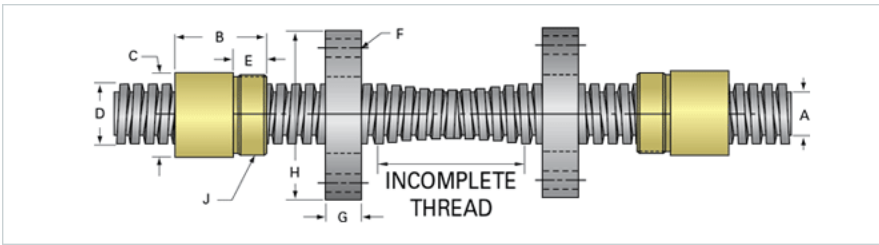


PowerAC 1"-10 TA w/Bronze Nut

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerAC 1"-10 TA w/Bronze Nut today!



Rolled Inch Twin-Lead Acme Screw

Product Info

| | |
|-----------------|-------------|
| Screw Code | 110 TA |
| Screw Direction | RH/LH |
| Screw Material | 4140 Series |

Details

| | |
|---|-------|
| Lead [in] | 0.100 |
| Starts | 1 |
| Pitch [in] | 0.100 |
| Turns Per Inch | 10 |
| Threads per Inch | 10 |
| Thread Code | 110 |
| Form | 2C |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 20 |
| End Code for Type 4 [* Journals may show tracings of the thread] | 12 |

Dimensions

| | |
|---|-------|
| A - Root Diameter Minimum [in] | 0.857 |
| D - Nominal Rod Diameter [in] | 1.000 |
| 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] | 2.10 |
|----------------------|------|

Part Numbers

| | |
|------------------|-------------|
| 36" Part Number | TL1-10RS 36 |
| 72" Part Number | TL1-10RS 72 |
| 144" Part Number | |

Performance Specifications

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

Inch Acme Nut with Optional Flange

Product Info

| | |
|------------------|--------|
| Part Number | 80110 |
| Thread Direction | LH |
| Type | Bronze |

Details

| | |
|---------------------------|-------|
| Lead [in] | 0.100 |
| Starts | 1 |
| Pitch [in] | 0.100 |
| Turns Per Inch | 10 |
| Lash (Maximum Axial) [in] | 0.008 |
| Nominal Rod Diameter [in] | 1.000 |
| Threads per Inch | 10 |
| Thread Code | 110 |
| Form | 2C |

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 |

Forces and Torques

| | |
|-------------------------------|-------|
| Torque to Raise 1 lb. [in-lb] | 0.078 |
|-------------------------------|-------|

Flange Part Numbers

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

Weight

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

| | |
|---|----------|
| Nut Weight [lb] | 0.47 |
| Performance Specifications | |
| Efficiency [%] | 20 |
| Lead Accuracy +/- [in/in] | 0.0003 |
| Dynamic Load Capacity [lb] | 5000 |
| Static Load Capacity [lb] | 16000 |
| Inch Acme Nut with Optional Flange | |
| Product Info | |
| Part Number | 20110 |
| Thread Direction | RH |
| Type | Bronze |
| Details | |
| Lead [in] | 0.100 |
| Starts | 1 |
| Pitch [in] | 0.100 |
| Turns Per Inch | 10 |
| Lash (Maximum Axial) [in] | 0.008 |
| Nominal Rod Diameter [in] | 1.000 |
| Threads per Inch | 10 |
| Thread Code | 110 |
| Form | 2C |
| 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 |
| Forces and Torques | |
| Torque to Raise 1 lb. [in-lb] | 0.078 |
| Flange Part Numbers | |
| Flange No-Lash Part Number | 73275 |
| Flange Part Number | FLG8281 |
| Weight | |
| Flange Weight [lb] | 0.85 |
| Nut Weight [lb] | 0.47 |
| Performance Specifications | |
| Efficiency [%] | 20 |
| Lead Accuracy +/- [in/in] | 0.0003 |
| Dynamic Load Capacity [lb] | 5000 |
| Static Load Capacity [lb] | 16000 |