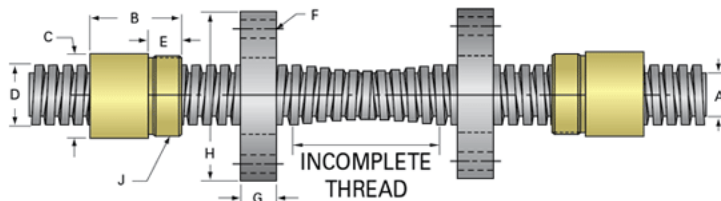


PowerAC 1"-5 TA w/Bronze Nut

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerAC 1"-5 TA w/Bronze 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 | 80105 |
| Thread Direction | LH |
| Type | Bronze |

(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 |
| 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] | 0.094 |
|-------------------------------|-------|

(Nut)Flange Part Numbers

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

(Nut)Weight

| | |
|--------------------|------|
| Flange Weight [lb] | 0.85 |
| Nut Weight [lb] | 0.50 |

| | | |
|------------------------------------------------------|--|----------|
| (Nut)Performance Specifications | | |
| Efficiency [%] | | 34 |
| Lead Accuracy +/- [in/in] | | 0.0003 |
| Dynamic Load Capacity [lb] | | 5000 |
| Static Load Capacity [lb] | | 16000 |
| (Nut on Other Side)Product Info | | |
| Part Number | | 20105 |
| Thread Direction | | RH |
| Type | | Bronze |
| (Nut on Other Side)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 on Other Side)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 on Other Side)Forces and Torques | | |
| Torque to Raise 1 lb. [in-lb] | | 0.094 |
| (Nut on Other Side)Flange Part Numbers | | |
| Flange No-Lash Part Number | | 73275 |
| Flange Part Number | | FLG8281 |
| (Nut on Other Side)Weight | | |
| Flange Weight [lb] | | 0.85 |
| Nut Weight [lb] | | 0.50 |
| (Nut on Other Side)Performance Specifications | | |
| Efficiency [%] | | 34 |
| Lead Accuracy +/- [in/in] | | 0.0003 |
| Dynamic Load Capacity [lb] | | 5000 |
| Static Load Capacity [lb] | | 16000 |