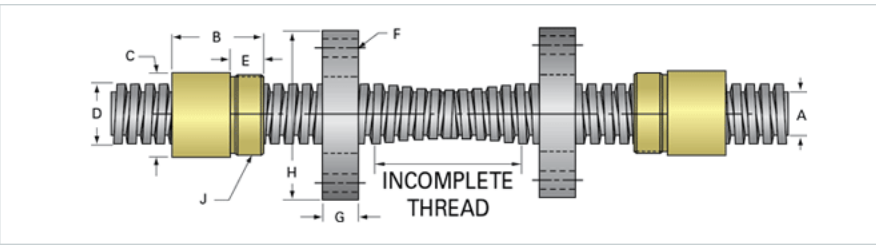


## PowerAC 1 3/4"-4 TA w/Bronze Nut

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your PowerAC 1 3/4"-4 TA w/Bronze Nut today!



### Rolled Inch Twin-Lead Acme Screw (Twin-Lead Screw)Product Info

Screw Code	174 TA
Screw Direction	RH/LH
Screw Material	4140 Series

### (Twin-Lead Screw)Details

Lead [in]	0.250
Starts	1
Pitch [in]	0.250
Turns Per Inch	4
Threads per Inch	4
Thread Code	174
Form	2C
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	35
End Code for Type 4 [* Journals may show tracings of the thread]	19

### (Twin-Lead Screw)Dimensions

A - Root Diameter Minimum [in]	1.427
D - Nominal Rod Diameter [in]	1.750
Incomplete Overlapping Thread Length [in]	3.00
Maximum Overall Length [in]	144
Maximum Useable LH & RH Thread [in]	70.50

### (Twin-Lead Screw)Weight

Weight Per Foot [lb]	6.97
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### (Twin-Lead Screw)Part Numbers

36" Part Number	
72" Part Number	
144" Part Number	

### (Twin-Lead Screw)Performance Specifications

Lead Accuracy +/- [in/in]	0.0003
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### Inch Acme Nut with Optional Flange

#### (Nut)Product Info

Part Number	80174
Thread Direction	LH
Type	Bronze

#### (Nut)Details

Lead [in]	0.250
Starts	1
Pitch [in]	0.250
Turns Per Inch	4
Lash (Maximum Axial) [in]	0.011
Nominal Rod Diameter [in]	1.750
Threads per Inch	4
Thread Code	174
Form	2C

#### (Nut)Dimensions

B [in]	2.50
C [in]	2.75
E [in]	0.88
F (n) Dia. [in]	(4) .531
F BCD [in]	4.062
G [in]	0.90
H [in]	4.94
J [in]	2.548-18

#### (Nut)Forces and Torques

Torque to Raise 1 lb. [in-lb]	0.153
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#### (Nut)Flange Part Numbers

Flange No-Lash Part Number	73500
Flange Part Number	FLG7573

#### (Nut)Weight

Flange Weight [lb]	4.73
Nut Weight [lb]	3.05

<b>(Nut)Performance Specifications</b>	
Efficiency [%]	26
Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	15312
Static Load Capacity [lb]	49900
<b>(Nut on Other Side)Product Info</b>	
Part Number	20174
Thread Direction	RH
Type	Bronze
<b>(Nut on Other Side)Details</b>	
Lead [in]	0.250
Starts	1
Pitch [in]	0.250
Turns Per Inch	4
Lash (Maximum Axial) [in]	0.011
Nominal Rod Diameter [in]	1.750
Threads per Inch	4
Thread Code	174
Form	2C
<b>(Nut on Other Side)Dimensions</b>	
B [in]	2.50
C [in]	2.75
E [in]	0.88
F (n) Dia. [in]	(4) .531
F BCD [in]	4.062
G [in]	0.90
H [in]	4.94
J [in]	2.548-18
<b>(Nut on Other Side)Forces and Torques</b>	
Torque to Raise 1 lb. [in-lb]	0.153
<b>(Nut on Other Side)Flange Part Numbers</b>	
Flange No-Lash Part Number	73500
Flange Part Number	FLG7573
<b>(Nut on Other Side)Weight</b>	
Flange Weight [lb]	4.73
Nut Weight [lb]	3.05
<b>(Nut on Other Side)Performance Specifications</b>	
Efficiency [%]	26
Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	15312
Static Load Capacity [lb]	49900