



# Ball-jointed doll body

Crochet pattern by Elena Fedchenko

## Ball-jointed doll body.

Hello, dear crochet lovers!

Thank you for buying my pattern. I wish you enjoy crocheting.

## Dear friends!

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When publishing the works, please, mention me, Elena Fedchenko (@katabenza) as the author.

Thank you for your understanding.

## About the pattern:

Please, pay attention, that the pattern doesn't contain any crochet lessons. You will need some crochet skills to make the doll.

The difficulty level is above average.

With this tutorial you can crochet a body for a playing or interior doll. Due to the ball-joints, the doll is able to sit in different positions. The magnets in the hands allow to extend the quantity of positions and to diversify the game.

The doll is not intended for the children under 7 years.

The height of the doll made of the materials specified below is 24 cm.

## Abbreviations:

- ch - chain;
- sc - single crochet;
- ss - slip stitch;
- inc - increase;
- dec - decrease;
- skip - skip 1 loop.

### Please, note:

- 1) Before starting the work, read the whole pattern carefully;
- 2) The description is developed for wrong side crocheting;
- 3) All the parts should be crocheted in continuous spirals, unless otherwise indicated;
- 4) The crocheting should be dense;
- 5) Use contrast thread to mark the end of the row. The quantity of loops in each row must coincide the number in brackets;
- 6) Note that in some places you may need to make shifting loops. I indicated these places in the tutorial. Depending on your yarn, hook and crochet manner you may either make these shifts, or avoid them.

### Materials and tools needed:

- 1) Thin cotton yarn of skin color. I use Iris Vita Cotton #2129, 100% mercerized cotton, 20 g/125 m. The yarn consumption is near 20 g.
- 2) Extra thin cotton yarn or sewing thread of matching color for joining the parts and contrast thread for marking. I use YarnArt Canarias;
- 3) 2-2.5 mm diameter isolated copper wire;
- 4) Fiberfill stuffing;
- 5) Hook of corresponded size. I used 0.9 mm;
- 6) Tweezers and wooden stick for stuffing, thin needle and long needle, pliers.
- 7) 2 round neodymium magnets, 8\*1.5 mm (optionally).



## BALLS

### Wrists (2):

- 1) 5 sc in a magic ring (5)
  - 2) 5 inc (10)
  - 3-4) 10 sc (10)
- Stuff the part and tighten the hole.

### Elbows and knees (4):

- 1) 6 sc in a magic ring (6)
  - 2) 6 inc (12)
  - 3-5) 12 sc (12)
- Stuff the part and tighten the hole.



## ARMS

### Hands (2):

- 1) Make 5 ch, starting from the 2<sup>nd</sup> loop from the hook, crochet: 3 sc, 3 sc in 1 loop, 2 sc, inc (10)
- 2) inc, 4 sc, inc, 4 sc (12)
- 3-6) 4 rows of 12 sc (12) +1 shifting sc.
- 7) 5 sc, 2 inc, 5 sc (14)
- 8) 6 sc, 2 inc, 6 sc (16)
- 9) 16 sc (16)
- 10) 6 sc, 2 dec, 6 sc (14)
- 11) 5 sc, 2 dec, 5 sc (12)
- 12) 5 sc, dec, 4 sc, decrease of the last loop of the 12<sup>th</sup> row and the 1<sup>st</sup> loop of the 13<sup>th</sup> row.
- 13) 9 sc
- 14) 10 sc.

Insert the magnet into the hand. You can easily turn the magnet inside the hand, changing the poles.

Cut the thread, leaving a short tip. Stuff the part slightly. Using a needle or a hook tighten the hole for inner loops. All holes in the pattern should be tightened in this way, except the shoulders. Hide the tip inside the part.

## Forearms (2)

- 1) 5 sc in a magic ring (5)
- 2) 5 inc (10)
- 3) for the front loops only 10 sc (10)
- 4-6) 10 sc (10)
- 7) 9 sc, inc (11)
- 8-10) 3 rows of 11 sc (11)
- 11) 10 sc, inc (12)
- 12-13) 3 rows of 12 sc (12)
- 14) 6 dec for the front loops only (6)

Stuff the part firmly. Cut the thread, leaving a short tip. Tighten the hole. Hide the tip inside the body.



## Shoulders (2)

- 1) 6 sc in a magic ring (6)
- 2) 6 inc (12)
- 3) for the front loops only 12 sc (12)
- 4-14) 11 rows of 12 sc (12)
- 15) 2 sc, inc, 2 sc, inc, 6 sc (14)
- 16-21) 6 rows of 14 sc (14)
- 22) (skip, sc)\*7 or 7 dec (7)

Stuff the part firmly. Cut the thread, leaving a short tip. Tighten the hole for the **back (outer)** loops only. Hide the tip inside the part.



