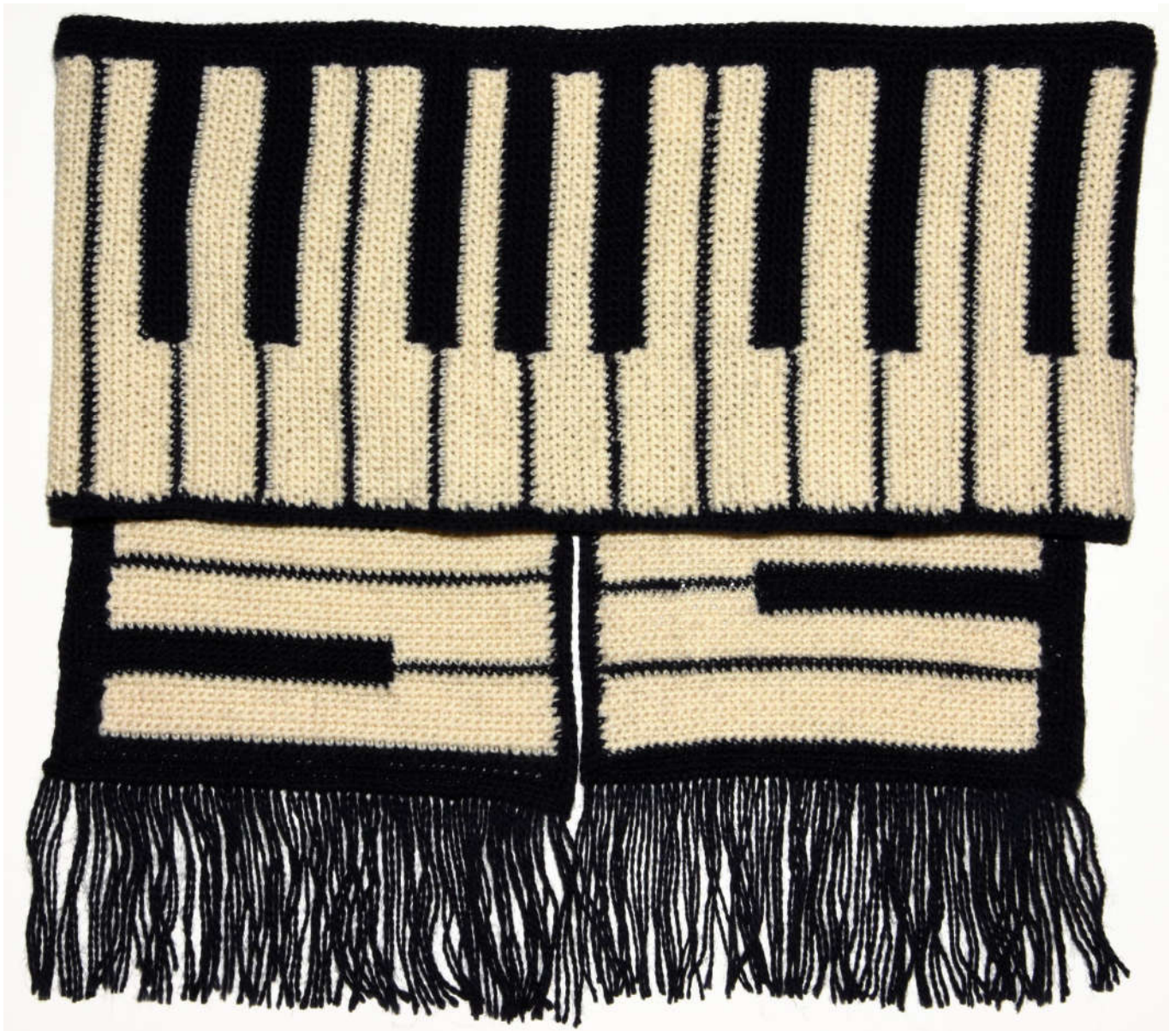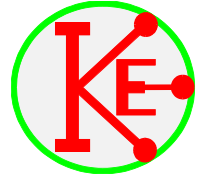# Music keyboard scarf

Scarf details.

