

wires, lines, rigging screws, bowsies and blocks - their suitability for common classes of rc boat

**standing rigging - general principles**

use only wire

flexible 7 strand wires are to be preferred over single strand wires as their flexibility lets them lay straighter and helps avoid damage

alternatively use STRAIGHT wire designated by the suffix ST

contrary to expectations the stretch of the SAILSetc flexible wires is less for a given diameter than single strand wire

**running rigging - general principles**

use only Dyneema

use the smallest plastic bowsie possible on any given line for the best grip

<b>smaller classes</b>	RG65 boats under 800 mm LOA	36/600 36R boats under 1000 mm LOA	US 1M IOM boats under 1200 mm LOA
item			

**rigging wires and trim lines**

shrouds	-	W045, W045ST, W060, W060ST, WFLAT	W060, W060ST, WFLAT
forestay	W045	W045, W045ST, W060, W060ST	W060
backstay	W045	W045, W045ST, W060, W060ST, WFLAT	W060, W060ST, WFLAT
headsail boom topping lift	D30	W045, W045ST, WFLAT	W060, W060ST, WFLAT
adjustments to forestay & backstay	D30	D50	D50, D75
Cunningham lines	-	D30	D30

**sheets and winch lines**

winch control line	D30	D50	D75
main sheet	D30	D50, D30	D50
headsail boom sheet	-	D30	D30

**terminations & adjustments**

rigging screw	030-020	030-030, 030-030SL	030-030, 030-030SL, 031S
bowsies for backstay and forestay	057X	057C	057C
bowsies for other control lines	057X	057X, 057C	057X, 057C
block for main winch control line	061-008	061-008, 061-010	061-010
blocks, other	061-008	061-008	061-008
hooks for shroud, backstay & forestay	W100	W120	W120, W140, W150
hooks for shroud, backstay & forestay	-	087B, 087G	087B, 087G
hooks, other	W080, W100	W100, W120	W120

**other**

headsail boom swivel	120-050, 120-060, 121-007	120-100, 120-110, 120D, 121-125	120-100, 120-110, 120D, 121-125
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**larger classes**

	M 10R 6M AC/15 boats under 12 kgs	A AC/12 boats 12-20 kgs	A AC/10 boats 20-30 kgs
item			

**rigging wires and trim lines**

shrouds	W060, W060ST, W075, WFLAT	W075, W080	-
forestay	W060	W075	-
backstay	W060, W060ST, WFLAT	W075, W080, WFLAT	W075, W080
headsail boom topping lift	W045, W060, W060ST, WFLAT	W060, W060ST, WFLAT	W060, W060ST, WFLAT
adjustments to forestay & backstay	D50, D75	D75, D110	D110
Cunningham lines	D30	D50, D75	D75

**sheets and winch lines**

winch control line	D75	D110	-
main sheet	D30, D50	D75	D110
headsail boom sheet	D30, D50	D50	D75

**terminations & adjustments**

rigging screw	030-030, 030-030SL, 030-035, 031S	030-035, 031S, 030-040	030-040
bowsies for backstay and forestay	057C, 057B	057B	057B
bowsies for other control lines	057X, 057C	057C	057B
block for main winch control line	061-010	061-013	061-013
blocks, other	061-008, 061-010	061-010	061-010
hooks for shroud, backstay & forestay	W140, W150	W180	W200
hooks for shroud, backstay & forestay	087B, 087G	087H	-
hooks, other	W120	W150	W150, W180

**other**

headsail boom swivel	120-100, 120-110, 120D, 120-120, 12120-120, 120-140	120-140
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SAILSetc product code	product description	unit quantity - metres
W045ST	0.45 mm diameter straight single strand wire	2, 10 or 20
W065ST	0.60 mm diameter straight single strand wire	2, 10 or 20
W045	0.45 mm diameter x seven strand wire	10
W065	0.60 mm diameter x seven strand wire	10
W075	0.75 mm diameter x seven strand wire	10
W055	0.55 mm diameter x single strand wire	10
W080	0.80 mm diameter x single strand wire	10
WFLAT	0.9 mm x 0.25 mm single strand flat wire	10
W100	1.0 mm diameter straight wire	0.3
W120	1.2 mm diameter straight wire	0.3
W140	1.4 mm diameter straight wire	0.3
W150	1.5 mm diameter straight wire	0.3
W180	1.8 mm diameter straight wire	0.3
D30 & D130	30 kg breaking strain braided Dyneema	20 & 90
D50 & D150	50 kg breaking strain braided Dyneema	20 & 90
D75 & D175	75 kg breaking strain braided Dyneema	20 & 90
D110	110 kg breaking strain braided Dyneema	20