

Plano de linhas

RUNNER^{XC}

DGAC




SOL[®]
PARAGLIDERS

Versão 2 1 / 2021

Sumário

| | |
|---|----|
| Asa de paramotor | 4 |
| Tirante..... | 5 |
| Plano de linhas..... | 6 |
| Dados técnicos..... | 8 |
| Peças e materiais | 10 |
| Linhas..... | 10 |
| Comprimento de linhas | 12 |
| Comprimento de linhas individuais | 16 |



Asa de paramotor

1. Bordo de fuga.
2. Extradorso.
3. Bordo de ataque.
4. Intradorso.
5. Estabilizador.
6. Linhas.
7. Tirantes.

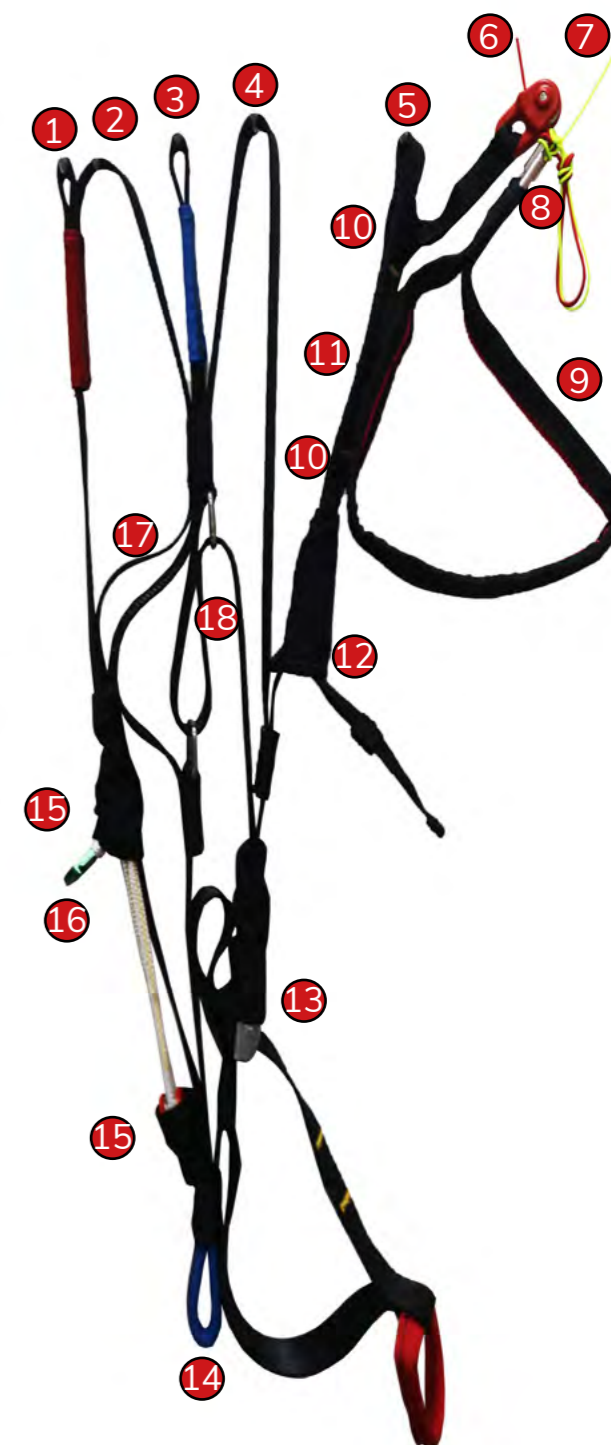


6



Tirante

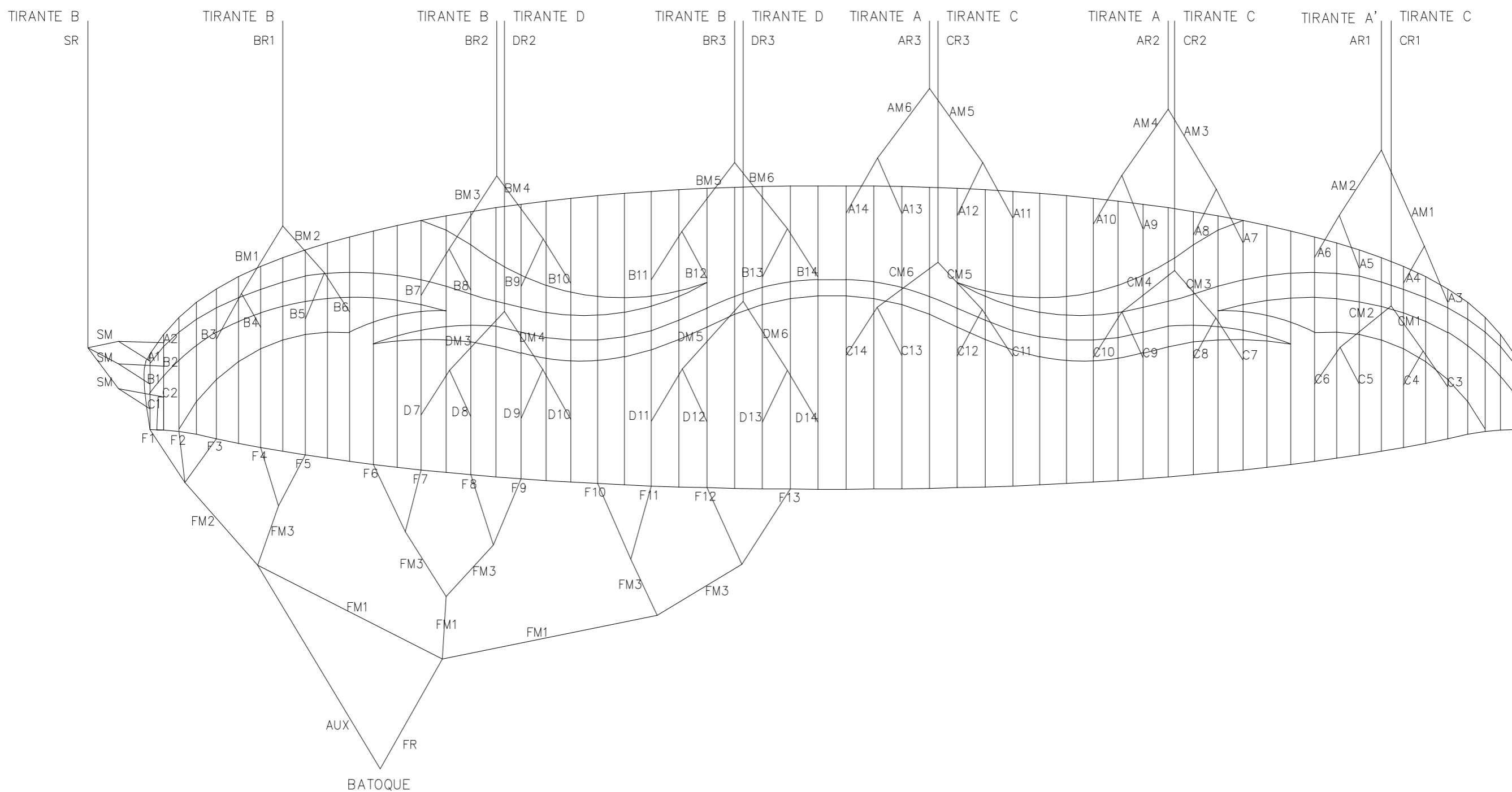
1. Tirante A.
2. Tirante A'.
3. Tirante B.
4. Tirante C.
5. Tirante D.
6. Linha de freio.
7. Linha de freio auxiliar.
8. Distorcedor.
9. Batoque.
10. Regulagem do batoque.
11. Botão magnético.
12. Flaps de rendimento.
13. Trimmer.
14. Ponto para conexão no mosquetão da selete.
15. Sistema de acelerador.
16. Conexão de acelerador.
17. Sistema de progressão do acelerador.
18. Sistema de progressão do trimmer.



15

! Não se deve alterar nenhuma medida de linha da asa de paramotor.

