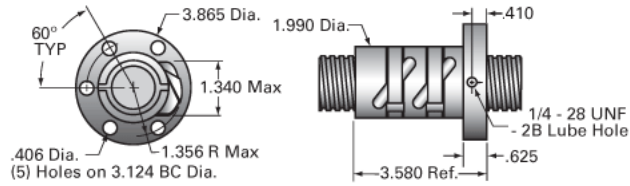


## PowerTrac 1250 - 0500 SGT RA, with SSN Ball Nut, Preloaded,

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your PowerTrac 1250 - 0500 SGT RA, with SSN Ball Nut,



### Inch Ball Screw

#### Product Info

|                  |                  |
|------------------|------------------|
| Screw Code       | 1250-0500 SGT RA |
| Precision        | SGT              |
| Screw Material   | 4150             |
| Thread Direction | RH               |

#### Details

|   |       |
|---|-------|
| Ball Circle Diameter [in]   | 1.250 |
| Lead [in]   | 0.500 |
| Root Diameter [in]  | 1.050 |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 25    |
| End Code for Type 4 [* Journals may show tracings of the thread]        | 16    |

#### Performance Specifications

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

#### Part Numbers

|                    |            |
|--------------------|------------|
| 2 ft. Part Number  |            |
| 4 ft. Part Number  |            |
| 6 ft. Part Number  | GT12550R72 |
| 8 ft. Part Number  |            |
| 12 ft. Part Number |            |
| 16 ft. Part Number |            |
| 20 ft. Part Number |            |

#### Weight

|                        |      |
|------------------------|------|
| Screw Weight [lb./ft.] | 3.70 |
|------------------------|------|

### Inch Ball Nut, for SGT and XPR, Ground Accuracy, Preloaded, Fixed, SSN

#### Product Info

|                  |         |
|------------------|---------|
| Ball Nut Number  | SSN0399 |
| Thread Direction | RH      |

#### Details

|                            |       |
|----------------------------|-------|
| Ball Circle Diameter [in]  | 1.250 |
| Lead [in]                  | 0.500 |
| Nominal Ball Diameter [in] | 0.188 |
| Root diameter [in]         | 1.050 |

#### Forces and Torques

|                               |       |
|-------------------------------|-------|
| Torque to Raise 1 lb. [in-lb] | 0.088 |
|-------------------------------|-------|

#### Flange Part Numbers

|                    |          |
|--------------------|----------|
| Flange Part Number | INTEGRAL |
|--------------------|----------|

#### Wiper Part Numbers

|                       |           |
|-----------------------|-----------|
| Wiper Kit Part Number | ELASTOMER |
|-----------------------|-----------|

#### Weight

|                 |      |
|-----------------|------|
| Nut Weight [lb] | 3.20 |
|-----------------|------|

#### Performance Specifications

|   |       |
|---|-------|
| Maximum Adjustable Preload [lb]         |       |
| Spring Rate x 10 <sup>6</sup> [lb./in.] | 4.25  |
| Dynamic Load [lb]                       | 1765  |
| Static Load [lb]                        | 11080 |