

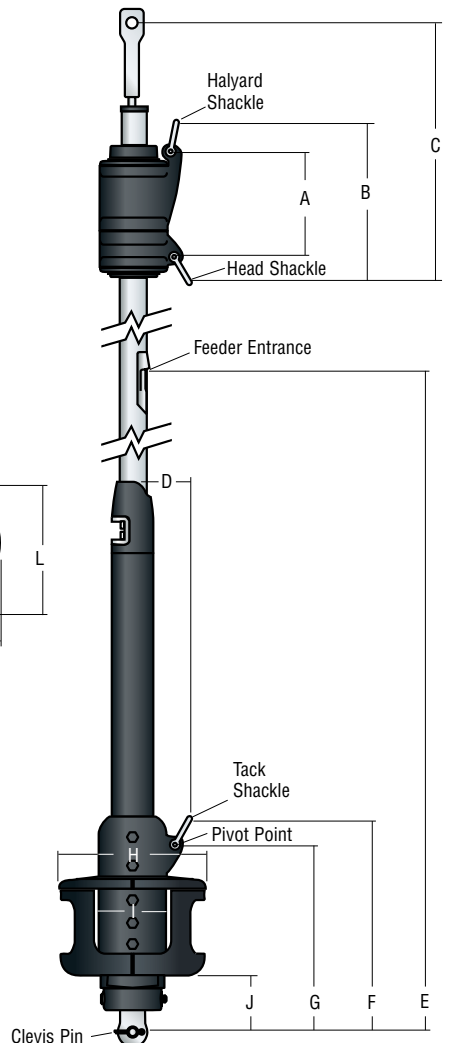
# Furling Dimensions

System	Unit	A	B	C	D	E	F	G	H	I	J				
		Max	Min	Max	Min	Max	Min	Max	Min	Max	Min				
OOAL	OOAL	3 <sup>3</sup> / <sub>4</sub> "	6 <sup>5</sup> / <sub>16</sub> "	9"	5 <sup>1</sup> / <sub>8</sub> "	38"	33"	7 <sup>7</sup> / <sub>8</sub> "	—	6 <sup>1</sup> / <sub>8</sub> "	—	5 <sup>9</sup> / <sub>4</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>1</sup> / <sub>2</sub> "	—
		95 mm	160 mm	229 mm	16 mm	965 mm	838 mm	187 mm	—	156 mm	—	146 mm	66 mm	63 mm	—
MKIV*	0	3 <sup>3</sup> / <sub>4</sub> "	5 <sup>1</sup> / <sub>8</sub> "	9 <sup>1</sup> / <sub>8</sub> "	1 <sup>7</sup> / <sub>8</sub> "	41"	39 <sup>1</sup> / <sub>2</sub> "	8 <sup>3</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>4</sub> "	7 <sup>3</sup> / <sub>16</sub> "	7 <sup>3</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>2</sub> "	2 <sup>5</sup> / <sub>8</sub> "	2 <sup>5</sup> / <sub>16</sub> "	2 <sup>3</sup> / <sub>16</sub> "
		96 mm	150 mm	250 mm	47 mm	1041 mm	1003 mm	213 mm	209 mm	186 mm	183 mm	140 mm	66 mm	59 mm	56 mm
	1	4 <sup>1</sup> / <sub>4</sub> "	7"	13"	2"	46 <sup>1</sup> / <sub>4</sub> "	42 <sup>1</sup> / <sub>4</sub> "	13 <sup>1</sup> / <sub>8</sub> "	9 <sup>1</sup> / <sub>2</sub> "	11"	8 <sup>1</sup> / <sub>2</sub> "	6 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>16</sub> "	2 <sup>3</sup> / <sub>16</sub> "
		120 mm	178 mm	330 mm	51 mm	1175 mm	1073 mm	333 mm	241 mm	279 mm	216 mm	167 mm	78 mm	129 mm	65 mm
	2	5 <sup>5</sup> / <sub>8</sub> "	9 <sup>1</sup> / <sub>8</sub> "	16"	2 <sup>3</sup> / <sub>16</sub> "	51 <sup>3</sup> / <sub>4</sub> "	46 <sup>3</sup> / <sub>4</sub> "	15 <sup>1</sup> / <sub>8</sub> "	12 <sup>1</sup> / <sub>16</sub> "	13 <sup>15</sup> / <sub>16</sub> "	10 <sup>7</sup> / <sub>8</sub> "	8 <sup>3</sup> / <sub>16</sub> "	3 <sup>13</sup> / <sub>16</sub> "	6 <sup>7</sup> / <sub>16</sub> "	3 <sup>3</sup> / <sub>8</sub> "
		143 mm	231 mm	406 mm	66 mm	1314 mm	1187 mm	384 mm	306 mm	348 mm	276 mm	208 mm	97 mm	164 mm	85 mm
	3	7 <sup>1</sup> / <sub>16</sub> "	11 <sup>5</sup> / <sub>8</sub> "	18"	3 <sup>3</sup> / <sub>8</sub> "	50 <sup>9</sup> / <sub>8</sub> "	50 <sup>9</sup> / <sub>16</sub> "	18 <sup>11</sup> / <sub>16</sub> "	18 <sup>1</sup> / <sub>16</sub> "	16 <sup>13</sup> / <sub>16</sub> "	16 <sup>1</sup> / <sub>2</sub> "	9 <sup>3</sup> / <sub>4</sub> "	4 <sup>3</sup> / <sub>4</sub> "	7 <sup>11</sup> / <sub>16</sub> "	7 <sup>1</sup> / <sub>8</sub> "
		186 mm	296 mm	457 mm	86 mm	1293 mm	1278 mm	474 mm	460 mm	427 mm	413 mm	247 mm	121 mm	195 mm	180 mm
