

PowerAC 3/4"-2 RA w/Bronze Nut

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Rolled Inch Acme Screw

(Screw)Product Info

Screw Code	072-RA
Thread Direction	RH
Screw Material	4140 Series

(Screw)Details

Lead [in]	0.500
Starts	4
Pitch [in]	0.125
Turns Per Inch	2
Threads per Inch	8
Thread Code	072
Form	2C
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	12
End Code for Type 4 [* Journals may show tracings of the thread]	8

(Screw)Dimensions

A - Root Diameter Minimum [in]	0.581
D - Nominal Rod Diameter [in]	0.750

(Screw)Part Numbers

3 ft. Part Number	11072
6 ft. Part Number	12072
12 ft. Part Number	13072
20 ft. Part Number	

(Screw)Performance Specifications

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

Screw Weight [lb./ft.]	1.18
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Inch Acme Nut with Optional Flange

(Nut)Product Info

Part Number	20072
Thread Direction	RH
Type	Bronze

(Nut)Details

Lead [in]	0.500
Starts	4
Pitch [in]	0.125
Turns Per Inch	2
Lash (Maximum Axial) [in]	0.010
Nominal Rod Diameter [in]	0.750
Threads per Inch	8
Thread Code	072
Form	2C

(Nut)Dimensions

B [in]	1.25
C [in]	1.13
E [in]	0.50
F (n) Dia. [in]	(4) .266
F BCD [in]	2.090
G [in]	0.53
H [in]	2.63
J [in]	1.000-18

(Nut)Forces and Torques

Torque to Raise 1 lb. [in-lb]	0.129
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(Nut)Flange Part Numbers

Flange No-Lash Part Number	73262
Flange Part Number	70262

(Nut)Weight

Flange Weight [lb]	0.78
Nut Weight [lb]	0.23

(Nut)Performance Specifications

Efficiency [%]	62
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Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	2812
Static Load Capacity [lb]	9000