

Line Plan

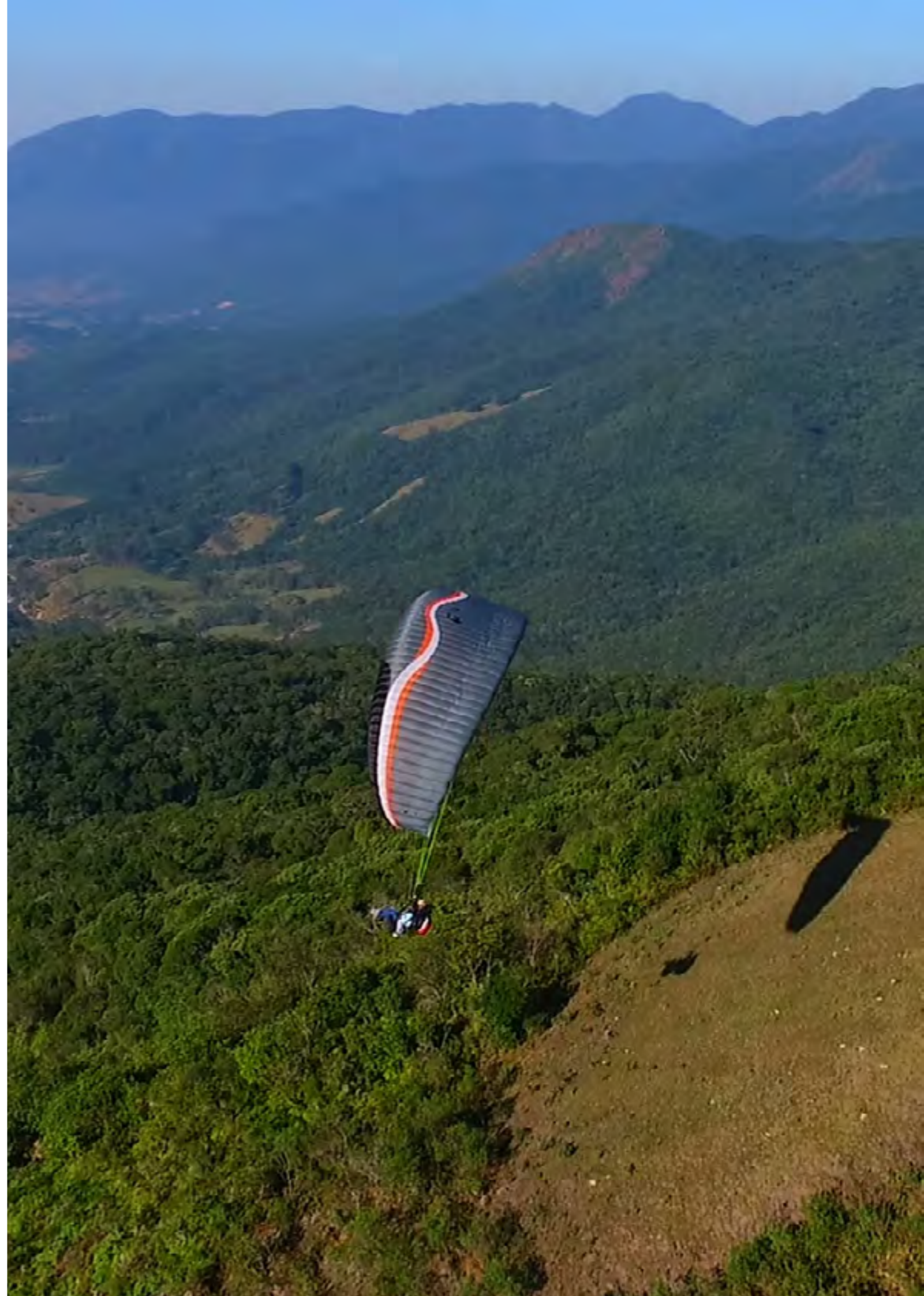
KUAT²
LTF / EN B



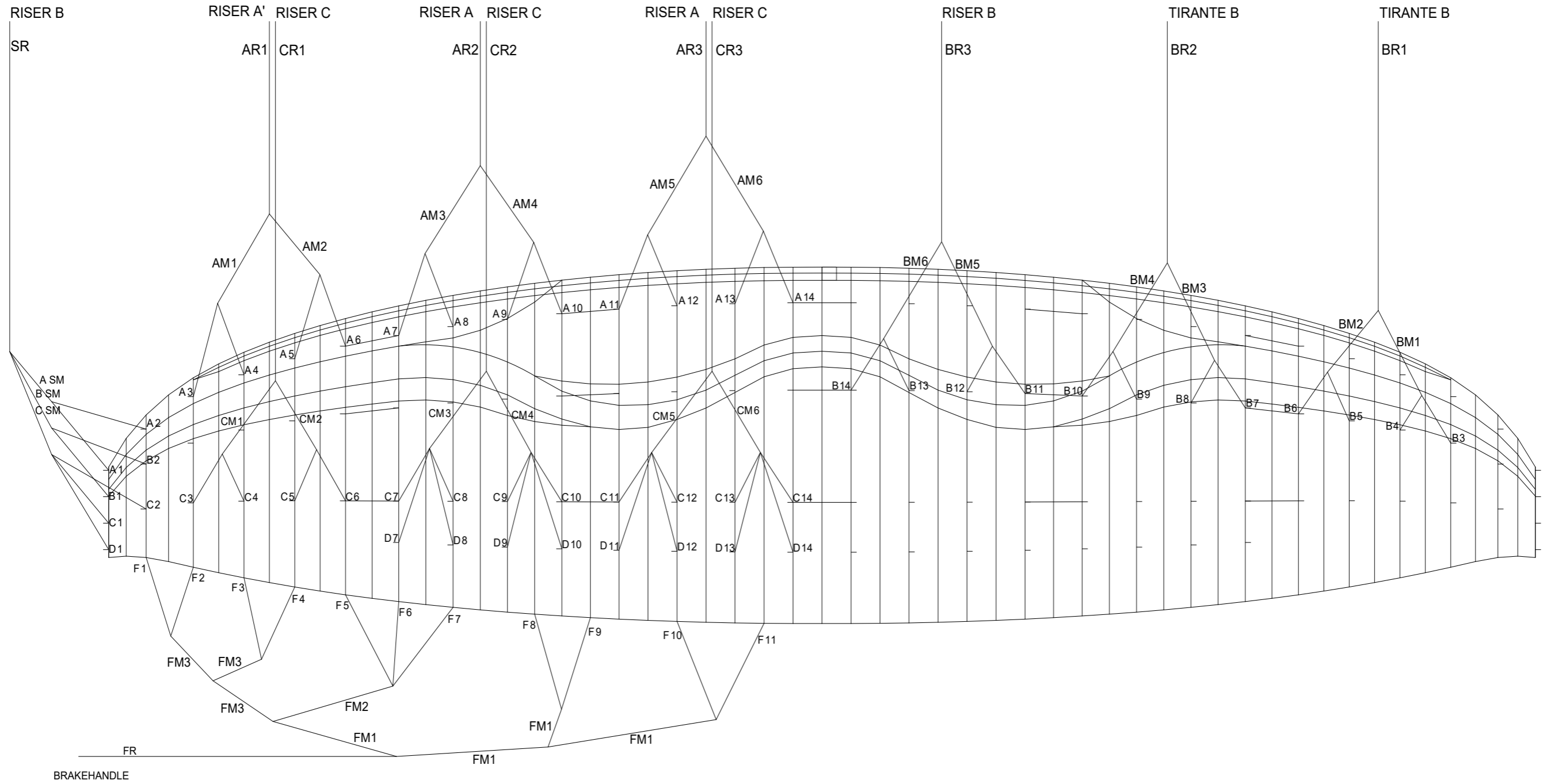
Version 1 5/2019

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KUAT²



Risers lengths

Risers not accelerated

A = 35,5 cm
 A' = 35,5 cm
 B = 35,5 cm
 C = 35,5 cm



Measure without quick links

Risers accelerated

A = 35,5 cm
 A' = 35,5 cm
 B = 35,5 cm
 C = 39,5 cm



Measure without quick links



Line lengths

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	A	B	C	D	F
1	7257	7257	7282	7345	7735
2	7435	7384	7416		7734
3	7616	7605	7602		7740
4	7686	7672	7682		7784
5	7772	7746	7765		7828
6	7872	7837	7861		7841
7	7901	7853	7883	7981	7990
8	7868	7811	7849	7960	8018
9	7881	7821	7863	7981	8072
10	7947	7884	7928	8048	8271
11	7973	7908	7956	8081	8563
12	7941	7872	7924	8056	
13	7967	7895	7947	8080	
14	8045	7975	8026	8154	



Measuring incl. risers and carabiners with 5 daN load
Brake line measuring without riser.

