

Selection Guide

End Fitting Availability

| Powerlite Size | Stud | Stemball | T-Ball | Swivel Eye | Marine Eye | Toggle Jaw | Rod Adaptor |
|----------------|---------|-----------|------------|-------------|------------|------------|-------------|
| | | | | | Pin Size | Pin Size | |
| 1/4" | 1/4-28 | #6 | #4, #5, #6 | Tylaska T5 | 5/16" | 3/8" | NA |
| | 5/16-24 | | | | 3/8" | | |
| 5/16" | 3/8-24 | #8 | #8 | Tylaska T12 | 3/8" | 1/2" | -4 |
| | 7/16-20 | | | | 1/2" | | -6 |
| | 1/2-20 | | | | | | -8 |
| 3/8" | 1/2-20 | #10SH | #10 | Tylaska T20 | 1/2" | 1/2" | -10 |
| | 5/8-18 | #10 | | | 5/8" | 5/8" | |
| 7/16" | 5/8-18 | #10 / #12 | #10 | Tylaska T20 | 5/8" | 5/8" | -12 / -15 |
| 1/2" | 5/8-18 | #16 | | | 5/8" | 5/8" | -17 |
| | 3/4-16 | | | | 3/4" | 3/4" | -22 |
| 9/16" | 3/4-16 | #12 | | | 3/4" | 3/4" | |
| | 7/8-14 | | | | 7/8" | 7/8" | |

Other available fittings: Shroud terminals, metric terminals, swage fittings, and custom terminals.

Stretch and Weight

| PBO Vs. 1x19 Wire | | Min. Breaking Load (lbs.) | Weight / ft. (lbs./ft.) | | Stretch (in./in./1000 lbs.) | | PBO |
|-------------------|-----------|---------------------------|-------------------------|------------|-----------------------------|-----------|-----------|
| PBO | 1x19 Wire | | PBO | Wire | PBO | Wire | % Stiffer |
| 1/4" | 3/16" | 3970 | 0.021 | 0.071 | 0.001897 | 0.002507 | 32.17% |
| 5/16" | 1/4" | 7100 | 0.034 | 0.130 | 0.001022 | 0.001397 | 36.79% |
| 3/8" | 5/16" | 10300 | 0.055 | 0.210 | 0.000799 | 0.000918 | 14.94% |
| 7/16" | 3/8" | 14500 | 0.075 | 0.290 | 0.000559 | 0.000644 | 15.15% |
| 1/2" | -22 Rod | 22500 | 0.077 | 0.376 | 0.000390 | 0.000393 | Equal |
| 9/16" | -30 Rod | 30,000 | 0.118 | 0.511(rod) | 0.0002700 | 0.0002721 | Equal |

PowerLite PBO Cross Reference

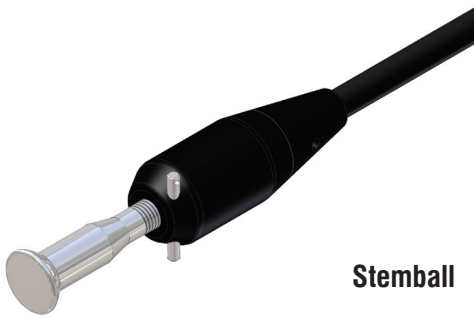
| Rod Size | Dyform Size | Wire Size | PowerLite Cross Reference |
|------------|-------------|-------------------------|---------------------------|
| NA | 4mm | 3/16", 1/8", 3mm, 4mm | 1/4" |
| -8, -6, -4 | 6 mm, 5 mm | 1/4" 7/32", 5mm, 6mm | 5/16" |
| -10 | 7 mm | 5/16" 9/32", 7mm, 8mm | 3/8" |
| -15, -12 | 8 mm | 3/8" | 7/16" |
| -22, -17 | 10 mm | 7/16", 1/2", 11mm, 12mm | 1/2" |
| -30 | 12mm | 9/16", 14mm | 9/16" |



Marine Eye



Toggle



Stemball



Threaded Stud



Swivel Eye



T-Ball



Rod Adapter



APPLIED FIBER

For answers to additional questions, please contact

phone: 877-AP-FIBER (877-273-4237)

email: sales@powerligerigging.com

web: www.powerligerigging.com