RUNNER^{XC}



Dados técnicos

| | | | | | | | | |
|--------------------------------|----------|----------|----------|----------|----------|-----------|-----------|----------------|
| Modelo | 150 | 165 | 180 | 195 | 210 | 225 | 240 | |
| Células | 57 | 57 | 57 | 57 | 57 | 57 | 57 | |
| Área Real | 15,03 | 16,5 | 18,0 | 19,5 | 21,1 | 22,5 | 24,1 | m ² |
| Envergadura Real | 9,48 | 9,9 | 10,4 | 10,8 | 11,2 | 11,6 | 12,0 | m |
| Alongamento Real | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | 6,0 | |
| Área Projetada | 13,02 | 14,3 | 15,6 | 16,9 | 18,2 | 19,5 | 20,9 | m ² |
| Envergadura Projetada | 7,66 | 8,0 | 8,4 | 8,7 | 9,1 | 9,4 | 9,7 | m |
| Alongamento Projetado | 4,5 | 4,5 | 4,5 | 4,5 | 4,5 | 4,5 | 4,5 | |
| Altura | 607 | 635 | 661 | 686 | 711 | 734 | 757 | cm |
| Perfil Máximo | 195 | 205 | 214 | 222 | 231 | 239 | 247 | cm |
| Perfil Mínimo | 49 | 51 | 54 | 56 | 58 | 60 | 62 | cm |
| Peso da Vela | 3,7 | 4,0 | 4,3 | 4,5 | 4,7 | 5,0 | 5,3 | kg |
| Peso de decolagem | 70 - 120 | 70 - 130 | 80 - 130 | 80 - 140 | 90 - 150 | 100 - 160 | 110 - 170 | Kg |
| Certificação | DGAC | DGAC | DGAC | DGAC | DGAC | DGAC | DGAC | |
| Acelerador | 11 | 11 | 11 | 11 | 11 | 11 | 11 | cm |
| Número de tirantes | 4 + 1 | 4 + 1 | 4 + 1 | 4 + 1 | 4 + 1 | 4 + 1 | 4 + 1 | |
| Trimmer | 13 | 13 | 13 | 13 | 13 | 13 | 13 | cm |
| Ajustes removíveis e variáveis | 1 | 1 | 1 | 1 | 1 | 1 | 1 | |



Peças e materiais

| | |
|---------------------------------|--|
| Extradorso | WTX 40 PU + Silicon 40 gr/sm - WTX 29 PU + Silicon 29 gr/sm |
| Intradorso | WTX 40 PU + Silicon 40 gr/sm - WTX 29 PU + Silicon 29 gr/sm |
| Perfis/Diagonais | Pro-Nyl High Tenacity Nylon rip-stop Hard finish 36 gr/sm |
| Talas | Nylon Meada 2,5 mm / Nylon Maxfios Meada 1,6 - 2,0 mm |
| Fita de reforço interno/externo | Cetim Polyester 25 mm |
| Alças | Fita Polyester / Polipropileno FRL0027 10 X 1.0 mm Ribana White |
| Fio de costura do velame | Graal Polyester Filament Continuous 60 White |
| Fio de costura do tirante | Dabond Polyester Filament Continuous 30 - 40 Black |
| Linhas | Liros Dyneema PPSLS 0,76 - 1,05 - 1,25 - 1,58 / Cousin Vectran 0,6 - 0,9 - 1,0 - 1,2 / Cousin Technora 2,1 |
| Mosquetinhos | Ansung Precision 22 mm. 800 kg |
| Tirantes | Fita Poliéster Venus VII 19 mm Preta. 1.600 kg |
| Roldanas | Nylon Sol 12 mm Red / 16 mm ball bearing |
| Botão magnético | Ima de Neodimio N35 20 X 10 X 3 mm |
| Clip de acelerador | Aluminum - ISR |

Linhas

| | | | | | | | | | |
|--------------------------------|-----------|-----------|-----------|-----------|-------------|-------------|-------------|-------------|------------|
| Modelo da linha | PPSLS 65 | PPSLS 125 | PPSLS 180 | PPSLS 260 | 12100 | 12240 | 16330 | 12470 | 988 |
| Fabricante | Liros GER | Liros GER | Liros GER | Liros GER | Cousin FRA | Cousin FRA | Cousin FRA | Cousin FRA | Cousin FRA |
| Número do teste de resistência | LKT 0561 | LKT 1630 | LKT 1531 | LKT 1529 | LI 611.2018 | LI 612.2018 | LI 613.2018 | LI 614.2018 | LT 949 |
| Diâmetro | 0,76 mm | 1,05 mm | 1,25 mm | 1,58 mm | 0,6 mm | 0,9 mm | 1,0 mm | 1,2 mm | 2,1 mm |
| Material | Dyneema | Dyneema | Dyneema | Dyneema | Vectran | Vectran | Vectran | Vectran | Technora |
| Material da capa | Polyester | Polyester | Polyester | Polyester | No | No | No | No | Polyester |
| Tenacidade após flexão | 40 daN | 121,4 daN | 142,9 daN | 182,3 daN | 35,8 daN | 96,2 daN | 127,2 daN | 186,6 daN | 182,4 daN |



Comprimento de linhas

Runner XC 150

| | A | B | C | D | F |
|----|------|------|------|------|------|
| 1 | 5387 | 5379 | 5407 | | 5403 |
| 2 | 5436 | 5421 | 5439 | | 5449 |
| 3 | 5646 | 5629 | 5646 | | 5545 |
| 4 | 5706 | 5685 | 5712 | | 5612 |
| 5 | 5777 | 5751 | 5786 | | 5678 |
| 6 | 5856 | 5823 | 5864 | | 5723 |
| 7 | 5894 | 5852 | 5887 | 5962 | 5731 |
| 8 | 5873 | 5826 | 5868 | 5952 | 5766 |
| 9 | 5885 | 5834 | 5879 | 5971 | 5833 |
| 10 | 5933 | 5879 | 5927 | 6021 | 5944 |
| 11 | 5963 | 5905 | 5954 | 6053 | 6000 |
| 12 | 5942 | 5881 | 5931 | 6033 | 6111 |
| 13 | 5964 | 5902 | 5952 | 6055 | 6323 |
| 14 | 6027 | 5967 | 6016 | 6117 | |



Medida inclui tirante e mosquetinhos com 5 daN de tensão
Freio não inclui medida do tirante

Runner XC 165

| | A | B | C | D | F |
|----|------|------|------|------|------|
| 1 | 5636 | 5629 | 5659 | | 5664 |
| 2 | 5688 | 5672 | 5692 | | 5712 |
| 3 | 5908 | 5890 | 5909 | | 5811 |
| 4 | 5970 | 5948 | 5978 | | 5882 |
| 5 | 6043 | 6016 | 6054 | | 5950 |
| 6 | 6125 | 6091 | 6135 | | 5996 |
| 7 | 6164 | 6120 | 6157 | 6236 | 6003 |
| 8 | 6140 | 6091 | 6135 | 6224 | 6039 |
| 9 | 6152 | 6099 | 6147 | 6242 | 6109 |
| 10 | 6202 | 6145 | 6195 | 6294 | 6223 |
| 11 | 6231 | 6171 | 6222 | 6325 | 6280 |
| 12 | 6208 | 6144 | 6196 | 6303 | 6396 |
| 13 | 6229 | 6164 | 6217 | 6325 | 6615 |
| 14 | 6295 | 6231 | 6283 | 6389 | |



Medida inclui tirante e mosquetinhos com 5 daN de tensão
Freio não inclui medida do tirante

Runner XC 180

| | A | B | C | D | F |
|----|------|------|------|------|------|
| 1 | 5879 | 5872 | 5904 | | 5917 |
| 2 | 5934 | 5917 | 5939 | | 5968 |
| 3 | 6161 | 6143 | 6164 | | 6071 |
| 4 | 6226 | 6203 | 6236 | | 6145 |
| 5 | 6302 | 6274 | 6315 | | 6215 |
| 6 | 6387 | 6351 | 6399 | | 6262 |
| 7 | 6426 | 6380 | 6420 | 6502 | 6269 |
| 8 | 6401 | 6350 | 6396 | 6489 | 6305 |
| 9 | 6412 | 6357 | 6407 | 6507 | 6377 |
| 10 | 6463 | 6404 | 6456 | 6559 | 6493 |
| 11 | 6492 | 6429 | 6483 | 6590 | 6553 |
| 12 | 6466 | 6400 | 6455 | 6566 | 6672 |
| 13 | 6488 | 6420 | 6475 | 6587 | 6900 |
| 14 | 6555 | 6489 | 6543 | 6654 | |



Medida inclui tirante e mosquetinhos com 5 daN de tensão
Freio não inclui medida do tirante

Runner XC 195

| | A | B | C | D | F |
|----|------|------|------|------|------|
| 1 | 6108 | 6101 | 6135 | | 6157 |
| 2 | 6165 | 6149 | 6172 | | 6211 |
| 3 | 6402 | 6383 | 6406 | | 6318 |
| 4 | 6469 | 6445 | 6481 | | 6393 |
| 5 | 6547 | 6518 | 6562 | | 6465 |
| 6 | 6634 | 6597 | 6648 | | 6513 |
| 7 | 6675 | 6627 | 6669 | 6755 | 6520 |
| 8 | 6648 | 6594 | 6643 | 6740 | 6557 |
| 9 | 6659 | 6601 | 6653 | 6757 | 6629 |
| 10 | 6710 | 6649 | 6703 | 6810 | 6751 |
| 11 | 6739 | 6673 | 6729 | 6841 | 6811 |
| 12 | 6711 | 6642 | 6699 | 6815 | 6934 |
| 13 | 6733 | 6662 | 6720 | 6836 | 7170 |
| 14 | 6802 | 6732 | 6789 | 6904 | |



Medida inclui tirante e mosquetinhos com 5 daN de tensão
Freio não inclui medida do tirante



Runner XC 210

| | A | B | C | D | F |
|----|------|------|------|------|------|
| 1 | 6336 | 6330 | 6365 | | 6135 |
| 2 | 6396 | 6379 | 6404 | | 6191 |
| 3 | 6637 | 6617 | 6644 | | 6301 |
| 4 | 6706 | 6682 | 6721 | | 6379 |
| 5 | 6787 | 6756 | 6805 | | 6453 |
| 6 | 6877 | 6838 | 6894 | | 6764 |
| 7 | 6918 | 6869 | 6913 | 7003 | 6770 |
| 8 | 6890 | 6834 | 6886 | 6986 | 6809 |
| 9 | 6900 | 6840 | 6895 | 7003 | 6883 |
| 10 | 6953 | 6889 | 6947 | 7058 | 7008 |
| 11 | 6981 | 6912 | 6972 | 7088 | 7070 |
| 12 | 6951 | 6879 | 6940 | 7059 | 7197 |
| 13 | 6972 | 6899 | 6960 | 7081 | 7440 |
| 14 | 7043 | 6971 | 7031 | 7150 | |



