

Baby Collection

Zwergenverpackung Baby Collection

Zwerg means "elf" in German and is an affectionate term you would call a little child. *Verpackung* means "packaging." The *Zwergenverpackung* is a package of basic sewing patterns to make a complete wardrobe of mix-and-match baby and toddler pieces to bundle up your bundle of joy.

Except for the shirt, which fits more snugly to the body, every piece in this wardrobe grows many seasons with the child. Sleeves and pant cuffs can be rolled up or fitted with elastic. Straps are adjustable. The pieces are designed to be worn in any season depending on the materials you use. Presents are quickly sewn from leftover fabric scraps, or even from the recycled, repurposed materials from cast-off clothing.

One picture is worth a thousand seam-ripped stitches! Comprehensive photo-illustrated instructions are available online at www.studiotantum.com/shop.

Before beginning, please take careful measurements, including widths and lengths.

Material Requirements and Sizes

The measurements in the table correspond to the finished garment. Remember, it is best to choose a size according to the child's measurements and not his age.

Fabric Requirements/Size		50/56	Up to 3 months	62/68	Up to 6 months	74/80	12 to 18 months
Dress	Chest Circumference	42 cm	16 ½ in.	49 cm	19 ¼ in.	56 cm	22 in.
	Front Length	29 cm	11 ½ in.	35 cm	13 ¾ in.	41 cm	16 ¼ in.
	Fabric (140 cm/54 in.)	30 cm	1/3 yrd.	35 cm	3/8 yrd.	40 cm	½ yrd.
	Notions	2 buttons or snaps					
Shirt	Chest Circumference	42 cm	16 ½ in.	48 cm	19 in.	56 cm	22 in.
	Shoulder width	3.3 cm	1 3/8 in.	4.5 cm	1 ¾ in.	5.7 cm	2 3/8 in.
	Front length	27 cm	10 ¾ in.	30 cm	11 ¾ in.	33 cm	13 in.
	Arm length	20.5 cm	8 ¼ in.	21.5 cm	8 1/8 in.	22.5 cm	9 in.
	Fabric (140 cm/54 in.)	40 cm	½ yrd.	40 cm	½ yrd.	45 cm	½ yrd.
Jacket	Chest circumference	51 cm	20 ¼ in.	58 cm	23 in.	65 cm	25 5/8 in.
	Shoulder width	4.2 cm	1 ¾ in.	5.4 cm	2 ¼ in.	6.6 cm	2 ¾ in.
	Front length	27.5 cm	10 7/8 in.	30.5 cm	12 in.	33.5 cm	13 ¼ in.
	Arm length	23.5 cm	9 ¼ in.	24.5 cm	9 3/8 in.	25.5 cm	10 ¼ in.
	Fabric - outer (140 cm/54")	55 cm	5/8 yrd.	60 cm	¾ yrd.	65 cm	¾ yrd.
	Fabric - lining (140 cm/54")	55 cm	5/8 yrd.	60 cm	¾ yrd.	65 cm	¾ yrd.
Notions	4 buttons or snaps						
Hoodie	Chest circumference	47.5 cm	18 ½ in.	54.5 cm	21 ½ in.	61.5 cm	24 ¼ in.
	Shoulder width	4.0 cm	1 ½ in.	5.1 cm	2 in.	6.2 cm	2 ½ in.
	Front length	27 cm	10 ¾ in.	30 cm	11 7/8 in.	33 cm	13 in.
	Ärm length	19.5 cm	7 ¾ in.	22 cm	8 ¾ in.	23.5 cm	9 ¼ in.