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	A	B	C	D	F
1	7740	7742	7770	7837	8259
2	7929	7876	7913		8262
3	8124	8112	8113		8272
4	8200	8182	8198		8321
5	8289	8261	8285		8366
6	8393	8355	8386		8379
7	8426	8372	8408	8513	8535
8	8384	8326	8371	8489	8562
9	8398	8335	8384	8509	8616
10	8467	8400	8452	8579	8823
11	8494	8424	8479	8612	9127
12	8461	8384	8443	8584	
13	8480	8406	8466	8608	
14	8562	8490	8548	8685	



Measuring incl. risers and carabiners with 5 daN load
Brake line measuring without riser.

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	A	B	C	D	F
1	7998	8000	8030	8099	8540
2	8193	8139	8178		8545
3	8395	8382	8386		8556
4	8473	8455	8474		8607
5	8564	8535	8563		8653
6	8672	8632	8666		8667
7	8704	8648	8689	8797	8827
8	8663	8600	8649	8771	8852
9	8675	8609	8662	8791	8906
10	8745	8675	8731	8863	9117
11	8772	8699	8758	8896	9428
12	8733	8657	8720	8865	
13	8756	8679	8743	8890	
14	8839	8765	8827	8968	



Measuring incl. risers and carabiners with 5 daN load
Brake line measuring without riser.

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	A	B	C	D	F
1	8288	8291	8322	8395	8855
2	8489	8435	8476		8862
3	8700	8687	8693		8875
4	8780	8762	8784		8928
5	8874	8844	8875		8977
6	8985	8944	8981		8990
7	9018	8960	9004	9116	9155
8	8972	8909	8962	9089	9179
9	8985	8917	8974	9109	9233
10	9060	8985	9044	9181	9449
11	9084	9009	9072	9215	9767
12	9043	8964	9031	9182	
13	9066	8986	9054	9206	
14	9151	9074	9140	9287	



Measuring incl. risers and carabiners with 5 daN load
Brake line measuring without riser.

Line lengths individually

Kuat 2 32

Nome	Line reference	Diameter / mm	Number of lines	Length / mm
A1	Liros PPSLS	65	2	1238
A2	Liros PPSLS	65	2	1419
A3	Liros PPSLS	125	2	1160
A4	Liros PPSLS	125	2	1230
A5	Liros PPSLS	125	2	1136
A6	Liros PPSLS	125	2	1236
A7	Liros PPSLS	125	2	1431
A8	Liros PPSLS	125	2	1398
A9	Liros PPSLS	125	2	1411
A10	Liros PPSLS	125	2	1477
A11	Liros PPSLS	125	2	1503
A12	Liros PPSLS	125	2	1471
A13	Liros PPSLS	125	2	1497
A14	Liros PPSLS	125	2	1575
AM1	Liros PPSLS	180	2	1220
AM2	Liros PPSLS	180	2	1400
AM3	Liros PPSLS	180	2	1520
AM4	Liros PPSLS	180	2	1520
AM5	Liros PPSLS	180	2	1520
AM6	Liros PPSLS	180	2	1520
AR1	Cousin Technora	988	2	4850
AR2	Cousin Technora	988	2	4570
AR3	Cousin Technora	988	2	4570
B1	Liros PPSLS	65	2	1238
B2	Liros PPSLS	65	2	1368
B3	Liros PPSLS	125	2	1149
B4	Liros PPSLS	125	2	1216
B5	Liros PPSLS	125	2	1110
B6	Liros PPSLS	125	2	1201
B7	Liros PPSLS	125	2	1383
B8	Liros PPSLS	125	2	1341
B9	Liros PPSLS	125	2	1351
B10	Liros PPSLS	125	2	1414
B11	Liros PPSLS	125	2	1438
B12	Liros PPSLS	125	2	1402
B13	Liros PPSLS	125	2	1425
B14	Liros PPSLS	125	2	1505
BM1	Liros PPSLS	180	2	1220
BM2	Liros PPSLS	180	2	1400
BM3	Liros PPSLS	180	2	1520
BM4	Liros PPSLS	180	2	1520
BM5	Liros PPSLS	180	2	1520
BM6	Liros PPSLS	180	2	1520
SM	Liros PPSLS	65	6	545
SR	Liros PPSLS	125	2	5070
BR1	Cousin Technora	988	2	4850
BR2	Cousin Technora	988	2	4570
BR3	Cousin Technora	988	2	4570

