

SINGER®
QuantumLock®
14T957DC



Workbook

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Supply List

5 spools of overlock cone thread

Triple Cover Hem

- (3) spools of buttonhole twist
- (1) 5X5 inch piece of home decorator fabric
- (1) 5X5 inch piece of leather, vinyl or canvas
- (2) 3X5 inch pieces of stretch fabric

Double Cover Hem

- (1) 5X5 inch piece of woven fabric
- (1) 4X6 inch piece of sheer fabric
- (1) 10 inch piece of 1/4" wide ribbon

Five-Thread Safety Stitch

- (2) 3X5 inch pieces of chenille or terry cloth

Four-Thread Ultra-Stretch Mock Safety Stitch

- (2) 3X5 inch pieces of stretch fabric
- (1) 5X5 inch piece of fleece
- (1) 2X5 inch piece of ribbing
- (1) 3X5 inch piece of cotton
- (1) 3X10 inch piece of cotton
- (1) 10 inch piece of twill tape 1/4 wide
- (2) 3X5 inch pieces of sweater knit
- (1) 10 inch piece of cording
- (2) 3X5 inch pieces of home decorator fabric
- (1) 10 inch piece of elastic 1/4 wide
- (1) 3X5 inch piece of tricot or lingerie type fabric

Three-Thread Overlock (Wide)

- (2) 3X5 inch pieces of woven or linen fabric
- (1) spool of texturized nylon
- (1) 5X5 inch piece of denim, felt or woven fabric
- (1) 4X5 inch piece of very loosely-woven wool
- (1) 5X5 inch piece of denim, felt or woven fabric
- (1) decorative thread which will fit through the needle's eye
- (1) 10 inch piece of ribbon, 1/4 wide
- (1) 5x5 inch piece of denim, felt or woven fabric
- (1) 10 inch piece of yarn

Supply List

(part II)

Three-Thread Overlock (Wide) *continued*

- (1) 5X5 inch piece of denim, felt or woven fabric

Three-Thread Overlock (Narrow)

- (1) 10 inch strand of pearls
- (1) 3X6 inch piece of sheer fabric
- (1) 5X5 inch piece of woven or linen fabric
- (1) spool of monofilament thread

Three-Thread Rolled Hem

- (1) 3X5 piece eyelet or batiste
- (1) spool of texturized nylon
- (1) 10 inch piece of fish line
- (1) 3X10 piece of cotton fabric
- (1) 5X10 piece of batiste

Two-Thread Rolled Hem

- (2) 5 inch long pieces of 1 inch wide lace
- (2) 3X3 inch pieces of batiste
- (1) 3X10 inch piece of chiffon
- (2) spools of monofilament thread

Three-Thread Ultra Stretch Stitch

- (1) 3X5 inch piece of spandex

Four-Thread Safety Stitch

- (2) 3X5 pieces of canvas

Chainstitch

- (2) spools of decorative thread
- (2) 5X5 inch pieces of cotton
- (1) 5X5 inch piece of batting
- (1) 5X5 inch piece of cardboard

Triple Cover Hem

This innovative stitch provides a very wide **5.6 mm professional and creative triple topstitch** to sewing projects. This is ideal for heavier fabrics traditionally used in home decorating. It also adds a unique accent for garment construction. The Singer Quantumlock CoverHem 14T957DC sews 1300 stitches per minute, enabling the decorative Triple Cover Hem stitch to be applied to projects quickly and easily.

Example: Triple topstitching hem and edge finishing on drapes.

Directions: Place topstitching thread in the right, middle and left cover stitch needles. Place regular overlock thread in the chainstitch looper. Press a 1 inch hem into a woven home decorator fabric. Sew using the seam guides to ensure a straight hem. The thread tension releases when the presser foot is raised.

Needle set up:



Left Cover Stitch Needle (Orange)	6.0
Middle Cover Stitch Needle (Blue)	7.0
Right Cover Stitch Needle (Green)	7.5
Upper Looper (Green)	Non-Working Position
Lower Looper (Red)	Not Threaded
Chain Stitch Looper (Brown)	4.0
Upper Knife	Non-Working Position
Seam Guide Plate	Installed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	R

Triple Cover Hem

The Triple Cover Hem makes a stunning and pronounced finish on Home Decorating projects using fabrics such as leather, vinyl or canvas.

Example: Triple topstitching hem and an edge finish on a vinyl table cloth.

Directions: Place topstitching thread in the right, middle and left cover stitch needles. Place regular overlock thread in the chainstitch looper. Move stitch length to 4 and the foot pressure adjusting dial to 1. Press 1 inch hem on fabric and sew using the seam guides to ensure a straight triple line of stitching.

