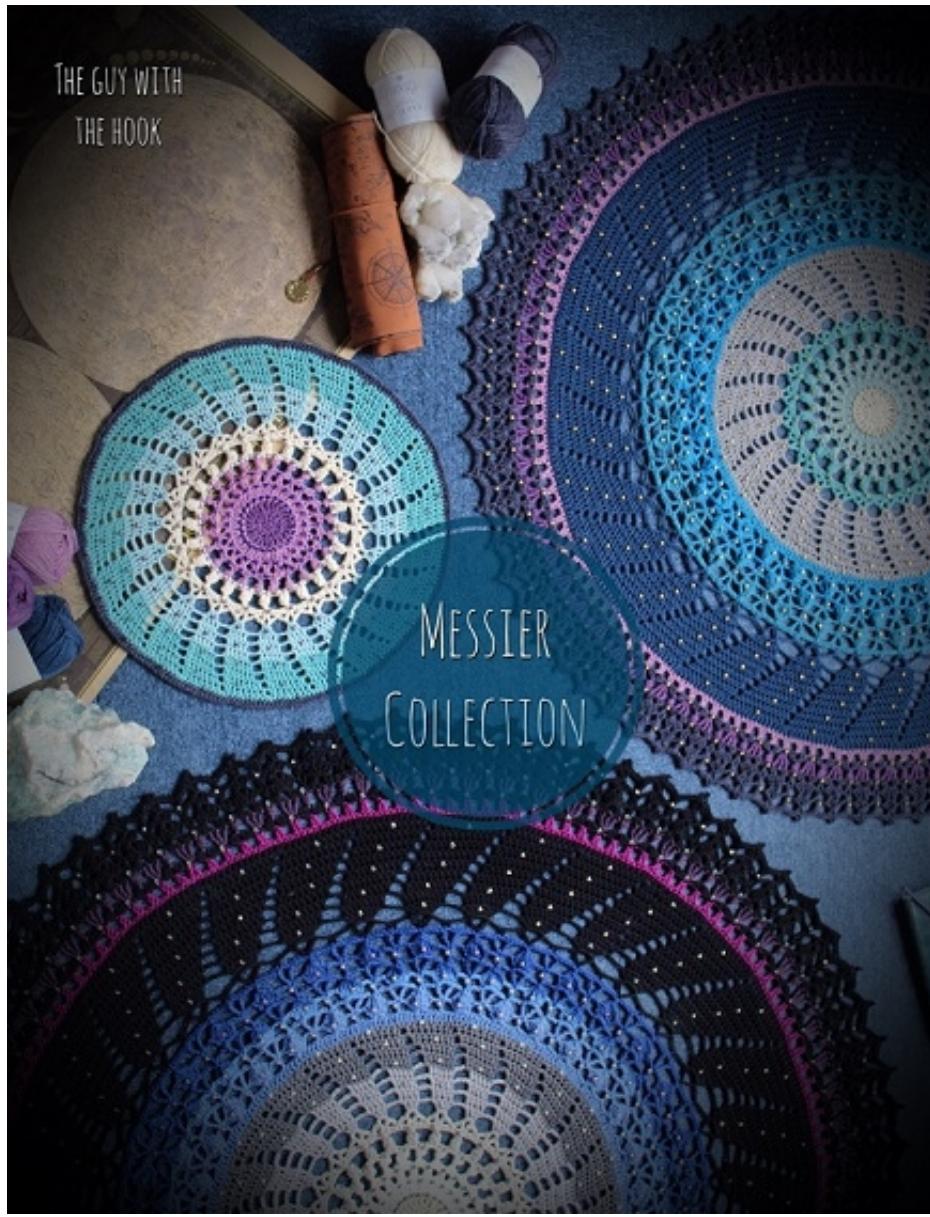


## Small " Messier" free crochet pattern



Messier is a large circle pattern inspired by Charles Messier. The founder of the undefined M objects through space which are named after him. They are also known as starbulbs.