Kuat 2 32

Nome	Line reference	Diameter / mm	Number of lines	Length / mm
C1	Liros PPSLS	65	2	1263
C2	Liros PPSLS	65	2	1400
C3	Liros PPSLS	125	2	1148
C4	Liros PPSLS	125	2	1228
C5	Liros PPSLS	125	2	1131
C6	Liros PPSLS	125	2	1227
C7	Liros PPSLS	125	2	1415
C8	Liros PPSLS	125	2	1381
C9	Liros PPSLS	125	2	1395
C10	Liros PPSLS	125	2	1460
C11	Liros PPSLS	125	2	1488
C12	Liros PPSLS	125	2	1456
C13	Liros PPSLS	125	2	1479
C14	Liros PPSLS	125	2	1558
CM1	Liros PPSLS	180	2	1220
CM2	Liros PPSLS	180	2	1400
CM3	Liros PPSLS	180	2	1520
CM4	Liros PPSLS	180	2	1520
CM5	Liros PPSLS	180	2	1520
CM6	Liros PPSLS	180	2	1520
CR1	Cousin Technora	988	2	4850
CR2	Cousin Technora	988	2	4570
CR3	Cousin Technora	988	2	4570
D1	Liros PPSLS	65	2	1326
D7	Liros PPSLS	65	2	1511
D8	Liros PPSLS	65	2	1490
D9	Liros PPSLS	65	2	1511
D10	Liros PPSLS	65	2	1578
D11	Liros PPSLS	65	2	1611
D12	Liros PPSLS	65	2	1586
D13	Liros PPSLS	65	2	1610
D14	Liros PPSLS	65	2	1684
F1	Liros PPSLS	125	2	876
F2	Liros PPSLS	125	2	875
F3	Liros PPSLS	125	2	881
F4	Liros PPSLS	125	2	925
F5	Liros PPSLS	125	2	1230
F6	Liros PPSLS	125	2	1243
F7	Liros PPSLS	125	2	1392
F8	Liros PPSLS	125	2	1145
F9	Liros PPSLS	125	2	1199
F10	Liros PPSLS	125	2	1398
F11	Liros PPSLS	125	2	1690
FM1	Liros PPSLS	125	8	1995
FM2	Liros PPSLS	125	2	1720
FM3	Liros PPSLS	125	6	995
FR	Cousin Technora	988	2	2845 + 300



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Nome	Line reference	Diameter / mm	Number of lines	Length / mm
A1	Liros PPSLS	65	2	1341
A2	Liros PPSLS	65	2	1533
A3	Liros PPSLS	125	2	1258
A4	Liros PPSLS	125	2	1334
A5	Liros PPSLS	125	2	1228
A6	Liros PPSLS	125	2	1332
A7	Liros PPSLS	125	2	1546
A8	Liros PPSLS	125	2	1504
A9	Liros PPSLS	125	2	1518
A10	Liros PPSLS	125	2	1587
A11	Liros PPSLS	125	2	1614
A12	Liros PPSLS	125	2	1581
A13	Liros PPSLS	125	2	1600
A14	Liros PPSLS	125	2	1682
AM1	Liros PPSLS	180	2	1305
AM2	Liros PPSLS	180	2	1500
AM3	Liros PPSLS	180	2	1615
AM4	Liros PPSLS	180	2	1615
AM5	Liros PPSLS	180	2	1615
AM6	Liros PPSLS	180	2	1615
AR1	Cousin Technora	988	2	5175
AR2	Cousin Technora	988	2	4885
AR3	Cousin Technora	988	2	4885
B1	Liros PPSLS	65	2	1343
B2	Liros PPSLS	65	2	1480
B3	Liros PPSLS	125	2	1246
B4	Liros PPSLS	125	2	1316
B5	Liros PPSLS	125	2	1200
B6	Liros PPSLS	125	2	1294
B7	Liros PPSLS	125	2	1492
B8	Liros PPSLS	125	2	1446
B9	Liros PPSLS	125	2	1455
B10	Liros PPSLS	125	2	1520
B11	Liros PPSLS	125	2	1544
B12	Liros PPSLS	125	2	1504
B13	Liros PPSLS	125	2	1526
B14	Liros PPSLS	125	2	1610
BM1	Liros PPSLS	180	2	1305
BM2	Liros PPSLS	180	2	1500
BM3	Liros PPSLS	180	2	1615
BM4	Liros PPSLS	180	2	1615
BM5	Liros PPSLS	180	2	1615
BM6	Liros PPSLS	180	2	1615
SM	Liros PPSLS	65	6	580
SR	Liros PPSLS	125	2	5415
BR1	Cousin Technora	988	2	5175
BR2	Cousin Technora	988	2	4885
BR3	Cousin Technora	988	2	4885

