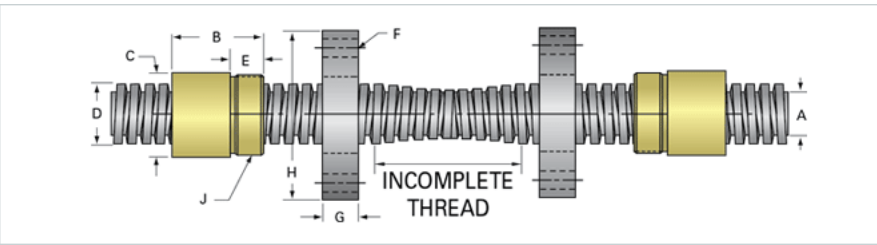


## PowerAC 1"-5 TA w/Plastic Nut

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your PowerAC 1"-5 TA w/Plastic Nut today!



### Rolled Inch Twin-Lead Acme Screw (Twin-Lead Screw)Product Info

|                 |             |
|-----------------|-------------|
| Screw Code      | 105 TA      |
| Screw Direction | RH/LH       |
| Screw Material  | 4140 Series |

### (Twin-Lead Screw)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    |

### (Twin-Lead Screw)Dimensions

|   |       |
|---|-------|
| A - Root Diameter Minimum [in]            | 0.750 |
| D - Nominal Rod Diameter [in]             | 1.000 |
| Incomplete Overlapping Thread Length [in] | 2.50  |
| Maximum Overall Length [in]               | 72    |
| Maximum Useable LH & RH Thread [in]       | 34.75 |

### (Twin-Lead Screw)Weight

|                      |      |
|----------------------|------|
| Weight Per Foot [lb] | 2.16 |
|----------------------|------|

### (Twin-Lead Screw)Part Numbers

|                  |            |
|------------------|------------|
| 36" Part Number  | TL1-5RS 36 |
| 72" Part Number  | TL1-5RS 72 |
| 144" Part Number |            |

### (Twin-Lead Screw)Performance Specifications

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

### Inch Acme Nut with Optional Flange

#### (Nut)Product Info

|                  |         |
|------------------|---------|
| Part Number      | 40105   |
| Thread Direction | LH      |
| Type             | Plastic |

#### (Nut)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    |

#### (Nut)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 |

#### (Nut)Forces and Torques

|                               |       |
|-------------------------------|-------|
| Torque to Raise 1 lb. [in-lb] | 0.079 |
|-------------------------------|-------|

#### (Nut)Flange Part Numbers

|                            |         |
|----------------------------|---------|
| Flange No-Lash Part Number | 73275   |
| Flange Part Number         | FLG8281 |

#### (Nut)Weight

|                    |      |
|--------------------|------|
| Flange Weight [lb] | 0.85 |
| Nut Weight [lb]    | 0.07 |

|  |          |
|--|----------|
| <b>(Nut)Performance Specifications</b>               |          |
| Efficiency [%]                                       | 40       |
| Lead Accuracy +/- [in/in]                            | 0.0003   |
| Dynamic Load Capacity [lb]                           | 2500     |
| Static Load Capacity [lb]                            | 2500     |
| <b>(Nut on Other Side)Product Info</b>               |          |
| Part Number  | 30105    |
| Thread Direction                                     | RH       |
| Type   | Plastic  |
| <b>(Nut on Other Side)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]                            | 1.000    |
| Threads per Inch                                     | 5        |
| Thread Code  | 105      |
| Form   | 2C       |
| <b>(Nut on Other Side)Dimensions</b>                 |          |
| 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 |
| <b>(Nut on Other Side)Forces and Torques</b>         |          |
| Torque to Raise 1 lb. [in-lb]                        | 0.079    |
| <b>(Nut on Other Side)Flange Part Numbers</b>        |          |
| Flange No-Lash Part Number                           | 73275    |
| Flange Part Number                                   | FLG8281  |
| <b>(Nut on Other Side)Weight</b>                     |          |
| Flange Weight [lb]                                   | 0.85     |
| Nut Weight [lb]                                      | 0.07     |
| <b>(Nut on Other Side)Performance Specifications</b> |          |
| Efficiency [%]                                       | 40       |
| Lead Accuracy +/- [in/in]                            | 0.0003   |
| Dynamic Load Capacity [lb]                           | 2500     |
| Static Load Capacity [lb]                            | 2500     |