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	Fabric (140 cm/54")	55 cm	5/8 yrd.	60 cm	¾ yrd.	65 cm	¾ yrd.
Comfy Pants	Waistband	58 cm	22 7/8 in.	65 cm	25 5/8 in.	72 cm	28 3/8 in.
	Hip circumference	58 cm	23 in.	65 cm	25 5/8 in.	72 cm	28 3/8 in.
	Outseam (+waistband)	27.5 cm	10 7/8 in.	35.5 cm	14 in.	43.5 cm	17 ¼ in.
	Fabric (140 cm/54 in.)	40 cm	15 7/8 in.	50 cm	19 ¾ in.	55 cm	21 ¾ in.
	Elastic	37 cm	14 ¾ in.	44 cm	17 3/8 in.	51 cm	20 1/8 in.
Trousers	Waist circumference	48 cm	19 in.	55 cm	21 ¾ in.	62 cm	24 ½ in.
	Hip circumference	48 cm	19 in.	55 cm	21 ¾ in.	62 cm	24 ½ in.
	Outseam	28 cm	11 1/8 in.	36 cm	14 ¼ in.	44 cm	17 3/8 in.
	Fabric (140 cm/54 in.)	40 cm	½ yrd.	50 cm	5/8 yrd.	55 cm	5/8 yrd.
	Elastic for waistband	37 cm	3/8 yrd.	44 cm	½ yrd.	51 cm	5/8 yrd.

Cutting the Layout

Cut the pieces according to the piece list and add an additional seam allowance. The pieces drafted on the sheet do not include a seam allowance. Cut the pieces with respect to the grain. Transfer any marks from the pattern sheet to the cut pieces.

Piece List

Pinafore Dress/Tunic

- 1 - Front/back piece bodice cut 2
- 2 - Front/back piece lower cut 2 on fold
- 3 - Straps cut 2

Fabric requirements/Size	50/56	Up to 3 months	62/68	Up to 6 months	74/80	12 to 18 months
Bias tape (extra wide, double fold)	2 x 68 cm	2x. 27 in.	2 x 70 cm	2 x 27 ½ in.	2 x 72 cm	2 x 28 ½ in.

Shirt

- 4 - Front piece cut 1 on fold
- 5 - Back piece cut 1 on fold
- 6 - Arm cut 2 on fold

Fabric requirements/Size	50/56	Up to 3 months	62/68	Up to 6 months	74/80	12 to 18 months
Neckline strip front	6 x 26 cm	2 ½ x 10 ¼ in	6 x 28 cm	2 ½ x 11 in.	6 x 32 cm	2 ½ x 12 ¾ in.
Neckline strip back	6 x 21.2 cm	2 ½ x 8 3/8 in	6 x 24 cm	2 ½ x 9 ½ in.	6 x 27.6 cm	2 ½ x 10 7/8 in.

Jacket

- 7 - Front piece cut 2 on fold
- 8 - Back piece cut 1 on fold
- 9 - Arm cut 2 on fold
- 10 - Pocket cut 2
- 11 - Hood cut 2

Hoodie

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12 - Front piece	cut 1 on fold
13 - Back piece	cut 1 on fold
14 - Arm	cut 2 on fold
15 - Pocket	cut 2 on fold
11 - Hood (optional)	cut 2

Fabric requirements/Size	50/56	Up to 3 months	62/68	Up to 6 months	74/80	12 to 18 months
Neckband	4 x 31 cm	2 x 12 ¼ in.	4 x 32 cm	2 x 12 ¾ in.	4 x 33 cm	2 x 13 in.

Trousers

16 - Pant leg front	cut 2
17 - Pant leg back	cut 2
18 - Cuff piece	cut 2
19 - Knee patch oval	cut 2
(20 - Knee patch heart	cut 2)

Cuddly Trousers

21 - Trousers piece	cut 2
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Dress Tunic

This dress is quickly made, can be embellished in so many ways and be worn for several seasons over leggings or trousers. The tied straps look precious on an infant, but the buttoned straps may be a better choice for active crawlers.

Version with shoulder ties

Cutting the layout

Cut the required pieces. You may leave off the additional seam allowance at the armhole of the upper and lower pieces. Cut bias tape for the tied strap (for best flexibility, cut on a true 45° bias to the grain). You may also use store-bought, pre-prepared extra-wide double-fold bias tape.