Needle set up:



Left Cover Stitch Needle (Orange)	6.0
Middle Cover Stitch Needle (Blue)	7.0
Right Cover Stitch Needle (Green)	7.5
Upper Looper (Green)	Non-Working Position
Lower Looper (Red)	Not Threaded
Chain Stitch Looper (Brown)	4.0
Upper Knife	Non-Working Position
Seam Guide Plate	Installed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	1
Stitch Length Dial	4
Stitch Finger	R

Triple Cover Hem

In addition to sewing on woven fabrics, the Triple Cover Hem makes a beautiful topstitch and a strong hem on stretch fabrics. This stitch emulates hem finishing as seen on ready-to-wear garments.

Example: Triple topstitching hem and an edge finish on a knit dress.

Directions: Place regular overlock thread in the right, middle and left cover stitch needles, as well as the chainstitch looper. Move stitch length to "N" and the foot pressure adjusting dial to "N." Press 1 inch hem into the knit fabric. Sew using the seam guides to ensure a straight triple line of stitching.

Needle set up:



Left Cover Stitch Needle (Orange)	6.0
Middle Cover Stitch Needle (Blue)	7.0
Right Cover Stitch Needle (Green)	7.5
Upper Looper (Green)	Non-Working Position
Lower Looper (Red)	Not Threaded
Chain Stitch Looper (Brown)	4.0
Upper Knife	Non-Working Position
Seam Guide Plate	Installed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	R


Double Cover Hem

This professional Cover Hem stitch is a necessary requirement for today’s sewing. This stitch is often seen in ready-to-wear garments. With easy access to the needle, it is simple to remove the center needle and convert the stitch into a Double Cover Hem.

Example: Double topstitching hem and edge finish on a jacket.


Directions: Using the extra long small Allen screwdriver from the accessory kit, remove the middle cover stitch needle and clip thread. Press a 1 inch hem into a woven fabric. Sew using the seam guides to ensure a straight hem.

Needle Set up:



Left Cover Stitch Needle (Orange)	6.0
Middle Cover Stitch Needle (Blue)	Not Threaded
Right Cover Stitch Needle (Green)	7.5
Upper Looper (Green)	Non-Working Position
Lower Looper (Red)	Not Threaded
Chain Stitch Looper (Brown)	4.0
Upper Knife	Non-Working Position
Seam Guide Plate	Installed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	R

The EXTRA LONG



Allen screwdriver makes needle change easy

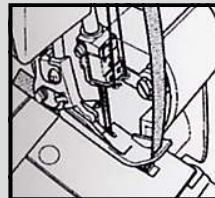
Double Cover Hem for Attaching Ribbon or Trim

The Double Cover Hem can be used to add a decorative accent to many types of projects. By inserting ribbon or trim through the presser foot opening, the Cover Hem can attach the trim to the fabric with either a 2.8 or 5.6mm wide stitch.

Example: Adding a ribbon and an edge finish hem to a sheer dress.

Directions: Place ribbon through the opening in the foot and pull excess to the back under the foot. Press a 1 inch hem into the fabric. Sew the ribbon onto the fabric, using the seam guides to ensure straight sewing.

Needle Set up:



Right Cover Stitch Needle (Orange)	6.0
Middle Cover Stitch Needle (Blue)	Not Threaded
Left Cover Stitch Needle (Green)	7.5
Upper Looper (Green)	Non-Working Position
Lower Looper (Red)	Not Threaded
Chain Stitch Looper (Brown)	4.0
Upper Knife	Non-Working Position
Seam Guide Plate	Installed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	R

Five-Thread Safety Stitch

This stitch is a combination of a two-thread chainstitch and a three-thread overlock stitch. It is suitable for woven fabrics and provides a durable seam for heavy weight fabrics such as denim and terrycloth.

Using this strong safety stitch eliminates the need to reinforce the seam with a conventional sewing machine straight stitch. The foot pressure adjusting dial makes it simple to sew on all weights of fabrics.

Example: The side seams and edge finish on a chenille bath robe.

Directions: Remove the right and left cover stitch needles, and insert the middle cover stitch needle. Place a needle in the back overedge right position and engage the upper looper. Use the one-step lower looper and chain looper threader to thread. Remove the seam guide plate and replace with the overedge guide plate. Engage the knife. Set the foot pressure adjusting dial to setting 5. Sew two pieces of chenille, right sides together to form a seam.

