

## PowerAC 3/4"-10 RS w/Plastic Nut

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|   |                      |
|---|----------------------|
| <b>Rolled Inch Acme Screw</b>   |                      |
| <b>(Screw)Product Info</b>  |                      |
| Screw Code  | 070-RS               |
| Thread Direction  | RH                   |
| Screw Material  | 300 Series Stainless |
| <b>(Screw)Details</b>   |                      |
| Lead [in]   | 0.100                |
| Starts  | 1                    |
| Pitch [in]  | 0.100                |
| Turns Per Inch  | 10                   |
| Threads per Inch  | 10                   |
| Thread Code   | 070                  |
| Form  | 2C                   |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 15                   |
| End Code for Type 4 [* Journals may show tracings of the thread]        | 8                    |
| <b>(Screw)Dimensions</b>  |                      |
| A - Root Diameter Minimum [in]  | 0.608                |
| D - Nominal Rod Diameter [in]   | 0.750                |
| <b>(Screw)Part Numbers</b>  |                      |
| 3 ft. Part Number   | 91070                |
| 6 ft. Part Number   | 92070                |
| 12 ft. Part Number  | 93070                |
| 20 ft. Part Number  |                      |
| <b>(Screw)Performance Specifications</b>                                |                      |
| Lead Accuracy +/- [in/in]   | 0.0003               |
| <b>(Screw)Weight</b>  |                      |
| Screw Weight [lb./ft.]  | 1.29                 |
| <b>Inch Acme Nut with Optional Flange</b>                               |                      |
| <b>(Nut)Product Info</b>  |                      |
| Part Number   | 30070                |
| Thread Direction  | RH                   |
| Type  | Plastic              |
| <b>(Nut)Details</b>   |                      |
| Lead [in]   | 0.100                |
| Starts  | 1                    |
| Pitch [in]  | 0.100                |
| Turns Per Inch  | 10                   |
| Lash (Maximum Axial) [in]   | 0.007                |
| Nominal Rod Diameter [in]   | 0.750                |
| Threads per Inch  | 10                   |
| Thread Code   | 070                  |
| Form  | 2C                   |
| <b>(Nut)Dimensions</b>  |                      |
| B [in]  | 1.25                 |
| C [in]  | 1.13                 |
| E [in]  | 0.50                 |
| F (n) Dia. [in]   | (4) .266             |
| F BCD [in]  | 2.090                |
| G [in]  | 0.53                 |
| H [in]  | 2.63                 |
| J [in]  | 1.000-18             |
| <b>(Nut)Forces and Torques</b>  |                      |
| Torque to Raise 1 lb. [in-lb]   | 0.052                |
| <b>(Nut)Flange Part Numbers</b>   |                      |
| Flange No-Lash Part Number  | 73262                |
| Flange Part Number  | 70262                |
| <b>(Nut)Weight</b>  |                      |
| Flange Weight [lb]  | 0.78                 |
| Nut Weight [lb]   | 0.03                 |
| <b>(Nut)Performance Specifications</b>                                  |                      |
| Efficiency [%]  | 30                   |

|                            |        |
|----------------------------|--------|
| Lead Accuracy +/- [in/in]  | 0.0003 |
| Dynamic Load Capacity [lb] | 1406   |
| Static Load Capacity [lb]  | 1406   |