Mark a.k.a. the Guy with the Hook

## U.S crochet terms version

### **Materials needed :**

- A crochet hook size 3,0 mm
- Sewing needle and scissors
- beads ( see details for exact information )
- blocking materials

### **Beads needed :**

The pattern contains a lot of beads. It is important to pick a bead with a right size for the thread of yarn you will use. The Scheepjes Catona and Scheepjes Metropolis versions have size 6/0 round (rocailles) glass beads in them which have a diameter of 1,5 mm. They are 3mm by 4 mm on the outside. There are a lot of brands glass beads and it is fine to take whatever you like. However, the Scheepjes Catona version and the small Metropolis version holds Miyuki glass beads and the large Scheepjes Metropolis version contains Toho glass beads. Just to show off the options are endless. I also made a version with different colors and a color with just one color to show both options work fine.

The amount of beads needed for this pattern :

	Scheepjes Catona version ( miyuki beads )	Amount used :	Scheepjes Metropolis version ( toho beads )	Amount used :	Scheepjes Metropolis version free, small version ( miyuki beads )	Amount used :
Color 1	Metallic gunmetal	72 beads	Galvanized starlight gold	834 beads	Silverlined Dyed Dark Violet	72 beads
Color 2	Ceylon Silver Grey	96 beads			Silverlined Ab dark smokey amethyst	96 beads
Color 3	Ceylon Antique Ivory Pearl	72 beads			Transparant Smokey Amethyst	72 beads
Color 4	Pearlized effect Bronze	132 beads				
Color 5	Galvanized Champagne	66 beads				
Color 6	Pearlized Effect Silver	396 beads				

## **Yarn needed :**

The pattern is made in two different types of yarn. First there is the Scheepjes Catona which is a 100 % mercerised cotton which comes in balls of 10, 25 and 50 grams. A 50 grams ball has a length of 125 meters.

Second, there is the Scheepjes Metropolis which is a yarn containing 75 % merino extra fine and 25 % nylon. A ball of 50 grams contains 200 meters.

In the schedule below you can see for both versions which colors and amounts are used. The entire schedule shows everything needed for the full version of this pattern. If you like to make the smaller, free version which is part 1 and 2, you only need Color A to F.

	<b>Scheepjes Catona version</b>	<b>Amount used :</b>	<b>Scheepjes Metropolis version</b>	<b>Amount used :</b>	<b>Scheepjes Metropolis free small version</b>	<b>Amounts used</b>
<b>Color A</b>	101 Candle Light	5 grams	078 Lyon	3 grams	053 Santiago	3 grams
<b>Color B</b>	105 Bridal White	15 grams	019 Marseille	8 grams	054 Johannesburg	8 grams
<b>Color C</b>	248 Champagne	15 grams	018 Suwon	8 grams	078 Lyon	8 grams
<b>Color D</b>	074 Mercury	20 grams	071 Jakarta	10 grams	019 Marseille	10 grams
<b>Color E</b>	501 Anthracite	30 grams	079 Munich	15 grams	018 Suwon	15 grams
<b>Color F</b>	261 Capri Blue	50 grams	013 Washington	25 grams	070 Cairo	10 grams
<b>Color G</b>	527 midnight	50 grams	010 Ankara	25 grams		
<b>Color H</b>	110 Jet Black	225 grams	007 Philadelphia	60 grams		
<b>Color I</b>	128 Tyrian Purple	50 grams	054 Johannesburg	15 grams		
<b>Color J</b>	394 Shadow Purple	25 grams	053 Santiago	15 grams		
<b>Color K</b>			070 Cairo	50 grams		

## **Finished Size :**

The finished size of the Catona version is : 105 cm on widest point / 41,5 inches on widest point.

The finished size of the Metropolis version is : 85 cm on widest point / 33,5 inches on widest point.

The finished size of the small version is : 35 cm on widest point / 14 inches on widest point.