Needle set up:



Middle Cover Stitch Needle (Orange)	4.0
Back Overedge Right Needle (Blue)	4.5
Right Cover Stitch Needle (Green)	
Upper Looper (Green)	3.5
Lower Looper (Red)	3.5
Chain Stitch Looper (Brown)	7.5
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	5
Stitch Length Dial	N
Stitch Finger	N

Four-Thread Ultra-Stretch Mock Safety Stitch

This stitch is a favorite when sewing a knit fabric because the stitch stretches as the fabric stretches. This allows for neat and professional finishes that will not “pop” when the fabric is stretched.

Example: The side seams and edge finishes of garments such as stretch twill pants.

Directions: Remove the middle cover stitch needle, and insert back overedge left needle. Clip and remove chain looper thread. Set foot pressure adjusting dial to N. Sew two pieces of knit fabric, right sides together.

Needle set up:



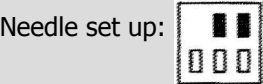
Back Overedge Left Needle (Orange)	4.0
Back Overedge Right Needle (Blue)	4.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.0
Lower Looper (Red)	4.0
Chain Stitch Looper (Brown)	unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N

Four-Thread Ultra-Stretch Mock Safety Stitch

This stitch works well when applying ribbing to a garment. Ribbing is often seen on cuffs, collars and waistbands of active wear. Because the stitch stretches with the fabric, the seam will not break when the fabric is stretched.

Example: The seam and edge finish for joining ribbing to fleece on a baby’s bunting jacket.

Directions: Set for the Four-Thread Ultra-Stretch Mock Safety Stitch. Place ribbing on top of fleece and sew. While sewing, stretch the ribbing as needed.



Back Overedge Left Needle (Orange)	4.0
Back Overedge Right Needle (Blue)	4.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.0
Lower Looper (Red)	4.0
Chain Stitch Looper (Brown)	unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N

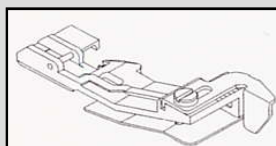
Four-Thread Ultra-Stretch Mock Safety Stitch and the Differential Feed to Create Gathers

Differential Feed is great for easing or shirring of sleeves, yokes and skirt hems. It is also useful for keeping stretch fabrics and bias cut fabrics from becoming "stretched out". The optional Shirring Foot and the differential feed work together to create gathers, which attach to a flat piece of fabric all in ONE STEP. This timesaving technique allows quick gathers to be added to garments, home decorating and crafts.

Example: The ruffle on a bed skirt or the ruffle on a little girl's dress.

Directions: Set for the Four-Thread Ultra-Stretch Mock Safety Stitch. Set differential feed dial to 0.6, and replace standard foot with Shirring Foot. Join two pieces of cotton fabric, one piece 5 inches long and the other 10 inches long. Place the 5 inch piece into the foot. Place the 10 inch piece under the foot. Sew, allowing the bottom fabric to "feed" faster than the top fabric.

Needle set up:



Back Overedge Left Needle(Orange)	4.0
Back Overedge Right Needle (Blue)	4.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.0
Lower Looper (Red)	4.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	2.0
Presser Foot Pressure	N
Stitch Length Dial	4
Stitch Finger	N

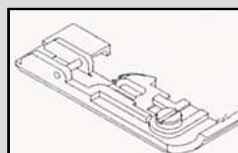
Four-Thread Ultra-Stretch Mock Safety Stitch and the Taping Foot

The optional Taping Foot is designed to add reinforcement to stress areas of knit or loosely-woven garments by inserting a stabilizing twill tape to the seams. The tape prevents the seam from "stretching out" or losing its shape. The foot keeps the tape in place, making it easy to sew straight.

Example: The shoulder seam in a sweater knit top.

Directions: Set for the Four-Thread Ultra-Stretch Mock Safety Stitch. Replace standard foot with the Taping Foot. Place twill tape under the foot guide and adjust the foot's screw to the widest position. Place two pieces of knit fabric under the foot and sew. The twill tape will be applied as the seam is sewn.

Needle set up:



Back Overedge Left Needle (Orange)	4.0
Back Overedge Right Needle (Blue)	4.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.0
Lower Looper (Red)	4.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N

Four-Thread Ultra-Stretch Mock Safety Stitch and the Cording/Piping Foot

The optional Cording/Piping foot is perfect for applying corded piping between two layers of fabric. This makes a decorative finish for pillows, bed linens, garments and many other projects.

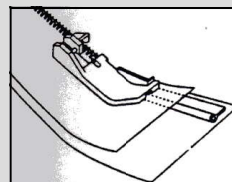
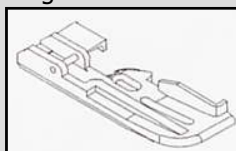
Example: Adding piping, finishing the fabric's edges and joining the seams on a pillow or window treatment.

