

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



Twin-Lead Screw available for: All 1-3/4" 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

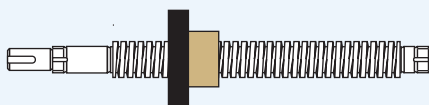


PAG-1 1 lb.
Acme Screw
Grease

See page 14 for complete product details.

END MACHINING

Machining for Nook standard ends or custom requirement available.



See page 212 for complete product details.

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		1 3/4"-4
Efficiency		26%
Torque to Raise 1 lb. (in.-lb.)		.153
Weight (lbs.)		3.05
Part No.	RH	20174
	LH	80174

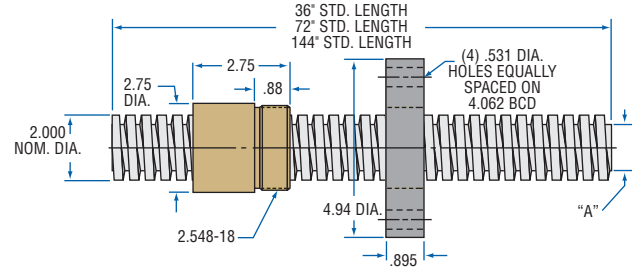
PLAST/AC PLASTIC NUT		1 3/4"-4
Efficiency		32%
Torque to Raise 1 lb. (in.-lb.)		.124
Weight (lbs.)		.44
Part No.	RH	30174
	LH	40174

FLANGE - STEEL		1 3/4"-4
Weight (lbs.)		4.73
Standard Part No.		70500
No-Lash™ Part No.		73500

2" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	20,000	64,000
PLASTIC NUT	10,000	10,000



INCH ACME SCREW AND NUT TECHNICAL DATA

PRODUCT SPECIFICATIONS		SCREW SIZE			
		2"-2	2"-4	2"-5	
Lead		.500	.250	.200	
Pitch		.500	.250	.200	
Starts		1	1	1	
Threads Per Inch		2	4	5	
Lash (Maximum Axial)		.020	.012	.011	
"A" – Root Diameter (min.)		1.410	1.694	1.747	
Weight (lbs./ft.)		8.09	9.28	9.53	
Thread Code		202	204	205	
Form		40°	2C	2C	
36" Standard Length Part No. *	RH	4140	11202	11204	11205
		Stainless	—	—	—
	LH	4140	51202	51204	51205
		Stainless	—	—	—
72" Standard Length Part No. *	RH	4140	12202	12204	12205
		Stainless	—	—	—
	LH	4140	52202	52204	52205
		Stainless	—	—	—
144" Standard Length Part No. *	RH	4140	13202	13204	13205
		Stainless	—	—	—
	LH	4140	53202	53204	53205
		Stainless	—	—	—

* Custom Lengths Available - See page 15 to specify length

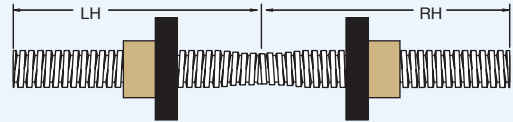
BRONZ/AC BRONZE NUT		2"-2	2"-4	2"-5
Efficiency		40%	24%	20%
Torque to Raise 1 lb. (in.-lb.)		.199	.166	.159
Weight (lbs.)		2.87	2.59	2.53
Part No.	RH	20202	20204	20205
	LH	80202	80204	80205

PLAST/AC PLASTIC NUT		2"-2	2"-4	2"-5
Efficiency		46%	29%	24%
Torque to Raise 1 lb. (in.-lb.)		.174	.137	.130
Weight (lbs.)		.42	.38	.37
Part No.	RH	30202	30204	30205
	LH	40202	40204	40205

FLANGE - STEEL		2"-2	2"-4	2"-5
Weight (lbs.)		4.73	4.73	4.73
Standard Part No.		70500	70500	70500
No-Lash™ Part No.		73500	73500	73500

TWIN-LEAD SCREW

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



Twin-Lead Screw available for: All 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

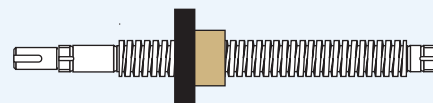


PAG-1 1 lb. Acme Screw Grease

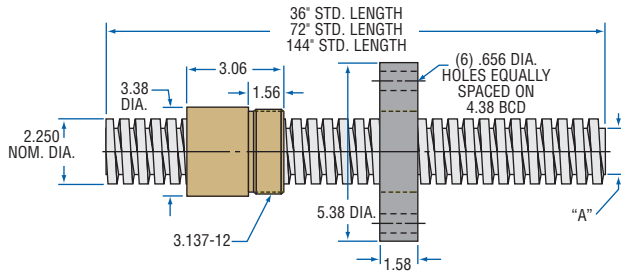
See page 14 for complete product details.

END MACHINING

Machining for Nook standard ends or custom requirement available.



See page 212 for complete product details.



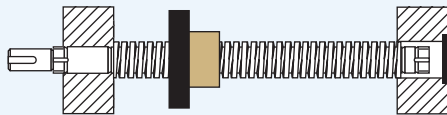
2-1/4" ACME THREAD

LEAD ACCURACY: ±0.0003 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	25,312	81,000
PLASTIC NUT	12,656	12,656

ACME SCREW ASSEMBLIES

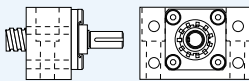
These assemblies are shipped with screw, nut, flange, and bearing supports.



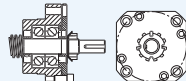
See page 41 for complete product details.

EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



Single or Double Bearing
Universal Mount

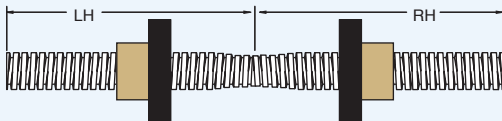


Single or Double Bearing
Flange Mount

EZZE-MOUNT™ available for: 2-1/4"-4"
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 2-1/4" 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.

PRODUCT SPECIFICATIONS		SCREW SIZE	
		2 1/4"-2	2 1/4"-4
Lead		.500	.250
Pitch		.500	.250
Starts		1	1
Threads Per Inch		2	4
Lash (Maximum Axial)		.021	.012
"A" – Root Diameter (min.)		1.684	1.944
Weight (lbs./ft.)		10.58	11.29
Thread Code		222	224
Form		40°	2C
36" Standard Length Part No. *	RH	4140	11222
		Stainless	—
	LH	4140	51222
		Stainless	—
72" Standard Length Part No. *	RH	4140	12222
		Stainless	—
	LH	4140	52222
		Stainless	—
144" Standard Length Part No. *	RH	4140	13222
		Stainless	—
	LH	4140	53222
		Stainless	—

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		2 1/4"-2	2 1/4"-4
Efficiency		37%	22%
Torque to Raise 1 lb. (in.-lb.)		.215	.181
Weight (lbs.)		5.25	4.98
Part No.	RH	20222	20224
	LH	80222	80224

PLAST/AC PLASTIC NUT		2 1/4"-2	2 1/4"-4
Efficiency		42%	27%
Torque to Raise 1 lb. (in.-lb.)		.188	.150
Weight (lbs.)		.76	.72
Part No.	RH	30222	30224
	LH	40222	40224

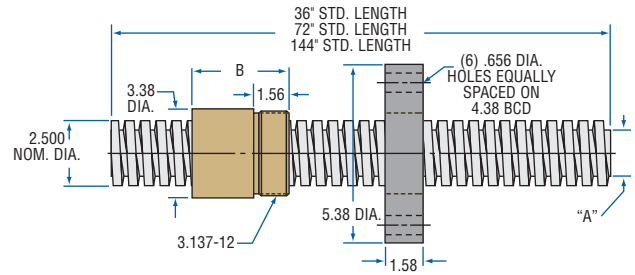
FLANGE - STEEL		2 1/4"-2	2 1/4"-4
Weight (lbs.)		9.88	9.88
Standard Part No.		70540	70540
No-Lash™ Part No.		73540	73540

