

PowerAC 1/2"-1 RA w/Plastic Nut

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Rolled Inch Acme Screw

Product Info

Screw Code	051-RA
Thread Direction	RH
Screw Material	4140 Series

Details

Lead [in]	1.000
Starts	8
Pitch [in]	0.125
Turns Per Inch	1
Threads per Inch	8
Thread Code	051
Form	Stub
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]	0.392
D - Nominal Rod Diameter [in]	0.500

Part Numbers

3 ft. Part Number	11051
6 ft. Part Number	12051
12 ft. Part Number	13051
20 ft. Part Number	

Performance Specifications

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

Screw Weight [lb./ft.]	0.53
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Inch Acme Nut with Optional Flange

Product Info

Part Number	30051
Thread Direction	RH
Type	Plastic

Details

Lead [in]	1.000
Starts	8
Pitch [in]	0.125
Turns Per Inch	1
Lash (Maximum Axial) [in]	0.007
Nominal Rod Diameter [in]	0.500
Threads per Inch	8
Thread Code	051
Form	Stub

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]	0.106
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Flange Part Numbers

Flange No-Lash Part Number	
Flange Part Number	FLG7570

Weight

Flange Weight [lb]	0.77
Nut Weight [lb]	0.03

Performance Specifications

Efficiency [%]	75
Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	625
Static Load Capacity [lb]	625