Directions: Set for the Four-Thread Ultra-Stretch Mock Safety Stitch. Change standard foot to the Cording/Piping Foot. Place two pieces of fabric, right sides together. Insert corded piping between the two pieces of fabric. Be certain the cording is in the groove of the foot to ensure the cording is sewn straight.

Needle Set-up:



Back Overedge Left Needle (Orange)	4.0
Back Overedge Right Needle (Blue)	4.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.0
Lower Looper (Red)	4.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N



Tip:
Cut bias fabric strips to cover filler cord and make your own custom cording!

Four-Thread Ultra-Stretch Mock Safety Stitch and the Elastic Foot

The optional Elastic Foot makes inserting narrow elastic an easy endeavor. This foot is ideal for applying elastic to lingerie, swimwear and great for children's clothing.

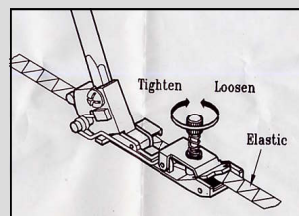
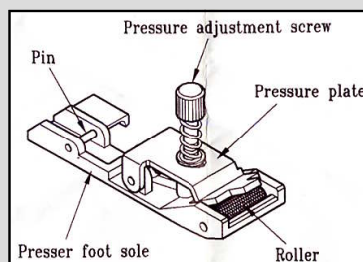
Example: Applying narrow elastic and finishing the edges to the waistband of lingerie.

Directions: Set for the Four-Thread Ultra-Stretch Mock Safety Stitch and change stitch length to 4. Before changing to the Elastic Foot, pass the elastic tape through the sewing foot, going over the roller and under the pressure plate. Pull the elastic to the back of the machine. Sew 2-3 stitches to secure the elastic to the fabric, then turn the pressure adjustment screw to create the desired "stretch" of the elastic.

Needle Set up:



Back Overedge Left Needle (Orange)	4.0
Back Overedge Right Needle (Blue)	4.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.0
Lower Looper (Red)	4.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Disengage
Seam Guide Plate	Removed
Seam Width Dial	6.5
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	4
Stitch Finger	N



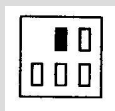
Three-Thread Overlock

The Three-Thread Overlock stitch provides a wonderful professional seam finish to woven fabrics. It is beneficial in preventing loosely woven fabrics from unraveling. In addition, the Three-Thread Overlock stitch offers unlimited decorative capabilities.

Example: The edge finish in an unlined wool or linen suit jacket, where it is desirable to keep the entire 5/8" seam allowance.

Directions: Remove the back right overedge needle and clip thread. Use the standard presser foot. Using two pieces of fabric, sew one edge of the first piece. Then sew one edge of a second piece of fabric. Place the two fabrics, rights sides together. Using a conventional sewing machine, sew a straight stitch with a 5/8 inch seam. Press the seam open.

Needle Set up:



Back Overedge Left Needle (Orange)	4.0
Back Overedge Right Needle (Blue)	
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	3.5
Lower Looper (Red)	3.5
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N

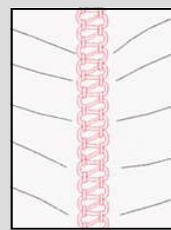
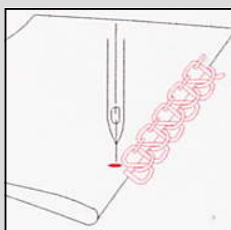
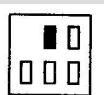
Decorative Flatlock with Three-Thread Overlock Stitch

The Flatlock stitch is used decoratively to achieve the look of applied trim on a garment, craft or home decorator projects. Special decorative threads are used for a textured and dramatic embellishment effect.

Example: Bed linens with decorative touches of lace and trim created by flatlocking with a textured thread.

Directions: Set for the Three-Thread Overlock, place a decorative thread in the upper looper (green). Fold fabric lengthwise. Place the edge of the lace on the fold and sew. To help the stitch lay flat, guide the fabric so that the overedge stitch forms slightly off the fabric. Pull fabric to open the seam flat.

Needle Set up:



Back Overedge Left Needle (Orange)	0.0
Back Overedge Right Needle (Blue)	
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.5
Lower Looper (Red)	7.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Disengaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N

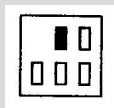
Flatlock Fringe Hem with Three-Thread Overlock Stitch

The Flatlock Fringe technique creates a beautiful finish on loosely woven fabrics, such as those used for scarves and hems. The Flatlock stitch creates a trim-like finish that is not only decorative, but secures the fringing.