The finished scarf is 22cm wide and 171cm long, excluding the fringe and weighs 206g.

It starts with A, A# and B, then 6 complete octaves finishing with a C.

It can easily be made longer by making another octave. Each complete octave is 25.5cm long

The tension of the fabric: 46 st and 61 rows to 200mm.

Fringe length: 9cm.

Materials

Approximately 110g of unbleached 2/9.3nm merino wool,

Approximately 100g of black 2/9.3nm merino wool,

4mm crochet hook,

Tapestry needle for sewing in.

Background.

This crochet pattern was designed to produce a 'realistic' piano keyboard scarf.

While experimenting with the pattern it was found that the definition of the change between white and black keys was poor along each row, as a consequence of the way that each crochet stitch is formed.

In theory, the definition can be improved by using a small crochet hook, thin wool and increasing the number of stitches, but even when using 2/9.3nm wool and a 3.25mm hook, the definition was poor and the fabric was really too thick for a scarf.

As a compromise it was decided to use the 2/9.3nm wool and a 4mm crochet hook to produce a thinner fabric while keeping the white and black colours separate along each row. This results in having to sew together the gaps that are formed, and to sew in the many ends of wool. While not ideal, the improvement in definition of the white and black keys is worth the extra work involved.

Notes

When joining wool into a stitch, do the first dc into this stitch as well as the chain.

Instead of completing each row at a time, it is preferable to complete as much of one of the colours at a time as possible. E.g. Consider the note C, rows 25 to 35. All of the white crochet can be completed without having the black wool joined to the fabric. Once row 34 has been completed for white, and the white wool fastened off, then the black wool can be joined for row 25 and crocheted through to row 35, and then fastened off.

With both colours are fastened off, this is a good time to sew in any ends of wool as well as sew together the gaps between the black and white sections along the rows. All sewing should be completed on the wrong side of the fabric so that none of the sewing is visible from the correct side of the fabric.

When sewing the black and white sections together, it is preferable to use white wool as this is more easily concealed than the black. Should any of the white sewing stitches be visible in the correct side of the black fabric, then they can easily be hidden with a small dab of permanent black ink from a felt tip pen!!

Pattern details.
See pages 5 and 6.

Abbreviations:
BE = Black end-defined by the end where the wool loop is after row 2 (r2)
SR = Store - remove crochet hook from wool loop and insert safety pin into wool loop.
ch = chain stitch
dc = double crochet
W = white wool
B = black wool
Stitch numbers are measured from the black end.
> = away from Black End
< = towards Black End
FO = fasten off by cutting wool, leaving a tail for sewing in, and pulling wool through loop.

To make it easier to keep track of progress with the pattern, the two pages of the pattern can be printed out and laminated. As each row is completed, it is crossed off using a dry wipe white board marker pen. The crossings out can be wiped away before repeating the pattern.

When sufficient octaves have been completed, the scarf should be finished with a C (r25-r35), excluding the shaping for C#.
Another complete row of black is added so that the black wool is now at the black end.

To strengthen and tidy the edge of the scarf it is edged with three rounds of black double crochets. Since the height of a stitch is only approximately 75% of the width of a stitch, it is important, when working along the long sides of the scarf, to only create three stitches for every four rows. This will ensure that the scarf is a flat fabric and does not curl at the edges.
Working around the scarf.
Round 1:   2 ch, 1dc into the base of the last stitch,
              Make 3dc to every 4 rows along the long side of the scarf,
              2 ch, 1dc into the base of the last stitch,
              1 dc into each st along the short side of the scarf,
              2 ch, 1dc into the base of the last stitch,
              Make 3dc to every 4 rows along the long side of the scarf,
              2 ch, 1dc into the base of the last stitch,
              1 dc into each st along the short side of the scarf.
Round 2:   2 ch, 1dc into the base of the last stitch,
              1 dc into each st along the long side of the scarf,
              2 ch, 1dc into the base of the last stitch,
              1 dc into each st along the short side of the scarf,
              2 ch, 1dc into the base of the last stitch,
              1 dc into each st along the long side of the scarf,
              2 ch, 1dc into the base of the last stitch,
              1 dc into each st along the short side of the scarf.
Round 3:   Repeat round 2, FO.

