



# LINE DATA

/ARAK2

**DE Information Leinendaten**

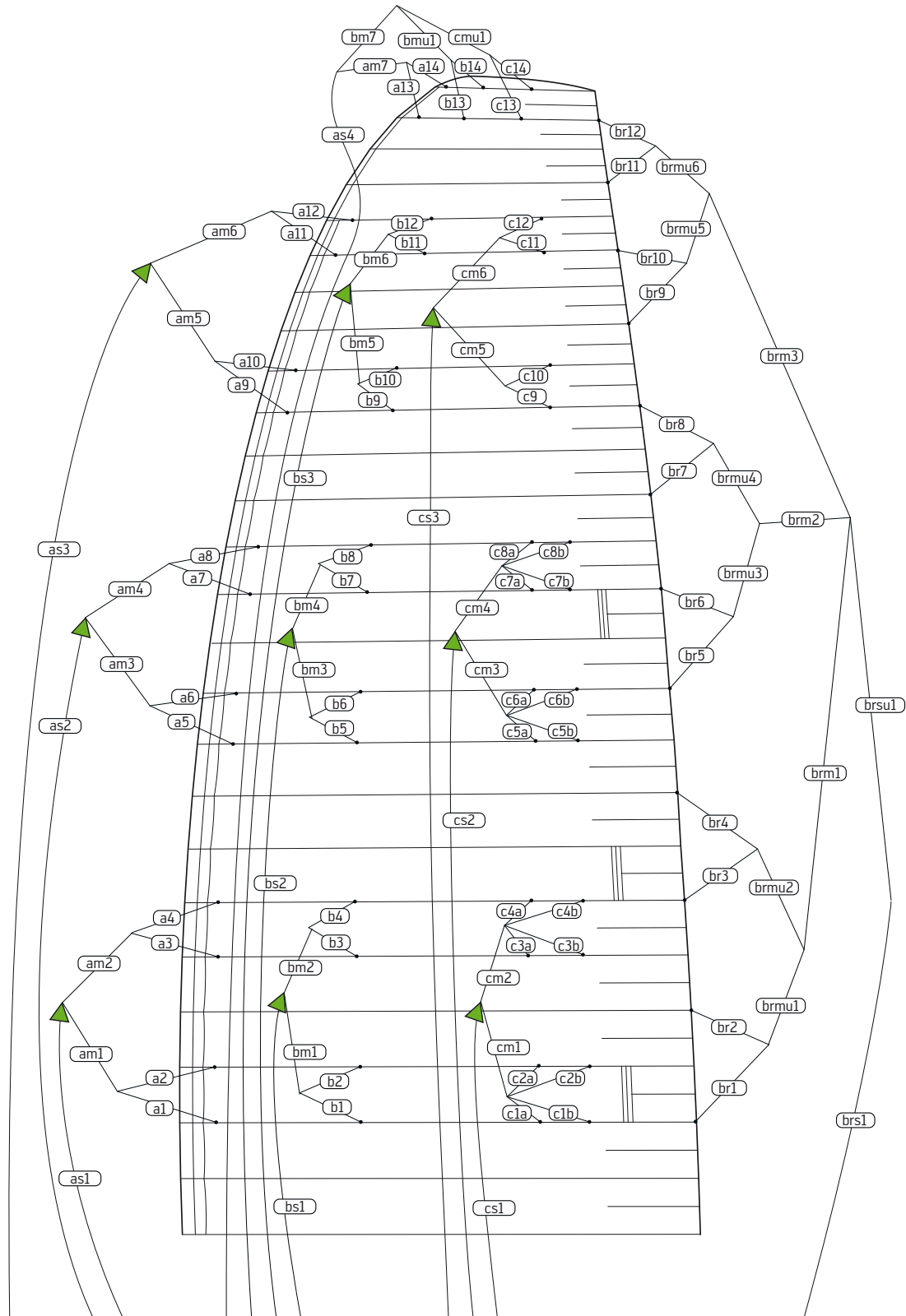
Grundsätzlich wird für Gleitschirmchecks und Leinenvermessungen empfohlen, ein von skywalk zertifiziertes Checkcenter aufzusuchen. Nur dann kann garantiert werden, dass die Überprüfung nach Herstellervorgaben erfolgt.

