

Splicing Tools

Part Number	Description	Price
BTSWS	Brion Toss Splicing Wand Small 3/16 to 3/8	55.00
BTSWM	Brion Toss Splicing Wand Medium 5/16 to 1/2	55.00
BTSWL	Brion Toss Splicing Wand Large 3/8 to 3/4	65.00
BTSWXL	Brion Toss Splicing Wand X Large 3/4 to 1	95.00
BTPHS	Port Hudson Phid Small	30.00
BTPHL	Port Hudson Phid Large	37.50
NEFID	New England Rope Uni-Fid Splicing Kit	33.30
NEROPECTR	Electric Rope Cutter	213.12
NEROPECTRBLD	Cutter Replacement Blade	32.95

Thread Conversion Chart

Standard M profile or international (ISO 68). Pitch is the distance from thread crest to thread crest in millimeters.

Diameter In Inches	Threads per Inch (UNF)	Diameter In Millimeters	Pitch (ISO 68)
1/4	28	M6	1.00
5/16	24	M8	1.25
3/8	24	M10	1.50
7/16	20	M12	1.75
1/2	20	M16	2.00
5/8	18	M20	2.50
3/4	16	M22	2.50
7/8	14	M27	3.00
1	12	M30	3.50

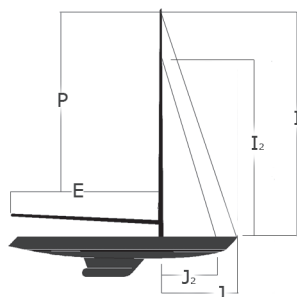


Right Hand Thread. Threads slope up to the right when screw is held vertically.

Conversions

1 Inch	Equals	0.0254	Meters
1 Foot	Equals	0.3048	Meters
1 Meter	Equals	39.3701	Inches
1 Meter	Equals	3.28084	Feet
Inches	Times	25.4	Equals Millimeters
Feet	Times	0.3048	Equals Meters
Millimeters	Divided By	25.4	Equals Inches
Meters	Divided By	0.3048	Equals Feet

Pythagorean Theorem - In a right-angled triangle, the square of the hypotenuse is equal to the square of the other two sides: $a^2 + b^2 = c^2$. In other words, the square of the length of a headstay equals the square of the length of the mast above deck plus the square of the distance from the front of the mast to the bottom of the forestay.



Rig Dimensions

P	Mainsail Luff Length
E	Mainsail Foot Length
I	Height of the Foretriangle from the top of the highest sheave to the sheerline
I2	Height of the Staysail Halyard above Deck
J	Base of the Foretriangle from the Front of the Mast to the Intersection of the Forestay and Deck
J2	Base of the Staysail Triangle

Equivalency Table

Fractional	Decimal	mm
1/64	0.01563	0.39688
1/32	0.03125	0.79375
	0.03937	1.00000
1/16	0.06250	1.58750
	0.07874	2.00000
3/32	0.09375	2.38125
	0.11811	3.00000
1/8	0.12500	3.17500
5/32	0.15625	3.96875
	0.15748	4.00000
3/16	0.18750	4.76250
	0.19685	5.00000
7/32	0.21875	5.55625
	0.23622	6.00000
1/4	0.25000	6.35000
	0.27559	7.00000
9/32	0.28125	7.14375
5/16	0.31250	7.93750
	0.31496	8.00000
11/32	0.34375	8.73125
	0.35433	9.00000
3/8	0.37500	9.52500
	0.39370	10.00000
13/32	0.40625	10.31875
	0.43307	11.00000
7/16	0.43750	11.11250
15/32	0.46875	11.90625
	0.47244	12.00000
1/2	0.50000	12.70000
	0.51181	13.00000
17/32	0.53125	13.49375
	0.55118	14.00000
9/16	0.56250	14.28750
	0.59055	15.00000
19/32	0.59375	15.08125
5/8	0.62500	15.87500
	0.62992	16.00000
	0.66929	17.00000
11/16	0.68750	17.46250
23/32	0.71875	18.25625
	0.74803	19.00000
3/4	0.75000	19.05000
25/32	0.78125	19.84375
	0.78740	20.00000
13/16	0.81250	20.63750
	0.82677	21.00000
27/32	0.84375	21.43125
	0.86614	22.00000
7/8	0.87500	22.22500
	0.90551	23.00000
29/32	0.90625	23.01875
15/16	0.93750	23.81250
	0.94488	24.00000
31/32	0.96875	24.60625