## Stitches used :

- **SS** – slip stitch
- **SC** – single crochet
- **BSC** – beaded single crochet
- **FPSC** – make a single crochet around the front post of the indicated stitch.
- **SC2TOG** – Insert your hook in the next stitch. Pull up a loop. Insert your hook in the next stitch and again pull up a loop. There should be now 3 loops on the hook. Yarn over and pull through all three stitches.
- **HDC** – half double crochet
- **DC** – double crochet
- **BDC** – Beaded Double Crochet
- **DC2TOG** - Yarn over and insert your hook in the next stitch. Yarn over and pull up a loop. There should be 3 loops on your hook. Yarn over and pull through 2 loops. There should now be 2 loops on your hook. Yarn over and insert your hook in the next stitch. Yarn over and pull up a loop. There should be 4 loops on your hook. Yarn over and pull through 2 loops. There should now be 3 loops on your hook. Yarn over and pull through all 3 loops.
- **DC7TOG** – same as the above dc2tog only you work this over seven indicated sts. Just make each DC halfway in each st and when you have 8 loops on your hook, yarn over and finish it.
- **TR** – Treble crochet
- **Popcorn** - Make 4 dc's in the indicated stitch. Remove your hook from the last dc and insert it into the first dc of the 4-dc group. Insert your hook into the loop of the last dc and pull it through the first dc. Ch 1 to close the Popcorn.
- **Puff stitch** - Yarn over and insert your hook into the specified stitch/space. Yarn over again and pull up a long loop. (Yarn over and insert your hook into the same stitch/space. Yarn over again and pull up a long loop) two more times. Yarn over and pull through all 7 loops on your hook. Ch 1 to close the Puff Stitch.
- **Picot** – Chain 3 and ss into the first made chain.
- **CH** – chain
- **Sp** – space ( as in chain-space )
- **St** – stitch
- **SK** – skip ( as in skip stitch )
- **( )** – part between this is a repeat section within the Round your working on
- **[ ]** – gives a total amount of stitches after a round.
- **<>** - part between these needs to be made in one stitch or space
- **RS** – right side
- **WS** – Wrong side

## Pattern Notes :

- The pattern is worked in Rounds, however you work on and off on the wrong and right side. In the pattern is described when to turn and on which side you work after that.
- all Rounds with beads are worked on the wrong side of the pattern.
- A popcorn stitch is made out of 4DC, and don't forget to close it with a CH1. If there is a CH described after the popcorn in the pattern then this is a new one and not the one which you use to close off the popcorn.
- A puff stitch is made out 3 times pulling a loop up. Close the puff stitch with a CH1. If there is a CH described after the Puff stitch then this is a new one and not the one which you use to close off the puffstitch.
- Your work can get out of shape, not flat or change along the pattern. This is no problem, when you block it in the end this will dissapear.
- Photo's in the pattern can look slightly different from the standard as i am a lefthanded crocheter. It doesn't have to bother but i just put it in all of my patterns.
- The colors in the pattern are described in two ways, the yarn colors are described from A to K and the bead colors are numbered from 1 -6.
- the total amounts of stitches on each Round can sometimes miss some stitches. For example ch's made in that Round. I just name the most important stitches to be made.
- If you are not familiar with stitches used, please refer to the internet. There are tons of youtube video's and websites that explain carefully how they work as they are all regular stitches. I didn't find it necesarry to include these tutorials as it only costs more pages to print or read at this pattern.
- in the pattern stitches in the current Round that need to be made are typed in large letters, stitches referring to previous Rounds are typed in regular letters.
- When making a ss to next indicated space or stitch you make a ss in each st of space you encounter.
- If the pattern says to turn, you turn your work by making a chain.
- The possibility to crochet this pattern without beads is of course no problem. Just obtain the stitches as normal stitches without a bead.
- The amount of beads you need to thread in the instructions are most of the time for more then one Round. In this way you can crochet along with the same yarn over a lot of Rounds. If you find the amount of beads too much to carry along it is of course fine to do it Round by Round. Just check the total amount of stitches for each Round with beads to see how many you need to thread before starting a bead Round.
- The photo's in the pattern added to Round with beads are photographed at the right side of the work to show you how the finished Round would look. However, a Round with beads in this pattern is always worked at the wrong side.