Da das Klima, die Belastung sowie die Handhabung einen erheblichen Einfluss auf die Alterung des Gleitschirms haben, dienen die bereitgestellten Daten als Hilfestellung, ersetzen aber keineswegs einen fachkundigen Check. Des Weiteren ist es äußerst schwierig, ohne Vorkenntnisse eine verlässliche und reproduzierbare Gleitschirmvermessung durchzuführen.

**EN Information line data**

For paraglider inspections and line measurements, it is recommended to visit a check center certified by skywalk. This is the only way to guarantee that the inspection is carried out according to the manufacturer's specifications.

Because the climate, the load, and the handling have considerable influence on the aging of the paraglider, the data provided serves as an aid, but in no way replaces an expert inspection. Furthermore, it is extremely difficult to perform a reliable and reproducible paraglider measurement without prior experience.



A2 (as3)

A1 (as2, as1)

B (as4, bs3, bs2, bs1)

C (cs3, cs2, cs1)

Brake Handle

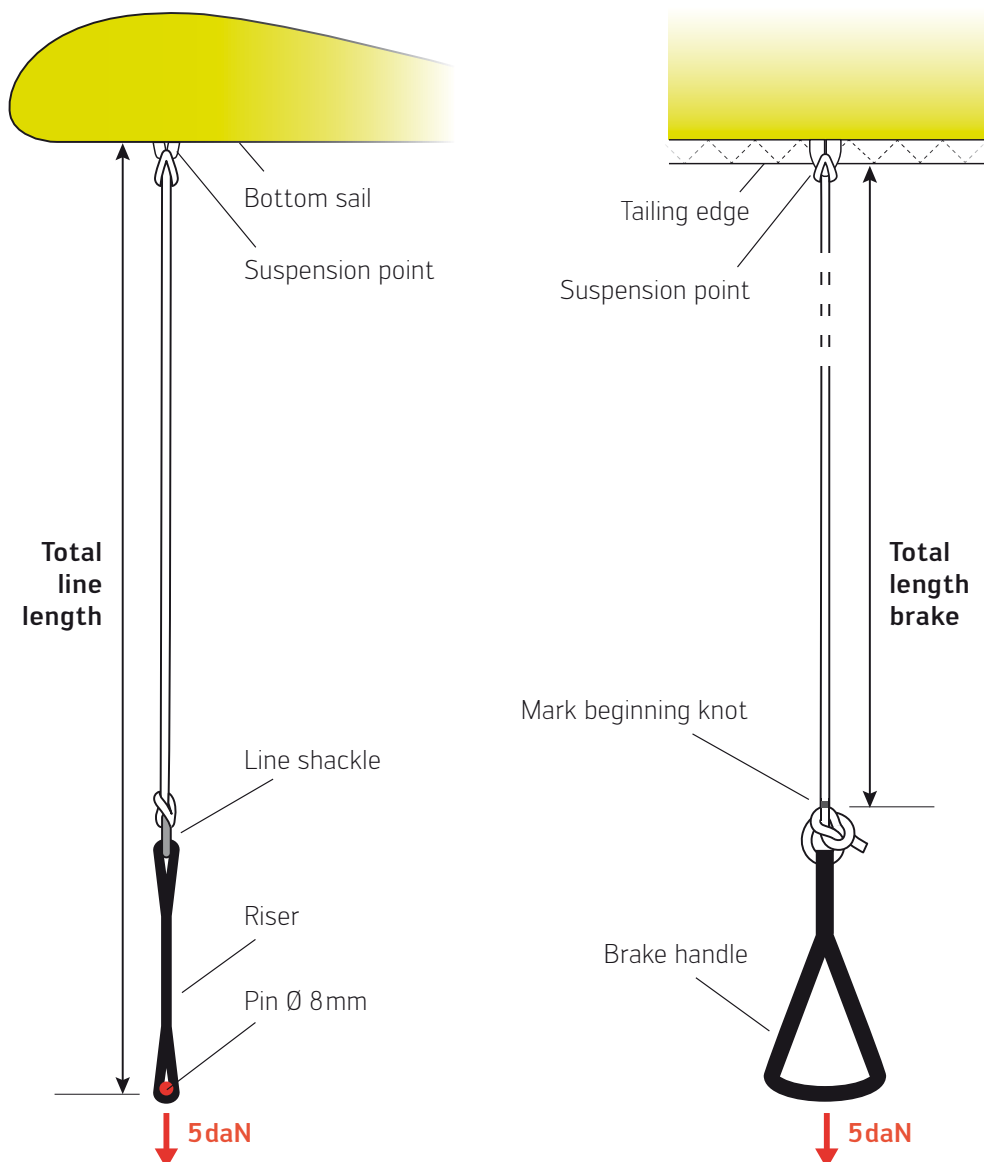
Loopcover ▲

**DE Anweisung Leinenvermessung Gesamtleinenlänge**

- Die Vermessung der Gesamtleinenlängen erfolgt inklusive Tragegurte und bis zum Untersegel.
- Leinen werden grundsätzlich unter einer Last von 5daN gemessen.
- Bei Motortragegurten erfolgt die Messung ohne betätigten Trimmer bzw. bei vollständig geschlossenem Trimmer, sprich alle Leinenschlösser befinden sich auf selber Höhe.
- Der Bolzendurchmesser für die Vermessung beträgt 8mm.
- Die Bremsleine wird vom Knoten am Bremsgriff bis zum Untersegel (inkl. Raffsystem) gemessen.

**EN Instructions for line measurement total line length**

- The measurement of the total line lengths is done including risers and up to the lower sail.