Sewing the dress

1. Finish all piece edges.
2. Gather the upper edge of the front and back lower dress pieces.
3. Press the upper seam allowance of the bodice inside, fold the bodice piece to the right fabric side and pin to the lower dress piece. Topstitch. Fold the bodice piece to the right side of the dress piece and topstitch.
4. Stitch the front and back dress pieces along the side seams.
5. Stitch the bias tape along the armhole. Be certain to leave enough bias tape over the armhole for tying. Unfold the bias tape and place the edge to the edge of the armhole, right sides together, and stitch to the dress along the fold. While stitching along the curve, gently pull the bias tape for a smooth turn. Fold the bias tape over the stitching line and over the edge of the dress. Stitch the bias tape in place from the right side. Tuck the very ends of the bias tape toward the wrong side (or tie knots into the tie ends at the very end) Consider using a zig zag stitch or blanket stitch to facilitate catching the other half of the bias tape on the garment wrong side. Stitch the two halves of the bias tape together, continue stitching over the armhole and up the other half of the bias tape tie.
6. Hem the dress.

Version with straps

Cutting the layout

Cut the required pieces. You may leave off the additional seam allowance at the armhole of the upper and lower pieces. Cut pieces of bias tape approximately 12 to 14 cm (4 ½ to 5 ½ inches), depending on the dress size (for best flexibility, cut on a true 45° bias to the grain). You may also use store-bought, pre-prepared extra-wide double-fold bias tape.

Sewing the dress

1. Finish all piece edges.
2. Press the seam allowances of the shoulder strap pieces toward the wrong side. Fold the shoulder strap pieces in half and press. Edgestitch completely around the shoulder straps.
3. Stitch the side seams of the lower dress pieces right sides together.
4. Stitch the bias tape along the armhole of the lower dress. In this version of the dress, the bias tape is added to only under the arm on the lower dress piece. Unfold the bias tape and place the edge to the edge of the armhole, right sides together, and stitch to the dress along the fold. While stitching along the curve, gently pull the bias tape for a smooth turn. Fold the bias tape over the stitching line and over the edge of the dress. Stitch the bias tape in place from the right side. Consider using a zig zag stitch or blanket stitch to facilitate catching the other half of the bias tape on the garment wrong side.

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5. Gather the top edge of the lower front and back pieces.
6. Stitch the right bodice side to the skirt piece wrong side. Press the seam allowance of the bodice
7. upwards. Press the seam allowances of the bodice sides toward the wrong side and edgestitch. Stop these stitching lines right before the bias tape. Trim the seam allowance and trim the corners at 45° angles.
8. Fold the bodice toward the right side and topstitch the seam from the right side.
9. Attach the straps to the bodice at the seam allowance.
10. Stitch the buttonholes and securely attach the buttons or snaps, so that baby will not be able to pull them off.
11. Hem the dress.

Shirt

The Shirt is a basic piece with long sleeves, which can also be shortened to any length. The boat neckline can be easily pulled over the head and has a loose, comfortable fit. It looks especially cute if made of a colorful mix of remnants. A few handy shirts can be made in no time. The shirt needs to be made of stretch knit fabrics. Sew the shirt using a stretch stitch, such as a zig zag three-step zig zag, or a four-thread overedge stitch.

Cutting the layout

Cut all pieces according to the list, adding a seam allowance. Transfer the shoulder markings onto the fabric.

1. For smaller sizes, hem the sleeve cuffs.
2. Stitch the collar strip to the neckline along the neckline, slightly stretching the strip as you go for a nice fit.
3. Trim any overlapping collar material. Press the collar strip over the top edge and over toward the wrong side. Stitch the neckband strip in place with a stretch stitch.
4. Pin the shoulder pieces such that the shoulder markings meet and secure with a few baste stitches.
5. Stitch the sleeves to the armscye, right sides together.
6. Close the sleeve and side seam in one continuous movement.
7. Hem the sleeve cuffs, if not done in an earlier step.
8. Hem the shirt bottom.

Jacket

The jacket is generously cut and, since the sleeves can be rolled up, will fit for a long time. A reversible jacket is both handy and quite eye-catching, but simple fleece jackets are quick to sew and also very practical.

Reversible jacket version

Cutting the layout

Pre-wash all fabrics to prevent uneven shrinkage of the finished jacket. Lay the pattern pieces on your fabric with respect to the grain. Cut all pieces of inner and outer fabric and include an additional seam allowance. For the reversible jacket, be sure to switch the front pieces for the reversed fabric, so that they match up correctly with the outer pieces.