	4	8 <sup>5</sup> / <sub>16</sub> "	**	21"	**	55 <sup>9</sup> / <sub>16</sub> "	55 <sup>1</sup> / <sub>16</sub> "	**	**	20 <sup>1</sup> / <sub>4</sub> "	19 <sup>9</sup> / <sub>16</sub> "	11 <sup>1</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>8</sub> "	8 <sup>7</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>16</sub> "
		227 mm	**	533 mm	**	1411 mm	1399 mm	**	**	515 mm	503 mm	280 mm	130 mm	225 mm	214 mm
MKIII	3.25	7 <sup>3</sup> / <sub>4</sub> "	12"	16 <sup>1</sup> / <sub>8</sub> "	1 <sup>3</sup> / <sub>4</sub> "	55 <sup>1</sup> / <sub>4</sub> "	41 <sup>3</sup> / <sub>4</sub> "	20 <sup>1</sup> / <sub>2</sub> "	17 <sup>1</sup> / <sub>2</sub> "	17"	14"	12"	11 <sup>1</sup> / <sub>8</sub> "	9"	6"
		197 mm	305 mm	410 mm	44 mm	1403 mm	1060 mm	521 mm	445 mm	432 mm	356 mm	305 mm	302 mm	229 mm	152 mm
	3.5	9 <sup>1</sup> / <sub>16</sub> "	13 <sup>3</sup> / <sub>16</sub> "	17"	1 <sup>3</sup> / <sub>4</sub> "	59"	53"	23"	19 <sup>9</sup> / <sub>4</sub> "	19 <sup>1</sup> / <sub>2</sub> "	16 <sup>1</sup> / <sub>4</sub> "	12"	11 <sup>7</sup> / <sub>8</sub> "	11 <sup>1</sup> / <sub>2</sub> "	8 <sup>1</sup> / <sub>4</sub> "
		233 mm	335 mm	432 mm	44 mm	1499 mm	1346 mm	584 mm	502 mm	495 mm	413 mm	305 mm	302 mm	292 mm	209 mm
	4	10 <sup>5</sup> / <sub>8</sub> "	15 <sup>1</sup> / <sub>4</sub> "	31"	2 <sup>3</sup> / <sub>4</sub> "	68"	60"	29"	25"	24"	20"	13 <sup>1</sup> / <sub>16</sub> "	13 <sup>3</sup> / <sub>4</sub> "	14"	10"
	270 mm	387 mm	787 mm	70 mm	1727 mm	1524 mm	737 mm	635 mm	610 mm	508 mm	342 mm	337 mm	356 mm	254 mm	
Cruising*	1	3 <sup>3</sup> / <sub>8</sub> "	6"	12"	1 <sup>3</sup> / <sub>8</sub> "	40 <sup>1</sup> / <sub>16</sub> "	33 <sup>1</sup> / <sub>4</sub> "	11 <sup>1</sup> / <sub>8</sub> "	9 <sup>1</sup> / <sub>4</sub> "	10 <sup>13</sup> / <sub>16</sub> "	8 <sup>1</sup> / <sub>4</sub> "	6 <sup>5</sup> / <sub>8</sub> "	3 <sup>1</sup> / <sub>16</sub> "	5 <sup>1</sup> / <sub>16</sub> "	2 <sup>1</sup> / <sub>2</sub> "
		93 mm	152 mm	305 mm	35 mm	1027 mm	845 mm	302 mm	235 mm	275 mm	210 mm	167 mm	78 mm	129 mm	64 mm
	2	4 <sup>1</sup> / <sub>2</sub> "	8"	16"	1 <sup>1</sup> / <sub>16</sub> "	50 <sup>3</sup> / <sub>4</sub> "	42 <sup>1</sup> / <sub>16</sub> "	14 <sup>7</sup> / <sub>8</sub> "	11 <sup>3</sup> / <sub>4</sub> "	13 <sup>1</sup> / <sub>2</sub> "	10 <sup>3</sup> / <sub>8</sub> "	8 <sup>3</sup> / <sub>16</sub> "	3 <sup>1</sup> / <sub>16</sub> "	6 <sup>1</sup> / <sub>2</sub> "	3 <sup>3</sup> / <sub>8</sub> "
	114 mm	203 mm	406 mm	42 mm	1289 mm	1078 mm	378 mm	298 mm	343 mm	264 mm	208 mm	97 mm	165 mm	86 mm	