End fringes.

On the short sides, repeat for each dc:

> Take a length of black wool at least 200mm long,
> Fold into half to form a wool loop,
> Using a crochet hook, pull the end of the wool loop through the dc,
> Pass the two free ends of the wool through the wool loop,
> Pull tight to form a knot against the edge of the scarf fabric.
> When complete, the fringe is trimmed with sharp scissors so that all parts of the fringe are the same length.

The picture above shows the fringe during construction. The wool loop has been passed through the edge of the scarf and the two ends have been passed through the loop just before pulling tight.

Merino wool 2/9.3nm - explanation.

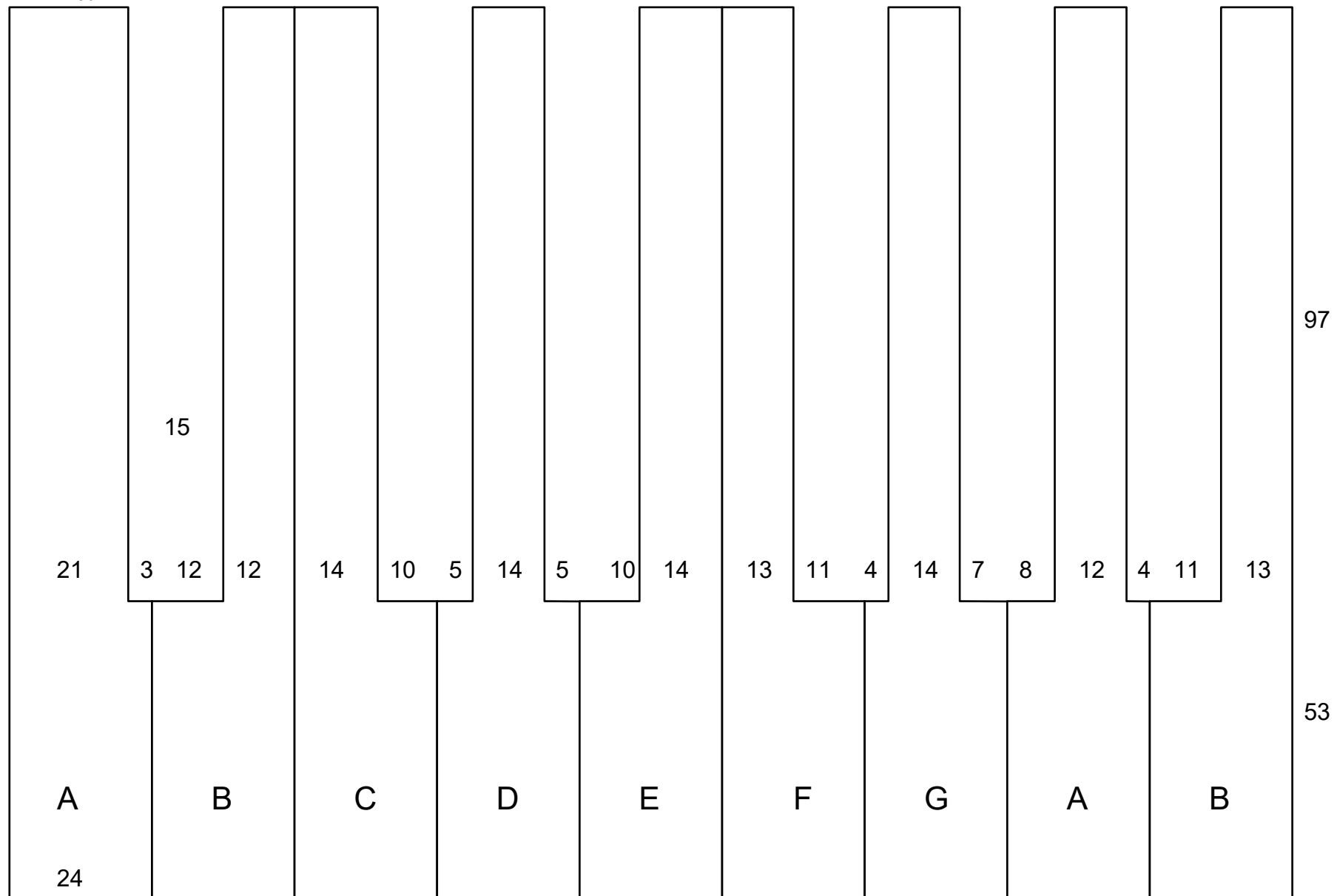The 2 means that there are two threads twisted together.