Sewing the jacket

1. The drafted fold lines for making the button band on the pattern serve as the front edges of the reversible jacket. Cut along the front vertical fold lines, adding an additional seam allowance. Apply a thin, flexible fusible interfacing along the button band to strengthen and stabilize the button stress points as necessary.
2. Stitch the shoulder seams of the outer jacket, right fabric sides together. Finish the seam, press the seam allowance toward the front and topstitch from the right side.
3. With right sides together, stitch the sleeves to the armscye.
4. Pin the hood pieces right sides together and stitch along the crown seam. As a cute embellishment, you may want to add a small loop of ribbon at the point of the hood in the crown seam. If desired, you may add a strip of knit ribbing to the front edge of the hood. Cut the strip of knit material approximately three-fourths the length of the front edge of the hood. While you stitch, gently stretch the knit material, pulling slightly, so it fits the length of the hood front edge.
5. Stitch the hood to the jacket around the neckline, fabric right sides together.
6. With right sides together, pin outer and inner fabric of the pockets and stitch the upper edge, as well as one side edge. Grade or trim the seam allowance, turn the pocket right side out and press, topstitch the upper edge twice and pin to the front pieces of the jacket. In the process, the side and lower edge of the pockets lay flush with the corresponding edges of the front pieces.
7. Stitch along the bottom and side pocket seam allowances.
8. Stitch sleeve and side seam in one continuous motion. Repeat for the opposite side.
9. Complete the inner jacket the same way you made the outer jacket.
10. Pin both jackets right sides together and stitch all around the front, hood and bottom hem, leaving an approximate 10 cm (4in.) opening at one front edge for turning.
11. Trim or grade the seam allowance and trim the corners at 45 degree angles for a smooth turn.
12. Turn the jacket and pull the sleeves into one another.
13. Fold the seam allowances of the sleeves inside against each other, pin and topstitch the sleeve cuffs.
14. Edge stitch all around the jacket bottom, front edge and hood.

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15. Topstitch the lower edge in a distance of approximately 1 cm (3/8 in.) from the first stitching line. Topstitch a line approx. 2 1/2 cm (1 in.) from the edgestitched line along the jacket front to define the button band.
16. Stitch the buttonholes and securely sew on the buttons or, if desired, snaps. Make sure the buttons or snaps are attached securely and cannot be pulled off by a curious baby.

Simple fleece jacket

Cutting the layout

Cut all pieces according to the piece list with respect to the grain and including an additional seam allowance. In this version, include the button band fold and the fold on the pockets.

Sewing the simple fleece jacket

1. Apply a thin, flexible fusible interfacing to the button band to strengthen and stabilize the button stress points as necessary.
2. Finish the upper edge of the pocket, fold outside and stitch the narrow sides.
3. Trim the seam allowance and grade the edges.
4. Turn the upper edge of the pocket to the right fabric side. Tuck the side edge under and pin the pocket according to the marking on the front piece. In doing so, the side and lower edge of the pocket will lay flush with the respective edges of the front piece. Topstitch the pocket. Secure the pocket to the seam allowance.
5. With right sides together, stitch the hood pieces together along the crown. As a cute embellishment, you may want to add a small loop of ribbon to the point of the crown seam. If desired, you may add a strip of knit ribbing to the front edge of the hood. Cut the strip of knit material approximately three-fourths the length of the front edge of the hood. While you stitch, gently stretch the knit material, pulling slightly, so it fits the length of the hood front edge.
6. Close the shoulder seams. Attach the sleeves at the armscye. Close the sleeve and side seams in one continuous motion.
7. Stitch the hood pieces together along the crown right sides together. Stitch the hood to the neckline.
8. Fold the front button facing toward the right side (the outside) and tack at the lower edge.
9. Trim the corners at 45 degrees and fold the facings toward the wrong side.
10. Edge stitch the jacket all around the hem and hood. Topstitch along the button facings approximately 2 1/2 cm (1 inch) from the edge to define the button band. Hem the sleeves.
11. Work the buttonholes and securely attach the buttons or attach snaps, if desired. Make sure the buttons or snaps are very securely attached, so they cannot be pulled off by a curious baby.