- Lines should always measured under a load of 5daN.
- In the case of risers for powered paragliders, the measurement is carried out without the trimmer activated or with the trimmer fully closed, i.e. all line shackles are at the same height.
- The pin diameter for the measurement is 8mm.
- The brake line is measured from the knot at the brake handle to the lower sail (incl. gathering system).



**Size 75**

<b>A</b>	Nom
a1	6643
a2	6608
a3	6584
a4	6596
a5	6557
a6	6526
a7	6491
a8	6494
a9	6401
a10	6353
a11	6258
a12	6248
a13	5979
a14	5896

<b>B</b>	Nom
b1	6566
b2	6531
b3	6509
b4	6523
b5	6489
b6	6461
b7	6433
b8	6440
b9	6336
b10	6289
b11	6183
b12	6161
b13	5966
b14	5880

<b>Ca</b>	Nom
c1a	6664
c2a	6628
c3a	6605
c4a	6620
c5a	6593
c6a	6562
c7a	6532
c8a	6536
c9	6415
c10	6358
c11	6201
c12	6171
c13	5990
c14	5931

<b>Cb</b>	Nom
c1b	6745
c2b	6713
c3b	6687
c4b	6699
c5b	6657
c6b	6629
c7b	6593
c8b	6594

<b>BRAKE</b>	Nom
br1	6927
br2	6632
br3	6477
br4	6458
br5	6371
br6	6241
br7	6190
br8	6192
br9	6140
br10	6022
br11	5979
br12	5968

**Size 85**

<b>A</b>	Nom
a1	6937
a2	6902
a3	6878
a4	6891
a5	6851
a6	6818
a7	6783
a8	6787
a9	6691
a10	6641
a11	6542
a12	6532
a13	6251
a14	6165

<b>B</b>	Nom
b1	6856
b2	6820
b3	6798
b4	6814
b5	6781
b6	6752
b7	6724
b8	6731
b9	6623
b10	6575
b11	6465
b12	6442
b13	6236
b14	6147

<b>Ca</b>	Nom
c1a	6959
c2a	6922
c3a	6900
c4a	6916
c5a	6889
c6a	6858
c7a	6828
c8a	6832
c9	6704
c10	6645
c11	6482
c12	6451
c13	6261
c14	6201

<b>Cb</b>	Nom
c1b	7043
c2b	7011
c3b	6986
c4b	6999
c5b	6957
c6b	6927
c7b	6891
c8b	6893

<b>BRAKE</b>	Nom
br1	7258
br2	6952
br3	6790
br4	6771
br5	6679
br6	6544
br7	6491
br8	6494
br9	6441
br10	6318
br11	6275
br12	6263