Example: A fringed hem on a Celtic wool skirt.

Directions: Set for the Three-Thread Overlock, placing a decorative thread in the upper looper. Pull 1 or 2 threads to establish straight grain, approximately 1 inch from the fabric's raw edge. Fold the fabric, wrong sides together, on the "pulled" or drawn thread line. Guide the fabric so that the stitch slightly falls over the fabric's fold. Pull fabric to open the seam flat. Use a Tapestry needle to bring the beginning and ending thread tails to the fabric's backside. Tie off and then secure with a liquid fray-preventer. Pull the remaining fabric threads up to the stitching line to create fringe.

Needle Set up:



Back Overedge Left Needle (Orange)	0.0
Back Overedge Right Needle (Blue)	
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.5
Lower Looper (Red)	7.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Disengaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N

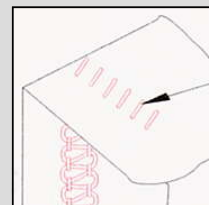
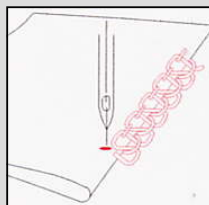
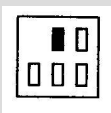
Flatlock Ladder Stitch with Three-Thread Overlock Stitch

This Flatlock Ladder stitch is a decorative *reverse* flatlock that creates a decorative horizontal stitch with a ladder-type appearance.

Example: A western vest with a ladder-type embellishment around the hem line, yoke and front.

Directions: Set for the Three-Thread Overlock, placing a decorative thread in the needle. Fold fabric lengthwise, right sides together. Guide the fabric so that the stitching slightly falls off the fabric's fold. Pull fabric to open the seam flat.

Needle Set up:



Back Overedge Left Needle (Orange)	0.0
Back Overedge Right Needle (Blue)	
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.5
Lower Looper (Red)	7.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Disengaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N

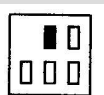
Flatlock Ladder Stitch with Three-Thread Overlock Stitch (with Ribbon hand-woven into the stitch)

Add a textured look to the Flatlock Ladder stitch by hand weaving a narrow ribbon or trim in and out of the stitch. This technique allows for truly one-of-kind accents to wearable art, heirloom projects, quilts and more.

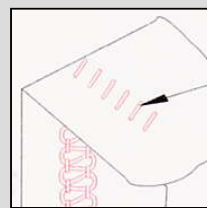
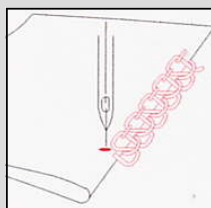
Example: Crazy quilting with decorative thread ladder-type flatlocking, with accent trim randomly woven into the stitch.

Directions: Set for the Three-Thread Overlock, placing a monofilament thread in the needle. Fold fabric lengthwise, right sides together. Guide the fabric so that the stitching slightly falls off the fabric's fold. Pull fabric to open the seam flat. Place silk ribbon, yarn or trim into a tapestry needle. Weave the tapestry needle in and out of the ladder stitches.

Needle Set up:



Back Overedge Left Needle (Orange)	0.0
Back Overedge Right Needle (Blue)	
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.5
Lower Looper (Red)	7.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Disengaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N



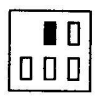
Flatlock Couching with Three-Thread Overlock Stitch

Interesting textures can be applied to fabrics by using various yarns, cords or narrow trims in conjunction with the Flatlocking stitch. These wonderfully rich embellishments can be seen in wearable art and other projects.

Example: Applying Chenille-type yarn to enhance a ladies' sweater.

Directions: Set for the Three-Thread Overlock, placing monofilament thread in the needle. Fold fabric lengthwise, right sides together, with decorative trim or yarn inside the fold. Guide the fabric so that the stitches slightly fall off the fabric's fold, then pull fabric to open the seam flat. Sew several rows to create a textured embellishment.

Needle Set up:



Back Overedge Left Needle (Orange)	0.0
Back Overedge Right Needle (Blue)	
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.5
Lower Looper (Red)	7.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Disengaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N

Three-Thread Overedge Stitch with Pearl/Sequins Foot

The optional Pearl/Sequin Foot is designed to sew a strand of beads, pearls or sequins with ease. It also can be used to add braids or cords. Because the foot holds the strand of pearls or trim in place, it is simple to apply these strands and finish the edge in one operation.

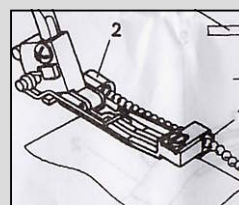
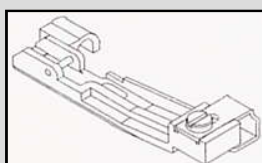
Example: An exquisite pearl edge finish to an evening handbag.

