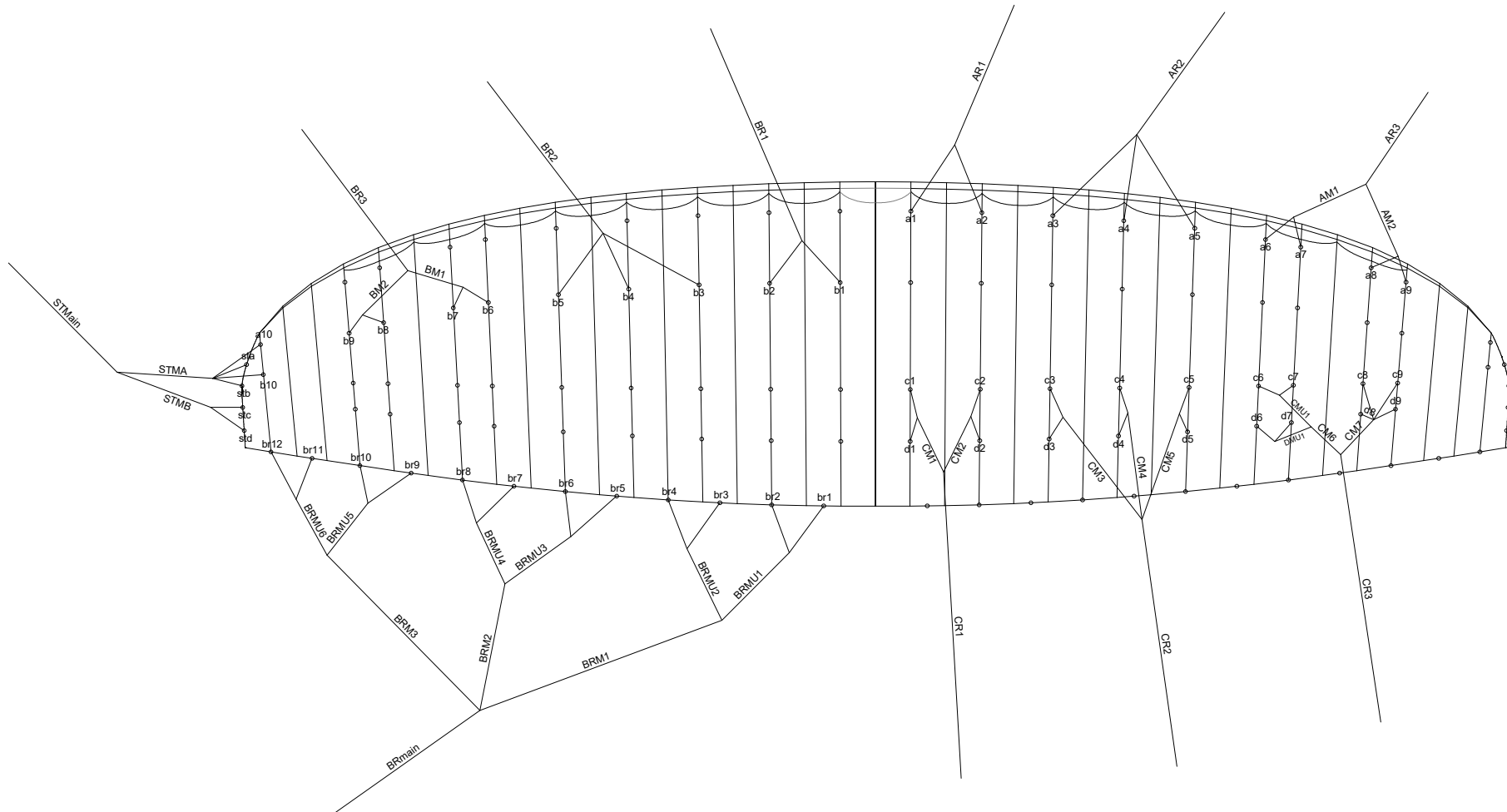


Eona 4 all sizes lines layout  
rev 2 - 24 11 2023



Fabrics	Producer	Reference
<b>Outer surface</b>	Dominico Tex	30DMF (Bord d'attaque) / N20DMF
<b>Inner surface</b>	Myungjin Textile	MJ 32 MF
<b>Supported ribs</b>	Porcher Sports	Skytex 40 hard
<b>Compression straps</b>	Myungjin Textile	MJ 32 HF
<b>D ribs</b>	Myungjin Textile	MJ 32 HF
<b>Unsupported ribs</b>	Myungjin Textile	MJ 32 HF
<b>Reinforcement ribs</b>	Porcher Sports	Dacron / Sticky Skytex