**Size 95**

<b>A</b>	Nom
a1	7178
a2	7142
a3	7119
a4	7133
a5	7093
a6	7060
a7	7023
a8	7027
a9	6929
a10	6878
a11	6777
a12	6766
a13	6475
a14	6388

<b>B</b>	Nom
b1	7095
b2	7058
b3	7037
b4	7053
b5	7022
b6	6992
b7	6963
b8	6972
b9	6860
b10	6810
b11	6698
b12	6674
b13	6460
b14	6369

<b>Ca</b>	Nom
c1a	7201
c2a	7163
c3a	7141
c4a	7159
c5a	7132
c6a	7100
c7a	7069
c8a	7073
c9	6944
c10	6883
c11	6717
c12	6685
c13	6486
c14	6424

<b>Cb</b>	Nom
c1b	7288
c2b	7255
c3b	7230
c4b	7245
c5b	7201
c6b	7172
c7b	7134
c8b	7136

<b>BRAKE</b>	Nom
br1	7506
br2	7190
br3	7023
br4	7004
br5	6909
br6	6771
br7	6716
br8	6720
br9	6665
br10	6538
br11	6495
br12	6484

## Size 105

<b>A</b>	Nom
a1	7400
a2	7364
a3	7339
a4	7355
a5	7315
a6	7281
a7	7244
a8	7249
a9	7147
a10	7095
a11	6990
a12	6979
a13	6678
a14	6589

<b>B</b>	Nom
b1	7307
b2	7271
b3	7250
b4	7268
b5	7236
b6	7206
b7	7176
b8	7185
b9	7068
b10	7017
b11	6901
b12	6877
b13	6663
b14	6569

<b>Ca</b>	Nom
c1a	7423
c2a	7384
c3a	7363
c4a	7382
c5a	7356
c6a	7322
c7a	7292
c8a	7297
c9	7166
c10	7104
c11	6932
c12	6900
c13	6689
c14	6626

<b>Cb</b>	Nom
c1b	7512
c2b	7479
c3b	7455
c4b	7470
c5b	7427
c6b	7397
c7b	7359
c8b	7361

<b>BRAKE</b>	Nom
br1	7754
br2	7429
br3	7258
br4	7239
br5	7141
br6	6998
br7	6943
br8	6948
br9	6891
br10	6761
br11	6716
br12	6705



## Size 115

<b>A</b>	Nom
a1	7640
a2	7602
a3	7579
a4	7596
a5	7555
a6	7520
a7	7482
a8	7487
a9	7383
a10	7329
a11	7221
a12	7210
a13	6901
a14	6810

<b>B</b>	Nom
b1	7550
b2	7513
b3	7493
b4	7512
b5	7480
b6	7449
b7	7419
b8	7428
b9	7312
b10	7259
b11	7140
b12	7114
b13	6885
b14	6790

<b>Ca</b>	Nom
c1a	7663
c2a	7624
c3a	7603
c4a	7623
c5a	7598
c6a	7564
c7a	7532
c8a	7537
c9	7402
c10	7338
c11	7163
c12	7129
c13	6912
c14	6848

<b>Cb</b>	Nom
c1b	7756
c2b	7722
c3b	7698
c4b	7714
c5b	7671
c6b	7640
c7b	7601
c8b	7604

<b>BRAKE</b>	Nom
br1	8038
br2	7703
br3	7526
br4	7507
br5	7406
br6	7259
br7	7202
br8	7207
br9	7150
br10	7016
br11	6970
br12	6958

## Size 135

<b>A</b>	Nom
a1	7950
a2	7912
a3	7889
a4	7907
a5	7866
a6	7830
a7	7792
a8	7797
a9	7689
a10	7633
a11	7521
a12	7509
a13	7186
a14	7093

<b>B</b>	Nom
b1	7852
b2	7814
b3	7794
b4	7814
b5	7782
b6	7750
b7	7720
b8	7730
b9	7608
b10	7553
b11	7429
b12	7403
b13	7170
b14	7072

<b>Ca</b>	Nom
c1a	7975
c2a	7935
c3a	7914
c4a	7936
c5a	7911
c6a	7876
c7a	7844
c8a	7850
c9	7704
c10	7637
c11	7456
c12	7421
c13	7198
c14	7132