## **Making Beaded stitches :**

If you don't know how to make stitches with beads you need some information on how to do this. Of course the pattern can be easily made without beads as you just have to make the beaded stitches as regular stitches. However, adding beads are really a highlight to your pattern.

To keep this pattern becoming a novel i have made a photo tutorial on my blog which shows you how to make beaded stitches. It shows a beaded SC and a beaded DC, just as you need in this pattern. It also shows some nice photos of how the beads look into this pattern.

Here is the link to the tutorial :

<https://theguywiththehook.wordpress.com/2019/04/07/crocheting-beaded-stitches-hoe-steken-te-haken-met-kraaltjes/>

## The pattern :

### Part 1.

A Messier is a astronomic object found by Charles Messier. Messier was a collector that was searching and watching the universe for undefined objects that we're thought to be comets, but in fact they we're not. He made his first research collection around 1774 as he was done with finding comets that weren't comets after all. He described and named each of the objects he found. He just numbered them like M1 up to M110 in the end. The "M" stood for Messier of course and in the end he located 110 Messier objects. Some of the Messier objects has become very common over time and once you search for them you will surely recognize some of them. However, Charles Messier was far ahead his time discovering these objects. A Messier is a huge sphere of stuffed stars in the end which looks a bit like a maelstrom in space. They come in different colors and shapes, however i tried to create one of the more common ones in this pattern and so in Part 1 we start off in the centre of the pattern. The centre of a Messier is always a place of light, like a light shining in the dark. Enjoy the first part of this pattern.

*Start by taking yarn A and a crochet hook size 3,0mm for both versions.*

Make a magic loop.

**Round 1 (RS)** : CH1 ( does not count as st ), make 6SC in the magic loop, SS into first made SC to connect.

[ 6SC ]



**Round 2** : CH3 ( first DC ), 1DC in same st, ( 2DC in next st ) 5 times. SS in to third CH to connect.

[ 12DC ]



**Round 3 :** CH4 ( first DC + CH1 ), 1DC in same st, CH1, ( 1DC-CH1-1DC-CH1 in next st ) 11 times. SS into third CH to connect. Fasten off.

[ 24DC with a CH1-sp between them all ]



*Take color B and thread 72 beads of bead Color 1 to the yarn for the Catona and Metropolis version.*

**Round 4 (WS) :** Attach yarn in any ch1-sp of last Round on the wrong side. CH1 ( does not count as a st ), ( 1BSC in next ch1-sp, CH2 ) 24 times. SS to first made BSC to connect. Turn.

[ 24BSC and 24 CH2-sp ]



**Round 5 (RS)** : SS to next ch2-sp of last Round. CH3 ( first DC ), 1DC in same ch2-sp, ( 2DC in next ch2-sp ) 23 times. SS to third CH to connect. Turn.

[ 48DC ]



**Round 6 (WS)** : CH1 ( does not count as a st ), ( 1BSC in next st, CH1, 1SC in next st, CH1 ) 24 times. SS to first made BSC to connect. Turn.

[ 24BSC, 24SC and 48 times a CH1-sp ]



**Round 7 (RS) :** SS to next ch1-sp of last Round. CH2 ( counts as a first DC of a DC2TOG ), 1DC in next ch1-sp, CH3, ( 1DC2TOG over next two ch1-sp, CH3 ) 23 times. SS to first made DC ( so not the second ch you started with but the dc after it ) to connect. Turn.

[ 24 DC2TOG and 24 times a CH3-sp ]



**Round 8 (WS) :** CH1 ( does not count as a st ), ( 1BSC in next dc2tog, 1SC in next ch3-sp, CH2, 1SC in same ch3-sp ) 24 times. SS to first made BSC to connect. Turn.