INCH ACME SCREW AND NUT TECHNICAL DATA

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

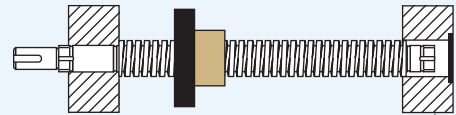
BRONZ/AC BRONZE NUT		2 1/2"-2	2 1/2"-3	2 1/2"-4
Efficiency		34%	25%	20%
Torque to Raise 1 lb. (in.-lb.)		.234	.212	.199
Weight (lbs.)		5.00	5.91	4.55
Part No.	RH	20252	20253	20254
	LH	80252	80253	80254

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

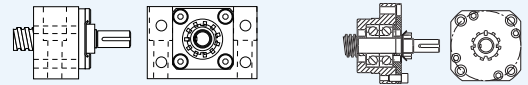
These assemblies are shipped with screw, nut, flange, and bearing supports.



See page 41 for complete product details.

EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



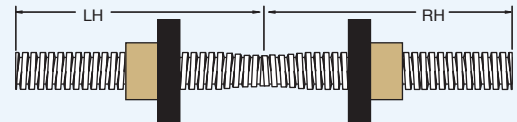
Single or Double Bearing Universal Mount

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.

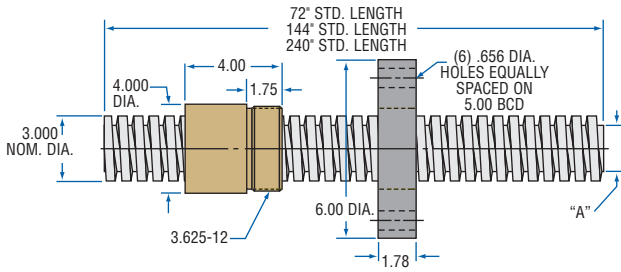


E-100 12 Oz. Acme Screw Spray Lubricant



PAG-1 1 lb. Acme Screw Grease

See page 14 for complete product details.



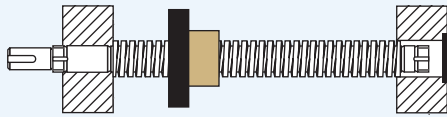
3" ACME THREAD

LEAD ACCURACY: ±0.0006 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	45,000	144,000

ACME SCREW ASSEMBLIES

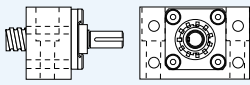
These assemblies are shipped with screw, nut, flange, and bearing supports.



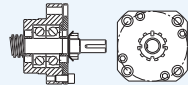
See page 41 for complete dimensions.

EZZE-MOUNT™ END BEARING SUPPORTS

A convenient solution for mounting acme screw assemblies.



Single or Double Bearing
Universal Mount

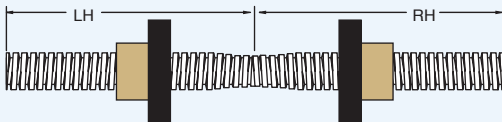


Single or Double Bearing
Flange Mount

EZZE-MOUNT™ available for: 3"-2
See page 214 for complete dimensions.

TWIN-LEAD SCREW

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



Twin-Lead Screw available for: All 3" 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.

PRODUCT SPECIFICATIONS		SCREW SIZE	
		3"-2	
Lead		.500	
Pitch		.500	
Starts		1	
Threads Per Inch		2	
Lash (Maximum Axial)		.016	
"A" – Root Diameter (min.)		2.410	
Weight (lbs./ft.)		19.96	
Thread Code		302	
Form		2C	
72" Standard Length Part No. *	RH	4140	12302
		Stainless	—
	LH	4140	51302
		Stainless	—
144" Standard Length Part No. *	RH	4140	13302
		Stainless	—
	LH	4140	52302
		Stainless	—
240" Standard Length Part No. *	RH	4140	10302
		Stainless	—
	LH	4140	53302
		Stainless	—

* Custom Lengths Available - See page 15 to specify length

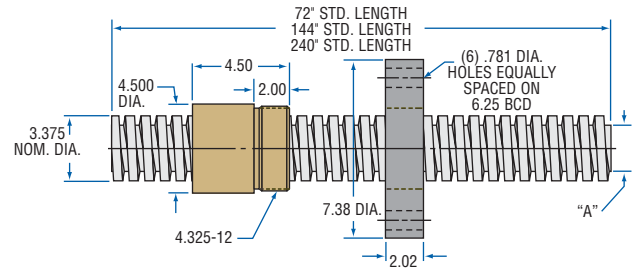
BRONZ/AC BRONZE NUT		3"-2
Efficiency		30%
Torque to Raise 1 lb. (in.-lb.)		.265
Weight (lbs.)		7.85
Part No.	RH	20302
	LH	80302

FLANGE - STEEL	3"-2
Weight (lbs.)	13.83
Standard Part No.	70600
No-Lash™ Part No.	73302

INCH ACME SCREW AND NUT TECHNICAL DATA

3-3/8" ACME THREAD

LEAD ACCURACY: ±0.0006 in./in.



INCH ACME SCREW AND NUT TECHNICAL DATA

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	60,000	192,000

PRODUCT SPECIFICATIONS		SCREW SIZE	
		3³/₈"-1¹/₂	
Lead		.667	
Pitch		.667	
Starts		1	
Threads Per Inch		1 1/2	
Lash (Maximum Axial)		.020	
"A" – Root Diameter (min.)		2.652	
Weight (lbs./ft.)		20.15	
Thread Code		332	
Form		2G	
72" Standard Length Part No. *	RH	4140	12332
		Stainless	—
144" Standard Length Part No. *	RH	4140	13332
		Stainless	—
240" Standard Length Part No. *	RH	4140	10332
		Stainless	—

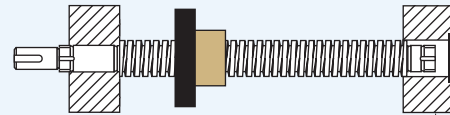
* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		3 ³ / ₈ "-1 ¹ / ₂
Efficiency		34%
Torque to Raise 1 lb. (in.-lb.)		.312
Weight (lbs.)		11.62
Part No.	RH	20332
	LH	—

FLANGE - STEEL	3 ³ / ₈ "-1 ¹ / ₂
Weight (lbs.)	23.82
Standard Part No.	70740
No-Lash™ Part No.	73332

ACME SCREW ASSEMBLIES

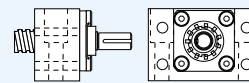
These assemblies are shipped with screw, nut, flange, and bearing supports.



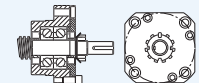
See page 41 for complete dimensions.

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: 3-3/8"-1-1/2

See page 214 for complete dimensions.

LUBRICANT

Prolong acme screw and nut performance with these special lubricants.



E-100 12 Oz. Acme Screw Spray Lubricant

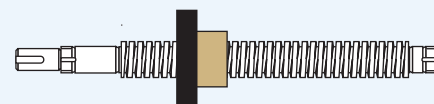


PAG-1 1 lb. Acme Screw Grease

See page 14 for complete product details.

END MACHINING

Machining for Nook standard ends or custom requirement available.