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Nome	Line reference	Diameter / mm	Number of lines	Length / mm
C1	Liros PPSLS	65	2	1371
C2	Liros PPSLS	65	2	1517
C3	Liros PPSLS	125	2	1249
C4	Liros PPSLS	125	2	1334
C5	Liros PPSLS	125	2	1226
C6	Liros PPSLS	125	2	1327
C7	Liros PPSLS	125	2	1530
C8	Liros PPSLS	125	2	1493
C9	Liros PPSLS	125	2	1506
C10	Liros PPSLS	125	2	1574
C11	Liros PPSLS	125	2	1601
C12	Liros PPSLS	125	2	1565
C13	Liros PPSLS	125	2	1588
C14	Liros PPSLS	125	2	1670
CM1	Liros PPSLS	180	2	1305
CM2	Liros PPSLS	180	2	1500
CM3	Liros PPSLS	180	2	1615
CM4	Liros PPSLS	180	2	1615
CM5	Liros PPSLS	180	2	1615
CM6	Liros PPSLS	180	2	1615
CR1	Cousin Technora	988	2	5175
CR2	Cousin Technora	988	2	4885
CR3	Cousin Technora	988	2	4885
D1	Liros PPSLS	65	2	1438
D7	Liros PPSLS	65	2	1633
D8	Liros PPSLS	65	2	1609
D9	Liros PPSLS	65	2	1629
D10	Liros PPSLS	65	2	1699
D11	Liros PPSLS	65	2	1732
D12	Liros PPSLS	65	2	1704
D13	Liros PPSLS	65	2	1728
D14	Liros PPSLS	65	2	1805
F1	Liros PPSLS	125	2	950
F2	Liros PPSLS	125	2	953
F3	Liros PPSLS	125	2	963
F4	Liros PPSLS	125	2	1012
F5	Liros PPSLS	125	2	1343
F6	Liros PPSLS	125	2	1356
F7	Liros PPSLS	125	2	1512
F8	Liros PPSLS	125	2	1249
F9	Liros PPSLS	125	2	1303
F10	Liros PPSLS	125	2	1510
F11	Liros PPSLS	125	2	1814
FM1	Liros PPSLS	125	8	2125
FM2	Liros PPSLS	125	2	1835
FM3	Liros PPSLS	125	6	1065
FR	Cousin Technora	988	2	3025 + 300