<b>Cb</b>	Nom
c1b	8072
c2b	8037
c3b	8013
c4b	8030
c5b	7988
c6b	7955
c7b	7916
c8b	7919

<b>BRAKE</b>	Nom
br1	8375
br2	8027
br3	7844
br4	7825
br5	7719
br6	7567
br7	7509
br8	7514
br9	7456
br10	7317
br11	7269
br12	7258

**DE Anweisung Leinenvermessung Einzelleine**

- Leinen werden grundsätzlich unter einer Last von 5daN gemessen.
- Der Bolzendurchmesser für die Einzelleinenmessung beträgt 4mm.

**Leinentausch**

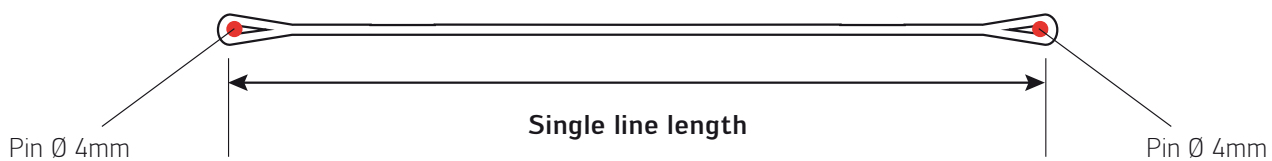
Da sich die Leinenlängen durch Alterung und äußere Einflüsse verändern können, empfehlen wir nach einem Leinentausch, den Gleitschirm zu vermessen.

**EN Instructions for line measurement singleline length**

- Lines should always measured under a load of 5daN.
- The pin diameter for the single line measurement is 4mm.

**Line replacement**

Since the line lengths can change due to aging and external influences, we recommend to measure the paraglider after a line replacement.



Pos	75	85	95	105	115	Material	Colour	Comment
a1	485	506	522	538	556	DC60		
a2	450	471	486	502	518	DC60		
a3	453	473	488	502	518	DC60		
a4	465	486	502	518	535	DC60		
a5	441	461	475	490	506	DC60		
a6	410	428	442	456	471	DC60		
a7	395	412	425	438	452	DC60		
a8	398	416	429	443	457	DC60		
a9	364	380	392	404	417	DC60		
a10	316	330	341	352	363	DC60		
a11	289	302	312	322	332	DC60		
a12	279	292	301	311	321	DC60		
am1	1760	1837	1895	1953	2015	PPSLS125	red	
am2	1733	1811	1870	1928	1992	PPSLS125	red	
am3	1555	1623	1675	1726	1782	PPSLS125	red	
am4	1535	1604	1655	1707	1763	PPSLS125	red	
am5	1610	1682	1735	1789	1847	PPSLS125	red	
am6	1542	1611	1663	1714	1770	PPSLS125	red	
as1	3882	4079	4226	4374	4534	PPSLS180	red	Loop Cover top side
as2	4045	4252	4408	4564	4732	PPSLS180	red	Loop Cover top side
as3	3910	4113	4266	4418	4583	PPSLS125	red	Loop Cover top side
b1	480	501	517	532	549	DC60		
b2	445	465	480	496	512	DC60		
b3	448	467	482	496	512	DC60		
b4	462	483	498	514	531	DC60		
b5	435	454	469	483	499	DC60		
b6	407	425	439	453	468	DC60		
b7	390	408	420	433	447	DC60		
b8	397	415	429	442	456	DC60		
b9	358	373	385	397	410	DC60		
b10	311	325	335	346	357	DC60		
b11	286	299	309	318	329	DC60		
b12	264	276	285	294	303	DC60		
bm1	1738	1814	1871	1928	1990	PPSLS125	yellow	
bm2	1713	1790	1848	1907	1970	PPSLS125	yellow	
bm3	1537	1605	1656	1707	1762	PPSLS125	yellow	
bm4	1526	1594	1646	1697	1753	PPSLS125	yellow	
bm5	1581	1651	1704	1757	1815	PPSLS125	yellow	
bm6	1500	1567	1618	1669	1724	PPSLS125	yellow	
bs1	3832	4026	4172	4312	4476	PPSLS180	yellow	Loop Cover top side
bs2	4001	4207	4362	4511	4684	PPSLS180	yellow	Loop Cover top side
bs3	3880	4083	4235	4378	4551	PPSLS125	yellow	Loop Cover top side