Pullover

The sweatshirt can either be made as a cool little hoodie with a kangaroo pocket. Or leave off the hood and sew a plain neckband. Add a ruffle for a sweet touch. The pullover needs to be sewn from stretch fabrics, such as fleece, knit velour, sweatshirt material or thicker jersey. It has a comfortable fit and can be layered and worn instead of a jacket.

Cutting the layout

Cut all pieces of stretch fabric adding an additional seam allowance. If desired, the pocket can be made of a woven, non-stretch fabric. The front can be divided with horizontal seams for color blocking or extra detail (please use the optional dividing seam lines).

Sewing the pullover

Use a stretch stitch for all seams, for example a zig zag stitch, three-step zig zag stitch or a four-thread overedge stitch.

1. Pin the pocket pieces right sides together and stitch all around on the seam allowance, leaving a small opening for turning. Trim or grade the seam allowance.
2. For the smaller sizes, it may work better to hem the sleeves while the pieces are flat at this time.
3. If you want to include the horizontal piecing and horizontal seam, pin the upper front piece to the lower front piece right sides together and stitch the horizontal seam. At this point, you also may insert a ruffle or trim along this seam.
4. Close both shoulder seams, right sides together.
5. With right sides together, pin and stitch the hood to the neckline. Alternatively, you can also attach a plain neckband. Depending on whether you want to have a neckband or a hood, please follow the instructions below.
6. Stitch the sleeves to the armscye.
7. Close the sleeve and side seam in one continuous motion.
8. If not done in an earlier step, hem the sleeves. Hem the bottom edge.
9. Turn the pocket, topstitch the opening, and attach to the pullover.

Sweatshirt with a knit collar band: Cut a strip of ribbing or knit material across the grain approximately 4-6 cm or 2-2 1/2 inches wide and slightly shorter than the circumference of the neck opening (see above). Stitch the short ends of the strip together right sides together to form a ring. Fold the ring of material in half lengthwise and press. Pin the neckband in four places equidistant around the neck opening. Stitch the neckband to the neck opening. If using a overlock machine, remove the pins before they reach the trimming knife. Gently pull the neckband while stitching so that the neckband will lay nicely. Press the neckband down and topstitch the seam with a stretch stitch, for example, a three-step zig zag.

Hood: Stitch the hood right sides together along the crown and hem the front edge. You may also want to include some small bits of ribbon ribbons in the seam to dangle from the point for embellishment. Fold the front face seam allowance

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toward the wrong side and press. Topstitch the hood facing hem. Overlap the bottom corners of the hood approximately 2 cm (3/4 inch) and baste stitch. Pin the neck edge of the hood in four places equidistant around the neck opening. Stitch the hood to the neck opening. If using a overlock machine, remove the pins before they reach the trimming knife. Gently pull the hood or shirt while stitching if necessary. Press the neckband down and topstitch the seam with a stretch stitch, for example, a three-step zig zag.

Trousers (with optional suspenders)

The trouser design is a very basic design that can be made in many variations. The trousers are cut somewhat full, a comfortable and adorable look on crawling babies. The pants are also cut nice and high around the tummy for comfort and security while playing, scooting and crawling. The trousers can be made a bit larger than you need right now and rolled at the cuffs for your little one to grow into.

Elastic suspenders are handy and adorable, especially on little boys.

The cuffs of the pants can either be left as is, or you may include a bit of elastic or knitted ribbing material for a nice fit around the ankle.

You may sew the trousers from many different kinds of fabrics, including wovens and stretch materials. Percales, twills, corduroys and light-to-medium weight denims are all good choices. Consider using natural materials, such as cotton or linen, for comfort and ease in laundering. Using bits of wool felt or leather for the knee patches is an excellent choice for crawlers.

Cutting the layout

Cut all pieces according to the piece list and add an additional seam allowance. If desired make suspenders from a woven fabric or use suspender or belt elastic to make suspenders.

