The numbers

How many beads?

15° = 275 beads per gram
11 cylinders = 190 beads per gram
11°/12° = 90-100 beads per gram
10° = 80 beads per gram
9° = 70 beads per gram
8° = 40-50 beads per gram
6° = 15-25 beads per gram

Note that these numbers WILL vary according to your stitch tension, manufacturer, and hook size. It's always wise to overestimate; it's easier to remove unneeded beads than to add more.

How many rounds?

15° = 21-24 rounds per inch
12° = 19-20 rounds per inch
11° = 16-17 rounds per inch
11 cylinders = 19-20 rounds per inch
10° = 15-16 rounds per inch
9° = 14-15 rounds per inch
8° = 12-13 rounds per inch
6° = 9-10 rounds per inch

Wait! You don't have a gram scale.

Use the half-teaspoon rule instead. One-half teaspoon has roughly the following number of beads per size:

15° = 800
11 cylinder beads = 675
12° = 540
11° = 400
10° = 300
9° = 190
8° = 150
6° = 56

How much thread?

Your thread's manufacturer will indicate the number of yards per gram. Each slip stitch takes at least of one-half inch of thread. A six-around 8" long tube requires up to 10 yards/meters. Wind more thread than you think you'll need.

For example:

You're using a seven-around pattern in 11°s to make an 8" tube.
7 x 16 rounds per inch = 112 rounds
7 beads x 112 rounds = 784 total beads

Your pattern repeat has twelve beads, 4 of color A and 8 of color B.
784 divided by 12 = 65.3 repeats
65.3 x 4 = 261.3 beads of color A (2.6 grams, less than one-half teaspoon)
65.3 x 8 = 522.6 beads of color B (5.2 grams, less than one full teaspoon)

One-half inch x 784 = 392 inches, divided by 36 = 10.88 yards of thread