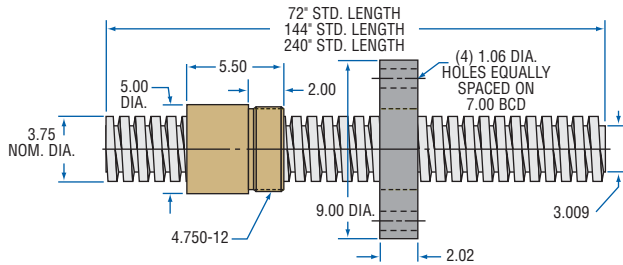


See page 212 for complete product details.

3-3/4" ACME THREAD

LEAD ACCURACY: ±0.0006 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	81,000	260,000



PRODUCT SPECIFICATIONS		SCREW SIZE	
		3³/₄"-1¹/₂	
Lead		.667	
Pitch		.667	
Starts		1	
Threads Per Inch		1 1/2	
Lash (Maximum Axial)		.020	
Weight (lbs./ft.)		38.30	
Thread Code		372	
Form		2G	
72" Standard Length Part No. *	RH 4140	12372	
144" Standard Length Part No. *	RH 4140	13372	
240" Standard Length Part No. *	RH 4140	10372	

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		3³/₄"-1¹/₂	
Efficiency		30%	
Torque to Raise 1 lb. (in.-lb.)		.345	
Weight (lbs.)		16.89	
Part No.	RH	20372	

FLANGE - STEEL		3³/₄"-1¹/₂	
Weight (lbs.)		23.82	
Standard Part No.		70775	
No-Lash™ Part No.		73372	

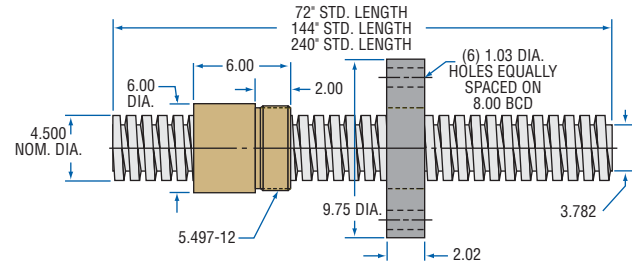
LUBRICANT

Prolong acme screw and nut performance with these special lubricants.
See page 14 for complete product details.

4-1/2" ACME THREAD

LEAD ACCURACY: ±0.0006 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	100,000	320,000



PRODUCT SPECIFICATIONS		SCREW SIZE	
		4¹/₂"-1¹/₂	
Lead		.667	
Pitch		.667	
Starts		1	
Threads Per Inch		1 1/2	
Lash (Maximum Axial)		.022	
Weight (lbs./ft.)		45.00	
Thread Code		452	
Form		2G	
72" Standard Length Part No. *	RH 4140	12452	
144" Standard Length Part No. *	RH 4140	13452	
240" Standard Length Part No. *	RH 4140	10452	

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		4¹/₂"-1¹/₂	
Efficiency		28%	
Torque to Raise 1 lb. (in.-lb.)		.379	
Weight (lbs.)		25.82	
Part No.	RH	20452	

FLANGE - STEEL		4¹/₂"-1¹/₂	
Weight (lbs.)		26.00	
Standard Part No.		71000	
No-Lash™ Part No.		73452	

EZZE-MOUNT™ END BEARING SUPPORTS

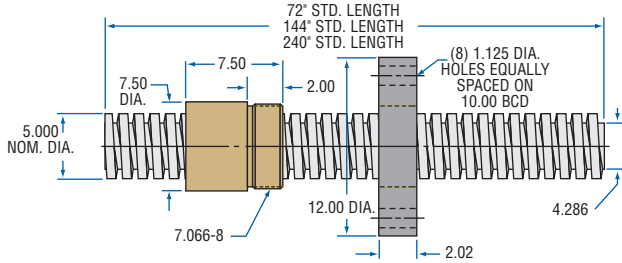
A convenient solution for mounting
acme screw assemblies.

EZZE-MOUNT™ available for: 4-1/2"-1-1/2"
See page 214 for complete dimensions.

5" ACME THREAD

LEAD ACCURACY: ±0.0006 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	145,000	470,000



			SCREW SIZE
PRODUCT SPECIFICATIONS			5"-1 1/2
Lead			.667
Pitch			.667
Starts			1
Threads Per Inch			1 1/2
Lash (Maximum Axial)			.022
Weight (lbs./ft.)			57.50
Thread Code			552
Form			2G
72" Standard Length Part No.*	RH	4140	12552
144" Standard Length Part No.*	RH	4140	13552
240" Standard Length Part No.*	RH	4140	10552

* Custom Lengths Available - See page 15 to specify length

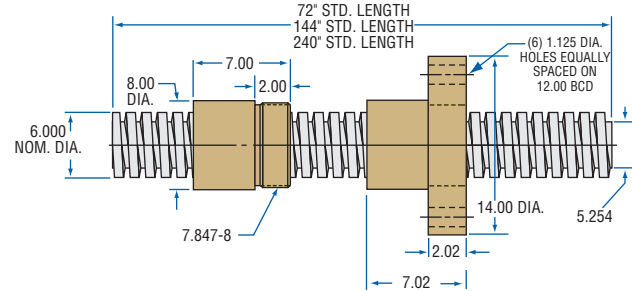
BRONZ/AC BRONZE NUT		5"-1 1/2
Efficiency		26%
Torque to Raise 1 lb. (in.-lb.)		.398
Weight (lbs.)		60.59
Part No.	RH	20552

FLANGE - STEEL		5"-1 1/2
Weight (lbs.)		110
Standard Part No.		75000
No-Lash™ Part No.		73552

6" ACME THREAD

LEAD ACCURACY: ±0.0006 in./in.

LOAD CAPACITY (lbs.)	DYNAMIC	STATIC
BRONZE NUT	180,000	576,000



			SCREW SIZE
PRODUCT SPECIFICATIONS			6"-1 1/2
Lead			.667
Pitch			.667
Starts			1
Threads Per Inch			1 1/2
Lash (Maximum Axial)			.025
Weight (lbs./ft.)			87.00
Thread Code			602
Form			2G
72" Standard Length Part No.*	RH	4140	12602
144" Standard Length Part No.*	RH	4140	13602
240" Standard Length Part No.*	RH	4140	10602

* Custom Lengths Available - See page 15 to specify length

BRONZ/AC BRONZE NUT		6"-1 1/2
Efficiency		22%
Torque to Raise 1 lb. (in.-lb.)		.474
Weight (lbs.)		52.5
Part No.	RH	20602
V thread		
Part No.	RH	6954-1
Integral Flange		

INCH ACME SCREW AND NUT TECHNICAL DATA

LUBRICANT

Prolong acme screw and nut performance with these special lubricants.

See page 14 for complete product details.



