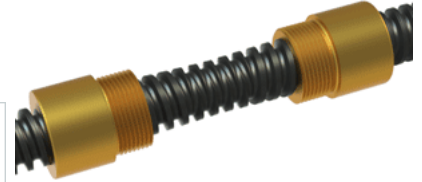
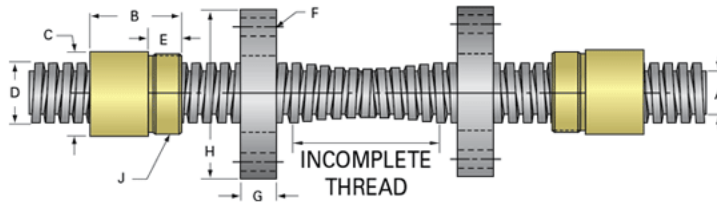


## PowerAC 3/4"-5 TA w/Bronze Nut

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your PowerAC 3/4"-5 TA w/Bronze Nut today!



### Rolled Inch Twin-Lead Acme Screw

#### Product Info

|                 |             |
|-----------------|-------------|
| Screw Code      | 075 TA      |
| Screw Direction | RH/LH       |
| 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                                                             | 075   |
| Form                                                                    | 2C    |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 12    |
| End Code for Type 4 [* Journals may show tracings of the thread]        | 8     |

#### Dimensions

|                                           |       |
|-------------------------------------------|-------|
| A - Root Diameter Minimum [in]            | 0.502 |
| D - Nominal Rod Diameter [in]             | 0.750 |
| Incomplete Overlapping Thread Length [in] | 2.00  |
| Maximum Overall Length [in]               | 72    |
| Maximum Useable LH & RH Thread [in]       | 35.00 |

#### Weight

|                      |      |
|----------------------|------|
| Weight Per Foot [lb] | 1.23 |
|----------------------|------|

#### Part Numbers

|                  |              |
|------------------|--------------|
| 36" Part Number  | TL3/4-5RS 36 |
| 72" Part Number  | TL3/4-5RS 72 |
| 144" Part Number |              |

#### Performance Specifications

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

### Inch Acme Nut with Optional Flange

#### Product Info

|                  |        |
|------------------|--------|
| Part Number      | 80075  |
| Thread Direction | LH     |
| Type             | Bronze |

#### 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] | 0.750 |
| Threads per Inch          | 5     |
| Thread Code               | 075   |
| Form                      | 2C    |

#### Dimensions

|                 |          |
|-----------------|----------|
| B [in]          | 1.25     |
| C [in]          | 1.13     |
| E [in]          | 0.50     |
| F (n) Dia. [in] | (4) .266 |
| F BCD [in]      | 2.090    |
| G [in]          | 0.53     |
| H [in]          | 2.63     |
| J [in]          | 1.000-18 |

#### Forces and Torques

|                               |       |
|-------------------------------|-------|
| Torque to Raise 1 lb. [in-lb] | 0.080 |
|-------------------------------|-------|

#### Flange Part Numbers

|                            |       |
|----------------------------|-------|
| Flange No-Lash Part Number | 73262 |
| Flange Part Number         | 70262 |

#### Weight

|                    |      |
|--------------------|------|
| Flange Weight [lb] | 0.78 |
|--------------------|------|

|                                           |          |
|-------------------------------------------|----------|
| Nut Weight [lb]                           | 0.24     |
| <b>Performance Specifications</b>         |          |
| Efficiency [%]                            | 40       |
| Lead Accuracy +/- [in/in]                 | 0.0003   |
| Dynamic Load Capacity [lb]                | 2812     |
| Static Load Capacity [lb]                 | 9000     |
| <b>Inch Acme Nut with Optional Flange</b> |          |
| <b>Product Info</b>                       |          |
| Part Number                               | 20075    |
| Thread Direction                          | RH       |
| Type                                      | Bronze   |
| <b>Details</b>                            |          |
| Lead [in]                                 | 0.200    |
| Starts                                    | 1        |
| Pitch [in]                                | 0.200    |
| Turns Per Inch                            | 5        |
| Lash (Maximum Axial) [in]                 | 0.009    |
| Nominal Rod Diameter [in]                 | 0.750    |
| Threads per Inch                          | 5        |
| Thread Code                               | 075      |
| Form                                      | 2C       |
| <b>Dimensions</b>                         |          |
| B [in]                                    | 1.25     |
| C [in]                                    | 1.13     |
| E [in]                                    | 0.50     |
| F (n) Dia. [in]                           | (4) .266 |
| F BCD [in]                                | 2.090    |
| G [in]                                    | 0.53     |
| H [in]                                    | 2.63     |
| J [in]                                    | 1.000-18 |
| <b>Forces and Torques</b>                 |          |
| Torque to Raise 1 lb. [in-lb]             | 0.080    |
| <b>Flange Part Numbers</b>                |          |
| Flange No-Lash Part Number                | 73262    |
| Flange Part Number                        | 70262    |
| <b>Weight</b>                             |          |
| Flange Weight [lb]                        | 0.78     |
| Nut Weight [lb]                           | 0.24     |
| <b>Performance Specifications</b>         |          |
| Efficiency [%]                            | 40       |
| Lead Accuracy +/- [in/in]                 | 0.0003   |
| Dynamic Load Capacity [lb]                | 2812     |
| Static Load Capacity [lb]                 | 9000     |