

PowerAC 1"-5 RA w/Plastic Nut

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Rolled Inch Acme Screw

Product Info

Screw Code	105-RA
Thread Direction	RH
Screw Material	4140 Series

Details

Lead [in]	0.200
Starts	1
Pitch [in]	0.200
Turns Per Inch	5
Threads per Inch	5
Thread Code	105
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]	0.750
D - Nominal Rod Diameter [in]	1.000

Part Numbers

3 ft. Part Number	11105
6 ft. Part Number	12105
12 ft. Part Number	13105
20 ft. Part Number	

Performance Specifications

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

Screw Weight [lb./ft.]	2.16
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Inch Acme Nut with Optional Flange

Product Info

Part Number	30105
Thread Direction	RH
Type	Plastic

Details

Lead [in]	0.200
Starts	1
Pitch [in]	0.200
Turns Per Inch	5
Lash (Maximum Axial) [in]	0.009
Nominal Rod Diameter [in]	1.000
Threads per Inch	5
Thread Code	105
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]	0.079
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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]	0.07

Performance Specifications

Efficiency [%]	40
Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	2500
Static Load Capacity [lb]	2500