

PowerAC 1"-4 LA w/Bronze Nut

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Rolled Inch Acme Screw

Product Info

Screw Code	104-LA
Thread Direction	LH
Screw Material	4140 Series

Details

Lead [in]	0.250
Starts	1
Pitch [in]	0.250
Turns Per Inch	4
Threads per Inch	4
Thread Code	104
Form	2C
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	17
End Code for Type 4 [* Journals may show tracings of the thread]	10

Dimensions

A - Root Diameter Minimum [in]	0.698
D - Nominal Rod Diameter [in]	1.000

Part Numbers

3 ft. Part Number	51104
6 ft. Part Number	52104
12 ft. Part Number	53104
20 ft. Part Number	

Performance Specifications

Lead Accuracy +/- [in/in]	0.0003
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Weight

Screw Weight [lb./ft.]	2.22
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Inch Acme Nut with Optional Flange

Product Info

Part Number	80104
Thread Direction	LH
Type	Bronze

Details

Lead [in]	0.250
Starts	1
Pitch [in]	0.250
Turns Per Inch	4
Lash (Maximum Axial) [in]	0.010
Nominal Rod Diameter [in]	1.000
Threads per Inch	4
Thread Code	104
Form	2C

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

Forces and Torques

Torque to Raise 1 lb. [in-lb]	0.105
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Flange Part Numbers

Flange No-Lash Part Number	73275
Flange Part Number	FLG8281

Weight

Flange Weight [lb]	0.85
Nut Weight [lb]	0.52

Performance Specifications

Efficiency [%]	38
Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	5000
Static Load Capacity [lb]	16000