Medida inclui tirante e mosquetinhos com 5 daN de tensão
Freio não inclui medida do tirante

Runner XC 225

| | A | B | C | D | F |
|----|------|------|------|------|------|
| 1 | 6548 | 6542 | 6579 | | 6617 |
| 2 | 6610 | 6592 | 6619 | | 6675 |
| 3 | 6862 | 6842 | 6870 | | 6789 |
| 4 | 6933 | 6908 | 6949 | | 6869 |
| 5 | 7017 | 6985 | 7035 | | 6946 |
| 6 | 7109 | 7068 | 7126 | | 6995 |
| 7 | 7150 | 7099 | 7145 | 7238 | 7000 |
| 8 | 7120 | 7063 | 7115 | 7219 | 7039 |
| 9 | 7130 | 7068 | 7124 | 7236 | 7116 |
| 10 | 7184 | 7118 | 7176 | 7291 | 7243 |
| 11 | 7212 | 7141 | 7201 | 7321 | 7306 |
| 12 | 7180 | 7106 | 7167 | 7291 | 7437 |
| 13 | 7201 | 7125 | 7187 | 7312 | 7687 |
| 14 | 7274 | 7199 | 7260 | 7383 | |



Medida inclui tirante e mosquetinhos com 5 daN de tensão
Freio não inclui medida do tirante

Runner XC 240

| | A | B | C | D | F |
|----|------|------|------|------|------|
| 1 | 6764 | 6759 | 6798 | | 6843 |
| 2 | 6829 | 6811 | 6839 | | 6904 |
| 3 | 7089 | 7068 | 7098 | | 7021 |
| 4 | 7162 | 7136 | 7179 | | 7103 |
| 5 | 7248 | 7215 | 7268 | | 7181 |
| 6 | 7342 | 7301 | 7361 | | 7232 |
| 7 | 7385 | 7332 | 7379 | 7476 | 7237 |
| 8 | 7353 | 7293 | 7348 | 7456 | 7276 |
| 9 | 7362 | 7298 | 7357 | 7472 | 7354 |
| 10 | 7417 | 7349 | 7409 | 7528 | 7485 |
| 11 | 7445 | 7372 | 7434 | 7558 | 7549 |
| 12 | 7411 | 7334 | 7398 | 7526 | 7684 |
| 13 | 7432 | 7354 | 7418 | 7547 | 7941 |
| 14 | 7506 | 7429 | 7492 | 7619 | |



Medida inclui tirante e mosquetinhos com 5 daN de tensão
Freio não inclui medida do tirante

Comprimento de linhas individuais Runner XC 150

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| A1 | Cousin vectran | 12100 | 0,6 | 2 | 391 |
| A2 | Cousin vectran | 12100 | 0,6 | 2 | 440 |
| A3 | Cousin vectran | 12240 | 0,9 | 2 | 728 |
| A4 | Cousin vectran | 12240 | 0,9 | 2 | 788 |
| A5 | Cousin vectran | 12240 | 0,9 | 2 | 739 |
| A6 | Cousin vectran | 12240 | 0,9 | 2 | 818 |
| A7 | Cousin vectran | 16330 | 1,0 | 2 | 945 |
| A8 | Cousin vectran | 16330 | 1,0 | 2 | 924 |
| A9 | Cousin vectran | 16330 | 1,0 | 2 | 936 |
| A10 | Cousin vectran | 16330 | 1,0 | 2 | 984 |
| A11 | Cousin vectran | 16330 | 1,0 | 2 | 1094 |
| A12 | Cousin vectran | 16330 | 1,0 | 2 | 1073 |
| A13 | Cousin vectran | 16330 | 1,0 | 2 | 1095 |
| A14 | Cousin vectran | 16330 | 1,0 | 2 | 1158 |
| AM1 | Cousin vectran | 16330 | 1,0 | 2 | 830 |
| AM2 | Cousin vectran | 16330 | 1,0 | 2 | 950 |
| AM3 | Cousin vectran | 12470 | 1,2 | 2 | 1065 |
| AM4 | Cousin vectran | 12470 | 1,2 | 2 | 1065 |
| AM5 | Cousin vectran | 12470 | 1,2 | 2 | 1065 |
| AM6 | Cousin vectran | 12470 | 1,2 | 2 | 1065 |
| AR1 | Liros PPSLS | 125 | 1,05 | 2 | 3630 |
| AR2 | Liros PPSLS | 260 | 1,58 | 2 | 3435 |
| AR3 | Liros PPSLS | 260 | 1,58 | 2 | 3355 |
| B1 | Cousin vectran | 12100 | 0,6 | 2 | 383 |
| B2 | Cousin vectran | 12100 | 0,6 | 2 | 425 |
| B3 | Cousin vectran | 12240 | 0,9 | 2 | 711 |
| B4 | Cousin vectran | 12240 | 0,9 | 2 | 767 |
| B5 | Cousin vectran | 12240 | 0,9 | 2 | 713 |
| B6 | Cousin vectran | 12240 | 0,9 | 2 | 785 |
| B7 | Cousin vectran | 16330 | 1,0 | 2 | 903 |
| B8 | Cousin vectran | 16330 | 1,0 | 2 | 877 |
| B9 | Cousin vectran | 16330 | 1,0 | 2 | 885 |
| B10 | Cousin vectran | 16330 | 1,0 | 2 | 930 |
| B11 | Cousin vectran | 16330 | 1,0 | 2 | 1036 |
| B12 | Cousin vectran | 16330 | 1,0 | 2 | 1012 |
| B13 | Cousin vectran | 16330 | 1,0 | 2 | 1033 |
| B14 | Cousin vectran | 16330 | 1,0 | 2 | 1098 |
| BM1 | Cousin vectran | 16330 | 1,0 | 2 | 830 |
| BM2 | Cousin vectran | 16330 | 1,0 | 2 | 950 |
| BM3 | Cousin vectran | 12470 | 1,2 | 2 | 1065 |
| BM4 | Cousin vectran | 12470 | 1,2 | 2 | 1065 |
| BM5 | Cousin vectran | 12470 | 1,2 | 2 | 1065 |
| BM6 | Cousin vectran | 12470 | 1,2 | 2 | 1065 |
| SM | Cousin vectran | 12100 | 0,6 | 6 | 765 |
| STB | Liros PPSLS | 125 | 1,05 | 2 | 3775 |
| BR1 | Liros PPSLS | 125 | 1,05 | 2 | 3630 |
| BR2 | Liros PPSLS | 260 | 1,58 | 2 | 3435 |
| BR3 | Liros PPSLS | 260 | 1,58 | 2 | 3355 |
| C1 | Cousin vectran | 12100 | 0,6 | 2 | 411 |
| C2 | Cousin vectran | 12100 | 0,6 | 2 | 443 |
| C3 | Cousin vectran | 12240 | 0,9 | 2 | 730 |