E-100 12 Oz.
Acme Screw
Spray Lubricant



PAG-1 1 lb.
Acme Screw
Lubricant

SCREW SIZES			NUT SELECTION								Back Lash (max)	Page Ref
			BRONZ/AC				PLAST/AC					
SIZE DIA-TPI	Lead	Root Dia.	LOAD RATING		Torque To Raise 1 lb. (in-lb)	Efficiency %	LOAD RATING		Torque To Raise 1 lb. (in-lb)	Efficiency %		
			Static lbs.	Dynamic lbs.			Static lbs.	Dynamic lbs.				
1/4 - 3*	.333	.192	1000	312	.073	73	156	156	.067	79	.005	18
1/4 - 4*	.250	.162	1000	312	.056	71	156	156	.053	75	.007	18
1/4 - 16	.062	.162	1000	312	.026	39	156	156	.021	46	.005	18
1/4 - 20	.050	.175	1000	312	.022	36	156	156	.020	40	.006	18
5/16 - 2*	.500	.216	—	—	—	—	205	205	.099	81	.008	19
5/16 - 4*	.250	.216	1625	510	.059	67	205	205	.054	73	.008	19
3/8 - 1*	1.000	.238	—	—	—	—	351	351	.199	80	.021	20
3/8 - 2*	.500	.278	2250	703	.107	74	351	351	.101	79	.009	20
3/8 - 4*	.250	.278	2250	703	.063	63	351	351	.057	69	.009	20
3/8 - 5*	.200	.282	2250	703	.054	59	351	351	.050	64	.008	20
3/8 - 6*	.166	.263	2250	703	.049	54	351	351	.044	60	.006	21
3/8 - 8	.125	.278	2250	703	.042	48	351	351	.037	54	.009	21
3/8 - 10	.100	.282	2250	703	.038	42	351	351	.033	48	.008	21
3/8 - 12	.083	.263	2250	703	.036	37	351	351	.031	43	.006	21
3/8 - 16	.062	.286	2250	703	.031	32	351	351	.028	35	.007	21
7/16 - 2*	.500	.340	—	—	—	—	450	450	.103	77	.009	22
7/16 - 4*	.250	.340	3000	975	.067	60	450	450	.060	66	.009	22
1/2 - 1*	1.000	.392	—	—	—	—	625	625	.106	75	.007	23
1/2 - 2*	.500	.406	4000	1250	.115	69	625	625	.107	75	.006	23
1/2 - 4*	.250	.332	4000	1250	.070	57	625	625	.064	63	.007	23
1/2 - 5*	.200	.391	4000	1250	.061	52	625	625	.056	57	.009	23
1/2 - 10	.100	.359	4000	1250	.047	34	625	625	.039	40	.007	23
5/8 - 2 ² / ₃ *	.375	.457	6250	1953	.100	60	976	976	.091	66	.010	24
5/8 - 5	.200	.377	6250	1953	.072	44	976	976	.060	53	.009	24
5/8 - 5(2)*	.200	.484	6250	1953	.069	46	976	976	.062	51	.009	24
5/8 - 8	.125	.457	6250	1953	.058	34	976	976	.049	40	.008	24
5/8 - 10	.100	.516	6250	1953	.053	30	976	976	.046	35	.009	24
3/4 - 2*	.500	.581	9000	2812	.129	62	1406	1406	.118	68	.010	25
3/4 - 3*	.333	.537	9000	2812	.099	54	1406	1406	.089	60	.009	25
3/4 - 5	.200	.502	9000	2812	.080	40	1406	1406	.066	48	.009	25
3/4 - 6	.166	.537	9000	2812	.073	36	1406	1406	.061	43	.008	25

*Effective Threads per inch for multiple start screws.

CONTINUED ON NEXT PAGE

INCH ACME SCREW AND NUT TECHNICAL DATA



CONTINUED FROM PREVIOUS PAGE

INCH ACME SCREW AND NUT TECHNICAL DATA

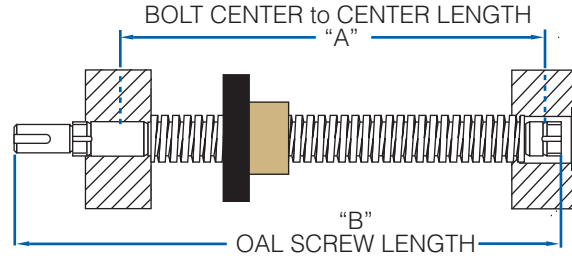
SCREW SIZES			NUT SELECTION								Back Lash (max)	Page Ref
			BRONZ/AC				PLAST/AC					
SIZE DIA-TPI	Lead	Root Dia.	LOAD RATING		Torque To Raise 1 lb. (in-lb)	Efficiency %	LOAD RATING		Torque To Raise 1 lb. (in-lb)	Efficiency %		
			Static lbs.	Dynamic lbs.			Static lbs.	Dynamic lbs.				
3/4 - 10	.100	.608	9000	2812	.064	25	1406	1406	.052	30	.007	25
7/8 - 6	.166	.661	12250	3828	.083	32	1914	1914	.068	39	.009	26
1 - 1*	1.000	.906	16000	5000	.231	69	2500	2500	.216	74	.008	27
1 - 2*	.500	.698	16000	5000	.139	57	2500	2500	.127	63	.010	27
1 - 4	.250	.698	16000	5000	.105	38	2500	2500	.086	46	.010	27
1 - 5	.200	.750	16000	5000	.094	34	2500	2500	.079	40	.009	27
1 - 6	.167	.786	16000	5000	.089	30	2500	2500	.074	36	.009	27
1 - 10	.100	.857	16000	5000	.078	20	2500	2500	.065	24	.008	27
1 1/8 - 5	.200	.875	20500	6330	.100	32	3165	3165	.085	37	.010	28
1 1/4 - 4	.250	.947	25000	7812	.117	34	3906	3906	.099	40	.011	29
1 1/4 - 5	.200	.999	25000	7812	.114	28	3906	3906	.092	35	.010	29
1 1/2 - 2*	.500	1.196	36000	11250	.173	46	5625	5625	.152	52	.012	30
1 1/2 - 2 2/3	.375	1.066	36000	11250	.149	40	5625	5625	.129	46	.010	30
1 1/2 - 4	.250	1.196	36000	11250	.133	30	5625	5625	.111	36	.010	30
1 1/2 - 5	.200	1.249	36000	11250	.127	25	5625	5625	.105	30	.010	30
1 1/2 - 10	.100	1.355	36000	11250	.110	15	5625	5625	.091	17	.009	30
1 3/4 - 4	.250	1.427	49900	15312	.153	26	7656	7656	.124	32	.011	31
2 - 2	.500	1.410	64000	20000	.199	40	10000	10000	.174	46	.020	32
2 - 4	.250	1.694	64000	20000	.166	24	10000	10000	.114	29	.012	32
2 - 5	.200	1.747	64000	20000	.159	20	10000	10000	.130	24	.011	32
2 1/4 - 2	.500	1.684	81000	25312	.215	37	12656	12656	.188	42	.021	33
2 1/4 - 4	.250	1.944	81000	25312	.181	22	12656	12656	.150	27	.012	33
2 1/2 - 2	.500	1.908	100000	31250	.234	34	15625	15625	.201	40	.012	34
2 1/2 - 3	.333	2.106	100000	31250	.212	25	15625	15625	.174	30	.013	34
2 1/2 - 4	.250	2.193	100000	31250	.199	20	15625	15625	.163	24	.012	34
3 - 2	.500	2.410	144000	45000	.265	30	—	—	—	—	.016	35
3 3/8 - 1 1/2	.666	2.652	192000	60000	.312	34	—	—	—	—	.020	36
3 3/4 - 1 1/2	.666	3.083	260000	81000	.345	30	—	—	—	—	.020	37
4 1/2 - 1 1/2	.666	3.782	320000	100000	.379	28	—	—	—	—	.022	37
5 - 1 1/2	.666	4.286	470000	145000	.398	26	—	—	—	—	.022	38
6 - 1 1/2	.666	5.254	576000	180000	.474	22	—	—	—	—	.025	38

*Effective Threads per inch for multiple start screw

CONVENIENCE AND MODULARITY

These PowerAc™ modular assemblies are pre-engineered and feature a 2-C acme screw, steel mounting flange with choice of nut material, one single and one double bearing EZZE-MOUNT™ support. One end of the mounted screw is provided with a drive shaft and keyway for coupling the assembly to a drive mechanism.

Use the reference number below to select the assembly that meets the design requirement. See page 214-218 for EZZE-MOUNT™ information and page 212-213 for End Machining information.



NOTE: "A" & "B" Dimensions reflect a 1/2" over travel at each end.

