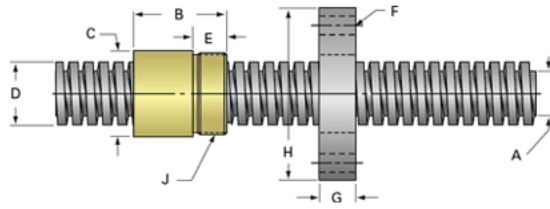


## PowerAC 5/16"-4 RA w/Plastic Nut

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your PowerAC 5/16"-4 RA w/Plastic Nut today!



### Rolled Inch Acme Screw

#### Product Info

|                  |             |
|------------------|-------------|
| Screw Code       | 028-RA      |
| Thread Direction | RH          |
| Screw Material   | 4140 Series |

#### Details

|   |       |
|---|-------|
| Lead [in]   | 0.250 |
| Starts  | 2     |
| Pitch [in]  | 0.125 |
| Turns Per Inch  | 4     |
| Threads per Inch  | 8     |
| Thread Code   | 028   |
| Form  | Stub  |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 5     |
| End Code for Type 4 [* Journals may show tracings of the thread]        | 2     |

#### Dimensions

|                                |       |
|--------------------------------|-------|
| A - Root Diameter Minimum [in] | 0.216 |
| D - Nominal Rod Diameter [in]  | 0.313 |

#### Part Numbers

|                    |       |
|--------------------|-------|
| 3 ft. Part Number  | 11028 |
| 6 ft. Part Number  | 12028 |
| 12 ft. Part Number |       |
| 20 ft. Part Number |       |

#### Performance Specifications

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

#### Weight

|                        |      |
|------------------------|------|
| Screw Weight [lb./ft.] | 0.18 |
|------------------------|------|

### Inch Acme Nut with Optional Flange

#### Product Info

|                  |         |
|------------------|---------|
| Part Number      | 30028   |
| Thread Direction | RH      |
| Type             | Plastic |

#### Details

|                           |       |
|---------------------------|-------|
| Lead [in]                 | 0.250 |
| Starts                    | 2     |
| Pitch [in]                | 0.125 |
| Turns Per Inch            | 4     |
| Lash (Maximum Axial) [in] | 0.008 |
| Nominal Rod Diameter [in] | 0.313 |
| Threads per Inch          | 8     |
| Thread Code               | 028   |
| Form                      | Stub  |

#### Dimensions

|                 |          |
|-----------------|----------|
| B [in]          | 0.62     |
| C [in]          | 0.68     |
| E [in]          | 0.38     |
| F (n) Dia. [in] | (4) .269 |
| 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] | 0.054 |
|-------------------------------|-------|

#### 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 [%]             | 73     |
| Lead Accuracy +/- [in/in]  | 0.0003 |
| Dynamic Load Capacity [lb] | 205    |
| Static Load Capacity [lb]  | 205    |