Sewing the trousers

1. Appliqué the knee patches with tight zig zag stitches to the knees.
2. Pin a trouser back piece to a front piece. Stitch the pant leg outseam, press the seam allowance toward the front and topstitch. Repeat for the other pant leg.
3. Stitch the inseam for both pant legs.
4. Cut a strip of ribbing or knit material across the grain approximately 10 cm (4 inches) wide and slightly shorter than the circumference of the pant leg opening. Stitch the short ends of the strip together, right sides together to form a ring. Fold the ring of material in half lengthwise and press. Pin the cuff in four places equidistant around the pant leg opening. Stitch the cuff to the pantleg. If using a overlock machine, remove the pins before they reach the trimming knife. Gently pull the cuff while stitching for a nice fit.
5. Alternatively, you may press the seam allowance upward and stitch around the pant cuff approximately 1/2 to 3/4 inch from the edge to form a channel. Leave a small opening and insert elastic into the casing. Cinch the elastic to the desired fit. Secure the two ends of the elastic to each other and tuck the elastic into the opening. Close the opening.
6. Turn one pantleg right side out and place it into the pantleg turned inside out. Align the crotch and stitch the crotch seam.
7. Turn the upper waist edge of the trousers toward the inside of the trousers, press and pin.
8. Edgestitch along the top folded edge. Stitch another line approximately 1/2 inch below this line. Leave a small gap in the stitching line for inserting elastic. Stitch another line another 1/2 inch below the line just stitched and leave an opening directly below the opening in the above stitching line. Insert elastic into the resulting casings and cinch to the desired fit. Secure the ends of the pieces of the elastic to each other and tuck them into the openings. Stitch the openings closed.
9. On a pair of girl's trousers, it looks cute to insert elastic into only the bottom casing, leaving a sweet ruffle around waistband.
10. Measure the length for the suspenders. As desired, stitch the suspenders to the back of the trousers. If you chose to do so, make the stitch length somewhat longer, so that the suspenders can be easily removed later.

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Snuggly reversible comfy pants

These snuggly, reversible lounging pants are quick to sew and always a different look. Whether soft velour, jersey, knit terry or fleece, the trousers should be made of stretch fabric. Make a pair of perfectly practical reversible trousers or sew up a simple single-layer trouser. Together with the shirt, the snuggly pants make comfy pajama bottoms.

Please make sure to pre-wash both fabrics to prevent uneven shrinkage once sewn together. Use a stretch stitch or the over-lock machine for all seams.

1. Cut the pattern piece twice for each the inner and outer fabric, adding a seam allowance.
2. Lay one each inner and outer piece right sides together. Stitch inner and outer trouser pieces together at the leg cuffs. Unfold your work. Now fold this piece lengthwise right sides together and close the inner leg seam of both the outer and lining pantleg in one continuous motion. Repeat with the other leg pieces.
3. First, pin the outer trouser right sides together and stitch the crotch seam. Then repeat this with the lining trousers.
4. Insert one trouser into the other, fold the waist seam allowances inside such that they connect and pin.
5. Topstitch with a stretch stitch, for example, a small zig zag stitch, along the top edge, leaving a small opening at the back middle for inserting the elastic. Stitch a second line in a distance of approx. 1.5 cm (5/8 in.) to the first line to form a casing.
6. Insert elastic into the casing and close the opening.

Simple comfy pants

Cutting the layout

Cut the pieces with respect to the grain. Be sure to add an additional seam allowance.

Sewing the trousers

Use a stretch stitch for all seams.

1. Press the cuff allowance toward the wrong side and stitch.
2. Fold the pant leg piece lengthwise and stitch the inseam.
3. Turn one pant leg right side out. Place the pant leg turned right side out inside the pant leg turned inside out. Align the crotch seam and stitch.
4. Turn the waistband edge toward the wrong side and press. Stitch a casing for the elastic waistband. Leave a small opening for inserting the elastic.
5. Insert the elastic and cinch to the desired fit. Stitch the ends of the elastic together and tuck into the opening. Close the opening with a few stitches.

Much joy and success in your sewing projects!