[ 24BSC, 48SC and 24 times a CH2-sp ]



**Round 9 (RS)** : SS to next ch2-sp of last Round. CH3 ( does not count as a st ), 1DC in same ch2-sp, make a PUFFSTITCH around the DC you just made, CH3, ( 1DC in next ch2-sp, make a PUFFSTITCH around the DC you just made, CH3 ) 23 times. SS to first made PUFFSTITCH to connect. Fasten off.

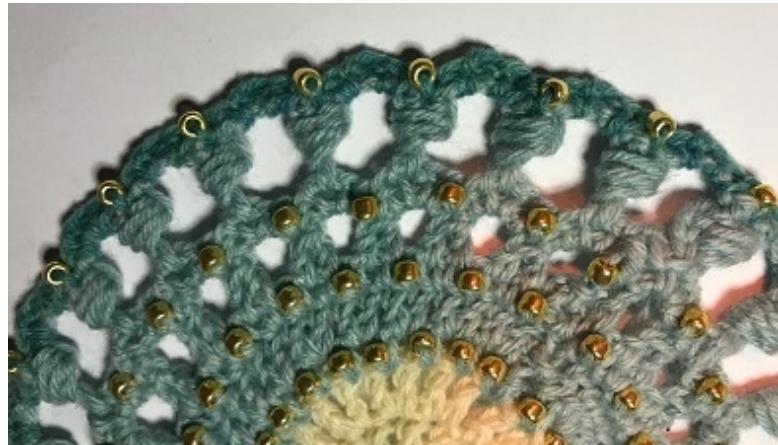
[ 24 PUFFSTITCHES and 24 times a CH3-sp ]



*Take color C and thread 48 beads of bead Color 2 to the yarn for the Catona version. The Metropolis version does the same only with bead color 1.*

**Round 10 (WS)** : Attach yarn in any puffstitch from last Round on the wrong side. CH1 ( does not count as a st ), ( 1BSC in next puffstitch, 1SC in next ch3-sp, CH2, 1SC in same ch3-sp ) 24 times. SS to first made BSC to connect. Turn.

[ 24BSC , 48SC and 24 times a CH2-sp ]



**Round 11 (RS)** : SS to next ch2-sp of last Round. CH3 ( first DC of a popcorn stitch ), 3DC in same sp and finish these 4DC as a POPCORN, CH5, ( make a POPCORN in next ch2-sp, CH5 ) 23 times. SS to first made POPCORN to connect. Turn.

[ 24 POPCORNs and 24 times a CH5-sp ]



**Round 12 (WS)** : SS to next ch5-sp of last Round. CH1 ( does not count as a st ), ( make 5SC in next ch5-sp, 1BDC around popcorn - *so you make the stitch around the popcorn instead of in it* ) 24 times. SS to first made SC to connect. Turn.

[ 24BDC and 120SC ]



**Round 13 (RS)** : SS to next bdc of last Round. CH6 ( first DC + CH3 ), 1DC in same st, CH2, SS into third sc of next 5 sc's of last Round, CH2, ( <1DC-CH3-1DC> in next bdc, CH2, SS into third sc of next 5 sc's of last Round, CH2 ) 23 times. SS to third CH to connect. Fasten off.

[ 24 times a group of 1DC-CH3-1DC, 48 times a CH2-sp and 24 times a SS ]



## Part 2.

The centre of Messier is a fact. We can see the first sparkling stars and we see the bulbs a Messier can hold. But a Messier is also known for it's dazzling effect like you've been sucked into a dark hole. It is not what actually happens but it is more an optic illusion that is created. So a essential part of this pattern for me was trying to reproduce this effect as well. Just to be sucked into the centre of this design and let geometrics do their work. Nice bows of stars will be added in this part which only gives the next phase even more depth. I hope you enjoy the next part.

