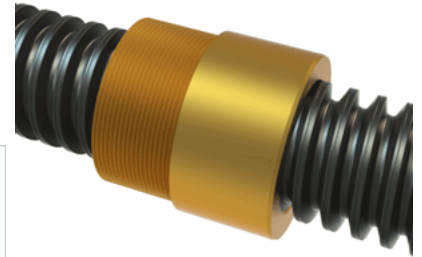


## PowerAC Trapezoidal Assembly 907 RA w/Bronze Nut

Call 800-321-7800 or visit us online at [www.nookindustries.com](http://www.nookindustries.com) to configure and order your PowerAC Trapezoidal Assembly 907 RA w/Bronze Nut



### Trapezoidal Lead Screw

#### Product Info

|                  |             |
|------------------|-------------|
| Screw Code       | 907 RA      |
| Screw Material   | 4140 Series |
| Thread Direction | RH          |

#### Details

|   |      |
|---|------|
| Diameter  | 65   |
| Lead  | 12   |
| Starts  | 1    |
| Pitch [mm]  | 12   |
| Lead Accuracy +/- [*MU*m/25mm]  | 6.25 |
| Thread Code   | 907  |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 45   |
| End Code for Type 4 [* Journals may show tracings of the thread]        | 28   |

#### Dimensions

|                                |       |
|--------------------------------|-------|
| A - Root Diameter Mmmimum [mm] | 50.20 |
| D - Nominal Rod Diameter       | 65    |

#### Part Numbers

|                     |       |
|---------------------|-------|
| 1800 mm Part Number | 15907 |
| 3600 mm Part Number | 16907 |
| 900 mm Part Number  | 14907 |

#### Weight

|                       |      |
|-----------------------|------|
| Weight Per Meter [kg] | 21.3 |
|-----------------------|------|

### Trapezoidal Lead Nut

#### Product Info

|                  |        |
|------------------|--------|
| Part Number      | 20907  |
| Thread Direction | RH     |
| Type             | Bronze |

#### Details

|                              |      |
|------------------------------|------|
| Diameter                     | 65   |
| Lead [mm]                    | 12   |
| Starts                       | 1    |
| Pitch [mm]                   | 12   |
| Lash (Maximum Axial in) [mm] | 0.42 |
| Nominal Rod Diameter         | 65   |
| Thread Code                  | 907  |

#### Dimensions

|                 |           |
|-----------------|-----------|
| B [mm]          | 85.0      |
| C [mm]          | 85.0      |
| E [mm]          | 35.00     |
| F (n) Dia. [mm] | (4) 17.00 |
| F BCD [mm]      | 120.00    |
| G [mm]          | 36.0      |
| H [mm]          | 150.0     |
| J [mm]          | M80x2     |

#### Forces and Torques

|                           |       |
|---------------------------|-------|
| Torque to Raise 1 kN [Nm] | 5.775 |
|---------------------------|-------|

#### Flange Part Numbers

|                    |       |
|--------------------|-------|
| Flange Part Number | 72007 |
|--------------------|-------|

#### Weight

|                    |      |
|--------------------|------|
| Flange Weight [kg] | 3.30 |
| Nut Weight [g]     | 2100 |

#### Performance Specifications

|                                |        |
|--------------------------------|--------|
| Efficiency [%]                 | 33     |
| Lead Accuracy +/- [*MU*m/25mm] | 6.25   |
| Dynamic Load Capacity [N]      | 145651 |
| Static Load Capacity [N]       | 466084 |