## LEGS

### Feet and shins (2)

1) 5 ch, starting with the 2<sup>nd</sup> loop from the hook, crochet: inc, 2 sc, 4 sc in 1 loop, 2 sc, inc (12)

2-9) 8 rows of 12 sc (12) +1 shifting sc.

10) 8 sc, 2 inc, 2 sc (14)

11) 9 sc, 2 inc, 3 sc (16)

12) 10 sc, 2 inc, 4 sc (18)

13) 18 sc (18)

14) 10 sc, 2 dec, 4 sc (16)

15) 9 sc, 2 dec, 3 sc (14)

16) 8 sc, 2 dec, 2 sc (12)

17) 7 sc, 2 dec, 1 sc (10)

18) 7 sc, dec, 1 sc (9)

19-24) 7 rows of 9 sc (9)

25) 8 sc, inc (10)

26) 8 sc, 2 inc (12)

27) 12 sc (12)

Slightly stuff the sole. Stuff the heel firmly.

28) 8 sc, inc, 2 sc, inc (14)

29) 14 sc (14)

30) 9 sc, inc, 2 sc, inc, sc (16)

31) 10 sc, inc, 2 sc, inc, 2 sc (18)

32-36) 5 rows of 18 sc (18)

37) 11 sc, dec, 2 sc, dec, 1 sc (16)

38) 10 sc, dec, 2 sc, dec (14)

39) 10 sc, 2 dec (12)

40) 12 sc (12)

Stuff the part firmly.

41) 6 dec for the front loops only. (6)

Cut the thread, leaving a short tip. Tighten the hole, fasten off and hide the tip inside part.



## Thighs:

- 1) 6 sc in a magic ring (6)
- 2) 6 inc (12)
- 3) for the front loops only 12 sc (12)
- 4) 5 sc, inc, 6 sc (13)
- 5) 13 sc (13)
- 6) 6 sc, inc, 6 sc (14)
- 7) 14 sc (14)
- 8) 7 sc, inc, 6 sc (15)
- 9) 15 sc (15)
- 10) 8 sc, inc, 6 sc (16)
- 11) 16 sc (16)
- 12) 9 sc, inc, 6 sc (17)
- 13) 17 sc (17)
- 14) 10 sc, inc, 6 sc (18)
- 15) 18 sc (18)
- 16) 11 sc, inc, 6 sc (19)
- 17) 19 sc (19)
- 18) 12 sc, inc, 6 sc (20)
- 19) 20 sc (20)
- 20) 13 sc, inc, 6 sc (21)
- 21) 21 sc (21)
- 22) 14, inc, 6 sc (22)
- 23-29) 7 rows of 22 sc (22)

Flatten the part and crochet 11 sc for both sides, ch, turn, 11 sc.

Tip: it is better to stuff the part when the sides are joined to the half.

Do not stuff the upper part too firmly. Fasten off and cut the thread. The remained thread should be hidden after the legs are joined to the body.





## BODY AND HEAD

1) 23 ch, starting from the 2<sup>nd</sup> loop of the hook, crochet: 21 sc, 3 sc in 1 loop, 20 sc, inc (46)

2) inc, 20 sc, 3 inc, 20 sc, 2 inc (52)

3) sc, inc, 20 sc, inc, 4 sc, inc, 20 sc, inc, 3 sc (56)

4-7) 4 rows of 56 sc (56)

The legs should be joined in the next row. Note that the increases on the thighs are in the back. To join the legs, insert the hook into the loop of the body and then into the correspondent loop of the leg and crochet them together. See the photos.

8) 2 sc, 11 sc thigh+body, 3 sc on the body, 11 sc thigh+body, 29 sc on the body (56)

9-12) 56 sc (56)

13) 32 sc, skip, 20 sc, skip, 2 sc (54)

14) 32 sc, skip, 18 sc, skip, 2 sc (52)

15) 32 sc, skip, 16 sc, skip, 2 sc (50)

16) 4 sc, skip, 20 sc, skip, 6 sc, skip, 14 sc, skip, 2 sc (46)

17) 30 sc, skip, 12 sc, skip, 2 sc (44)

18) 30 sc, skip, 10 sc, skip, 2 sc (42)

19) 30 sc, skip, 8 sc, skip, 2 sc (40)

20) 4 sc, skip, 18 sc, skip, 6 sc, skip, 6 sc, skip, 2 sc (36)

21) 28 sc, skip, 4 sc, skip, 2 sc (34)

22-31) rows of 34 sc (34)

32) 3 sc, inc, 22 sc, inc, 7 sc (36)

33) 4 sc, inc, 22 sc, inc 8 sc (38)





34-40) 7 rows of 38 sc (38)

Stuff the lower part of the body.