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Nome	Line reference	Diameter / mm	Number of lines	Length / mm
A1	Liros PPSLS	65	2	1394
A2	Liros PPSLS	65	2	1592
A3	Liros PPSLS	125	2	1309
A4	Liros PPSLS	125	2	1387
A5	Liros PPSLS	125	2	1278
A6	Liros PPSLS	125	2	1386
A7	Liros PPSLS	125	2	1604
A8	Liros PPSLS	125	2	1563
A9	Liros PPSLS	125	2	1575
A10	Liros PPSLS	125	2	1645
A11	Liros PPSLS	125	2	1672
A12	Liros PPSLS	125	2	1633
A13	Liros PPSLS	125	2	1656
A14	Liros PPSLS	125	2	1739
AM1	Liros PPSLS	180	2	1350
AM2	Liros PPSLS	180	2	1550
AM3	Liros PPSLS	180	2	1670
AM4	Liros PPSLS	180	2	1670
AM5	Liros PPSLS	180	2	1670
AM6	Liros PPSLS	180	2	1670
AR1	Cousin Technora	988	2	5350
AR2	Cousin Technora	988	2	5050
AR3	Cousin Technora	988	2	5050
B1	Liros PPSLS	65	2	1396
B2	Liros PPSLS	65	2	1538
B3	Liros PPSLS	125	2	1296
B4	Liros PPSLS	125	2	1369
B5	Liros PPSLS	125	2	1249
B6	Liros PPSLS	125	2	1346
B7	Liros PPSLS	125	2	1548
B8	Liros PPSLS	125	2	1500
B9	Liros PPSLS	125	2	1509
B10	Liros PPSLS	125	2	1575
B11	Liros PPSLS	125	2	1599
B12	Liros PPSLS	125	2	1557
B13	Liros PPSLS	125	2	1579
B14	Liros PPSLS	125	2	1665
BM1	Liros PPSLS	180	2	1350
BM2	Liros PPSLS	180	2	1550
BM3	Liros PPSLS	180	2	1670
BM4	Liros PPSLS	180	2	1670
BM5	Liros PPSLS	180	2	1670
BM6	Liros PPSLS	180	2	1670
SM	Liros PPSLS	65	6	600
SR	Liros PPSLS	125	2	5600
BR1	Cousin Technora	988	2	5350
BR2	Cousin Technora	988	2	5050
BR3	Cousin Technora	988	2	5050

Kuat 2 41

Nome	Line reference	Diameter / mm	Number of lines	Length / mm
C1	Liros PPSLS	65	2	1426
C2	Liros PPSLS	65	2	1577
C3	Liros PPSLS	125	2	1302
C4	Liros PPSLS	125	2	1390
C5	Liros PPSLS	125	2	1279
C6	Liros PPSLS	125	2	1382
C7	Liros PPSLS	125	2	1591
C8	Liros PPSLS	125	2	1551
C9	Liros PPSLS	125	2	1564
C10	Liros PPSLS	125	2	1633
C11	Liros PPSLS	125	2	1660
C12	Liros PPSLS	125	2	1622
C13	Liros PPSLS	125	2	1645
C14	Liros PPSLS	125	2	1729
CM1	Liros PPSLS	180	2	1350
CM2	Liros PPSLS	180	2	1550
CM3	Liros PPSLS	180	2	1670
CM4	Liros PPSLS	180	2	1670
CM5	Liros PPSLS	180	2	1670
CM6	Liros PPSLS	180	2	1670
CR1	Cousin Technora	988	2	5350
CR2	Cousin Technora	988	2	5050
CR3	Cousin Technora	988	2	5050
D1	Liros PPSLS	65	2	1495
D7	Liros PPSLS	65	2	1697
D8	Liros PPSLS	65	2	1671
D9	Liros PPSLS	65	2	1691
D10	Liros PPSLS	65	2	1763
D11	Liros PPSLS	65	2	1796
D12	Liros PPSLS	65	2	1765
D13	Liros PPSLS	65	2	1790
D14	Liros PPSLS	65	2	1868
F1	Liros PPSLS	125	2	991
F2	Liros PPSLS	125	2	996
F3	Liros PPSLS	125	2	1007
F4	Liros PPSLS	125	2	1058
F5	Liros PPSLS	125	2	1395
F6	Liros PPSLS	125	2	1409
F7	Liros PPSLS	125	2	1569
F8	Liros PPSLS	125	2	1294
F9	Liros PPSLS	125	2	1348
F10	Liros PPSLS	125	2	1559
F11	Liros PPSLS	125	2	1870
FM1	Liros PPSLS	125	8	2200
FM2	Liros PPSLS	125	2	1900
FM3	Liros PPSLS	125	6	1100
FR	Cousin Technora	988	2	3120 + 300



