„Hexenknoten" by Micha Klein (Wolletraum)
(update 08.2014)

4-ply Sockyarn (100 grams = 420 meters), Needle 2,25 mm (when loosely knit, or 2.5 mm if knit tightly)
for German size 39. The length of the foot is adjustable. To change sizes, knit with smaller or larger needle.

Tip: Use a stitch marker at the beginning of the round.

Cuff: Chart 1a + Chart 1b
64 stitches / 16 stitches per Needle = Knit 10 rounds

Tip: With or without crochet-border on cuff, the first round all stitches knit or all stitches purl.

Chart 1a (Begin with Needle 4)

1-10	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	1-10
-	-					-	-					-	-								-	-					-	-						-	-

Needle 1 (16 stitches)   Needl 4 (16 stitches)

Chart 1b

1-10	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	1-10
-	-			-	-	-				-	-													-	-					-	-	-		-

Needle 3 (16 stitches)   Needl 2 (16 stitches)

Explanation of Symbols / Legend:

	knit
-	purl
▓	no stitch
4h \ 3v	Place 3 stitches on cable needle and let hang in front of work, knit next 4 stitches, knit 3 stitches from cable needle.
3v / 4h	Place 4 stitches on cable needle and let hang behind work, knit next 3 stitches, knit 4 stitches from cable needle.

Leg: Chart 2a + Chart 2b

Knit 2x Rounds 1-22, then 1x Rounds 1-18 = 62 Rounds

Chart 2a (Begin with Needle 4)

1-62	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1		16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	1-62
-																																	-	

Needle 1 (16 stitches)   Needl 4 (16 stitches)

Chart 2b

The chart is a grid of 22 rows (numbered 1–22 on both the left and right sides) divided into two sections by a gray column: **Needle 3 (16 stitches)** on the left and **Needl 2 (16 stitches)** on the right. Column numbers run 16 down to 1 for each needle.

Row	Needle 3 markings	Needle 2 markings
22	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
21	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
20	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
19	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
18	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
17	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
16	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
15	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
14	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
13	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
12	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
11	– (col 16), **3v / 4h** (cols 15–9), – (col 8), – (col 7)	– (col 10), – (col 9), **4h \ 3v** (cols 8–2), – (col 1)
10	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
9	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
8	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
7	– (col 16), **3v / 4h** (cols 15–9), – (col 8), – (col 7)	– (col 10), – (col 9), **4h \ 3v** (cols 8–2), – (col 1)
6	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
5	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
4	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
3	– (col 16), **3v / 4h** (cols 15–9), – (col 8), – (col 7)	– (col 10), – (col 9), **4h \ 3v** (cols 8–2), – (col 1)
2	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)
1	– (col 16), – (col 8), – (col 7)	– (col 10), – (col 9), – (col 1)

Needle 3 (16 stitches) **Needl 2 (16 stitches)**

Explanation of Symbols / Legend:

4h \ 3v	Place 3 stitches on cable needle and let hang in front of work, knit next 4 stitches, knit 3 stitches from cable needle.
3v / 4h	Place 4 stitches on cable needle and let hang behind work, knit next 3 stitches, knit 4 stitches from cable needle.

Little Heart-Heel: Chart 3 (you can also knit another heel)

Needle 4+1 = 32 stitches / Knit 28 Rounds

Chart 3 (Begin with Needle 4)

1-28	R				-	-				-	-				(no stitch)				-	-				-	-				R	1-28
		16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	

Needle 1 (16 stitches)   Needl 4 (16 stitches)

Explanation of Symbols / Legend:

	knit
-	purl
R	edge stitch = last stitch knit into back of the stitch / the first stitch slip
(grey)	no stitch

<u>Heel Turn:</u>
Right Side Row: Knit 17 sts,
                knit 2 together through back loop,
                knit 1,
                leave 12 unworked,
                turn

Wrong Side Row: 12 stitches remain on right needle,
                Slip 1,
                purl 3,
                purl 2 together,
                purl 1,
                12 stitches remain,
                turn.

The result is a small gap between the stitches when turning. Always k2tog or p2tog the stitches to the left and right of gap. After k2tog or p2tog, work 1 stitch (knit if on the right side, purl if on the wrong side).
Work the heel turn until 18 stitches remain.

Knit across and divide the 18 stitches, 9 stitches on Needle 4 and 9 stitches on Needle 1.

Needle 1= pick up 15 heel flap edge stitches. (24 stitches)
Work across Needle 2 and 3 (Chart 2b – begin round 19)
Needle 4= pick up 15 heel flap edge stitches. (24 stitches)

<u>Gusset:</u>

Needle 1= 9 stocking sts (knit stitches), 14 stiches knit through back loop, purl the back of the stitch
Needle 2= The pattern continues on Chart 2 – Round 20
Needle 3= The pattern continues on Chart 2 – Round 20
Needle 4= purl the back of the stitch, 14 stitches knit through back loop, 9 stocking sts (knit stitches)

Work one round even then start gusset.

Needle 1= 24 stitches
Needle 2+3 (instep) = per Needle 16 stitches = 32 stitches together
Needle 4= 24 stitches

Work the gusset decrease every other row until you have 64 stitches total.

Gusset Decrease:
Needle 1= knit to last 3 stitches, knit two together, knit 1
Needle 4= knit 1, knit two together through back loop, knit to end of needle.

Knit to desired foot length minus toe.

Toe:
It does not matter which style toe you knit.

Tip: I calculate the toe length (the number of rounds to complete the toe). So I always have the correct length of sock.

How to decrease stitches:
Needle 1/3= knit to last 3 stitches, knit two together, knit 1
Needle 2/4 = Knit 1, knit the second and third stitch together through the back loop.

64 stitches / 16 stitches per Needle / 23 Rounds for Toe
(decreases immedeately on each Needle)

1. decrease
1 x decrease 4. row
2 x decrease 3. row
3 x decrease 2. row
5 x decrease each row = 4 stitches per needle

Knit one round and at the same time decrease the middle 2 (by purl two together) of the 4 stitches on each side band of the toe = 14 stitches left
You will have 7 stitches on the instep and 7 stitches on sole. Kitchener stitch the instep stitches to the sole stitches.

Picot-Crochet border on cuffs (crochet Needle 2 – 2.5 mm)

Picot crochet = single chrochet stitch,
                 * 3 chain stitch (working into chain spaces),
                 slip stitch,
 1 stitch pass by (the cuff should be elastic)
 crochet a single crochet stitch into the second stitch *
 at * repeat

This pattern is free. The pattern and products made from pattern are not for commercial use. Please respect my copyright by not using the pattern or resulting products for profit or commercial gain.
The pattern has been tested, however, if you find any mistakes please feel free to contact me.
Have fun knitting!

Micha