41) (4 sc, skip, sc)\*6, 2 sc (32)

42) (3 sc, skip, sc)\*6, 2 sc (26)

43) (2 sc, skip, sc)\*6, 2 sc (20)

Stuff the part.

44) (sc, skip, sc)\*6, 2 sc (14)

45-52) 8 rows of 14 sc (14)

53) 14 inc (28)

54) (sc, inc)\*14 (42)

55) (5 sc, inc)\*7 (49)

Stuff the body firmly.

56-76) 21 rows of 49 sc (49)

Bend the wire as shown in the photo and insert it into the body.

77) (5 sc, skip, sc)\*7 (42)

78) (4 sc, skip, sc)\*7 (35)

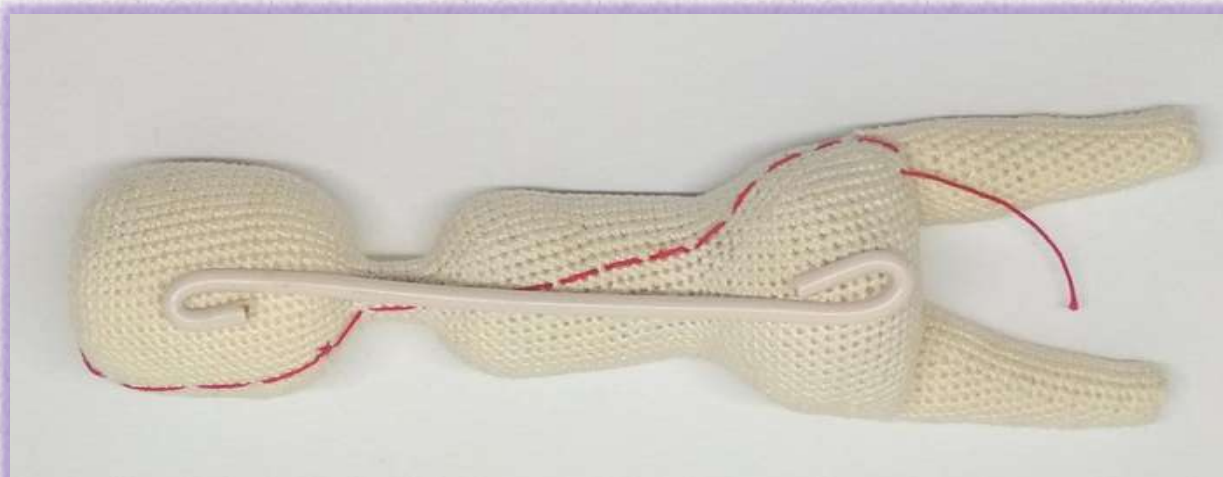
79) (3 sc, skip, sc)\*7 (28)

80) (2 sc, skip, sc)\*7 (21)

81) (sc, skip, sc)\*7 (14)

82) (skip, sc)\*7 (7)

Fasten off and cut the thread. Tighten the hole and hide the tip inside the body.



## Legs assembly

Use a long needle and strong cotton thread of matching color for joining the parts. I recommend YarnArt Canarias #6194.

The tips of the joining thread should be fastened well. If necessary, use pliers. The length of the thread should be at least 40 cm for the legs and one arm. For the second arm the length of the thread should be at least 60 cm.

The joining thread should be tightened well, so the dolls arms and legs can be fixed in different positions.

Insert the needle to the calf and drag the thread to the upper part of the leg (circle). Fix the thread at the circle with 2 or 3 stitches. Drag the thread to the side of the shin 1 row under the circle. See the photo. Pierce the ball through the magic ring and the tightening place. Drag the thread through the shin to the starting point. The distance between these two points must be the same in front and behind. Tighten the thread. Repeat these steps for 3-4 times. Drag the thread through the lower part of the side and through the ball again. Repeat 3-4 times.

To fasten the thread, drag it through the thigh to the upper part and hide inside the stitches. Hide the remaining tip inside the body.





## Arms assembly

When joining the arms the thread should be fastened inside the forearm. The way of putting the parts together is the same as for the legs. Join the hand, drag the thread through the forearm to the elbow and join the shoulder. On the first arm fasten off and cut the thread.

On the second arm a long tip should be remained. Using a long thread try the hands on the body, choosing the right position. The distance between the shoulders in the back should be shorter than in front. Drag the thread through the body, shift 1 sc aside, and dragging the thread back to the first hand. The distance before the 1<sup>st</sup> and the 2<sup>nd</sup> points on the shoulder should be 2 sc.

Repeat these steps for 2-3 times and join the second arm in the same way.



The body is ready! I hope you like it. Decorate the doll as you wish 😊  
Mention @katabenza in your publications, put the hashtag #katabenza\_mk\_doll, so I'll be able to see your works.

If you have any questions, please, feel free to contact me in Instagram @katabenza.