Runner XC 150

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| C4 | Cousin vectran | 12240 | 0,9 | 2 | 796 |
| C5 | Cousin vectran | 12240 | 0,9 | 2 | 750 |
| C6 | Cousin vectran | 12240 | 0,9 | 2 | 828 |
| C7 | Cousin vectran | 12240 | 0,9 | 2 | 931 |
| C8 | Cousin vectran | 12240 | 0,9 | 2 | 912 |
| C9 | Cousin vectran | 12240 | 0,9 | 2 | 923 |
| C10 | Cousin vectran | 12240 | 0,9 | 2 | 971 |
| C11 | Cousin vectran | 12240 | 0,9 | 2 | 1078 |
| C12 | Cousin vectran | 12240 | 0,9 | 2 | 1055 |
| C13 | Cousin vectran | 12240 | 0,9 | 2 | 1076 |
| C14 | Cousin vectran | 12240 | 0,9 | 2 | 1140 |
| CM1 | Cousin vectran | 16330 | 1,0 | 2 | 830 |
| CM2 | Cousin vectran | 16330 | 1,0 | 2 | 950 |
| CM3 | Cousin vectran | 16330 | 1,0 | 2 | 1065 |
| CM4 | Cousin vectran | 16330 | 1,0 | 2 | 1065 |
| CM5 | Cousin vectran | 16330 | 1,0 | 2 | 1065 |
| CM6 | Cousin vectran | 16330 | 1,0 | 2 | 1065 |
| CR1 | Liros PPSLS | 125 | 1,05 | 2 | 3630 |
| CR2 | Liros PPSLS | 180 | 1,25 | 2 | 3435 |
| CR3 | Liros PPSLS | 180 | 1,25 | 2 | 3355 |
| D7 | Cousin vectran | 12240 | 0,9 | 2 | 1006 |
| D8 | Cousin vectran | 12240 | 0,9 | 2 | 996 |
| D9 | Cousin vectran | 12240 | 0,9 | 2 | 1015 |
| D10 | Cousin vectran | 12240 | 0,9 | 2 | 1065 |
| D11 | Cousin vectran | 12240 | 0,9 | 2 | 1177 |
| D12 | Cousin vectran | 12240 | 0,9 | 2 | 1157 |
| D13 | Cousin vectran | 12240 | 0,9 | 2 | 1179 |
| D14 | Cousin vectran | 12240 | 0,9 | 2 | 1241 |
| DM3 | Cousin vectran | 16330 | 1,0 | 2 | 1065 |
| DM4 | Cousin vectran | 16330 | 1,0 | 2 | 1065 |
| DM5 | Cousin vectran | 16330 | 1,0 | 2 | 1065 |
| DM6 | Cousin vectran | 16330 | 1,0 | 2 | 1065 |
| DR2 | Liros PPSLS | 125 | 1,05 | 2 | 3435 |
| DR3 | Liros PPSLS | 125 | 1,05 | 2 | 3355 |
| F1 | Cousin vectran | 12100 | 0,6 | 2 | 531 |
| F2 | Cousin vectran | 12100 | 0,6 | 2 | 577 |
| F3 | Cousin vectran | 12100 | 0,6 | 2 | 673 |
| F4 | Cousin vectran | 12100 | 0,6 | 2 | 440 |
| F5 | Cousin vectran | 12100 | 0,6 | 2 | 506 |
| F6 | Cousin vectran | 12100 | 0,6 | 2 | 551 |
| F7 | Cousin vectran | 12100 | 0,6 | 2 | 559 |
| F8 | Cousin vectran | 12100 | 0,6 | 2 | 594 |
| F9 | Cousin vectran | 12100 | 0,6 | 2 | 661 |
| F10 | Cousin vectran | 12100 | 0,6 | 2 | 772 |
| F11 | Cousin vectran | 12100 | 0,6 | 2 | 828 |
| F12 | Cousin vectran | 12100 | 0,6 | 2 | 939 |
| F13 | Cousin vectran | 12100 | 0,6 | 2 | 1151 |
| FM1 | Liros PPSLS | 65 | 0,76 | 4 | 1485 |
| FM2 | Cousin vectran | 12100 | 0,6 | 2 | 1185 |
| FM3 | Cousin vectran | 12100 | 0,6 | 10 | 1485 |
| AUX | Liros PPSLS | 125 | 1,05 | 2 | 3463 |
| FR | Cousin / Technora | 988 | 2,1 | 2 | 2245 |



Runner XC 165

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| A1 | Cousin vectran | 12100 | 0,6 | 2 | 420 |
| A2 | Cousin vectran | 12100 | 0,6 | 2 | 472 |
| A3 | Cousin vectran | 12240 | 0,9 | 2 | 770 |
| A4 | Cousin vectran | 12240 | 0,9 | 2 | 832 |
| A5 | Cousin vectran | 12240 | 0,9 | 2 | 780 |
| A6 | Cousin vectran | 12240 | 0,9 | 2 | 862 |
| A7 | Cousin vectran | 16330 | 1,0 | 2 | 995 |
| A8 | Cousin vectran | 16330 | 1,0 | 2 | 971 |
| A9 | Cousin vectran | 16330 | 1,0 | 2 | 983 |
| A10 | Cousin vectran | 16330 | 1,0 | 2 | 1033 |
| A11 | Cousin vectran | 16330 | 1,0 | 2 | 1142 |
| A12 | Cousin vectran | 16330 | 1,0 | 2 | 1119 |
| A13 | Cousin vectran | 16330 | 1,0 | 2 | 1140 |
| A14 | Cousin vectran | 16330 | 1,0 | 2 | 1206 |
| AM1 | Cousin vectran | 16330 | 1,0 | 2 | 870 |
| AM2 | Cousin vectran | 16330 | 1,0 | 2 | 995 |
| AM3 | Cousin vectran | 12470 | 1,2 | 2 | 1120 |
| AM4 | Cousin vectran | 12470 | 1,2 | 2 | 1120 |
| AM5 | Cousin vectran | 12470 | 1,2 | 2 | 1120 |
| AM6 | Cousin vectran | 12470 | 1,2 | 2 | 1120 |
| AR1 | Liros PPSLS | 125 | 1,05 | 2 | 3810 |
| AR2 | Liros PPSLS | 260 | 1,58 | 2 | 3600 |
| AR3 | Liros PPSLS | 260 | 1,58 | 2 | 3520 |
| B1 | Cousin vectran | 12100 | 0,6 | 2 | 413 |
| B2 | Cousin vectran | 12100 | 0,6 | 2 | 456 |
| B3 | Cousin vectran | 12240 | 0,9 | 2 | 752 |
| B4 | Cousin vectran | 12240 | 0,9 | 2 | 810 |
| B5 | Cousin vectran | 12240 | 0,9 | 2 | 753 |
| B6 | Cousin vectran | 12240 | 0,9 | 2 | 828 |
| B7 | Cousin vectran | 16330 | 1,0 | 2 | 951 |
| B8 | Cousin vectran | 16330 | 1,0 | 2 | 922 |
| B9 | Cousin vectran | 16330 | 1,0 | 2 | 930 |
| B10 | Cousin vectran | 16330 | 1,0 | 2 | 976 |
| B11 | Cousin vectran | 16330 | 1,0 | 2 | 1082 |
| B12 | Cousin vectran | 16330 | 1,0 | 2 | 1055 |
| B13 | Cousin vectran | 16330 | 1,0 | 2 | 1075 |
| B14 | Cousin vectran | 16330 | 1,0 | 2 | 1142 |
| BM1 | Cousin vectran | 16330 | 1,0 | 2 | 870 |
| BM2 | Cousin vectran | 16330 | 1,0 | 2 | 995 |
| BM3 | Cousin vectran | 12470 | 1,2 | 2 | 1120 |
| BM4 | Cousin vectran | 12470 | 1,2 | 2 | 1120 |
| BM5 | Cousin vectran | 12470 | 1,2 | 2 | 1120 |
| BM6 | Cousin vectran | 12470 | 1,2 | 2 | 1120 |
| SM | Cousin vectran | 12100 | 0,6 | 6 | 800 |
| STB | Liros PPSLS | 125 | 1,05 | 2 | 3960 |
| BR1 | Liros PPSLS | 125 | 1,05 | 2 | 3810 |
| BR2 | Liros PPSLS | 260 | 1,58 | 2 | 3600 |
| BR3 | Liros PPSLS | 260 | 1,58 | 2 | 3520 |
| C1 | Cousin vectran | 12100 | 0,6 | 2 | 443 |
| C2 | Cousin vectran | 12100 | 0,6 | 2 | 476 |
| C3 | Cousin vectran | 12240 | 0,9 | 2 | 773 |

Runner XC 165

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| C4 | Cousin vectran | 12240 | 0,9 | 2 | 842 |
| C5 | Cousin vectran | 12240 | 0,9 | 2 | 793 |
| C6 | Cousin vectran | 12240 | 0,9 | 2 | 874 |
| C7 | Cousin vectran | 12240 | 0,9 | 2 | 981 |
| C8 | Cousin vectran | 12240 | 0,9 | 2 | 959 |
| C9 | Cousin vectran | 12240 | 0,9 | 2 | 971 |
| C10 | Cousin vectran | 12240 | 0,9 | 2 | 1019 |
| C11 | Cousin vectran | 12240 | 0,9 | 2 | 1126 |
| C12 | Cousin vectran | 12240 | 0,9 | 2 | 1100 |
| C13 | Cousin vectran | 12240 | 0,9 | 2 | 1121 |
| C14 | Cousin vectran | 12240 | 0,9 | 2 | 1187 |
| CM1 | Cousin vectran | 16330 | 1,0 | 2 | 870 |
| CM2 | Cousin vectran | 16330 | 1,0 | 2 | 995 |
| CM3 | Cousin vectran | 16330 | 1,0 | 2 | 1120 |
| CM4 | Cousin vectran | 16330 | 1,0 | 2 | 1120 |
| CM5 | Cousin vectran | 16330 | 1,0 | 2 | 1120 |
| CM6 | Cousin vectran | 16330 | 1,0 | 2 | 1120 |
| CR1 | Liros PPSLS | 125 | 1,05 | 2 | 3810 |
| CR2 | Liros PPSLS | 180 | 1,25 | 2 | 3600 |
| CR3 | Liros PPSLS | 180 | 1,25 | 2 | 3520 |
| D7 | Cousin vectran | 12240 | 0,9 | 2 | 1060 |
| D8 | Cousin vectran | 12240 | 0,9 | 2 | 1048 |
| D9 | Cousin vectran | 12240 | 0,9 | 2 | 1066 |
| D10 | Cousin vectran | 12240 | 0,9 | 2 | 1118 |
| D11 | Cousin vectran | 12240 | 0,9 | 2 | 1229 |
| D12 | Cousin vectran | 12240 | 0,9 | 2 | 1207 |
| D13 | Cousin vectran | 12240 | 0,9 | 2 | 1229 |
| D14 | Cousin vectran | 12240 | 0,9 | 2 | 1293 |
| DM3 | Cousin vectran | 16330 | 1,0 | 2 | 1120 |
| DM4 | Cousin vectran | 16330 | 1,0 | 2 | 1120 |
| DM5 | Cousin vectran | 16330 | 1,0 | 2 | 1120 |
| DM6 | Cousin vectran | 16330 | 1,0 | 2 | 1120 |
| DR2 | Liros PPSLS | 125 | 1,05 | 2 | 3600 |
| DR3 | Liros PPSLS | 125 | 1,05 | 2 | 3520 |
| F1 | Cousin vectran | 12100 | 0,6 | 2 | 572 |
| F2 | Cousin vectran | 12100 | 0,6 | 2 | 620 |
| F3 | Cousin vectran | 12100 | 0,6 | 2 | 719 |
| F4 | Cousin vectran | 12100 | 0,6 | 2 | 475 |
| F5 | Cousin vectran | 12100 | 0,6 | 2 | 543 |
| F6 | Cousin vectran | 12100 | 0,6 | 2 | 589 |
| F7 | Cousin vectran | 12100 | 0,6 | 2 | 596 |
| F8 | Cousin vectran | 12100 | 0,6 | 2 | 632 |
| F9 | Cousin vectran | 12100 | 0,6 | 2 | 702 |
| F10 | Cousin vectran | 12100 | 0,6 | 2 | 816 |
| F11 | Cousin vectran | 12100 | 0,6 | 2 | 873 |
| F12 | Cousin vectran | 12100 | 0,6 | 2 | 989 |
| F13 | Cousin vectran | 12100 | 0,6 | 2 | 1208 |
| FM1 | Liros PPSLS | 65 | 0,76 | 4 | 1555 |
| FM2 | Cousin vectran | 12100 | 0,6 | 2 | 1240 |
| FM3 | Cousin vectran | 12100 | 0,6 | 10 | 1555 |
| AUX | Liros PPSLS | 125 | 1,05 | 2 | 3625 |
| FR | Cousin / Technora | 988 | 2,1 | 2 | 2340 |