The 9.3 is a measure of the weight of each thread and indicates that it takes 9300m of thread to weigh 1kg. Therefore for two threads the length is 9300/2 = 4650m/kg.

Therefore on a 500g cone there is 2325m.

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Keyboard Pattern

r0 -B47ch r1-Miss one ch, B46dc r2-B1ch, B46dc The end with wool loop defines the Black End.		r15-B1ch, B30dc, < SR; W1ch, W16, <, SR	2B 5A#	r29>B1ch, B2dc, SR; W1ch, W44dc; < , SR	5C
		r16-> B1ch, B30dc, FO W1ch, W16dc; >, SR	3B 6A#	r30-B1ch, B2dc, < SR; W1ch, W44dc; > , SR	6C
r3-> B1ch, B2dc, SR; Insert hook into st46, white wool through. W1ch, W44dc; < , SR	1A	r17-Insert hook into st2, pull black wool through. B1ch, B2dc, < SR; W1ch, W44dc; < , SR	4B	r31->B1ch, B30dc, SR; W1ch, W16dc; <, SR	7C 1C#
				r32-B1ch, B30dc, <, SR; W1ch, W16dc; >, SR	8C 2C#
r4-B1ch, B2dc, < , SR; W1ch, W44dc; > , SR	2A	r18-> B1ch, B2dc, SR W1ch, W44dc; >, SR	5B	r33->B1ch, B30dc, SR; W1ch, W16dc; <, SR	9C 3C#
r5-> B1ch, B2dc, SR; W1ch, W44dc, < ,SR	3A	r19-B1ch, B2dc, < SR; W1ch, W44dc; < , SR	6B	r34-B1ch, B30dc, <, SR; W1ch, W16dc; >, FO	10C 4C#
■■■■■■■■■■ Repeat Point ■■■■■■■■■■		r20-> B1ch, B2dc, SR W1ch, W44dc; >, SR	7B	r35->B1ch, B46dc, FO	SP 5C#
r6-B1ch, B2dc, < SR; W1ch, W44dc; > SR	4A	r21-B1ch, B2dc, < SR; W1ch, W44dc; < , SR	8B		
r7->B1ch, B2dc, SR; W1ch, W44dc, <, SR	5A	r22->B1ch, B2dc, SR; W1ch, W44dc; >, SR	9B	r36-Insert hook into st30, black wool through. B1ch, B30dc, < SR; Insert hook into st31 white wool through. W1ch, W16dc, >, SR	1D 6C#
r8-B1ch, B2dc, <, SR; W1ch, W44dc; >, SR	6A	r23-B1ch, B2dc, <, SR; W1ch, W44dc;<, FO	10B		
r9->B1ch, B2dc, SR; W1ch, W44dc, <, SR	7A	r24-> B1ch, B46dc, FO	SP	r37-> B1ch, B2dc, SR; W1ch, W44dc;< , SR	2D
r10-B1ch, B2dc <, SR; W1ch, W44dc; >, SR	8A	r25-Insert hook into st1, black wool through. > B1ch, B2dc, SR; Insert hook into st46 white wool through. W1ch, W44dc, <, SR	1C	r38-B1ch, B2dc, < SR; W1ch, W44dc; > , SR	3D
r11->B1ch, B30dc, SR; W1ch, W16dc, <, SR	9A, 1A#			r39-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	4D
r12-B1ch, B30dc, <, SR; W1ch, W16, >, FO	10A 2A#			r40-B1ch, B2dc, < SR; W1ch, W44dc; > , SR	5D
		r26-B1ch, B2dc <, SR; W1ch, W44dc; > , SR	2C	r41-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	6D
r13-> B1ch, B46dc, FO	SP 3A#	r27->B1ch, B2dc, SR; W1ch, W44dc; < , SR	3C	r42-B1ch, B2dc, < SR; W1ch, W44dc; > , SR	7D
r14-Insert hook into st1, black wool through. > B1ch, B30dc, SR; Insert hook into st31 white wool through. W1ch, W16dc, >, SR	1B 4A#	r28-B1ch, B2dc <, SR; W1ch, W44dc; > , SR	4C		