DIA-TPI	BOLT CENTER "A"	O.A.L. "B"	REF. NUMBER BRONZE NUT	REF. NUMBER PLASTIC NUT	Page
3/8 - 2	2.62" + Travel	4.4" + Travel	037 - RA / EK / CN / "B" / 20037 / FS	037 - RA / EK / CN / "B" / 20037 / FS	20
3/8 - 4	2.62" + Travel	4.4" + Travel	034 - RA / EK / CN / "B" / 20034 / FS	034 - RA / EK / CN / "B" / 20034 / FS	20
3/8 - 5	2.62" + Travel	4.4" + Travel	035 - RA / EK / CN / "B" / 20035 / FS	035 - RA / EK / CN / "B" / 20035 / FS	20
3/8 - 6	2.62" + Travel	4.4" + Travel	036 - RA / EK / CN / "B" / 20036 / FS	036 - RA / EK / CN / "B" / 20036 / FS	21
3/8 - 8	2.62" + Travel	4.4" + Travel	038 - RA / EK / CN / "B" / 20038 / FS	038 - RA / EK / CN / "B" / 20038 / FS	21
3/8 - 10	2.62" + Travel	4.4" + Travel	030 - RA / EK / CN / "B" / 20030 / FS	030 - RA / EK / CN / "B" / 20030 / FS	21
3/8 - 12	2.62" + Travel	4.4" + Travel	032 - RA / EK / CN / "B" / 20032 / FS	032 - RA / EK / CN / "B" / 20032 / FS	21
3/8 - 16	2.62" + Travel	4.4" + Travel	033 - RA / EK / CN / "B" / 20033 / FS	033 - RA / EK / CN / "B" / 30033 / FS	21
7/16 - 2	2.75" + Travel	4.62" + Travel	—	042 - RA / EK / CN / "B" / 30042 / FS	22
7/16 - 4	2.75" + Travel	4.62" + Travel	044 - RA / EK / CN / "B" / 20044 / FS	044 - RA / EK / CN / "B" / 30044 / FS	22
1/2 - 1	2.87" + Travel	5.23" + Travel	—	051 - RA / EK / CN / "B" / 30051 / FS	23
1/2 - 2	2.87" + Travel	5.32" + Travel	052 - RA / EK / CN / "B" / 20052 / FS	052 - RA / EK / CN / "B" / 30052 / FS	23
1/2 - 4	2.75" + Travel	4.62" + Travel	054 - RA / EK / CN / "B" / 20054 / FS	054 - RA / EK / CN / "B" / 30054 / FS	23
1/2 - 5	2.87" + Travel	5.23" + Travel	055 - RA / EK / CN / "B" / 20055 / FS	055 - RA / EK / CN / "B" / 30055 / FS	23
1/2 - 10	2.87" + Travel	5.23" + Travel	050 - RA / EK / CN / "B" / 20050 / FS	050 - RA / EK / CN / "B" / 30050 / FS	23
5/8 - 2 2/3	3.12" + Travel	5.57" + Travel	063 - RA / EK / CN / "B" / 20063 / FS	063 - RA / EK / CN / "B" / 30063 / FS	24
5/8 - 5	3.12" + Travel	5.48" + Travel	065 - RA / EK / CN / "B" / 20065 / FS	065 - RA / EK / CN / "B" / 30065 / FS	24
5/8 - 8	3.12" + Travel	5.57" + Travel	068 - RA / EK / CN / "B" / 20068 / FS	068 - RA / EK / CN / "B" / 30068 / FS	24
5/8 - 10	3.38" + Travel	6.43" + Travel	060 - RA / EK / CN / "B" / 20060 / FS	060 - RA / EK / CN / "B" / 30060 / FS	24
3/4 - 2	3.63" + Travel	6.68" + Travel	072 - RA / EK / CN / "B" / 20072 / FS	072 - RA / EK / CN / "B" / 30072 / FS	25
3/4 - 3	3.63" + Travel	6.68" + Travel	073 - RA / EK / CN / "B" / 20073 / FS	073 - RA / EK / CN / "B" / 30073 / FS	25
3/4 - 5	3.63" + Travel	6.68" + Travel	075 - RA / EK / CN / "B" / 20075 / FS	075 - RA / EK / CN / "B" / 30075 / FS	25
3/4 - 6	3.63" + Travel	6.68" + Travel	076 - RA / EK / CN / "B" / 20076 / FS	076 - RA / EK / CN / "B" / 30076 / FS	25
3/4 - 10	3.63" + Travel	6.60" + Travel	070 - RA / EK / CN / "B" / 20070 / FS	070 - RA / EK / CN / "B" / 30070 / FS	25
7/8 - 6	3.88" + Travel	6.85" + Travel	086 - RA / EK / CN / "B" / 20086 / FS	086 - RA / EK / CN / "B" / 30086 / FS	26
1 - 1	4.22" + Travel	8.14" + Travel	111 - RA / EK / CN / "B" / 20111 / FS	111 - RA / EK / CN / "B" / 30111 / FS	27
1 - 2	4.18" + Travel	7.45" + Travel	112 - RA / EK / CN / "B" / 20112 / FS	111 - RA / EK / CN / "B" / 30112 / FS	27
1 - 4	4.18" + Travel	7.45" + Travel	104 - RA / EK / CN / "B" / 20104 / FS	112 - RA / EK / CN / "B" / 30104 / FS	27
1 - 5	4.18" + Travel	7.45" + Travel	105 - RA / EK / CN / "B" / 20105 / FS	104 - RA / EK / CN / "B" / 30105 / FS	27
1 - 6	4.18" + Travel	7.45" + Travel	106 - RA / EK / CN / "B" / 20106 / FS	105 - RA / EK / CN / "B" / 30106 / FS	27
1 - 10	4.22" + Travel	8.14" + Travel	110 - RA / EK / CN / "B" / 20110 / FS	106 - RA / EK / CN / "B" / 30106 / FS	27
1 1/8 - 5	4.28" + Travel	8.14" + Travel	115 - RA / EK / CN / "B" / 20115 / FS	110 - RA / EK / CN / "B" / 30110 / FS	27
1 1/4 - 4	4.47" + Travel	8.39" + Travel	124 - RA / EK / CN / "B" / 20124 / FS	115 - RA / EK / CN / "B" / 30115 / FS	28
1 1/4 - 5	4.69" + Travel	8.84" + Travel	125 - RA / EK / CN / "B" / 20125 / FS	124 - RA / EK / CN / "B" / 30124 / FS	29
1 1/2 - 2	5.24" + Travel	9.84" + Travel	152 - RA / EK / CN / "B" / 20152 / FS	125 - RA / EK / CN / "B" / 30125 / FS	29
1 1/2 - 2 2/3	5.24" + Travel	9.39" + Travel	153 - RA / EK / CN / "B" / 20153 / FS	152 - RA / EK / CN / "B" / 30152 / FS	30
1 1/2 - 4	5.24" + Travel	9.84" + Travel	154 - RA / EK / CN / "B" / 20154 / FS	153 - RA / EK / CN / "B" / 30153 / FS	30
1 1/2 - 5	5.24" + Travel	9.84" + Travel	155 - RA / EK / CN / "B" / 20155 / FS	154 - RA / EK / CN / "B" / 30154 / FS	30
1 1/2 - 10	5.24" + Travel	9.84" + Travel	150 - RA / EK / CN / "B" / 20150 / FS	155 - RA / EK / CN / "B" / 30155 / FS	30

The specifications and data in this publication are believed to be accurate and reliable. However, it is the responsibility of the product user to determine the suitability of Nook Industries products for a specific application. While defective products will be replaced without charge if promptly returned, no liability is assumed beyond such replacement.