Runner XC 180

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| A1 | Cousin vectran | 12100 | 0,6 | 2 | 448 |
| A2 | Cousin vectran | 12100 | 0,6 | 2 | 503 |
| A3 | Cousin vectran | 12240 | 0,9 | 2 | 818 |
| A4 | Cousin vectran | 12240 | 0,9 | 2 | 883 |
| A5 | Cousin vectran | 12240 | 0,9 | 2 | 824 |
| A6 | Cousin vectran | 12240 | 0,9 | 2 | 909 |
| A7 | Cousin vectran | 16330 | 1,0 | 2 | 1052 |
| A8 | Cousin vectran | 16330 | 1,0 | 2 | 1027 |
| A9 | Cousin vectran | 16330 | 1,0 | 2 | 1038 |
| A10 | Cousin vectran | 16330 | 1,0 | 2 | 1089 |
| A11 | Cousin vectran | 16330 | 1,0 | 2 | 1203 |
| A12 | Cousin vectran | 16330 | 1,0 | 2 | 1177 |
| A13 | Cousin vectran | 16330 | 1,0 | 2 | 1199 |
| A14 | Cousin vectran | 16330 | 1,0 | 2 | 1266 |
| AM1 | Cousin vectran | 16330 | 1,0 | 2 | 905 |
| AM2 | Cousin vectran | 16330 | 1,0 | 2 | 1040 |
| AM3 | Cousin vectran | 12470 | 1,2 | 2 | 1165 |
| AM4 | Cousin vectran | 12470 | 1,2 | 2 | 1165 |
| AM5 | Cousin vectran | 12470 | 1,2 | 2 | 1165 |
| AM6 | Cousin vectran | 12470 | 1,2 | 2 | 1165 |
| AR1 | Liros PPSLS | 125 | 1,05 | 2 | 3980 |
| AR2 | Liros PPSLS | 260 | 1,58 | 2 | 3760 |
| AR3 | Liros PPSLS | 260 | 1,58 | 2 | 3675 |
| B1 | Cousin vectran | 12100 | 0,6 | 2 | 441 |
| B2 | Cousin vectran | 12100 | 0,6 | 2 | 486 |
| B3 | Cousin vectran | 12240 | 0,9 | 2 | 800 |
| B4 | Cousin vectran | 12240 | 0,9 | 2 | 860 |
| B5 | Cousin vectran | 12240 | 0,9 | 2 | 796 |
| B6 | Cousin vectran | 12240 | 0,9 | 2 | 873 |
| B7 | Cousin vectran | 16330 | 1,0 | 2 | 1006 |
| B8 | Cousin vectran | 16330 | 1,0 | 2 | 976 |
| B9 | Cousin vectran | 16330 | 1,0 | 2 | 983 |
| B10 | Cousin vectran | 16330 | 1,0 | 2 | 1030 |
| B11 | Cousin vectran | 16330 | 1,0 | 2 | 1140 |
| B12 | Cousin vectran | 16330 | 1,0 | 2 | 1111 |
| B13 | Cousin vectran | 16330 | 1,0 | 2 | 1131 |
| B14 | Cousin vectran | 16330 | 1,0 | 2 | 1200 |
| BM1 | Cousin vectran | 16330 | 1,0 | 2 | 905 |
| BM2 | Cousin vectran | 16330 | 1,0 | 2 | 1040 |
| BM3 | Cousin vectran | 12470 | 1,2 | 2 | 1165 |
| BM4 | Cousin vectran | 12470 | 1,2 | 2 | 1165 |
| BM5 | Cousin vectran | 12470 | 1,2 | 2 | 1165 |
| BM6 | Cousin vectran | 12470 | 1,2 | 2 | 1165 |
| SM | Cousin vectran | 12100 | 0,6 | 6 | 840 |
| STB | Liros PPSLS | 125 | 1,05 | 2 | 4135 |
| BR1 | Liros PPSLS | 125 | 1,05 | 2 | 3980 |
| BR2 | Liros PPSLS | 260 | 1,58 | 2 | 3760 |
| BR3 | Liros PPSLS | 260 | 1,58 | 2 | 3675 |
| C1 | Cousin vectran | 12100 | 0,6 | 2 | 473 |
| C2 | Cousin vectran | 12100 | 0,6 | 2 | 508 |
| C3 | Cousin vectran | 12240 | 0,9 | 2 | 823 |

Runner XC 180

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| C4 | Cousin vectran | 12240 | 0,9 | 2 | 895 |
| C5 | Cousin vectran | 12240 | 0,9 | 2 | 839 |
| C6 | Cousin vectran | 12240 | 0,9 | 2 | 923 |
| C7 | Cousin vectran | 12240 | 0,9 | 2 | 1039 |
| C8 | Cousin vectran | 12240 | 0,9 | 2 | 1015 |
| C9 | Cousin vectran | 12240 | 0,9 | 2 | 1026 |
| C10 | Cousin vectran | 12240 | 0,9 | 2 | 1075 |
| C11 | Cousin vectran | 12240 | 0,9 | 2 | 1187 |
| C12 | Cousin vectran | 12240 | 0,9 | 2 | 1159 |
| C13 | Cousin vectran | 12240 | 0,9 | 2 | 1179 |
| C14 | Cousin vectran | 12240 | 0,9 | 2 | 1247 |
| CM1 | Cousin vectran | 16330 | 1,0 | 2 | 905 |
| CM2 | Cousin vectran | 16330 | 1,0 | 2 | 1040 |
| CM3 | Cousin vectran | 16330 | 1,0 | 2 | 1165 |
| CM4 | Cousin vectran | 16330 | 1,0 | 2 | 1165 |
| CM5 | Cousin vectran | 16330 | 1,0 | 2 | 1165 |
| CM6 | Cousin vectran | 16330 | 1,0 | 2 | 1165 |
| CR1 | Liros PPSLS | 125 | 1,05 | 2 | 3980 |
| CR2 | Liros PPSLS | 180 | 1,25 | 2 | 3760 |
| CR3 | Liros PPSLS | 180 | 1,25 | 2 | 3675 |
| D7 | Cousin vectran | 12240 | 0,9 | 2 | 1121 |
| D8 | Cousin vectran | 12240 | 0,9 | 2 | 1108 |
| D9 | Cousin vectran | 12240 | 0,9 | 2 | 1126 |
| D10 | Cousin vectran | 12240 | 0,9 | 2 | 1178 |
| D11 | Cousin vectran | 12240 | 0,9 | 2 | 1294 |
| D12 | Cousin vectran | 12240 | 0,9 | 2 | 1270 |
| D13 | Cousin vectran | 12240 | 0,9 | 2 | 1291 |
| D14 | Cousin vectran | 12240 | 0,9 | 2 | 1358 |
| DM3 | Cousin vectran | 16330 | 1,0 | 2 | 1165 |
| DM4 | Cousin vectran | 16330 | 1,0 | 2 | 1165 |
| DM5 | Cousin vectran | 16330 | 1,0 | 2 | 1165 |
| DM6 | Cousin vectran | 16330 | 1,0 | 2 | 1165 |
| DR2 | Liros PPSLS | 125 | 1,05 | 2 | 3760 |
| DR3 | Liros PPSLS | 125 | 1,05 | 2 | 3675 |
| F1 | Cousin vectran | 12100 | 0,6 | 2 | 610 |
| F2 | Cousin vectran | 12100 | 0,6 | 2 | 661 |
| F3 | Cousin vectran | 12100 | 0,6 | 2 | 764 |
| F4 | Cousin vectran | 12100 | 0,6 | 2 | 508 |
| F5 | Cousin vectran | 12100 | 0,6 | 2 | 578 |
| F6 | Cousin vectran | 12100 | 0,6 | 2 | 625 |
| F7 | Cousin vectran | 12100 | 0,6 | 2 | 632 |
| F8 | Cousin vectran | 12100 | 0,6 | 2 | 668 |
| F9 | Cousin vectran | 12100 | 0,6 | 2 | 740 |
| F10 | Cousin vectran | 12100 | 0,6 | 2 | 856 |
| F11 | Cousin vectran | 12100 | 0,6 | 2 | 916 |
| F12 | Cousin vectran | 12100 | 0,6 | 2 | 1035 |
| F13 | Cousin vectran | 12100 | 0,6 | 2 | 1263 |
| FM1 | Liros PPSLS | 65 | 0,76 | 4 | 1625 |
| FM2 | Cousin vectran | 12100 | 0,6 | 2 | 1295 |
| FM3 | Cousin vectran | 12100 | 0,6 | 10 | 1625 |
| AUX | Liros PPSLS | 125 | 1,05 | 2 | 3783 |
| FR | Cousin / Technora | 988 | 2,1 | 2 | 2430 |



