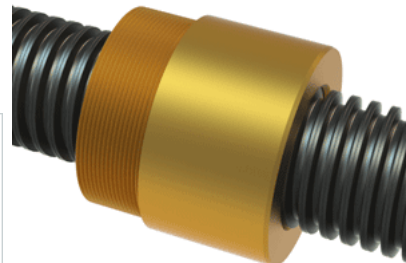
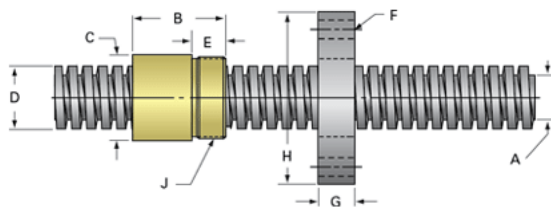


## PowerAC 1 3/4"-4 RA w/Bronze Nut

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your PowerAC 1 3/4"-4 RA w/Bronze Nut today!



### Rolled Inch Acme Screw

#### (Screw)Product Info

|                  |             |
|------------------|-------------|
| Screw Code       | 174-RA      |
| Thread Direction | RH          |
| Screw Material   | 4140 Series |

#### (Screw)Details

|                                                                         |       |
|-------------------------------------------------------------------------|-------|
| Lead [in]                                                               | 0.250 |
| Starts                                                                  | 1     |
| Pitch [in]                                                              | 0.250 |
| Turns Per Inch                                                          | 4     |
| Threads per Inch                                                        | 4     |
| Thread Code                                                             | 174   |
| Form                                                                    | 2C    |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 35    |
| End Code for Type 4 [* Journals may show tracings of the thread]        | 19    |

#### (Screw)Dimensions

|                                |       |
|--------------------------------|-------|
| A - Root Diameter Minimum [in] | 1.427 |
| D - Nominal Rod Diameter [in]  | 1.750 |

#### (Screw)Part Numbers

|                    |       |
|--------------------|-------|
| 3 ft. Part Number  | 11174 |
| 6 ft. Part Number  | 12174 |
| 12 ft. Part Number | 13174 |
| 20 ft. Part Number |       |

#### (Screw)Performance Specifications

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

#### (Screw)Weight

|                        |      |
|------------------------|------|
| Screw Weight [lb./ft.] | 6.97 |
|------------------------|------|

### Inch Acme Nut with Optional Flange

#### (Nut)Product Info

|                  |        |
|------------------|--------|
| Part Number      | 20174  |
| Thread Direction | RH     |
| Type             | Bronze |

#### (Nut)Details

|                           |       |
|---------------------------|-------|
| Lead [in]                 | 0.250 |
| Starts                    | 1     |
| Pitch [in]                | 0.250 |
| Turns Per Inch            | 4     |
| Lash (Maximum Axial) [in] | 0.011 |
| Nominal Rod Diameter [in] | 1.750 |
| Threads per Inch          | 4     |
| Thread Code               | 174   |
| Form                      | 2C    |

#### (Nut)Dimensions

|                 |          |
|-----------------|----------|
| B [in]          | 2.50     |
| C [in]          | 2.75     |
| E [in]          | 0.88     |
| F (n) Dia. [in] | (4) .531 |
| F BCD [in]      | 4.062    |
| G [in]          | 0.90     |
| H [in]          | 4.94     |
| J [in]          | 2.548-18 |

#### (Nut)Forces and Torques

|                               |       |
|-------------------------------|-------|
| Torque to Raise 1 lb. [in-lb] | 0.153 |
|-------------------------------|-------|

#### (Nut)Flange Part Numbers

|                            |         |
|----------------------------|---------|
| Flange No-Lash Part Number | 73500   |
| Flange Part Number         | FLG7573 |

#### (Nut)Weight

|                    |      |
|--------------------|------|
| Flange Weight [lb] | 4.73 |
| Nut Weight [lb]    | 3.05 |

#### (Nut)Performance Specifications

|                |    |
|----------------|----|
| Efficiency [%] | 26 |
|----------------|----|

|                            |        |
|----------------------------|--------|
| Lead Accuracy +/- [in/in]  | 0.0003 |
| Dynamic Load Capacity [lb] | 15312  |
| Static Load Capacity [lb]  | 49900  |