Pos	75	85	95	105	115	Material	Colour	Comment
c1a	515	538	555	572	590	DC60		
c2a	479	501	517	533	551	DC60		
c3a	482	503	518	534	551	DC60		
c4a	497	519	536	553	571	DC60		
c5a	471	491	507	523	540	DC60		
c6a	440	460	475	489	506	DC60		
c7a	425	444	458	472	487	DC60		
c8a	429	448	462	477	492	DC60		
c9	366	382	394	406	419	DC60		
c10	309	323	333	344	355	DC60		
c11	294	307	317	326	337	DC60		
c12	264	276	285	294	303	DC60		
cm1	1727	1802	1859	1916	1977	PPSLS125	blue	
cm2	1701	1778	1836	1894	1956	PPSLS125	blue	
cm3	1552	1621	1672	1723	1779	PPSLS125	blue	
cm4	1537	1607	1658	1710	1766	PPSLS125	blue	
cm5	1614	1687	1741	1795	1853	PPSLS125	blue	
cm6	1472	1540	1591	1641	1696	PPSLS125	blue	
cs1	3918	4116	4264	4412	4573	PPSLS180	blue	Loop Cover top side *
cs2	4066	4274	4430	4587	4756	PPSLS180	blue	Loop Cover top side *
cs3	3930	4131	4285	4439	4606	PPSLS125	blue	Loop Cover top side *
c1b	596	622	642	661	683	DC60		
c2b	564	590	609	628	649	DC60		
c3b	564	589	607	626	646	DC60		
c4b	576	602	622	641	662	DC60		
c5b	535	559	576	594	613	DC60		
c6b	507	529	547	564	582	DC60		
c7b	486	507	523	539	556	DC60		
c8b	487	509	525	541	559	DC60		
a13	330	332	333	335	336	DC60		
b13	329	331	332	334	335	DC60		
c13	319	320	321	322	322	DC60		
a14	247	246	246	246	245	DC60		
b14	243	242	241	240	240	DC60		
c14	260	260	259	259	258	DC60		
am7	1339	1412	1466	1520	1579	PPSLS65	orange	
bm7	999	1043	1076	1109	1145	PPSLS65	orange	
bmu1	334	361	382	403	425	PPSLS65	orange	
cmu1	368	397	419	441	465	PPSLS65	orange	
as4	3797	3995	4144	4293	4454	PPSLS125	orange	*

\* Please make a double loop on the riser shackle



Pos	75	85	95	105	115	Material	Colour	Comment
br1	844	880	908	935	965	PPSLS65	orange	
br2	549	574	592	610	630	PPSLS65	orange	
br3	779	812	837	862	889	PPSLS65	orange	
br4	755	788	813	838	865	PPSLS65	orange	
br5	826	863	890	918	948	PPSLS65	orange	
br6	696	728	752	775	801	PPSLS65	orange	
br7	699	729	752	775	800	PPSLS65	orange	
br8	701	732	756	780	805	PPSLS65	orange	
br9	605	632	652	672	694	PPSLS65	orange	
br10	487	509	525	542	560	PPSLS65	orange	
br11	460	481	496	511	528	PPSLS65	orange	
br12	449	469	485	500	516	PPSLS65	orange	
brmu1	1132	1182	1219	1256	1297	PPSLS65	orange	
brmu2	744	779	804	830	858	PPSLS65	orange	
brmu3	1009	1053	1086	1119	1155	PPSLS65	orange	
brmu4	955	999	1031	1064	1099	PPSLS65	orange	
brmu5	520	542	559	576	595	PPSLS65	orange	
brmu6	504	527	545	562	581	PPSLS65	orange	
brm1	2325	2426	2502	2578	2660	PPSLS65	orange	
brm2	1865	1948	2011	2074	2142	PPSLS65	orange	
brm3	2344	2452	2532	2613	2700	PPSLS65	orange	
brsu1	1444	1588	1695	1803	1919	PPSLS125	orange	
brs1	1200	1200	1200	1200	1200	DFLP200/32	orange	Please add 20cm extra

