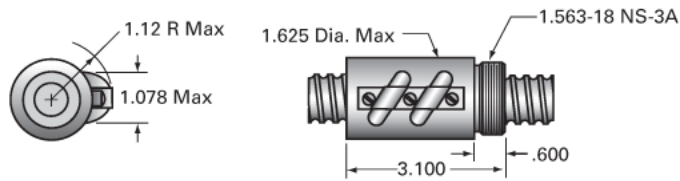


PowerTrac 1000 - 0250 SGT RA, with PRN Ball Nut, Preloaded,

Call 800-321-7800 or visit us online at www.nookindustries.com to configure and order your PowerTrac 1000 - 0250 SGT RA, with PRN Ball Nut,



Inch Ball Screw

(Screw)Product Info

| | |
|------------------|------------------|
| Screw Code | 1000-0250 SGT RA |
| Precision | SGT |
| Screw Material | 4150 |
| Thread Direction | RH |

(Screw)Details

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

(Screw)Performance Specifications

| | |
|-----------------------------|--------|
| Lead Accuracy +/- [in./ft.] | 0.0005 |
|-----------------------------|--------|

(Screw)Part Numbers

| | |
|--------------------|------------|
| 2 ft. Part Number | |
| 4 ft. Part Number | |
| 6 ft. Part Number | GT10025R72 |
| 8 ft. Part Number | |
| 12 ft. Part Number | |
| 16 ft. Part Number | |
| 20 ft. Part Number | |

(Screw)Weight

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

Inch Ball Nut, for SGT, Ground Accuracy, Preloaded, Fixed, PRN

(Nut)Product Info

| | |
|------------------|----------|
| Ball Nut Number | PGN11172 |
| Thread Direction | RH |

(Nut)Details

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

(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 | - |
|-----------------------|---|

(Nut)Weight

| | |
|-----------------|------|
| Nut Weight [lb] | 1.50 |
|-----------------|------|

(Nut)Performance Specifications

| | |
|---|-------|
| Maximum Adjustable Preload [lb] | |
| Spring Rate x 10 ⁶ [lb./in.] | 2.50 |
| Dynamic Load [lb] | 2285 |
| Static Load [lb] | 15815 |