Main lines	Producer	Reference
Top cascade	Liros	PPSL 120 / DSL 70
Middle cascade	Liros	PPSL 120 / DSL 70
Low cascade	Edelrid	A7343-230 / A7343-190

Stabilo lines	Producer	Reference
Top cascade	Liros	DSL 70
Middle cascade	Liros	DSL 70
Low cascade	Edelrid	A7343-140

Brake lines	Producer	Reference
Top cascade	Liros	DSL 70
Upper middle cascade	Liros	PPSL 120 / DSL 70
Lower cascade	Edelrid	7850X-240

Connexion lines / risers
MJ00

## Glider EONA 4 Size XS

### Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITH risers and Maillons Rapides, were under 5 kg

	A			B			C			D			BRAKE		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
1	6109	6109	0	6043	6046	3	6145	6149	4	6273	6273	-1	6451	6446	-5
2	6082	6080	-2	6011	6014	3	6109	6113	4	6234	6235	1	6233	6231	-2
3	6079	6077	-2	6003	6003	-1	6091	6095	4	6226	6217	-9	6096	6093	-3
4	6014	6016	2	5938	5944	6	6024	6028	4	6150	6142	-8	5986	5984	-2
5	6038	6039	1	5962	5964	2	6044	6048	4	6154	6145	-9	5939	5940	1
6	5989	5995	6	5916	5914	-2	5975	5972	-3	6038	6033	-5	5798	5800	2
7	5941	5945	4	5877	5873	-4	5941	5941	0	5994	5990	-4	5742	5743	1
8	5829	5832	3	5780	5776	-4	5854	5856	2	5918	5922	4	5757	5758	1
9	5814	5819	5	5775	5771	-5	5853	5859	6	5883	5890	7	5696	5700	4
10													5643	5644	1
11	5480	5480	0	5445	5445	0							5558	5560	2
12	5428	5430	2	5434	5432	-2	5434	5439	5	5488	5489	1	5617	5612	-5

Tolérance +/- 10mm

## Riser length (mm)

Risers length, Measured with carabiner.

	Trim			Accelerated		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
A	497	494	-3	377	377	0
A'	597	594	-3	477	477	0
B	497	495	-2	417	418	1
C	497	495	-2	497	495	-2

Tolérance +/- 5mm

## Glider EONA 4 Size XS

Lines individual lengths											
A LINES		B LINES		C LINES		D LINES		STABILO LINES		BRAKE LINES	
NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*
AR1	4343	BR1	4288	CR1	4310	DMU1	630	STMain	3738	BRmain	2509
AR2	3512	BR2	3447	CR2	3511						
AR3	3513	BR3	3555	CR3	3624	d1	995	STMA	747	BRM1	1819
						d2	968	STMB	821	BRM2	1795
AM1	1524	BM1	1524	CM1	487	d3	975			BRM3	1828
AM2	1317	BM2	1409	CM2	475	d4	929	sta	460		
				CM3	1264	d5	881	stb	466	BRMU1	1095
a1	1271	b1	1260	CM4	1234	d6	349	stc	392	BRMU2	1085
a2	1244	b2	1228	CM5	1286	d7	305	std	446	BRMU3	999
a3	2073	b3	2062	CM6	955	d8	400			BRMU4	989
a4	2008	b4	1997	CM7	1414	d9	365			BRMU5	984
a5	2032	b5	2021							BRMU6	1036
a6	363	b6	348	CMU1	565						
a7	315	b7	309							br1	1090
a8	410	b8	327	c1	867					br2	872
a9	395	b9	322	c2	843					br3	745
a10	512	b10	477	c3	835					br4	635
				c4	798					br5	698
				c5	766					br6	557
				c6	351					br7	511
				c7	317					br8	526
				c8	336					br9	437
				c9	335					br10	384
										br11	192
										br12	251

Tolérance +/- 10mm

Lines lengths under 5 kg of tension

## Glider EONA 4 Size S

### Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITH risers and Maillons Rapides, were under 5 kg