Runner XC 195

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| A1 | Cousin vectran | 12100 | 0,6 | 2 | 482 |
| A2 | Cousin vectran | 12100 | 0,6 | 2 | 539 |
| A3 | Cousin vectran | 12240 | 0,9 | 2 | 859 |
| A4 | Cousin vectran | 12240 | 0,9 | 2 | 926 |
| A5 | Cousin vectran | 12240 | 0,9 | 2 | 869 |
| A6 | Cousin vectran | 12240 | 0,9 | 2 | 956 |
| A7 | Cousin vectran | 16330 | 1,0 | 2 | 1096 |
| A8 | Cousin vectran | 16330 | 1,0 | 2 | 1069 |
| A9 | Cousin vectran | 16330 | 1,0 | 2 | 1080 |
| A10 | Cousin vectran | 16330 | 1,0 | 2 | 1131 |
| A11 | Cousin vectran | 16330 | 1,0 | 2 | 1250 |
| A12 | Cousin vectran | 16330 | 1,0 | 2 | 1222 |
| A13 | Cousin vectran | 16330 | 1,0 | 2 | 1244 |
| A14 | Cousin vectran | 16330 | 1,0 | 2 | 1313 |
| AM1 | Cousin vectran | 16330 | 1,0 | 2 | 945 |
| AM2 | Cousin vectran | 16330 | 1,0 | 2 | 1080 |
| AM3 | Cousin vectran | 12470 | 1,2 | 2 | 1215 |
| AM4 | Cousin vectran | 12470 | 1,2 | 2 | 1215 |
| AM5 | Cousin vectran | 12470 | 1,2 | 2 | 1215 |
| AM6 | Cousin vectran | 12470 | 1,2 | 2 | 1215 |
| AR1 | Liros PPSLS | 125 | 1,05 | 2 | 4140 |
| AR2 | Liros PPSLS | 260 | 1,58 | 2 | 3915 |
| AR3 | Liros PPSLS | 260 | 1,58 | 2 | 3815 |
| B1 | Cousin vectran | 12100 | 0,6 | 2 | 475 |
| B2 | Cousin vectran | 12100 | 0,6 | 2 | 523 |
| B3 | Cousin vectran | 12240 | 0,9 | 2 | 840 |
| B4 | Cousin vectran | 12240 | 0,9 | 2 | 902 |
| B5 | Cousin vectran | 12240 | 0,9 | 2 | 840 |
| B6 | Cousin vectran | 12240 | 0,9 | 2 | 919 |
| B7 | Cousin vectran | 16330 | 1,0 | 2 | 1048 |
| B8 | Cousin vectran | 16330 | 1,0 | 2 | 1015 |
| B9 | Cousin vectran | 16330 | 1,0 | 2 | 1022 |
| B10 | Cousin vectran | 16330 | 1,0 | 2 | 1070 |
| B11 | Cousin vectran | 16330 | 1,0 | 2 | 1184 |
| B12 | Cousin vectran | 16330 | 1,0 | 2 | 1153 |
| B13 | Cousin vectran | 16330 | 1,0 | 2 | 1173 |
| B14 | Cousin vectran | 16330 | 1,0 | 2 | 1243 |
| BM1 | Cousin vectran | 16330 | 1,0 | 2 | 945 |
| BM2 | Cousin vectran | 16330 | 1,0 | 2 | 1080 |
| BM3 | Cousin vectran | 12470 | 1,2 | 2 | 1215 |
| BM4 | Cousin vectran | 12470 | 1,2 | 2 | 1215 |
| BM5 | Cousin vectran | 12470 | 1,2 | 2 | 1215 |
| BM6 | Cousin vectran | 12470 | 1,2 | 2 | 1215 |
| SM | Cousin vectran | 12100 | 0,6 | 6 | 870 |
| STB | Liros PPSLS | 125 | 1,05 | 2 | 4300 |
| BR1 | Liros PPSLS | 125 | 1,05 | 2 | 4140 |
| BR2 | Liros PPSLS | 260 | 1,58 | 2 | 3915 |
| BR3 | Liros PPSLS | 260 | 1,58 | 2 | 3815 |
| C1 | Cousin vectran | 12100 | 0,6 | 2 | 509 |
| C2 | Cousin vectran | 12100 | 0,6 | 2 | 546 |
| C3 | Cousin vectran | 12240 | 0,9 | 2 | 865 |

Runner XC 195

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| C4 | Cousin vectran | 12240 | 0,9 | 2 | 940 |
| C5 | Cousin vectran | 12240 | 0,9 | 2 | 886 |
| C6 | Cousin vectran | 12240 | 0,9 | 2 | 972 |
| C7 | Cousin vectran | 12240 | 0,9 | 2 | 1083 |
| C8 | Cousin vectran | 12240 | 0,9 | 2 | 1057 |
| C9 | Cousin vectran | 12240 | 0,9 | 2 | 1067 |
| C10 | Cousin vectran | 12240 | 0,9 | 2 | 1117 |
| C11 | Cousin vectran | 12240 | 0,9 | 2 | 1233 |
| C12 | Cousin vectran | 12240 | 0,9 | 2 | 1203 |
| C13 | Cousin vectran | 12240 | 0,9 | 2 | 1224 |
| C14 | Cousin vectran | 12240 | 0,9 | 2 | 1293 |
| CM1 | Cousin vectran | 16330 | 1,0 | 2 | 945 |
| CM2 | Cousin vectran | 16330 | 1,0 | 2 | 1080 |
| CM3 | Cousin vectran | 16330 | 1,0 | 2 | 1215 |
| CM4 | Cousin vectran | 16330 | 1,0 | 2 | 1215 |
| CM5 | Cousin vectran | 16330 | 1,0 | 2 | 1215 |
| CM6 | Cousin vectran | 16330 | 1,0 | 2 | 1215 |
| CR1 | Liros PPSLS | 125 | 1,05 | 2 | 4140 |
| CR2 | Liros PPSLS | 180 | 1,25 | 2 | 3915 |
| CR3 | Liros PPSLS | 180 | 1,25 | 2 | 3815 |
| D7 | Cousin vectran | 12240 | 0,9 | 2 | 1169 |
| D8 | Cousin vectran | 12240 | 0,9 | 2 | 1154 |
| D9 | Cousin vectran | 12240 | 0,9 | 2 | 1171 |
| D10 | Cousin vectran | 12240 | 0,9 | 2 | 1224 |
| D11 | Cousin vectran | 12240 | 0,9 | 2 | 1345 |
| D12 | Cousin vectran | 12240 | 0,9 | 2 | 1319 |
| D13 | Cousin vectran | 12240 | 0,9 | 2 | 1340 |
| D14 | Cousin vectran | 12240 | 0,9 | 2 | 1408 |
| DM3 | Cousin vectran | 16330 | 1,0 | 2 | 1215 |
| DM4 | Cousin vectran | 16330 | 1,0 | 2 | 1215 |
| DM5 | Cousin vectran | 16330 | 1,0 | 2 | 1215 |
| DM6 | Cousin vectran | 16330 | 1,0 | 2 | 1215 |
| DR2 | Liros PPSLS | 125 | 1,05 | 2 | 3915 |
| DR3 | Liros PPSLS | 125 | 1,05 | 2 | 3815 |
| F1 | Cousin vectran | 12100 | 0,6 | 2 | 640 |
| F2 | Cousin vectran | 12100 | 0,6 | 2 | 694 |
| F3 | Cousin vectran | 12100 | 0,6 | 2 | 801 |
| F4 | Cousin vectran | 12100 | 0,6 | 2 | 536 |
| F5 | Cousin vectran | 12100 | 0,6 | 2 | 608 |
| F6 | Cousin vectran | 12100 | 0,6 | 2 | 656 |
| F7 | Cousin vectran | 12100 | 0,6 | 2 | 663 |
| F8 | Cousin vectran | 12100 | 0,6 | 2 | 700 |
| F9 | Cousin vectran | 12100 | 0,6 | 2 | 772 |
| F10 | Cousin vectran | 12100 | 0,6 | 2 | 894 |
| F11 | Cousin vectran | 12100 | 0,6 | 2 | 954 |
| F12 | Cousin vectran | 12100 | 0,6 | 2 | 1077 |
| F13 | Cousin vectran | 12100 | 0,6 | 2 | 1313 |
| FM1 | Liros PPSLS | 65 | 0,76 | 4 | 1690 |
| FM2 | Cousin vectran | 12100 | 0,6 | 2 | 1350 |
| FM3 | Cousin vectran | 12100 | 0,6 | 10 | 1690 |
| AUX | Liros PPSLS | 125 | 1,05 | 2 | 3936 |
| FR | Cousin / Technora | 988 | 2,1 | 2 | 2520 |