*Take color D and thread 48 beads of bead Color 2 to the yarn for the Catona version. The Metropolis version does the same only with bead color 1. The next Rounds are all made at the Wrong side til the point where it tells you to turn again.*

**Round 14 (WS)** : Attach yarn in any ch3-sp of last Round on the wrong side. CH3 ( first DC ), 1BDC in same sp, 1DC in same sp, CH4, ( 1DC-1BDC-1DC in next ch3-sp, CH4 ) 23 times. SS to third CH to connect.

[ 24 groups of DC/BDC/DC with a CH4-sp between them ]



*In the next Rounds you will make DC's in ch-sps, make sure you'll keep the DC in the ch-sp right after the last st. So don't crochet it in the middle of the ch-sp but keep it close to the last made st before.*

**Round 15 (WS)** : CH3 ( first DC ), 1DC in next 2 sts, 1DC in next ch4-sp, CH4, ( 1DC in next 3 sts, 1DC in next ch4-sp, CH4 ) 23 times. SS into the third CH to connect.

[ 24 groups of 4DC with a CH4-sp between them ]



**Round 16 (WS)** : CH2 ( counts as first DC of a DC2TOG ), 1DC in next st, 1BDC in next st, 1DC in next st, 1DC in next ch4-sp, CH5, ( DC2TOG over next 2 sts, 1BDC in next st, 1DC in next st, 1DC in next ch4-sp, CH5 ) 23 times. SS to first made DC to connect . SS to first made DC ( *so not the second ch you started with but the dc after it* ) to connect.

[ 24 groups of a DC2TOG/1DC/1BDC/2DC with a CH5-sp between them ]



**Round 17 (WS)** : CH3 ( first DC ), 1DC in next 3 sts, 1DC in next ch5-sp, CH4, ( 1DC in next 4 sts, 1DC in next ch5-sp, CH4 ) 23 times. SS to third CH to connect. Fasten off.

[ 24 groups of 5DC with a CH4-sp between them ]



*Take color E and thread 72 beads of bead Color 3 to the yarn for the Catona version. The Metropolis version does the same only with bead color 1.*

**Round 18 (WS)** : Attach yarn in any first dc of a 5-dc group of the last Round on the wrong side. CH2 ( counts as first DC of a DC2TOG ), 1DC in next st, 1BDC in next st, 1DC in next st, 2DC in next ch4-sp, CH4, ( 1DC2TOG over next 2 sts, 1DC in next st, 1BDC in next st, 1DC in next st, 2DC in next ch4-sp, CH4 ) 23 times. SS to first made DC ( so not the second ch you started with but the dc after it ) to connect.

[ 24 groups of DC2TOG/1DC/1BDC/3DC with a CH4-sp between them ]



**Round 19 (WS)** : CH2, ( counts as first DC of a DC2TOG ),1DC in next st, 1DC in next 4 sts, 1DC in next ch4-sp, CH3, ( 1DC2TOG over next 2 sts, 1DC in next 4 sts, 1DC in next ch4-sp, CH3 ) 23 times. SS to first made DC ( *so not the second ch you started with but the dc after it* ) to connect.

[ 24 groups of DC2TOG/ 5DC with a CH3-sp between them ]



**Round 20 (WS)** : CH2, ( counts as first DC of a DC2TOG ),1DC in next st, 1DC in next st, 1BDC in next st, 1DC in next 2 sts, 2DC in next ch3-sp, CH2, ( 1DC2TOG over next 2 sts, 1DC in next st, 1BDC in next st, 1DC in next 2 sts, 2DC in next ch3-sp, CH2 ) 23 times. SS to first made DC ( *so not the second ch you started with but the dc after it* ) to connect.

[ 24 groups of DC2TOG/1DC/1BDC/4DC with a CH2-sp between them ]



**Round 21 (WS)** : CH2, ( counts as first DC of a DC2TOG ), 1DC in next st, 1DC in next 5 sts, 1DC in next ch2-sp, CH1, ( 1DC2TOG over next 2 sts, 1DC in next 5 sts, 1DC in next ch2-sp, CH1 ) 23 times. . SS to first made DC ( *so not the second ch you started with but the dc after it* ) to connect.