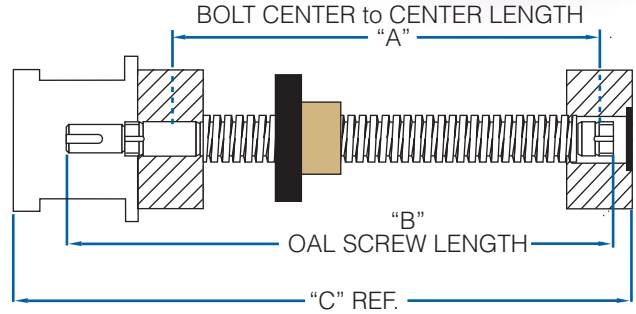


CONVENIENCE AND MODULARITY

These PowerAc™ modular assemblies are pre-engineered and feature a 2-C acme screw, steel mounting flange with choice of nut material, one single and one double bearing EZZE-MOUNT™ support with motor mount. One end of the mounted screw is provided with a drive shaft and keyway for coupling the motor mount assembly.



Use the reference number below to select the assembly that meets the design requirement. See pages 214-218 for EZZE-MOUNT™ information and pages 212-213 for End Machining information.



NOTE: "A" & "B" Dimensions reflect a 1/2" over travel at each end.

INCH ACME SCREW ASSEMBLIES TECHNICAL DATA

DIA-TPI	ADD MEASUREMENT BELOW + TRAVEL			REF. NUMBER BRONZE NUT	REF. NUMBER PLASTIC NUT	MOTOR MOUNT	Page
	BOLT CENTER "A"	O.A.L "B"	"C" REF.				
7/16 - 2	2.75"	4.62"	6.16"	—	042 - RA / U1 / CN / "B" / 30042 / FS	EZM-1008-17	22
7/16 - 4	2.75"	4.62"	6.16"	044 - RA / U1 / CN / "B" / 20044 / FS	044 - RA / U1 / CN / "B" / 30044 / FS	EZM-1008-17	22
1/2 - 1	2.87"	5.23"	7.04"	—	051 - RA / U2 / CN / "B" / 30051 / FS	EZM-1009-23	23
1/2 - 2	2.87"	5.32"	7.04"	052 - RA / U2 / CN / "B" / 20052 / FS	052 - RA / U2 / CN / "B" / 30052 / FS	EZM-3010-23	23
1/2 - 4	2.75"	4.62"	6.16"	054 - RA / U1 / CN / "B" / 20054 / FS	054 - RA / U1 / CN / "B" / 30054 / FS	EZM-1008-17	23
1/2 - 5	2.87"	5.23"	7.04"	055 - RA / U2 / CN / "B" / 20055 / FS	055 - RA / U2 / CN / "B" / 30055 / FS	EZM-1009-23	23
1/2 - 10	2.87"	5.23"	7.04"	050 - RA / U2 / CN / "B" / 20050 / FS	050 - RA / U2 / CN / "B" / 30050 / FS	EZM-1009-23	23
5/8 - 2 2/3	3.12"	5.57"	7.29"	063 - RA / U2 / CN / "B" / 20063 / FS	063 - RA / U2 / CN / "B" / 30063 / FS	EZM-3010-23	24
5/8 - 5	3.12"	5.48"	7.29"	065 - RA / U2 / CN / "B" / 20065 / FS	065 - RA / U2 / CN / "B" / 30065 / FS	EZM-1009-23	24
5/8 - 8	3.12"	5.57"	7.29"	068 - RA / U2 / CN / "B" / 20068 / FS	068 - RA / U2 / CN / "B" / 30068 / FS	EZM-3010-23	24
5/8 - 10	3.38"	6.43"	7.86"	060 - RA / U2 / CN / "B" / 20060 / FS	060 - RA / U2 / CN / "B" / 30060 / FS	EZM-3012-23	24
3/4 - 2	3.63"	6.68"	8.11"	072 - RA / U2 / CN / "B" / 20072 / FS	072 - RA / U2 / CN / "B" / 30072 / FS	EZM-3012-23	25
3/4 - 3	3.63"	6.68"	8.11"	073 - RA / U2 / CN / "B" / 20073 / FS	073 - RA / U2 / CN / "B" / 30073 / FS	EZM-3012-23	25
3/4 - 5	3.63"	6.68"	8.11"	075 - RA / U2 / CN / "B" / 20075 / FS	075 - RA / U2 / CN / "B" / 30075 / FS	EZM-3012-23	25
3/4 - 6	3.63"	6.68"	8.11"	076 - RA / U2 / CN / "B" / 20076 / FS	076 - RA / U2 / CN / "B" / 30076 / FS	EZM-3012-23	25
3/4 - 10	3.63"	6.60"	8.76"	070 - RA / U3 / CN / "B" / 20070 / FS	070 - RA / U3 / CN / "B" / 30070 / FS	EZM-3015-34	25
7/8 - 6	3.88"	6.85"	9.01"	086 - RA / U3 / CN / "B" / 20086 / FS	086 - RA / U3 / CN / "B" / 30086 / FS	EZM-3015-34	26
1 - 1	4.22"	8.14"	10.18"	111 - RA / U3 / CN / "B" / 20111 / FS	111 - RA / U3 / CN / "B" / 30111 / FS	EZM-2020-34	27
1 - 2	4.18"	7.45"	9.75"	112 - RA / U3 / CN / "B" / 20112 / FS	111 - RA / U3 / CN / "B" / 30112 / FS	EZM-3017-34	27
1 - 4	4.18"	7.45"	9.75"	104 - RA / U3 / CN / "B" / 20104 / FS	112 - RA / U3 / CN / "B" / 30104 / FS	EZM-3017-34	27
1 - 5	4.18"	7.45"	9.75"	105 - RA / U3 / CN / "B" / 20105 / FS	104 - RA / U3 / CN / "B" / 30105 / FS	EZM-3017-34	27
1 - 6	4.18"	7.45"	9.75"	106 - RA / U3 / CN / "B" / 20106 / FS	105 - RA / U3 / CN / "B" / 30106 / FS	EZM-3017-34	27
1 - 10	4.22"	8.14"	10.18"	110 - RA / U3 / CN / "B" / 20110 / FS	110 - RA / U3 / CN / "B" / 30110 / FS	EZM-2020-34	27
1 1/8 - 5	4.22"	8.14"	10.18"	115 - RA / U3 / CN / "B" / 20115 / FS	115 - RA / U3 / CN / "B" / 30115 / FS	EZM-2020-34	28
1 1/4 - 4	4.47"	8.39"	10.43"	124 - RA / U3 / CN / "B" / 20124 / FS	124 - RA / U3 / CN / "B" / 30124 / FS	EZM-2020-34	29
1 1/4 - 5	4.69"	8.14"	11.13"	125 - RA / U3 / CN / "B" / 20125 / FS	125 - RA / U3 / CN / "B" / 30125 / FS	EZM-3025-34	29
1 1/2 - 2	5.24"	9.84"	12.21"	152 - RA / U3 / CN / "B" / 20152 / FS	152 - RA / U3 / CN / "B" / 30152 / FS	EZM-2030-34	30
1 1/2 - 2 2/3	5.24"	9.39"	11.68"	153 - RA / U3 / CN / "B" / 20153 / FS	153 - RA / U3 / CN / "B" / 30153 / FS	EZM-3025-34	30
1 1/2 - 4	5.24"	9.84"	12.21"	154 - RA / U3 / CN / "B" / 20154 / FS	154 - RA / U3 / CN / "B" / 30154 / FS	EZM-2030-34	30
1 1/2 - 5	5.24"	9.84"	12.21"	155 - RA / U3 / CN / "B" / 20155 / FS	155 - RA / U3 / CN / "B" / 30155 / FS	EZM-2030-34	30
1 1/2 - 10	5.24"	9.84"	12.21"	150 - RA / U3 / CN / "B" / 20150 / FS	150 - RA / U3 / CN / "B" / 30150 / FS	EZM-2030-34	30