	A			B			C			D			BRAKE		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
1	6446	6453	7	6375	6383	8	6485	6491	6	6622	6624	2	6793	6787	-6
2	6418	6424	6	6342	6347	5	6447	6449	2	6579	6583	4	6563	6560	-3
3	6423	6428	5	6333	6336	3	6427	6432	5	6570	6562	-8	6420	6418	-2
4	6354	6363	9	6265	6273	8	6357	6366	9	6491	6485	-6	6304	6303	-1
5	6380	6384	4	6291	6295	4	6378	6384	6	6495	6489	-6	6256	6252	-4
6	6327	6334	7	6245	6249	4	6304	6306	2	6379	6371	-8	6108	6101	-7
7	6276	6281	5	6203	6206	3	6268	6271	3	6333	6324	-9	6050	6046	-4
8	6157	6165	8	6101	6106	5	6182	6182	0	6252	6253	1	6067	6066	-1
9	6141	6148	7	6095	6100	5	6181	6182	1	6216	6215	-1	6002	5994	-8
10													5947	5942	-5
11	5784	5776	-8	5749	5741	-8							5857	5848	-9
12	5721	5725	4	5726	5730	4	5727	5731	4	5784	5791	7	5920	5910	-10

Tolérance +/- 10mm

## Riser length (mm)

Risers length, Measured with carabiner.

	Trim			Accelerated		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
<b>A</b>	514	518	4	384	386	2
<b>A'</b>	614	613	-1	484	483	-1
<b>B</b>	514	517	3	427	429	2
<b>C</b>	514	516	2	514	516	2

Tolérance +/- 5mm

## Glider EONA 4 Size S

Lines individual lengths											
A LINES		B LINES		C LINES		D LINES		STABILO LINES		BRAKE LINES	
NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*
AR1	4588	BR1	4529	CR1	4553	DMU1	669	STMain	3952	BRmain	2628
AR2	3719	BR2	3641	CR2	3710						
AR3	3724	BR3	3758	CR3	3833	d1	1054	STMA	789	BRM1	1921
						d2	1024	STMB	867	BRM2	1898
AM1	1610	BM1	1610	CM1	514	d3	1025			BRM3	1934
AM2	1391	BM2	1488	CM2	501	d4	977	sta	487		
				CM3	1334	d5	926	stb	492	BRMU1	1155
a1	1343	b1	1331	CM4	1303	d6	369	stc	415	BRMU2	1146
a2	1315	b2	1298	CM5	1358	d7	323	std	472	BRMU3	1055
a3	2190	b3	2178	CM6	1008	d8	425			BRMU4	1046
a4	2121	b4	2110	CM7	1494	d9	389			BRMU5	1040
a5	2147	b5	2136							BRMU6	1096
a6	384	b6	368	CMU1	592						
a7	333	b7	326							br1	1151
a8	433	b8	346	c1	917					br2	921
a9	417	b9	340	c2	892					br3	787
a10	540	b10	505	c3	882					br4	671
				c4	843					br5	737
				c5	809					br6	589
				c6	371					br7	540
				c7	335					br8	557
				c8	355					br9	462
				c9	354					br10	407
										br11	206
										br12	269

Lines lengths under 5 kg of tension

Tolérance +/- 10mm

## Glider EONA 4 Size M

### Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITH risers and Maillons Rapides, were under 5 kg

	A			B			C			D			BRAKE		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
1	6775	6777	2	6698	6700	2	6809	6802	-7	6954	6947	-7	7168	7161	-7
2	6747	6751	4	6665	6666	1	6769	6763	-6	6909	6902	-8	6928	6921	-7
3	6751	6750	-1	6657	6660	3	6755	6746	-9	6910	6901	-9	6784	6782	-2
4	6681	6684	3	6587	6592	5	6683	6679	-4	6828	6819	-9	6664	6662	-2
5	6708	6709	1	6614	6616	2	6705	6698	-7	6832	6824	-8	6609	6605	-4
6	6657	6661	4	6575	6580	5	6630	6625	-5	6700	6692	-9	6455	6453	-2
7	6604	6609	5	6531	6535	4	6593	6589	-4	6652	6646	-6	6394	6391	-3
8	6479	6483	4	6423	6429	6	6498	6496	-2	6574	6572	-3	6416	6414	-2
9	6462	6463	1	6417	6421	4	6497	6496	-1	6536	6536	0	6345	6341	-4
10													6286	6283	-3
11	6076	6077	1	6038	6041	3							6191	6186	-5
12	6019	6020	1	6025	6027	2	6025	6021	-4	6084	6081	-3	6255	6249	-6

Tolérance +/- 10mm

## Riser length (mm)

Risers length, Measured with carabiner.