Directions: Use the Bead/Sequin foot. Place standard overlock thread in the needle and loopers. Place the strand of pearls through the foot's front guide and pull under the groove at the back of the foot. Place single layer of fabric under the foot and sew.

Needle set up:



Back Overedge Left Needle (Orange)	4.0
Back Overedge Right Needle (Blue)	
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.0
Lower Looper (Red)	4.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	2
Stitch Finger	N



Tip:

Strands of pearls, beads or trims are not limited to edge sewing...Use the Pearl/Sequin foot to flatlock trims anywhere on the fabric.

Blind Hem with Three-Thread Overedge Stitch and Blind Hem/ Lace Foot

The optional Blind Hem/Lace Foot provides an accurate guide for sewing professional looking hems, such as those seen in ready-to-wear garments. This blind hem technique can be sewn in various sizes, making it suitable for an elastic or drawstring casings, or even a curtain rod casing.

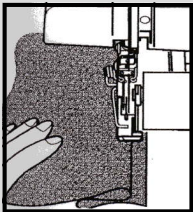
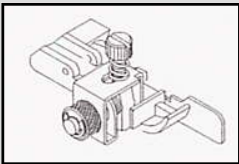
Example: A virtually invisible hem and finished fabric edge in a wool skirt.

Directions: Place monofilament thread in the needle and standard overlock thread in the upper and lower looper. Use only the back right overedge needle. Use the Blind Hem/ Lace foot. Fold fabric for a blind hem and press. The fold needs to be against the Blind Hem foot's guide. The fold also must be in line with the needle. Move the Blind Hem foot's guide (by turning the screw on the foot) so that the fold is lined up with the needle.

Needle set up:



Back Overedge Left Needle (Orange)	
Back Overedge Right Needle (Blue)	0.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.5
Lower Looper (Red)	7.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	4
Stitch Finger	N



Three-Thread Rolled Hem

By simply moving the stitch finger knob, the Quantumlock is converted to the rolled hem sewing mode. It is no longer necessary to remove needle plates to achieve beautiful rolled hems for projects such as napkins, scarves, heirloom sewing and more.

Example: A delicate hem finish to an heirloom pinafore.

Directions: Use standard foot. Set seam width finger knob to "R". Place a texturized nylon thread in the upper (green) looper. Place a standard overlock thread in both the needle and lower looper. Sew along the edge of a lightweight fabric, to create a fine clean finish.



Needle Set up:

Back Overedge Left Needle (Orange)	
Back Overedge Right Needle (Blue)	5.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.0
Lower Looper (Red)	7.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	2
Stitch Finger	R

Three-Thread Rolled Hem with Line Insertion

By using the optional Pearl/Sequin foot, yarns, wire, or even fishing line can easily be fed into the rolled hem as it is being sewn. Inserting fishing line adds body and bounce to the rolled hem, as seen in the lettuce-edge effect on chiffon skirt hems. Inserting wire into the rolled hem allows the finished edge to be manipulated or shaped as desired. This is often used in bows made for wreaths or basket ribbons.

Example: Create custom ribbon to decorate a basket for the home or a special event.

Directions: Use Pearl/Sequin foot. Place fishing line to the far right side of the foot and pull excess line to the back. Set seam width finger knob to R. Place a texturized nylon thread in the upper (green) looper. Place a standard overlock thread in both the needle and lower looper. Sew along the long edge of one side of the fabric, making sure the rolled hem is forming over the line. Repeat the process on the other side of the fabric to create a custom ribbon.

Needle Set up:



Back Overedge Left Needle (Orange)	
Back Overedge Right Needle (Blue)	5.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.0
Lower Looper (Red)	7.0
Chain Stitch Looper (Brown)	Unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	2
Stitch Finger	R

Pintucks with Three-Thread Rolled Hem

Traditionally, Pintucks are sewn with a twin needle on a conventional sewing machine. However, beautiful Pintucks can be achieved with the Quantumlock’s rolled hem. They can be made with either a two-thread or a three-thread rolled hem. Pintucking enhances a yoke, heirloom sewing, wearable art and even home decorating projects.

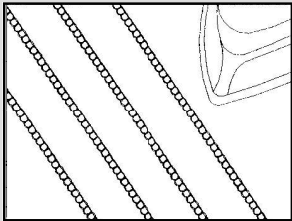
Example: Creating a pintucked yoke for a nightgown.