\*\*Soft attachment tack, head, and halyard; distance varies

**\*Note: If a long link plate is used, add the following dimensions to feeder (E), shackle (F), pivot point (G) and drum height (J) (based on whether plate is used full-length or shortened to one of five hole positions). Do not add to halyard swivel or top terminal dimensions.**

Unit	Clevis pin	Dimensions
Unit 1	1/2" (12.7 mm)	Add 13 1/4" - 6 3/8" (337 - 162 mm)
	5/8" (15.9 mm)	Add 11 1/4" - 4 3/8" (286 - 111 mm)
Unit 2	5/8" (15.9 mm)	Add 16 1/8" - 8 1/4" (410 - 210 mm)
	3/4" (19.1 mm)	Add 13 3/16" - 5 1/16" (344 - 144 mm)
Unit 3	3/4" (19.1 mm)	Add 19 9/16" - 10 11/16" (497 - 271 mm)
	7/8" (22.2 mm)	Add 19 7/8" - 11" (505 - 279 mm)



Alerion 38 — Billy Black photo

## Foil Dimensions

System	Unit	K		L		Foil length		Luff tape
		in	mm	in	mm	ft	m	
OOAL	OOAL	3/4	20	1	25	7	2.13	#6 5/32" (5 mm)
	0	7/8	23	1 1/32	26	7	2.13	#6 5/32" (5 mm)
MKIV	1	1	25	1 1/8	29	7	2.13	#6 5/32" (5 mm)
	2	1 1/4	32	1 3/8	36	7	2.13	#6 5/32" (5 mm)
	3	1 1/2	38	1 11/16	43	7	2.13	#6 5/32" (5 mm)
	4	1 3/4	44	1 27/32	47	7	2.13	#6 5/32" (5 mm)
MKIII	3.25	1 5/16	33	1 11/16	43	7	2.13	#6 5/32" (5 mm)
	3.5	1 9/16	40	1 15/16	49	9	2.74	#6 5/32" (5 mm)
	4	1 15/16	49	2 1/16	61	9	2.74	#6 5/32" (5 mm), #7 1/32" (6 mm)
	4.5	2 1/16	68	3 3/16	81	12	3.66	#6 5/32" (5 mm), #7 1/32" (6 mm)
Cruising	1	1 3/8	35	1 3/8	35	7	2.13	#6
	2	1 3/4	44	1 3/8	42	7	2.13	#6