Kuat 2 44

Nome	Line reference	Diameter / mm	Number of lines	Length / mm
A1	Liros PPSLS	65	2	1459
A2	Liros PPSLS	65	2	1663
A3	Liros PPSLS	125	2	1364
A4	Liros PPSLS	125	2	1444
A5	Liros PPSLS	125	2	1333
A6	Liros PPSLS	125	2	1444
A7	Liros PPSLS	125	2	1673
A8	Liros PPSLS	125	2	1627
A9	Liros PPSLS	125	2	1640
A10	Liros PPSLS	125	2	1715
A11	Liros PPSLS	125	2	1739
A12	Liros PPSLS	125	2	1698
A13	Liros PPSLS	125	2	1721
A14	Liros PPSLS	125	2	1806
AM1	Liros PPSLS	180	2	1400
AM2	Liros PPSLS	180	2	1605
AM3	Liros PPSLS	180	2	1730
AM4	Liros PPSLS	180	2	1730
AM5	Liros PPSLS	180	2	1730
AM6	Liros PPSLS	180	2	1730
AR1	Cousin Technora	988	2	1140
AR2	Cousin Technora	988	2	5235
AR3	Cousin Technora	988	2	5235
B1	Liros PPSLS	65	2	1462
B2	Liros PPSLS	65	2	1609
B3	Liros PPSLS	125	2	1351
B4	Liros PPSLS	125	2	1426
B5	Liros PPSLS	125	2	1303
B6	Liros PPSLS	125	2	1403
B7	Liros PPSLS	125	2	1615
B8	Liros PPSLS	125	2	1564
B9	Liros PPSLS	125	2	1572
B10	Liros PPSLS	125	2	1640
B11	Liros PPSLS	125	2	1664
B12	Liros PPSLS	125	2	1619
B13	Liros PPSLS	125	2	1641
B14	Liros PPSLS	125	2	1729
BM1	Liros PPSLS	180	2	1400
BM2	Liros PPSLS	180	2	1605
BM3	Liros PPSLS	180	2	1730
BM4	Liros PPSLS	180	2	1730
BM5	Liros PPSLS	180	2	1730
BM6	Liros PPSLS	180	2	1730
SM	Liros PPSLS	65	6	620
SR	Liros PPSLS	125	2	5805
BR1	Cousin Technora	988	2	1140
BR2	Cousin Technora	988	2	5235
BR3	Cousin Technora	988	2	5235

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Nome	Line reference	Diameter / mm	Number of lines	Length / mm
C1	Liros PPSLS	65	2	1493
C2	Liros PPSLS	65	2	1650
C3	Liros PPSLS	125	2	1359
C4	Liros PPSLS	125	2	1450
C5	Liros PPSLS	125	2	1336
C6	Liros PPSLS	125	2	1442
C7	Liros PPSLS	125	2	1661
C8	Liros PPSLS	125	2	1619
C9	Liros PPSLS	125	2	1631
C10	Liros PPSLS	125	2	1701
C11	Liros PPSLS	125	2	1729
C12	Liros PPSLS	125	2	1688
C13	Liros PPSLS	125	2	1711
C14	Liros PPSLS	125	2	1797
CM1	Liros PPSLS	180	2	1400
CM2	Liros PPSLS	180	2	1605
CM3	Liros PPSLS	180	2	1730
CM4	Liros PPSLS	180	2	1730
CM5	Liros PPSLS	180	2	1730
CM6	Liros PPSLS	180	2	1730
CR1	Cousin Technora	988	2	1140
CR2	Cousin Technora	988	2	5235
CR3	Cousin Technora	988	2	5235
D1	Liros PPSLS	65	2	1566
D7	Liros PPSLS	65	2	1771
D8	Liros PPSLS	65	2	1744
D9	Liros PPSLS	65	2	1764
D10	Liros PPSLS	65	2	1836
D11	Liros PPSLS	65	2	1870
D12	Liros PPSLS	65	2	1837
D13	Liros PPSLS	65	2	1861
D14	Liros PPSLS	65	2	1942
F1	Liros PPSLS	125	2	1036
F2	Liros PPSLS	125	2	1043
F3	Liros PPSLS	125	2	1056
F4	Liros PPSLS	125	2	1109
F5	Liros PPSLS	125	2	1459
F6	Liros PPSLS	125	2	1472
F7	Liros PPSLS	125	2	1637
F8	Liros PPSLS	125	2	1351
F9	Liros PPSLS	125	2	1405
F10	Liros PPSLS	125	2	1621
F11	Liros PPSLS	125	2	1939
FM1	Liros PPSLS	125	8	2280
FM2	Liros PPSLS	125	2	1970
FM3	Liros PPSLS	125	6	1140
FR	Cousin Technora	988	2	3230 + 300





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