Directions: Place standard overlock thread in the needle and both loopers. Fold fabric lengthwise wrong sides together. Sew along the edge. Press the pintuck to one side. Repeat “folding, sewing and pressing” procedure until several rows are formed.

Needle set up:



Back Overedge Left Needle (Orange)	
Back Overedge Right Needle (Blue)	5.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	4.0
Lower Looper (Red)	7.0
Chain Stitch Looper (Brown)	unthreaded
Upper Knife	disengaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	R



Two-Thread Wrapped Edge Overlock with Blind hem/Lace Foot
The optional Blind Hem/Lace Foot provides an accurate guide for sewing lace or trim. The Two-thread stitch is designed for delicate lightweight fabrics. Since only two threads are used, this is a wonderful finish for exquisite heirloom sewing or for fine laces and fabrics.

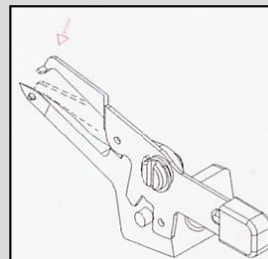
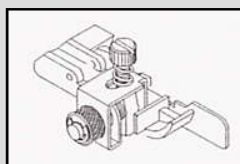
Example: Joining two pieces of lace together and then inserting the newly created lace piece into the skirt of vintage doll's dress.

Directions: Use the Blind Hem/Lace foot to keep lace and fabric straight. Engage the SPREADER. Place two pieces of lace, right sides together and sew. Open and press the lace. Next, join one side of the lace to the fabric with the rolled hem. Then join the other side of the lace to second piece of fabric to create a lace insertion.

Needle set up:



Back Overedge Left Needle (Orange)	
Back Overedge Right Needle (Blue)	1.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	Use spreader
Lower Looper (Red)	5.5
Chain Stitch Looper (Brown)	
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	1
Stitch Finger	R



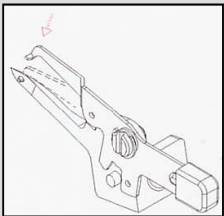
Two-Thread Wrapped Edge Overlock

By using the Two-Thread stitch, an elegant fine finish can be added to lightweight fabrics. When using clear threads in conjunction with the Two-Thread stitch, the fabric appears to have an invisible rolled edge. This gives a couture effect and looks beautiful on finer fabrics.

Example: A delicate hem finish on a fine scarf.

Directions: Use the standard foot. Engage the SPREADER. Place monofilament thread in both the needle and looper. Sew along the edge, trimming slightly.

Needle set up:



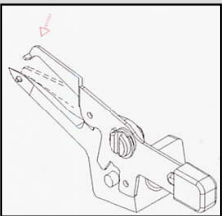
Back Overedge Left Needle (Orange)	
Back Overedge Right Needle (Blue)	1.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	Use spreader
Lower Looper (Red)	5.5
Chain Stitch Looper (Brown)	
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	2
Stitch Finger	R

Three-Thread Ultra-Stretch Mock Safety Stitch

This is a great stitch for extremely stretchy fabrics such as tricot and spandex. The Three-Thread Ultra-Stretch Mock Safety stitch “gives” as the fabric stretches. This stitch becomes vital when sewing super-stretch active wear.

Example: The side seams and edge finish of dance leggings.

Directions: Use back overedge left and right needle. Engage the SPREADER. Thread the lower looper. Sew two pieces of knit fabric, right sides together.



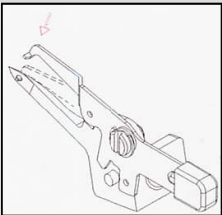
Back Overedge Left Needle (Orange)	8.5
Back Overedge Right Needle (Blue)	4.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	Use Spreader
Lower Looper (Red)	3.0
Chain Stitch Looper (Brown)	unthreaded
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N

Four-Thread Safety Stitch

This stitch is an alternative to the Five-Thread Safety Stitch. It offers the same type of two-thread chainstitch. However, the three-thread overlock is now replaced by a two-thread overedge finish. The Four-Thread Safety stitch is appropriately used when sewing a medium weight woven fabric. Because there is one less thread being used, the stitch is less bulky. However, it is still strong enough not to require straight stitch reinforcement from a conventional sewing machine.

Example: The side seams and edge finish on a broadcloth tote bag.

Directions: Use middle cover stitch needle and back overedge right needle positions. Engage the SPREADER. Thread the lower looper and chain stitch looper, using their corresponding auto threaders. Use the overedge guide plate. Engage the knife. Sew two pieces of broadcloth, right sides together, to form a seam.