Runner XC 225

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| A1 | Cousin vectran | 12100 | 0,6 | 2 | 532 |
| A2 | Cousin vectran | 12100 | 0,6 | 2 | 594 |
| A3 | Cousin vectran | 12240 | 0,9 | 2 | 939 |
| A4 | Cousin vectran | 12240 | 0,9 | 2 | 1010 |
| A5 | Cousin vectran | 12240 | 0,9 | 2 | 949 |
| A6 | Cousin vectran | 12240 | 0,9 | 2 | 1041 |
| A7 | Cousin vectran | 16330 | 1,0 | 2 | 1191 |
| A8 | Cousin vectran | 16330 | 1,0 | 2 | 1161 |
| A9 | Cousin vectran | 16330 | 1,0 | 2 | 1171 |
| A10 | Cousin vectran | 16330 | 1,0 | 2 | 1225 |
| A11 | Cousin vectran | 16330 | 1,0 | 2 | 1348 |
| A12 | Cousin vectran | 16330 | 1,0 | 2 | 1316 |
| A13 | Cousin vectran | 16330 | 1,0 | 2 | 1337 |
| A14 | Cousin vectran | 16330 | 1,0 | 2 | 1410 |
| AM1 | Cousin vectran | 16330 | 1,0 | 2 | 1015 |
| AM2 | Cousin vectran | 16330 | 1,0 | 2 | 1160 |
| AM3 | Cousin vectran | 12470 | 1,2 | 2 | 1305 |
| AM4 | Cousin vectran | 12470 | 1,2 | 2 | 1305 |
| AM5 | Cousin vectran | 12470 | 1,2 | 2 | 1305 |
| AM6 | Cousin vectran | 12470 | 1,2 | 2 | 1305 |
| AR1 | Liros PPSLS | 125 | 1,05 | 2 | 4450 |
| AR2 | Liros PPSLS | 260 | 1,58 | 2 | 4205 |
| AR3 | Liros PPSLS | 260 | 1,58 | 2 | 4110 |
| B1 | Cousin vectran | 12100 | 0,6 | 2 | 526 |
| B2 | Cousin vectran | 12100 | 0,6 | 2 | 576 |
| B3 | Cousin vectran | 12240 | 0,9 | 2 | 919 |
| B4 | Cousin vectran | 12240 | 0,9 | 2 | 985 |
| B5 | Cousin vectran | 12240 | 0,9 | 2 | 917 |
| B6 | Cousin vectran | 12240 | 0,9 | 2 | 1000 |
| B7 | Cousin vectran | 16330 | 1,0 | 2 | 1140 |
| B8 | Cousin vectran | 16330 | 1,0 | 2 | 1104 |
| B9 | Cousin vectran | 16330 | 1,0 | 2 | 1109 |
| B10 | Cousin vectran | 16330 | 1,0 | 2 | 1159 |
| B11 | Cousin vectran | 16330 | 1,0 | 2 | 1277 |
| B12 | Cousin vectran | 16330 | 1,0 | 2 | 1242 |
| B13 | Cousin vectran | 16330 | 1,0 | 2 | 1261 |
| B14 | Cousin vectran | 16330 | 1,0 | 2 | 1335 |
| BM1 | Cousin vectran | 16330 | 1,0 | 2 | 1015 |
| BM2 | Cousin vectran | 16330 | 1,0 | 2 | 1160 |
| BM3 | Cousin vectran | 12470 | 1,2 | 2 | 1305 |
| BM4 | Cousin vectran | 12470 | 1,2 | 2 | 1305 |
| BM5 | Cousin vectran | 12470 | 1,2 | 2 | 1305 |
| BM6 | Cousin vectran | 12470 | 1,2 | 2 | 1305 |
| SM | Cousin vectran | 12100 | 0,6 | 6 | 940 |
| STB | Liros PPSLS | 125 | 1,05 | 2 | 4620 |
| BR1 | Liros PPSLS | 125 | 1,05 | 2 | 4450 |
| BR2 | Liros PPSLS | 260 | 1,58 | 2 | 4205 |
| BR3 | Liros PPSLS | 260 | 1,58 | 2 | 4110 |
| C1 | Cousin vectran | 12100 | 0,6 | 2 | 563 |
| C2 | Cousin vectran | 12100 | 0,6 | 2 | 603 |
| C3 | Cousin vectran | 12240 | 0,9 | 2 | 949 |

Runner XC 225

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| C4 | Cousin vectran | 12240 | 0,9 | 2 | 1028 |
| C5 | Cousin vectran | 12240 | 0,9 | 2 | 969 |
| C6 | Cousin vectran | 12240 | 0,9 | 2 | 1060 |
| C7 | Cousin vectran | 12240 | 0,9 | 2 | 1179 |
| C8 | Cousin vectran | 12240 | 0,9 | 2 | 1149 |
| C9 | Cousin vectran | 12240 | 0,9 | 2 | 1158 |
| C10 | Cousin vectran | 12240 | 0,9 | 2 | 1210 |
| C11 | Cousin vectran | 12240 | 0,9 | 2 | 1330 |
| C12 | Cousin vectran | 12240 | 0,9 | 2 | 1296 |
| C13 | Cousin vectran | 12240 | 0,9 | 2 | 1316 |
| C14 | Cousin vectran | 12240 | 0,9 | 2 | 1389 |
| CM1 | Cousin vectran | 16330 | 1,0 | 2 | 1015 |
| CM2 | Cousin vectran | 16330 | 1,0 | 2 | 1160 |
| CM3 | Cousin vectran | 16330 | 1,0 | 2 | 1305 |
| CM4 | Cousin vectran | 16330 | 1,0 | 2 | 1305 |
| CM5 | Cousin vectran | 16330 | 1,0 | 2 | 1305 |
| CM6 | Cousin vectran | 16330 | 1,0 | 2 | 1305 |
| CR1 | Liros PPSLS | 125 | 1,05 | 2 | 4450 |
| CR2 | Liros PPSLS | 180 | 1,25 | 2 | 4205 |
| CR3 | Liros PPSLS | 180 | 1,25 | 2 | 4110 |
| D7 | Cousin vectran | 12240 | 0,9 | 2 | 1272 |
| D8 | Cousin vectran | 12240 | 0,9 | 2 | 1253 |
| D9 | Cousin vectran | 12240 | 0,9 | 2 | 1270 |
| D10 | Cousin vectran | 12240 | 0,9 | 2 | 1325 |
| D11 | Cousin vectran | 12240 | 0,9 | 2 | 1450 |
| D12 | Cousin vectran | 12240 | 0,9 | 2 | 1420 |
| D13 | Cousin vectran | 12240 | 0,9 | 2 | 1441 |
| D14 | Cousin vectran | 12240 | 0,9 | 2 | 1512 |
| DM3 | Cousin vectran | 16330 | 1,0 | 2 | 1305 |
| DM4 | Cousin vectran | 16330 | 1,0 | 2 | 1305 |
| DM5 | Cousin vectran | 16330 | 1,0 | 2 | 1305 |
| DM6 | Cousin vectran | 16330 | 1,0 | 2 | 1305 |
| DR2 | Liros PPSLS | 125 | 1,05 | 2 | 4205 |
| DR3 | Liros PPSLS | 125 | 1,05 | 2 | 4110 |
| F1 | Cousin vectran | 12100 | 0,6 | 2 | 700 |
| F2 | Cousin vectran | 12100 | 0,6 | 2 | 758 |
| F3 | Cousin vectran | 12100 | 0,6 | 2 | 872 |
| F4 | Cousin vectran | 12100 | 0,6 | 2 | 582 |
| F5 | Cousin vectran | 12100 | 0,6 | 2 | 659 |
| F6 | Cousin vectran | 12100 | 0,6 | 2 | 708 |
| F7 | Cousin vectran | 12100 | 0,6 | 2 | 713 |
| F8 | Cousin vectran | 12100 | 0,6 | 2 | 752 |
| F9 | Cousin vectran | 12100 | 0,6 | 2 | 829 |
| F10 | Cousin vectran | 12100 | 0,6 | 2 | 956 |
| F11 | Cousin vectran | 12100 | 0,6 | 2 | 1019 |
| F12 | Cousin vectran | 12100 | 0,6 | 2 | 1150 |
| F13 | Cousin vectran | 12100 | 0,6 | 2 | 1400 |
| FM1 | Liros PPSLS | 65 | 0,76 | 4 | 1820 |
| FM2 | Cousin vectran | 12100 | 0,6 | 2 | 1450 |
| FM3 | Cousin vectran | 12100 | 0,6 | 10 | 1820 |
| AUX | Liros PPSLS | 125 | 1,05 | 2 | 4233 |
| FR | Cousin / Technora | 988 | 2,1 | 2 | 2690 |