	Trim			Accelerated		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
<b>A</b>	514	518	4	384	387	3
<b>A'</b>	614	616	2	484	486	2
<b>B</b>	514	517	3	427	431	4
<b>C</b>	514	517	3	514	517	3

Tolérance +/- 5mm

## Glider EONA 4 Taille M

Lines individual lengths											
A LINES		B LINES		C LINES		D LINES		STABILO LINES		BRAKE LINES	
NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*
AR1	4845	BR1	4781	CR1	4800	DMU1	700	STMain	4170	BRmain	2782
AR2	3929	BR2	3847	CR2	3918						
AR3	3946	BR3	3979	CR3	4049	d1	1112	STMA	832	BRM1	2023
						d2	1080	STMB	914	BRM2	2001
AM1	1697	BM1	1698	CM1	541	d3	1085			BRM3	2040
AM2	1467	BM2	1570	CM2	528	d4	1035	sta	514		
				CM3	1406	d5	981	stb	520	BRMU1	1215
a1	1415	b1	1402	CM4	1374	d6	389	stc	438	BRMU2	1213
a2	1387	b2	1369	CM5	1432	d7	341	std	497	BRMU3	1112
a3	2308	b3	2296	CM6	1062	d8	450			BRMU4	1103
a4	2238	b4	2226	CM7	1575	d9	412			BRMU5	1097
a5	2265	b5	2253							BRMU6	1155
a6	405	b6	389	CMU1	628						
a7	352	b7	345							br1	1210
a8	457	b8	365	c1	967					br2	970
a9	440	b9	359	c2	940					br3	828
a10	571	b10	533	c3	930					br4	708
				c4	890					br5	776
				c5	854					br6	622
				c6	391					br7	570
				c7	354					br8	592
				c8	374					br9	488
				c9	373					br10	429
										br11	221
										br12	285

Tolérance +/- 10mm  
Lines lengths under 5 kg of tensionv



## Glider EONA 4 size ML

### Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITH risers and Maillons Rapides, were under 5 kg

	A			B			C			D			BRAKE		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
1	7017	7019	2	6938	6941	3	7061	7057	-4	7213	7209	-4	7430	7425	-5
2	6987	6992	5	6903	6906	3	7019	7017	-2	7165	7163	-3	7181	7175	-6
3	6998	6991	-7	6901	6896	-5	7003	7003	0	7164	7162	-2	7027	7022	-5
4	6925	6925	0	6828	6827	-1	6927	6931	4	7077	7080	3	6903	6900	-3
5	6953	6950	-3	6856	6851	-5	6951	6952	1	7083	7086	3	6851	6847	-4
6	6896	6899	3	6811	6811	0	6873	6865	-8	6946	6938	-8	6692	6688	-4
7	6841	6841	0	6765	6766	1	6835	6829	-6	6896	6890	-6	6630	6626	-4
8	6711	6711	0	6654	6655	1	6737	6736	-1	6818	6814	-4	6648	6641	-7
9	6692	6694	2	6647	6646	-1	6736	6737	1	6778	6777	-1	6579	6573	-6
10													6519	6517	-2
11	6291	6290	-1	6252	6251	-1							6420	6415	-5
12	6232	6232	0	6238	6237	-1	6239	6238	-1	6300	6298	-2	6487	6484	-3

Tolérance +/- 10mm

Risers length, Measured with carabiner.

	Trim			Accelerated		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
<b>A</b>	537	536	-1	392	394	2
<b>A'</b>	637	635	-2	492	494	2
<b>B</b>	537	537	0	440	442	2
<b>C</b>	537	536	-1	537	536	-1