[ 24 groups of DC2TOG/ 6DC with a CH1-sp between them ]



**Round 22 (WS)** : CH1 ( does not count a st ), ( 1SC in next 3 sts, 2SC in next st, 1BSC in next st, 1SC in next 2 sts, 2SC in next ch1-sp ) 24 times. SS to first made SC. Fasten off.

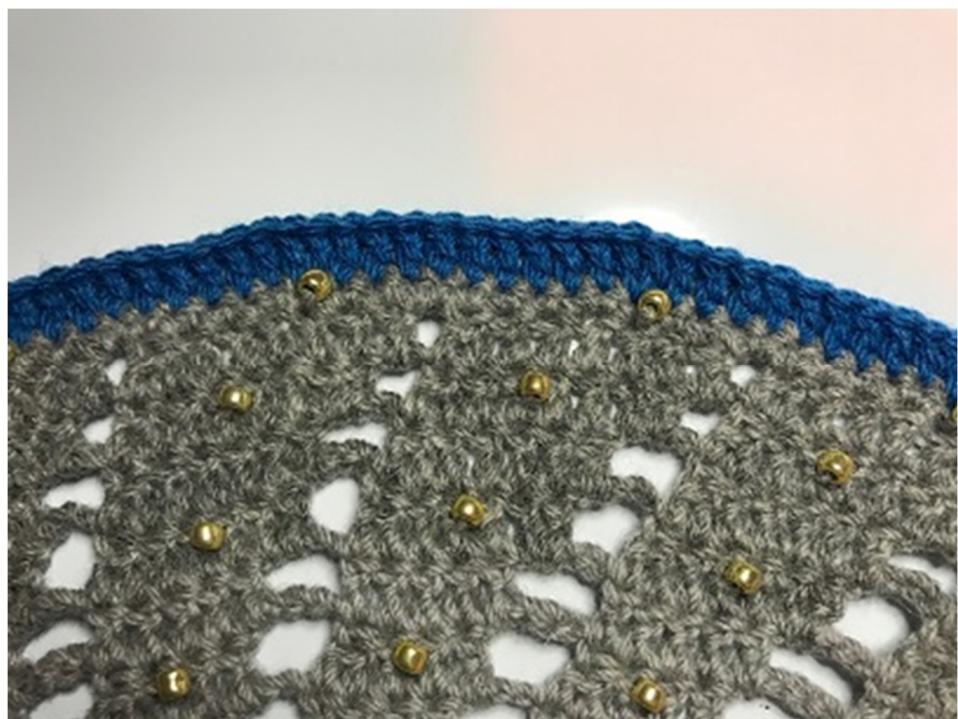
[ 24BSC and 216 SC ]



*Take color F for both versions, for the next Round there are no beads needed.*

**Ronde 23 (RS)** : Attach yarn in any bsc on the right side. CH3 ( first DC ), 1DC in same st, 1DC in next 9 sts, ( 2DC in next bsc, 1DC in next 9 sts ) 23 times. SS to third CH to connect. Fasten off.

[ 264 DC in total ]



Block your small "Messier" to obtain a a nice formed doily.

If you love to make the extended Rounds 24-50 you can buy the full pattern in my Ravelry or Etsy store. You can find all information regarding amounts of yarn and beads, stitch use and notes in this pattern already as it applies for both the free and paid version.

A big thanks to my tester :

Mom – [www.instagram.com/dutchsilence](https://www.instagram.com/dutchsilence)

Designed by : *the guy with the hook* – 2019

<https://theguywiththhook.wordpress.com>

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*Last but not least, thank you so much for making this pattern. A lot of effort, time and creativity are in this little piece of art and every single thing that comes out of it makes it all the work so worth it.*

*Mark a.k.a. the guy with the hook*