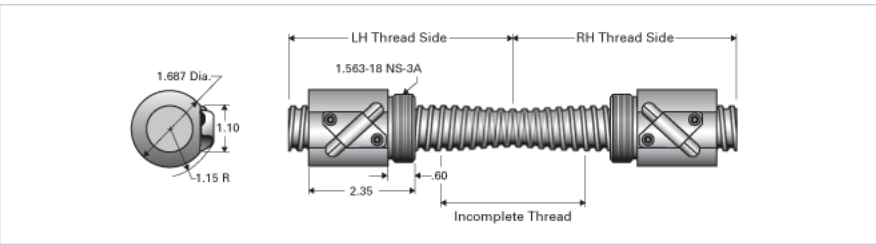


PowerTrac 1000 - 0250 SRT TA, with SBN Ball Nuts, Single Circuit

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerTrac 1000 - 0250 SRT TA, with SBN Ball Nuts, Single



Inch Twin-Lead Ball Screw

(Twin-Lead Screw)Product Info

| | |
|------------------|------------------|
| Screw Code | 1000-0250 SRT TA |
| Precision | SRT |
| Screw Material | 4150 |
| Thread Direction | RH/LH |

(Twin-Lead Screw)Details

| | |
|---|-------|
| Ball Circle Diameter [in] | 1.000 |
| Lead [in] | 0.250 |
| Root Diameter [in] | 0.820 |
| Incomplete Overlapping Thread Length [in] | 2.50 |
| Maximum Overall Length [in] | 96 |
| Maximum Useable LH & RH Thread [in] | 45.25 |
| 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 |

(Twin-Lead Screw)Weight

| | |
|------------------------|------|
| Screw Weight [lb./ft.] | 2.20 |
|------------------------|------|

(Twin-Lead Screw)Performance Specifications

| | |
|-----------------------------|-------|
| Lead Accuracy +/- [in./ft.] | 0.004 |
|-----------------------------|-------|

Inch Ball Nut, for SRT, Standard Accuracy, No Preload, SBN, Standard

(Nut)Product Info

| | |
|------------------|----------|
| Ball Nut Number | SBN10468 |
| Thread Direction | LH |

(Nut)Details

| | |
|----------------------------|-------|
| Ball Circle Diameter [in] | 1.000 |
| Lead [in] | 0.250 |
| Nominal Ball Diameter [in] | 0.156 |
| Root diameter [in] | 0.820 |

(Nut)Dimensions

| | |
|--------|--|
| A [in] | |
|--------|--|

(Nut)Forces and Torques

| | |
|-------------------------------|-------|
| Torque to Raise 1 lb. [in-lb] | 0.044 |
|-------------------------------|-------|

(Nut)Flange Part Numbers

| | |
|--------------------|---------|
| Flange Part Number | FLG7571 |
|--------------------|---------|

(Nut)Wiper Part Numbers

| | |
|----------------------------|---------|
| Wiper Kit Part Number | WKB1050 |
| Wiper Kit Felt Part Number | |

(Nut)Weight

| | |
|-----------------|------|
| Nut Weight [lb] | 0.80 |
|-----------------|------|

(Nut)Performance Specifications

| | |
|---|-------|
| Lead Accuracy +/- [in./ft.] | 0.004 |
| Maximum Adjustable Preload [lb] | |
| Spring Rate x 10 ⁶ [lb./in.] | |
| Dynamic Load [lb] | 1612 |
| Static Load [lb] | 13913 |

(Nut on Other Side)Product Info

| | |
|------------------|----------|
| Ball Nut Number | SBN10468 |
| Thread Direction | RH |

(Nut on Other Side)Details

| | |
|----------------------------|-------|
| Ball Circle Diameter [in] | 1.000 |
| Lead [in] | 0.250 |
| Nominal Ball Diameter [in] | 0.156 |
| Root diameter [in] | 0.820 |

(Nut on Other Side)Dimensions

| | |
|--------|--|
| A [in] | |
|--------|--|

(Nut on Other Side)Forces and Torques

| | |
|-------------------------------|-------|
| Torque to Raise 1 lb. [in-lb] | 0.044 |
|-------------------------------|-------|

(Nut on Other Side)Flange Part Numbers

| | |
|--------------------|---------|
| Flange Part Number | FLG7571 |
|--------------------|---------|

(Nut on Other Side)Wiper Part Numbers

| | |
|-----------------------|---------|
| Wiper Kit Part Number | WKB1050 |
|-----------------------|---------|

Wiper Kit Felt Part Number

(Nut on Other Side)Weight

Nut Weight [lb]

0.80

(Nut on Other Side)Performance Specifications

Lead Accuracy +/- [in./ft.]

0.004

Maximum Adjustable Preload [lb]

Spring Rate x 10⁶ [lb./in.]

Dynamic Load [lb]

1612

Static Load [lb]

13913