Runner XC 240

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| A1 | Cousin vectran | 12100 | 0,6 | 2 | 558 |
| A2 | Cousin vectran | 12100 | 0,6 | 2 | 623 |
| A3 | Cousin vectran | 12240 | 0,9 | 2 | 981 |
| A4 | Cousin vectran | 12240 | 0,9 | 2 | 1054 |
| A5 | Cousin vectran | 12240 | 0,9 | 2 | 990 |
| A6 | Cousin vectran | 12240 | 0,9 | 2 | 1084 |
| A7 | Cousin vectran | 16330 | 1,0 | 2 | 1236 |
| A8 | Cousin vectran | 16330 | 1,0 | 2 | 1204 |
| A9 | Cousin vectran | 16330 | 1,0 | 2 | 1213 |
| A10 | Cousin vectran | 16330 | 1,0 | 2 | 1268 |
| A11 | Cousin vectran | 16330 | 1,0 | 2 | 1396 |
| A12 | Cousin vectran | 16330 | 1,0 | 2 | 1362 |
| A13 | Cousin vectran | 16330 | 1,0 | 2 | 1383 |
| A14 | Cousin vectran | 16330 | 1,0 | 2 | 1457 |
| AM1 | Cousin vectran | 16330 | 1,0 | 2 | 1050 |
| AM2 | Cousin vectran | 16330 | 1,0 | 2 | 1200 |
| AM3 | Cousin vectran | 12470 | 1,2 | 2 | 1350 |
| AM4 | Cousin vectran | 12470 | 1,2 | 2 | 1350 |
| AM5 | Cousin vectran | 12470 | 1,2 | 2 | 1350 |
| AM6 | Cousin vectran | 12470 | 1,2 | 2 | 1350 |
| AR1 | Liros PPSLS | 125 | 1,05 | 2 | 4600 |
| AR2 | Liros PPSLS | 260 | 1,58 | 2 | 4350 |
| AR3 | Liros PPSLS | 260 | 1,58 | 2 | 4250 |
| B1 | Cousin vectran | 12100 | 0,6 | 2 | 553 |
| B2 | Cousin vectran | 12100 | 0,6 | 2 | 605 |
| B3 | Cousin vectran | 12240 | 0,9 | 2 | 960 |
| B4 | Cousin vectran | 12240 | 0,9 | 2 | 1028 |
| B5 | Cousin vectran | 12240 | 0,9 | 2 | 957 |
| B6 | Cousin vectran | 12240 | 0,9 | 2 | 1043 |
| B7 | Cousin vectran | 16330 | 1,0 | 2 | 1183 |
| B8 | Cousin vectran | 16330 | 1,0 | 2 | 1144 |
| B9 | Cousin vectran | 16330 | 1,0 | 2 | 1149 |
| B10 | Cousin vectran | 16330 | 1,0 | 2 | 1200 |
| B11 | Cousin vectran | 16330 | 1,0 | 2 | 1323 |
| B12 | Cousin vectran | 16330 | 1,0 | 2 | 1285 |
| B13 | Cousin vectran | 16330 | 1,0 | 2 | 1305 |
| B14 | Cousin vectran | 16330 | 1,0 | 2 | 1380 |
| BM1 | Cousin vectran | 16330 | 1,0 | 2 | 1050 |
| BM2 | Cousin vectran | 16330 | 1,0 | 2 | 1200 |
| BM3 | Cousin vectran | 12470 | 1,2 | 2 | 1350 |
| BM4 | Cousin vectran | 12470 | 1,2 | 2 | 1350 |
| BM5 | Cousin vectran | 12470 | 1,2 | 2 | 1350 |
| BM6 | Cousin vectran | 12470 | 1,2 | 2 | 1350 |
| SM | Cousin vectran | 12100 | 0,6 | 6 | 970 |
| STB | Liros PPSLS | 125 | 1,05 | 2 | 4780 |
| BR1 | Liros PPSLS | 125 | 1,05 | 2 | 4600 |
| BR2 | Liros PPSLS | 260 | 1,58 | 2 | 4350 |
| BR3 | Liros PPSLS | 260 | 1,58 | 2 | 4250 |
| C1 | Cousin vectran | 12100 | 0,6 | 2 | 592 |
| C2 | Cousin vectran | 12100 | 0,6 | 2 | 633 |
| C3 | Cousin vectran | 12240 | 0,9 | 2 | 992 |

Runner XC 240

| Nome | Referencia da linha | Diametro / mm | Numero de linhas | Comprimento / mm | |
|------|---------------------|---------------|------------------|------------------|------|
| C4 | Cousin vectran | 12240 | 0,9 | 2 | 1073 |
| C5 | Cousin vectran | 12240 | 0,9 | 2 | 1012 |
| C6 | Cousin vectran | 12240 | 0,9 | 2 | 1105 |
| C7 | Cousin vectran | 12240 | 0,9 | 2 | 1223 |
| C8 | Cousin vectran | 12240 | 0,9 | 2 | 1192 |
| C9 | Cousin vectran | 12240 | 0,9 | 2 | 1201 |
| C10 | Cousin vectran | 12240 | 0,9 | 2 | 1253 |
| C11 | Cousin vectran | 12240 | 0,9 | 2 | 1378 |
| C12 | Cousin vectran | 12240 | 0,9 | 2 | 1342 |
| C13 | Cousin vectran | 12240 | 0,9 | 2 | 1362 |
| C14 | Cousin vectran | 12240 | 0,9 | 2 | 1436 |
| CM1 | Cousin vectran | 16330 | 1,0 | 2 | 1050 |
| CM2 | Cousin vectran | 16330 | 1,0 | 2 | 1200 |
| CM3 | Cousin vectran | 16330 | 1,0 | 2 | 1350 |
| CM4 | Cousin vectran | 16330 | 1,0 | 2 | 1350 |
| CM5 | Cousin vectran | 16330 | 1,0 | 2 | 1350 |
| CM6 | Cousin vectran | 16330 | 1,0 | 2 | 1350 |
| CR1 | Liros PPSLS | 125 | 1,05 | 2 | 4600 |
| CR2 | Liros PPSLS | 180 | 1,25 | 2 | 4350 |
| CR3 | Liros PPSLS | 180 | 1,25 | 2 | 4250 |
| D7 | Cousin vectran | 12240 | 0,9 | 2 | 1320 |
| D8 | Cousin vectran | 12240 | 0,9 | 2 | 1300 |
| D9 | Cousin vectran | 12240 | 0,9 | 2 | 1316 |
| D10 | Cousin vectran | 12240 | 0,9 | 2 | 1372 |
| D11 | Cousin vectran | 12240 | 0,9 | 2 | 1502 |
| D12 | Cousin vectran | 12240 | 0,9 | 2 | 1470 |
| D13 | Cousin vectran | 12240 | 0,9 | 2 | 1491 |
| D14 | Cousin vectran | 12240 | 0,9 | 2 | 1563 |
| DM3 | Cousin vectran | 16330 | 1,0 | 2 | 1350 |
| DM4 | Cousin vectran | 16330 | 1,0 | 2 | 1350 |
| DM5 | Cousin vectran | 16330 | 1,0 | 2 | 1350 |
| DM6 | Cousin vectran | 16330 | 1,0 | 2 | 1350 |
| DR2 | Liros PPSLS | 125 | 1,05 | 2 | 4350 |
| DR3 | Liros PPSLS | 125 | 1,05 | 2 | 4250 |
| F1 | Cousin vectran | 12100 | 0,6 | 2 | 736 |
| F2 | Cousin vectran | 12100 | 0,6 | 2 | 797 |
| F3 | Cousin vectran | 12100 | 0,6 | 2 | 914 |
| F4 | Cousin vectran | 12100 | 0,6 | 2 | 616 |
| F5 | Cousin vectran | 12100 | 0,6 | 2 | 694 |
| F6 | Cousin vectran | 12100 | 0,6 | 2 | 745 |
| F7 | Cousin vectran | 12100 | 0,6 | 2 | 750 |
| F8 | Cousin vectran | 12100 | 0,6 | 2 | 789 |
| F9 | Cousin vectran | 12100 | 0,6 | 2 | 867 |
| F10 | Cousin vectran | 12100 | 0,6 | 2 | 998 |
| F11 | Cousin vectran | 12100 | 0,6 | 2 | 1062 |
| F12 | Cousin vectran | 12100 | 0,6 | 2 | 1197 |
| F13 | Cousin vectran | 12100 | 0,6 | 2 | 1454 |
| FM1 | Liros PPSLS | 65 | 0,76 | 4 | 1880 |
| FM2 | Cousin vectran | 12100 | 0,6 | 2 | 1500 |
| FM3 | Cousin vectran | 12100 | 0,6 | 10 | 1880 |
| AUX | Liros PPSLS | 125 | 1,05 | 2 | 4370 |
| FR | Cousin / Technora | 988 | 2,1 | 2 | 2770 |





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