CONVENIENCE AND MODULARITY

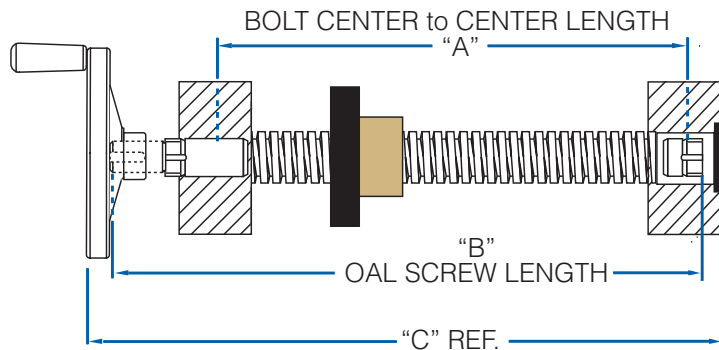
These PowerAc™ modular assemblies are pre-engineered and feature a 2-C acme screw, steel mounting flange with choice of nut material, one single and one double bearing EZZE-MOUNT™ support. Drive end of the mounted screw is provided with a handwheel for manual operation.

Use the reference number below to select the assembly that meets the design requirement. See page 214-218 for EZZE-MOUNT™ information, page 212-213 for End Machining information and page 287 for handwheel dimensional information.

EXAMPLE:

072 - RA / EQ / CN / 29.62 / 20072 / FS

Is a 1/2"-2 Acme Right Hand Alloy Steel Rolled Screw with a Universal Double and a Universal Single EZZE-MOUNT™ overall length of 29.62" with a 3/4"-2 right hand acme nut and a handwheel 4" diameter.



NOTE: "A" & "B" Dimensions reflect a 1/2" over travel at each end.

DIA-TPI	ADD MEASUREMENT BELOW + TRAVEL			REF. NUMBER BRONZE NUT	REF. NUMBER PLASTIC NUT	HANDWHEEL		PAGE
	BOLT CENTER "A"	O.A.L "B"	"C" REF.			SIZE	PART NO.	
5/8 - 10	3.38"	6.43"	7.17"	060 - RA / EQ / CN / "B" / 20060 / FS	060 - RA / EQ / CN / "B" / 30060 / FS	4"	H043*	24
3/4 - 2	3.63"	6.68"	7.42"	072 - RA / EQ / CN / "B" / 20072 / FS	072 - RA / EQ / CN / "B" / 30072 / FS	4"	H043	25
3/4 - 3	3.63"	6.68"	7.42"	073 - RA / EQ / CN / "B" / 20073 / FS	073 - RA / EQ / CN / "B" / 30073 / FS	4"	H043	25
3/4 - 5	3.63"	6.68"	7.42"	075 - RA / EQ / CN / "B" / 20075 / FS	075 - RA / EQ / CN / "B" / 30075 / FS	4"	H043	25
3/4 - 6	3.63"	6.68"	7.42"	076 - RA / EQ / CN / "B" / 20076 / FS	076 - RA / EQ / CN / "B" / 30076 / FS	4"	H043	25
3/4 - 10	3.63"	6.60"	7.31"	070 - RA / EQ / CN / "B" / 20070 / FS	070 - RA / EQ / CN / "B" / 30070 / FS	4"	H044	25
7/8 - 6	3.88"	6.85"	7.81"	086 - RA / EQ / CN / "B" / 20086 / FS	086 - RA / EQ / CN / "B" / 30086 / FS	6"	H064	26
1 - 1	4.22"	8.14"	9.00"	111 - RA / EQ / CN / "B" / 20111 / FS	111 - RA / EQ / CN / "B" / 30111 / FS	6"	H065**	27
1 - 2	4.18"	7.45"	8.59"	112 - RA / EQ / CN / "B" / 20112 / FS	111 - RA / EQ / CN / "B" / 30112 / FS	6"	H064	27
1 - 4	4.18"	7.45"	8.59"	104 - RA / EQ / CN / "B" / 20104 / FS	112 - RA / EQ / CN / "B" / 30104 / FS	6"	H064	27
1 - 5	4.18"	7.45"	8.59"	105 - RA / EQ / CN / "B" / 20105 / FS	104 - RA / EQ / CN / "B" / 30105 / FS	6"	H064	27
1 - 6	4.18"	7.45"	8.59"	106 - RA / EQ / CN / "B" / 20106 / FS	105 - RA / EQ / CN / "B" / 30106 / FS	6"	H064	27
1 - 10	4.22"	8.14"	9.00"	110 - RA / EQ / CN / "B" / 20110 / FS	110 - RA / EQ / CN / "B" / 30110 / FS	6"	H065**	27
1 1/8 - 5	4.22"	8.14"	9.00"	115 - RA / EQ / CN / "B" / 20115 / FS	115 - RA / EQ / CN / "B" / 30115 / FS	6"	H065**	28
1 1/4 - 4	4.47"	8.39"	9.25"	124 - RA / EQ / CN / "B" / 20124 / FS	124 - RA / EQ / CN / "B" / 30124 / FS	6"	H065**	29
1 1/4 - 5	4.69"	8.14"	9.89"	125 - RA / EQ / CN / "B" / 20125 / FS	125 - RA / EQ / CN / "B" / 30125 / FS	8"	H086	29
1 1/2 - 2	5.24"	9.84"	10.85"	152 - RA / EQ / CN / "B" / 20152 / FS	152 - RA / EQ / CN / "B" / 30152 / FS	8"	H088	30
1 1/2 - 2 2/3	5.24"	9.39"	10.44"	153 - RA / EQ / CN / "B" / 20153 / FS	153 - RA / EQ / CN / "B" / 30153 / FS	8"	H086	30
1 1/2 - 4	5.24"	9.84"	10.85"	154 - RA / EQ / CN / "B" / 20154 / FS	154 - RA / EQ / CN / "B" / 30154 / FS	8"	H088	30
1 1/2 - 5	5.24"	9.84"	10.85"	155 - RA / EQ / CN / "B" / 20155 / FS	155 - RA / EQ / CN / "B" / 30155 / FS	8"	H088	30
1 1/2 - 10	5.24"	9.84"	10.85"	150 - RA / EQ / CN / "B" / 20150 / FS	150 - RA / EQ / CN / "B" / 30150 / FS	8"	H088	30

* Indicates modified Type III End Machining required.

** H065 handwheel has the same outer dimensions as H064, but different bore.

Other combinations of screw assemblies and handwheels are available upon request.



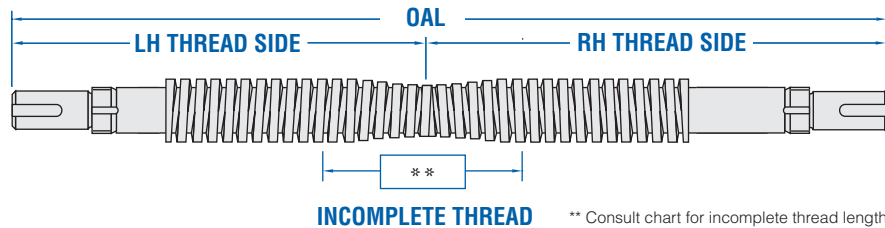
Twin-lead acme screws offer dual opposing motion using a single drive system. These one-piece high performance acme screws are made from high alloy steel that is black oxidized for protection. Twin-lead acme screw assemblies can be assembled with Nook PowerAc™ acme nuts, flanges and EZZE-MOUNT™ (see page 212-213) bearing supports to form cost effective systems. Twin-lead acme screws can be used in molding machines, packaging equipment, food processing machinery, robotics, material handling equipment, tire manufacturing and assembly applications.