Tolérance +/- 5mm

## Glider EONA 4 Taille ML

Lines individual lengths											
A LINES		B LINES		C LINES		D LINES		STABILO LINES		BRAKE LINES	
NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*
AR1	5015	BR1	4950	CR1	4977	DMU1	725	STMain	4316	BRmain	2882
AR2	4073	BR2	3988	CR2	4062						
AR3	4090	BR3	4121	CR3	4199	d1	1155	STMA	861	BRM1	2097
						d2	1120	STMB	946	BRM2	2075
AM1	1758	BM1	1758	CM1	560	d3	1125			BRM3	2116
AM2	1518	BM2	1625	CM2	547	d4	1072	sta	532		
				CM3	1456	d5	1017	stb	538	BRMU1	1259
a1	1467	b1	1453	CM4	1422	d6	403	stc	454	BRMU2	1252
a2	1437	b2	1418	CM5	1483	d7	353	std	515	BRMU3	1152
a3	2391	b3	2379	CM6	1099	d8	468			BRMU4	1144
a4	2318	b4	2306	CM7	1631	d9	428			BRMU5	1137
a5	2346	b5	2334							BRMU6	1198
a6	419	b6	403	CMU1	650						
a7	364	b7	357							br1	1254
a8	474	b8	379	c1	1003					br2	1005
a9	455	b9	372	c2	974					br3	858
a10	591	b10	552	c3	964					br4	734
				c4	922					br5	804
				c5	885					br6	645
				c6	405					br7	591
				c7	367					br8	609
				c8	387					br9	506
				c9	386					br10	446
										br11	231
										br12	298

Tolérance +/- 10mm  
Lines lengths under 5 kg of tension

## Glider EONA 4 Size L

### Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITH risers and Maillons Rapides, were under 5 kg

	A			B			C			D			BRAKE		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
1	7296	7302	6	7214	7220	6	7343	7343	0	7502	7497	-5	7741	7739	-2
2	7266	7270	4	7179	7182	3	7301	7302	1	7452	7446	-6	7484	7482	-2
3	7267	7270	3	7174	7180	6	7285	7285	0	7453	7450	-3	7325	7321	-4
4	7192	7195	3	7099	7106	7	7208	7210	2	7365	7362	-4	7197	7195	-2
5	7221	7224	3	7129	7132	3	7233	7230	-3	7370	7367	-3	7145	7138	-8
6	7169	7169	0	7080	7084	4	7146	7145	-1	7221	7218	-3	6980	6975	-5
7	7112	7113	1	7032	7033	1	7107	7108	1	7170	7170	-1	6914	6912	-2
8	6977	6978	1	6917	6922	5	7005	7006	1	7091	7089	-2	6933	6931	-2
9	6958	6957	-1	6910	6914	4	7005	7007	2	7050	7052	2	6862	6863	1
10													6800	6799	-1
11	6543	6542	-1	6502	6503	1							6696	6689	-7
12	6482	6484	2	6487	6489	2	6487	6489	2	6551	6551	0	6765	6759	-6

Tolérance +/- 10mm

Risers length, Measured with carabiner.

	Trim			Accelerated		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
<b>A</b>	537	536	-1	392	394	2
<b>A'</b>	637	635	-2	492	493	1
<b>B</b>	537	537	0	440	443	3
<b>C</b>	537	537	0	537	537	0

Tolérance +/- 5mm

## Glider EONA 4 Taille L

Lines individual lengths											
A LINES		B LINES		C LINES		D LINES		STABILO LINES		BRAKE LINES	
NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*	NAME	F LENGHT*
AR1	5233	BR1	5166	CR1	5194	DMU1	755	STMain	4505	BRmain	3005
AR2	4241	BR2	4161	CR2	4243						
AR3	4271	BR3	4299	CR3	4382	d1	1204	STMA	898	BRM1	2184
						d2	1167	STMB	986	BRM2	2163
AM1	1832	BM1	1832	CM1	583	d3	1172			BRM3	2206
AM2	1583	BM2	1694	CM2	570	d4	1118	sta	556		
				CM3	1517	d5	1060	stb	561	BRMU1	1310
a1	1528	b1	1513	CM4	1483	d6	419	stc	473	BRMU2	1304
a2	1498	b2	1478	CM5	1546	d7	368	std	537	BRMU3	1201
a3	2492	b3	2479	CM6	1145	d8	489			BRMU4	1192
a4	2417	b4	2404	CM7	1700	d9	448			BRMU5	1186
a5	2446	b5	2434							BRMU6	1249
a6	437	b6	420	CMU1	677						
a7	380	b7	372							br1	1304
a8	494	b8	395	c1	1045					br2	1047
a9	475	b9	388	c2	1016					br3	894
a10	617	b10	576	c3	1004					br4	766
				c4	961					br5	838
				c5	923					br6	673
				c6	422					br7	616
				c7	383					br8	635
				c8	403					br9	527
				c9	403					br10	465
										br11	243
										br12	312

Lines lengths under 5 kg of tension  
Tolérance +/- 10mm