

PowerAC 1 1/2"-2 2/3 LA w/Bronze Nut

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Rolled Inch Acme Screw

(Screw)Product Info

Screw Code	153-LA
Thread Direction	LH
Screw Material	4140 Series

(Screw)Details

Lead [in]	0.375
Starts	1
Pitch [in]	0.375
Turns Per Inch	2.667
Threads per Inch	2.66666666667
Thread Code	153
Form	40
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	25
End Code for Type 4 [* Journals may show tracings of the thread]	16

(Screw)Dimensions

A - Root Diameter Minimum [in]	1.066
D - Nominal Rod Diameter [in]	1.500

(Screw)Part Numbers

3 ft. Part Number	51153
6 ft. Part Number	52153
12 ft. Part Number	53153
20 ft. Part Number	

(Screw)Performance Specifications

Lead Accuracy +/- [in/in]	0.0003
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(Screw)Weight

Screw Weight [lb./ft.]	4.55
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Inch Acme Nut with Optional Flange

(Nut)Product Info

Part Number	80153
Thread Direction	LH
Type	Bronze

(Nut)Details

Lead [in]	0.375
Starts	1
Pitch [in]	0.375
Turns Per Inch	2.67
Lash (Maximum Axial) [in]	0.010
Nominal Rod Diameter [in]	1.500
Threads per Inch	2.67
Thread Code	153
Form	40

(Nut)Dimensions

B [in]	2.30
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]	0.149
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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]	1.49

(Nut)Performance Specifications

Efficiency [%]	40
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Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	11250
Static Load Capacity [lb]	36000