Middle Cover Stitch Needle (Orange)	4.0
Back Overedge Right Needle (Blue)	1.0
Right Cover Stitch Needle (Green)	
Upper Looper (Green)	Use Spreader
Lower Looper (Red)	5.5
Chain Stitch Looper (Brown)	7.5
Upper Knife	Engaged
Seam Guide Plate	Removed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	N

Two-Thread Chainstitch

This stitch is suitable for straight seams. It also can be used for a decorative Chainstitch topstitching effect. Decorative thread can be placed in the lower looper, the needle, or in both to create various effects.

Example: A vintage handbag with fabric embellished by sewing random rows of Chainstitching using decorative thread.

Directions: Use the standard foot, disengage the knife and install the seam guide plate. Disengage the upper looper and move the needle to the front middle cover stitch position. Place decorative thread in the lower looper and standard overlocking thread in the needle. Place fabric right side down and sew.

Needle set up:



Back Overedge Left Needle (Orange)	
Middle Cover Stitch Needle(Blue)	7.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	Disengaged
Lower Looper (Red)	
Chain Stitch Looper (Brown)	7.5
Upper Knife	Disengaged
Seam Guide Plate	Installed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	R

Two-Thread Chainstitch to make a Tassel

By using decorative threads and the Two-Thread Chainstitch tassel-cord can be created. Multiple colors or metallic threads create interesting effects. This cord can then be used to form tassels.

Example: Create a tassel to match the decorative stitching on a table runner.

Directions: Use the standard foot. Disengage the knife and install the seam guide plate. Disengage the upper looper and place the needle to the front middle cover stitch position. Place decorative thread in the lower looper and the needle. Sew 20 feet of chainstitch cord. Then wrap the chainstitch cord around a 5 inch piece of cardboard. Tie the wrapped cords together at one end of the cardboard. Slide off the cardboard. Permanently secure all threads approximately 1 inch below the tied fold. Cut cords at the opposite end of the fold to form the loose ends of the tassel.

Needle set up:

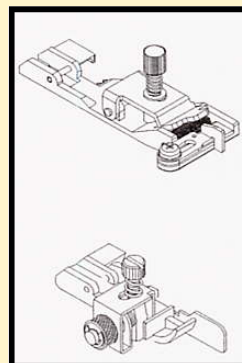


Back Overedge Left Needle (Orange)	
Middle Cover Stitch Needle(Blue)	7.0
Left Cover Stitch Needle (Green)	
Upper Looper (Green)	Disengaged
Lower Looper (Red)	
Chain Stitch Looper (Brown)	7.5
Upper Knife	Disengaged
Seam Guide Plate	Installed
Seam Width Dial	N
Differential Feed Dial	N
Presser Foot Pressure	N
Stitch Length Dial	N
Stitch Finger	R

Optional Presser Feet

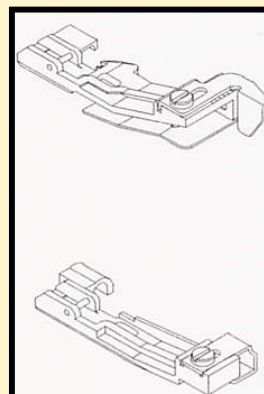
Elastic Foot: #A1A163000

Used for attaching elastic tape.
The amount of "stretch" to the elastic is adjustable.
See page 12.



Blind Hem/Lace Foot: #A1A152000

Used to ensure accurate blind hems or to provide a reliable guide when sewing lace or trims.
See pages 20 and 24.

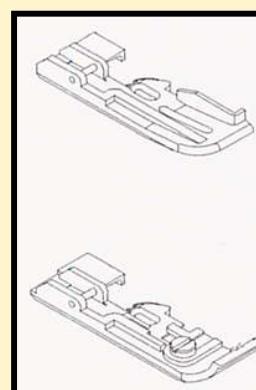


Shirring Foot: #A1A233000

Used for gathering while sewing. Especially useful when gathering and joining in one operation.
See page 9.

Pearl/Sequin Foot: #A1A283000

Used to guide beads, pearls, sequins, trims, wire and braid, ensuring straight sewing.
See pages 19 and 22.

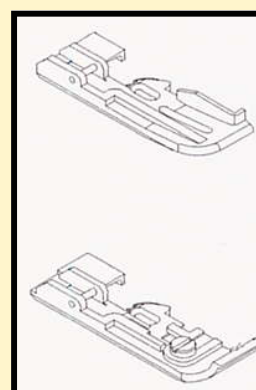


Piping/Cording Foot: #A1A321004

Used for inserting cording, braid or piping between two fabric pieces.
See page 11.

Taping Foot: #A1A333000

Used to apply tape for added strength to a seam, As well as for decorative purposes.
See page 10.



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