Twin-Lead screws are stocked for immediate delivery without machined ends in the sizes and are highlighted in the chart below. To order a twin-lead cut to a custom length and/or with machined ends, select a size from the Twin-Lead Chart, determine OAL, LH and RH thread length, nut, flange and, if required, EZZE-MOUNT™ bearing support.

Consult the Twin-Lead Reference Number System on the next page to complete your part number.

- Lead accuracy of 0.004"/foot
- For 0.002"/foot lead accuracy contact Nook Industries customer service. 800-321-7800



** Consult chart for incomplete thread length

Measurements in inches Stock Sizes highlighted in BLUE

SCREW SIZE DIA-LEAD	ROOT DIA. (min)	MAX OVERALL LENGTH	MAX USEABLE LH & RH THREAD	INCOMPLETE OVERLAPPING THREAD LENGTH	PAGE
1/4 - 16	.162	36	17.25	1.50	18
3/8 - 6	.263	36	17.00	2.00	21
3/8 - 12	.263	36	17.00	1.50	21
1/2 - 10	.359	36	17.00	2.00	23
5/8 - 2 ² / ₃	.457	36	16.75	2.50	24
5/8 - 5	.377	36	16.75	2.50	24
5/8 - 8	.457	36	16.50	2.00	24
3/4 - 3	.537	72	34.50	3.00	25
3/4 - 5	.502	72	34.50	3.00	25
3/4 - 6	.537	72	34.50	3.00	25
3/4 - 10	.608	72	34.50	2.50	25
7/8 - 6	.661	72	34.50	3.00	26
1 - 1	.906	72	34.50	3.00	27
1 - 2	.698	72	34.25	3.50	27
1 - 4	.698	72	34.25	3.50	27
1 - 5	.750	72	34.25	3.50	27
1 - 6	.786	72	34.50	3.00	27
1 - 10	.857	72	34.50	2.50	27

SCREW SIZE DIA-LEAD	ROOT DIA. (min)	MAX OVERALL LENGTH	MAX USEABLE LH & RH THREAD	INCOMPLETE OVERLAPPING THREAD LENGTH	PAGE
1 1/8 - 5	.875	72	34.25	3.50	28
1 1/4 - 4	.947	144	70.25	3.50	29
1 1/4 - 5	.999	144	70.25	3.50	29
1 1/2 - 2	1.196	144	70.25	3.50	30
1 1/2 - 2 ² / ₃	1.066	144	70.00	4.00	30
1 1/2 - 4	1.196	144	70.00	3.50	30
1 1/2 - 5	1.249	144	70.25	3.50	30
1 1/2 - 10	1.355	144	70.50	2.50	30
1 3/4 - 4	1.427	144	70.00	4.00	31
2 - 2	1.410	144	69.50	6.00	32
2 - 4	1.694	144	70.00	4.00	32
2 - 5	1.747	144	70.00	3.50	32
2 1/4 - 2	1.684	144	69.00	6.00	33
2 1/4 - 4	1.944	144	70.00	4.00	33
2 1/2 - 2	1.908	144	69.00	6.00	34
2 1/2 - 3	2.106	144	69.00	4.50	34
2 1/2 - 4	2.193	144	70.00	4.00	34
3 - 2	2.410	144	69.00	6.00	35

INCH TWIN-LEAD ACME SCREW ASSEMBLIES TECHNICAL DATA

105 - TA / EK / 4N / 33.50 / 16.75 / 16.75 / 80105A / 20105A / FS

TWIN-LEAD ACME SCREW

Thread Form Codes

CODE	Dia. - Lead	CODE	Dia. - Lead	CODE	Dia. - Lead	CODE	Dia. - Lead
026	= 1/4"-16*	086	= 7/8"-6	153	= 1-1/2"-2 2/3	253	= 2-1/2"-3
032	= 3/8"-12*	112	= 1"-2	154	= 1-1/2"-4*	254	= 2-1/2"-4
036	= 3/8"-6	104	= 1"-4	155	= 1-1/2"-5	302	= 3"-2
050	= 1/2"-10	105	= 1"-5*	150	= 1-1/2"-10		
063	= 5/8"-2 2/3	106	= 1"-6	174	= 1-3/4"-4		
065	= 5/8"-5	110	= 1"-10*	202	= 2"-2		
068	= 5/8"-8*	111	= 1"-1	204	= 2"-4*		
073	= 3/4"-3	115	= 1-1/8"-5	205	= 2"-5		
075	= 3/4"-5*	124	= 1-1/4"-4	222	= 2-1/4"-2		
076	= 3/4"-6	125	= 1-1/4"-5*	224	= 2-1/4"-4		
070	= 3/4"-10	152	= 1-1/2"-2	252	= 2-1/2"-2		

* These twin-lead screws are stocked without end machining

MATERIAL

T A	MATERIAL	T	U
T	A = Alloy Steel - Rolled	T = Stainless Steel - Milled	U = Stainless Steel - Ground
	B = Alloy Steel - Milled		
	C = Alloy Steel - Ground		
	S = Stainless Steel - Rolled		

NOTE: Not all materials/threads are available for all sizes.

FIRST END CONFIGURATION

EZZE-MOUNT™ / End Machining

(see page 214 & 212)

- 1 = Type 1
- 2 = Type 2
- 3 = Type 3
- 4 = Type 4

B = Universal Double Bearing Support End Cap Facing Screw Thread

C = Universal Single Bearing Support

D = Flanged Single Bearing Support Flange Facing Screw Thread

E = Universal Double Bearing Support End Cap Facing Away From Screw Thread

F = Flanged Double Bearing Support Flange Facing Screw Thread

G = Flanged Single Bearing Support Flange Facing Away From Screw Thread

H = Flanged Double Bearing Support Flange Facing Away From Screw Thread

U = Universal Double Bearing Support with Motor Mount (see page 217)

Y = Flanged Double Bearing Support with Motor Mount (see page 218)

00 = No End Machining (Screw will be cut to desired length).

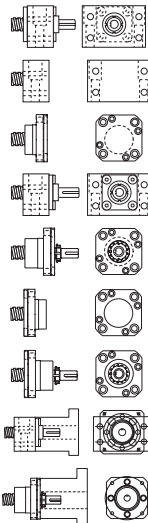
XX = Custom Machining (Print or specified data must be provided).

EK

EK = Universal Double Bearing Support, with Keyway

Shaft Extension
(see page 212)

- K** = Shaft Extension with Keyway
- L** = Shaft Extension without Keyway
- N** = No Shaft Extension



NOTE: Both Ends must be specified.

Single Bearing Supports are used in conjunction with Type 1N end machining.

Double Bearing Supports are used in conjunction with Type 3K, 3L, or 3N end machining.

SECOND END CONFIGURATION

Refer to the First End Configuration section above.

NOTE: Both Ends must be specified.

OVER - ALL - LENGTH (OAL)

Length in inches, 2 place decimal

LEFT HAND THREAD

Length in inches, 2 place decimal. **NOTE:** See figure on page 44

RIGHT HAND THREAD

Length in inches, 2 place decimal. **NOTE:** See figure on page 44

LEFT HAND ACME NUT

000000 = No Nut

RIGHT HAND ACME NUT

000000 = No Nut

MODIFIER LIST

S or M Required

S = Standard, no additional description required

M = Modified, additional description required

F Optional

F = Round Flange

The specifications and data in this publication are believed to be accurate and reliable. However, it is the responsibility of the product user to determine the suitability of Nook Industries products for a specific application. While defective products will be replaced without charge if promptly returned, no liability is assumed beyond such replacement.