Pos	135	Material	Colour	Comment
a1	578	DC60		
a2	540	DC60		
a3	539	DC60		
a4	557	DC60		
a5	526	DC60		
a6	490	DC60		
a7	471	DC60		
a8	476	DC60		
a9	434	DC60		
a10	378	DC60		
a11	346	DC60		
a12	334	DC60		
am1	2097	PPSLS125	red	
am2	2075	PPSLS125	red	
am3	1855	PPSLS125	red	
am4	1836	PPSLS125	red	
am5	1923	PPSLS125	red	
am6	1843	PPSLS125	red	
as1	4743	PPSLS180	red	Loop Cover top side
as2	4953	PPSLS180	red	Loop Cover top side
as3	4799	PPSLS125	red	Loop Cover top side
b1	572	DC60		
b2	534	DC60		
b3	533	DC60		
b4	553	DC60		
b5	519	DC60		
b6	487	DC60		
b7	465	DC60		
b8	475	DC60		
b9	427	DC60		
b10	372	DC60		
b11	342	DC60		
b12	316	DC60		
bm1	2071	PPSLS125	yellow	
bm2	2052	PPSLS125	yellow	
bm3	1834	PPSLS125	yellow	
bm4	1826	PPSLS125	yellow	
bm5	1890	PPSLS125	yellow	
bm6	1796	PPSLS125	yellow	
bs1	4677	PPSLS180	yellow	Loop Cover top side
bs2	4897	PPSLS180	yellow	Loop Cover top side
bs3	4758	PPSLS125	yellow	Loop Cover top side

Pos	135	Material	Colour	Comment
c1a	614	DC60		
c2a	574	DC60		
c3a	573	DC60		
c4a	595	DC60		
c5a	562	DC60		
c6a	527	DC60		
c7a	507	DC60		
c8a	513	DC60		
c9	437	DC60		
c10	370	DC60		
c11	351	DC60		
c12	316	DC60		
cm1	2058	PPSLS125	blue	
cm2	2038	PPSLS125	blue	
cm3	1852	PPSLS125	blue	
cm4	1840	PPSLS125	blue	
cm5	1930	PPSLS125	blue	
cm6	1768	PPSLS125	blue	
cs1	4783	PPSLS180	blue	Loop Cover top side *
cs2	4977	PPSLS180	blue	Loop Cover top side *
cs3	4816	PPSLS125	blue	Loop Cover top side *
c1b	711	DC60		
c2b	676	DC60		
c3b	672	DC60		
c4b	689	DC60		
c5b	639	DC60		
c6b	606	DC60		
c7b	579	DC60		
c8b	582	DC60		
a13	338	DC60		
b13	337	DC60		
c13	324	DC60		
a14	245	DC60		
b14	239	DC60		
c14	258	DC60		
am7	1656	PPSLS65	orange	
bm7	1192	PPSLS65	orange	
bmu1	455	PPSLS65	orange	
cmu1	496	PPSLS65	orange	
as4	4665	PPSLS125	orange	*

\* Please make a double loop on the riser shakle





Pos	135	Material	Colour	Comment
br1	1004	PPSLS65	orange	
br2	656	PPSLS65	orange	
br3	924	PPSLS65	orange	
br4	900	PPSLS65	orange	
br5	987	PPSLS65	orange	
br6	835	PPSLS65	orange	
br7	833	PPSLS65	orange	
br8	838	PPSLS65	orange	
br9	723	PPSLS65	orange	
br10	584	PPSLS65	orange	
br11	549	PPSLS65	orange	
br12	538	PPSLS65	orange	
brmu1	1349	PPSLS65	orange	
brmu2	895	PPSLS65	orange	
brmu3	1202	PPSLS65	orange	
brmu4	1146	PPSLS65	orange	
brmu5	619	PPSLS65	orange	
brmu6	606	PPSLS65	orange	
brm1	2768	PPSLS65	orange	
brm2	2231	PPSLS65	orange	
brm3	2815	PPSLS65	orange	
brsu1	2072	PPSLS125	orange	
brs1	1200	DFLP200/32	orange	Please add 20cm extra