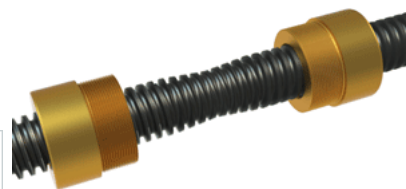
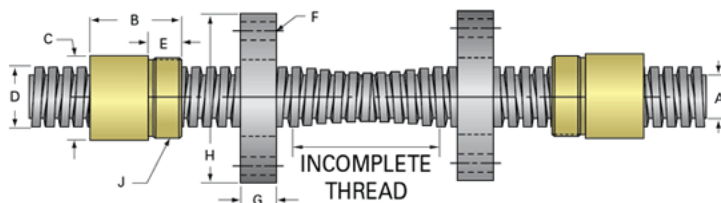


PowerAC 1 1/4"-4 TA w/Bronze Nut

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

Screw Code	124 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	124
Form	2C
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	20
End Code for Type 4 [* Journals may show tracings of the thread]	12

(Twin-Lead Screw)Dimensions

A - Root Diameter Minimum [in]	0.947
D - Nominal Rod Diameter [in]	1.250
Incomplete Overlapping Thread Length [in]	2.50
Maximum Overall Length [in]	144
Maximum Useable LH & RH Thread [in]	70.75

(Twin-Lead Screw)Weight

Weight Per Foot [lb]	3.34
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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	80124
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]	1.250
Threads per Inch	4
Thread Code	124
Form	2C

(Nut)Dimensions

B [in]	1.75
C [in]	2.13
E [in]	0.81
F (n) Dia. [in]	(4) .397
F BCD [in]	3.440
G [in]	0.83
H [in]	4.20
J [in]	1.967-18

(Nut)Forces and Torques

Torque to Raise 1 lb. [in-lb]	0.117
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(Nut)Flange Part Numbers

Flange No-Lash Part Number	73420
Flange Part Number	FLG7572

(Nut)Weight

Flange Weight [lb]	3.19
Nut Weight [lb]	1.32

(Nut)Performance Specifications		
Efficiency [%]		34
Lead Accuracy +/- [in/in]		0.0003
Dynamic Load Capacity [lb]		7812
Static Load Capacity [lb]		25000
(Nut on Other Side)Product Info		
Part Number		20124
Thread Direction		RH
Type		Bronze
(Nut on Other Side)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]		1.250
Threads per Inch		4
Thread Code		124
Form		2C
(Nut on Other Side)Dimensions		
B [in]		1.75
C [in]		2.13
E [in]		0.81
F (n) Dia. [in]		(4) .397
F BCD [in]		3.440
G [in]		0.83
H [in]		4.20
J [in]		1.967-18
(Nut on Other Side)Forces and Torques		
Torque to Raise 1 lb. [in-lb]		0.117
(Nut on Other Side)Flange Part Numbers		
Flange No-Lash Part Number		73420
Flange Part Number		FLG7572
(Nut on Other Side)Weight		
Flange Weight [lb]		3.19
Nut Weight [lb]		1.32
(Nut on Other Side)Performance Specifications		
Efficiency [%]		34
Lead Accuracy +/- [in/in]		0.0003
Dynamic Load Capacity [lb]		7812
Static Load Capacity [lb]		25000