

Metric 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. Rod		Minimum Breaking	Weight (kg/meter)		PowerLite	Stretch (mm/mm/1000 kg)		PBO
PBO	Rod	Load (kg)	PBO	Rod	Weight Savings	PBO	Rod	% Stiffer
1/4"	(3/16" Wire)	1801	0.031	0.106	70%	0.0041737	0.0055158	32.2%
5/16"	-8	3720	0.051	0.202	75%	0.0022486	0.0024510	9.0%
3/8"	-10	4672	0.082	0.249	67%	0.0017579	0.0019977	13.6%
7/16"	-15	6577	0.112	0.349	68%	0.0012299	0.0014323	16.5%
1/2"	-22	10205	0.115	0.560	79%	0.0008581	0.0008647	0.8%
9/16"	-30	13608	0.149	0.761	80%	0.0005940	0.0005987	0.8%

PowerLite PBO Cross Reference

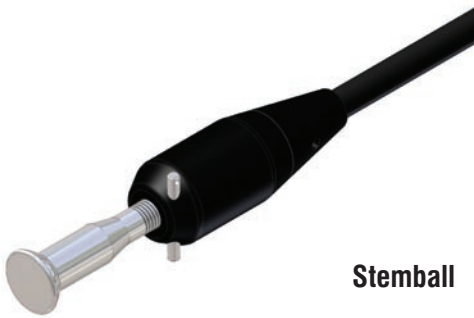
Rod Size	Dyform Size	Wire Size	PowerLite Cross Reference
NA	4mm	3/16", 1/8", 3mm, 4mm	1/4"
-8, -6, -4	6 mm, 5 mm	1/4" 7/32", 5mm, 6mm	5/16"
-10	7 mm	5/16" 9/32", 7mm, 8mm	3/8"
-15, -12	8 mm	3/8"	7/16"
-22, -17	10 mm	7/16", 1/2", 11mm, 12mm	1/2"
-30	12mm	9/16", 14mm	9/16"



Marine Eye



Toggle



Stemball



Threaded Stud



Swivel Eye



T-Ball



Rod Adapter



APPLIED FIBER

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