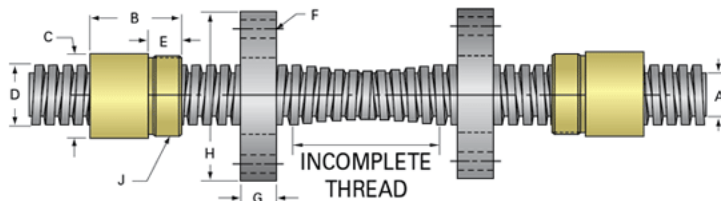


PowerAC 1"-1 TA w/Bronze Nut

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerAC 1"-1 TA w/Bronze Nut today!



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

Screw Code	111 TA
Screw Direction	RH/LH
Screw Material	4140 Series

(Twin-Lead Screw)Details

Lead [in]	1.000
Starts	10
Pitch [in]	0.100
Turns Per Inch	1
Threads per Inch	10
Thread Code	111
Form	Stub
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]	0.906
D - Nominal Rod Diameter [in]	1.000
Incomplete Overlapping Thread Length [in]	2.00
Maximum Overall Length [in]	72
Maximum Useable LH & RH Thread [in]	35.00

(Twin-Lead Screw)Weight

Weight Per Foot [lb]	2.38
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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	80111
Thread Direction	LH
Type	Bronze

(Nut)Details

Lead [in]	1.000
Starts	10
Pitch [in]	0.100
Turns Per Inch	1
Lash (Maximum Axial) [in]	0.008
Nominal Rod Diameter [in]	1.000
Threads per Inch	10
Thread Code	111
Form	Stub

(Nut)Dimensions

B [in]	1.50
C [in]	1.50
E [in]	0.50
F (n) Dia. [in]	(4) .266
F BCD [in]	2.260
G [in]	0.52
H [in]	2.76
J [in]	1.375-16

(Nut)Forces and Torques

Torque to Raise 1 lb. [in-lb]	0.231
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(Nut)Flange Part Numbers

Flange No-Lash Part Number	73275
Flange Part Number	FLG8281

(Nut)Weight

Flange Weight [lb]	0.85
Nut Weight [lb]	0.46

(Nut)Performance Specifications		
Efficiency [%]		69
Lead Accuracy +/- [in/in]		0.0003
Dynamic Load Capacity [lb]		5000
Static Load Capacity [lb]		16000
(Nut on Other Side)Product Info		
Part Number		20111
Thread Direction		RH
Type		Bronze
(Nut on Other Side)Details		
Lead [in]		1.000
Starts		10
Pitch [in]		0.100
Turns Per Inch		1
Lash (Maximum Axial) [in]		0.008
Nominal Rod Diameter [in]		1.000
Threads per Inch		10
Thread Code		111
Form		Stub
(Nut on Other Side)Dimensions		
B [in]		1.50
C [in]		1.50
E [in]		0.50
F (n) Dia. [in]		(4) .266
F BCD [in]		2.260
G [in]		0.52
H [in]		2.76
J [in]		1.375-16
(Nut on Other Side)Forces and Torques		
Torque to Raise 1 lb. [in-lb]		0.231
(Nut on Other Side)Flange Part Numbers		
Flange No-Lash Part Number		73275
Flange Part Number		FLG8281
(Nut on Other Side)Weight		
Flange Weight [lb]		0.85
Nut Weight [lb]		0.46
(Nut on Other Side)Performance Specifications		
Efficiency [%]		69
Lead Accuracy +/- [in/in]		0.0003
Dynamic Load Capacity [lb]		5000
Static Load Capacity [lb]		16000