r43-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	8D	r58-Insert hook into st2, black wool through. B1ch, B2dc, <, SR; Insert hook into st3, white wool through. W1ch, W44dc; > , SR	1F	r71-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	3G
r44-B1ch, B2dc, < SR; W1ch, W44dc; > , SR	9D			r72-B1ch, B2dc, <, SR; W1ch, W44dc; > , SR	4G
r45-> B1ch, B30dc, FO; W1ch, W16dc; < , FO	10D 1D#	r59-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	2F	r73-> B1ch, B2dc, SR; W1ch, W44dc, <, SR	5G
r46-Insert hook into st46, black wool through. B1ch, B46dc, <, SR;	SP 2D#	r60-B1ch, B2dc, <, SR; W1ch, W44dc; > , SR	3F	r74-B1ch, B2dc, <, SR; W1ch, W44dc; > , SR	6G
r47-> B1ch, B30dc, SR; Insert hook into st46, white wool through. W1ch, W16dc, <, SR	1E 3D#	r61-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	4F	r75-> B1ch, B2dc, FO; W1ch, W44dc, <, FO	7G
		r62-B1ch, B2dc, <, SR; W1ch, W44dc; > , SR	5F	r76-Insert hook into st30, black wool through. B1ch, B30dc, <, SR; Insert hook into st31, white wool through. W1ch, W16dc, >, SR	8G 1G#
r48-B1ch, B30dc, <, SR; W1ch, W16dc, >, SR	2E 4D#	r63-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	6F		
r49-> B1ch, B30dc, SR; W1ch, W16dc, <, SR	3E 5D#	r64-B1ch, B2dc, <, SR; W1ch, W44dc; > , SR	7F	r77-> B1ch, B30dc, SR; W1ch, W16dc, <, SR	9G 2G#
r50-B1ch, B30dc, <, SR; W1ch, W16dc, >, SR	4E 6D#	r65-> B1ch, B30dc, SR; W1ch, W16dc, <, SR	8F 1F#	r78-B1ch, B30dc, <, SR; W1ch, W16dc, >, FO	10G 3G#
r51-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	5E	r66-B1ch, B30dc, <, SR W1ch, W16dc, >, SR	9F 2F#	r79-> B1ch, B46dc, FO	SP 4G#
r52-B1ch, B2dc, <, SR; W1ch, W44dc; > , SR	6E	r67-> B1ch, B30dc, FO; W1ch, W16dc, <, FO	10F 3F#	r80-Insert hook into st1, black wool through. > B1ch, B30dc, SR; Insert hook into st46, white wool through. W1ch, W16dc, <, SR	1A 5G#
r53-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	7E	r68-Insert hook into st46, black wool through. B1ch, B46dc, <, SR;	SP 4F#		
r54-B1ch, B2dc, <, SR; W1ch, W44dc; > , SR	8E	r69-> B1ch, B30dc, SR; Insert hook into st46, white wool through. W1ch, W16dc, <, SR	1G 5F#	r81-B1ch, B30dc, <, SR W1ch, W16dc, >, SR	2A 6G#
r55-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	9E			r82-> B1ch, B2dc, SR; W1ch, W44dc; < , SR	3A
r56-B1ch, B2dc, <, SR; W1ch, W44dc; > , FO	10E	r70-B1ch, B30dc, <, SR W1ch, W16dc, >, SR	2G 6F#	Go To Repeat Point for r6 for 4A	4A
r57-> B1ch, B46dc, FO	SP				

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21   3 12   12   14   10   5   14   5   10   14   13   11   4   14   7   8   12   4   11   13   97

53

A   B   C   D   E   F   G   A   B

24

Actual keyboard - sizes in mm. Scarf keyboard scaled to be approximately 200mm wide.
A white key is 10 rows and a black key is 6 rows.