

## PowerAC 3/8"-8 RA w/Plastic Nut

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### Rolled Inch Acme Screw

#### Product Info

Screw Code	038-RA
Thread Direction	RH
Screw Material	4140 Series

#### Details

Lead [in]	0.125
Starts	1
Pitch [in]	0.125
Turns Per Inch	8
Threads per Inch	8
Thread Code	038
Form	Stub
End Code for Types 1,2,3,5 [* Journals may show tracings of the thread]	7
End Code for Type 4 [* Journals may show tracings of the thread]	4

#### Dimensions

A - Root Diameter Minimum [in]	0.278
D - Nominal Rod Diameter [in]	0.375

#### Part Numbers

3 ft. Part Number	11038
6 ft. Part Number	12038
12 ft. Part Number	
20 ft. Part Number	

#### Performance Specifications

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

Screw Weight [lb./ft.]	0.29
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### Inch Acme Nut with Optional Flange

#### Product Info

Part Number	30038
Thread Direction	RH
Type	Plastic

#### Details

Lead [in]	0.125
Starts	1
Pitch [in]	0.125
Turns Per Inch	8
Lash (Maximum Axial) [in]	0.009
Nominal Rod Diameter [in]	0.375
Threads per Inch	8
Thread Code	038
Form	Stub

#### Dimensions

B [in]	0.62
C [in]	0.68
E [in]	0.38
F (n) Dia. [in]	(4) .270
F BCD [in]	1.250
G [in]	0.41
H [in]	1.61
J [in]	.562-18

#### Forces and Torques

Torque to Raise 1 lb. [in-lb]	0.037
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#### Flange Part Numbers

Flange No-Lash Part Number	
Flange Part Number	70160

#### Weight

Flange Weight [lb]	0.23
Nut Weight [lb]	0.01

#### Performance Specifications

Efficiency [%]	54
Lead Accuracy +/- [in/in]	0.0003
Dynamic Load Capacity [lb]	351
Static Load Capacity [lb]	351