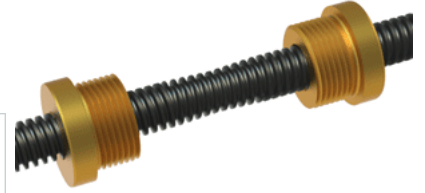
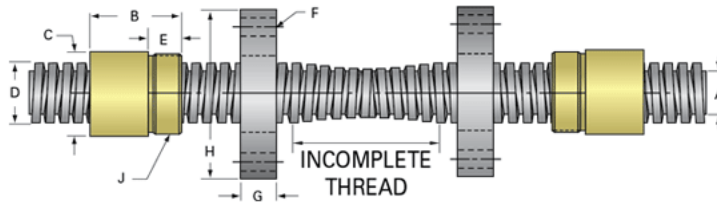


PowerAC 1/2"-10 TA w/Bronze Nut

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Rolled Inch Twin-Lead Acme Screw

Product Info

Screw Code	050 TA
Screw Direction	RH/LH
Screw Material	4140 Series

Details

Lead [in]	0.100
Starts	1
Pitch [in]	0.100
Turns Per Inch	10
Threads per Inch	10
Thread Code	050
Form	2C
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	9
End Code for Type 4 [* Journals may show tracings of the thread]	6*

Dimensions

A - Root Diameter Minimum [in]	0.359
D - Nominal Rod Diameter [in]	0.500
Incomplete Overlapping Thread Length [in]	1.25
Maximum Overall Length [in]	36
Maximum Useable LH & RH Thread [in]	17.38

Weight

Weight Per Foot [lb]	0.53
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Part Numbers

36" Part Number	TL1/2-10RS 36
72" Part Number	
144" Part Number	

Performance Specifications

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

Product Info

Part Number	80050
Thread Direction	LH
Type	Bronze

Details

Lead [in]	0.100
Starts	1
Pitch [in]	0.100
Turns Per Inch	10
Lash (Maximum Axial) [in]	0.007
Nominal Rod Diameter [in]	0.500
Threads per Inch	10
Thread Code	050
Form	2C

Dimensions

B [in]	0.75
C [in]	1.12
E [in]	0.50
F (n) Dia. [in]	(4) .266
F BCD [in]	2.090
G [in]	0.53
H [in]	2.60
J [in]	.937-16

Forces and Torques

Torque to Raise 1 lb. [in-lb]	0.047
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Flange Part Numbers

Flange No-Lash Part Number	
Flange Part Number	FLG7570

Weight

Flange Weight [lb]	0.77
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Nut Weight [lb]	0.18
Performance Specifications	
Efficiency [%]	34
Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	1250
Static Load Capacity [lb]	4000
Inch Acme Nut with Optional Flange	
Product Info	
Part Number	20050
Thread Direction	RH
Type	Bronze
Details	
Lead [in]	0.100
Starts	1
Pitch [in]	0.100
Turns Per Inch	10
Lash (Maximum Axial) [in]	0.007
Nominal Rod Diameter [in]	0.500
Threads per Inch	10
Thread Code	050
Form	2C
Dimensions	
B [in]	0.75
C [in]	1.12
E [in]	0.50
F (n) Dia. [in]	(4) .266
F BCD [in]	2.090
G [in]	0.53
H [in]	2.60
J [in]	.937-16
Forces and Torques	
Torque to Raise 1 lb. [in-lb]	0.047
Flange Part Numbers	
Flange No-Lash Part Number	
Flange Part Number	FLG7570
Weight	
Flange Weight [lb]	0.77
Nut Weight [lb]	0.18
Performance Specifications	
Efficiency [%]	34
Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	1250
Static Load Capacity [lb]	4000