

PowerAC 1"-4 RA w/Plastic Nut

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| Rolled Inch Acme Screw | |
|---|-------------|
| Product Info | |
| Screw Code | 104-RA |
| Thread Direction | RH |
| Screw Material | 4140 Series |
| Details | |
| Lead [in] | 0.250 |
| Starts | 1 |
| Pitch [in] | 0.250 |
| Turns Per Inch | 4 |
| Threads per Inch | 4 |
| Thread Code | 104 |
| Form | 2C |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 17 |
| End Code for Type 4 [* Journals may show tracings of the thread] | 10 |
| Dimensions | |
| A - Root Diameter Minimum [in] | 0.698 |
| D - Nominal Rod Diameter [in] | 1.000 |
| Part Numbers | |
| 3 ft. Part Number | 11104 |
| 6 ft. Part Number | 12104 |
| 12 ft. Part Number | 13104 |
| 20 ft. Part Number | |
| Performance Specifications | |
| Lead Accuracy +/- [in/in] | 0.0003 |
| Weight | |
| Screw Weight [lb./ft.] | 2.22 |
| Inch Acme Nut with Optional Flange | |
| Product Info | |
| Part Number | 30104 |
| Thread Direction | RH |
| Type | Plastic |
| Details | |
| Lead [in] | 0.250 |
| Starts | 1 |
| Pitch [in] | 0.250 |
| Turns Per Inch | 4 |
| Lash (Maximum Axial) [in] | 0.010 |
| Nominal Rod Diameter [in] | 1.000 |
| Threads per Inch | 4 |
| Thread Code | 104 |
| Form | 2C |
| Dimensions | |
| B [in] | 1.50 |
| C [in] | 1.50 |
| E [in] | 0.50 |
| F (n) Dia. [in] | (4) .266 |
| F BCD [in] | 2.260 |
| G [in] | 0.52 |
| H [in] | 2.76 |
| J [in] | 1.375-16 |
| Forces and Torques | |
| Torque to Raise 1 lb. [in-lb] | 0.086 |
| Flange Part Numbers | |
| Flange No-Lash Part Number | 73275 |
| Flange Part Number | FLG8281 |
| Weight | |
| Flange Weight [lb] | 0.85 |
| Nut Weight [lb] | 0.08 |
| Performance Specifications | |

| | |
|----------------------------|--------|
| Efficiency [%] | 46 |
| Lead Accuracy +/- [in/in] | 0.0003 |
| Dynamic Load Capacity [lb] | 2500 |
| Static Load Capacity [lb] | 2500 |