

PowerAC 1/2"-4 RS w/Plastic Nut

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Rolled Inch Acme Screw

Product Info

| | |
|------------------|----------------------|
| Screw Code | 054-RS |
| Thread Direction | RH |
| Screw Material | 300 Series Stainless |

Details

| | |
|---|-------|
| Lead [in] | 0.250 |
| Starts | 2 |
| Pitch [in] | 0.125 |
| Turns Per Inch | 4 |
| Threads per Inch | 8 |
| Thread Code | 054 |
| Form | 2C |
| End Code for Types 1,2,3,5 [* Journals may show tracings of the thread] | 8 |
| End Code for Type 4 [* Journals may show tracings of the thread] | 4 |

Dimensions

| | |
|--------------------------------|-------|
| A - Root Diameter Minimum [in] | 0.332 |
| D - Nominal Rod Diameter [in] | 0.500 |

Part Numbers

| | |
|--------------------|-------|
| 3 ft. Part Number | 91054 |
| 6 ft. Part Number | 92054 |
| 12 ft. Part Number | 93054 |
| 20 ft. Part Number | |

Performance Specifications

| | |
|---------------------------|--------|
| Lead Accuracy +/- [in/in] | 0.0003 |
|---------------------------|--------|

Weight

| | |
|------------------------|------|
| Screw Weight [lb./ft.] | 0.53 |
|------------------------|------|

Inch Acme Nut with Optional Flange

Product Info

| | |
|------------------|---------|
| Part Number | 30054 |
| Thread Direction | RH |
| Type | Plastic |

Details

| | |
|---------------------------|-------|
| Lead [in] | 0.250 |
| Starts | 2 |
| Pitch [in] | 0.125 |
| Turns Per Inch | 4 |
| Lash (Maximum Axial) [in] | 0.007 |
| Nominal Rod Diameter [in] | 0.500 |
| Threads per Inch | 8 |
| Thread Code | 054 |
| Form | 2C |

Dimensions

| | |
|-----------------|----------|
| B [in] | 0.75 |
| 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] | 2.60 |
| J [in] | .937-16 |

Forces and Torques

| | |
|-------------------------------|-------|
| Torque to Raise 1 lb. [in-lb] | 0.064 |
|-------------------------------|-------|

Flange Part Numbers

| | |
|----------------------------|---------|
| Flange No-Lash Part Number | |
| Flange Part Number | FLG7570 |

Weight

| | |
|--------------------|------|
| Flange Weight [lb] | 0.77 |
| Nut Weight [lb] | 0.03 |

Performance Specifications

| | |
|----------------------------|--------|
| Efficiency [%] | 63 |
| Lead Accuracy +/- [in/in] | 0.0003 |
| Dynamic Load Capacity [lb] | 625 |
| Static Load Capacity [lb] | 625 |