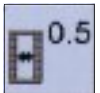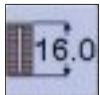# BERNINA⊞

8-Series Mastery 4—Smooth Operators

Supplies – General supplies used unless otherwise indicated
- Miscellaneous fabrics and batting
- Light weight tearaway stabilizer
- Size 90 Microtex Needle
- Variety of Cotton Decorative Threads (30, 50, 60 Weight)
- Thick Threads such as Razzle Dazzle and Candlelight for Bobbin Play
- 4mm Silk ribbon
- Matching Thread for Needle for Bobbin Play
- Wavy rotary cutter and pinking shears for trimming samples
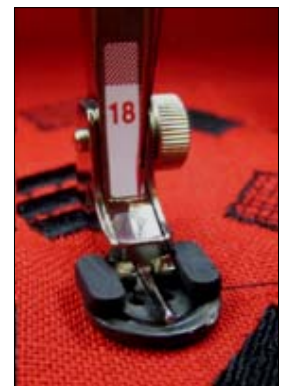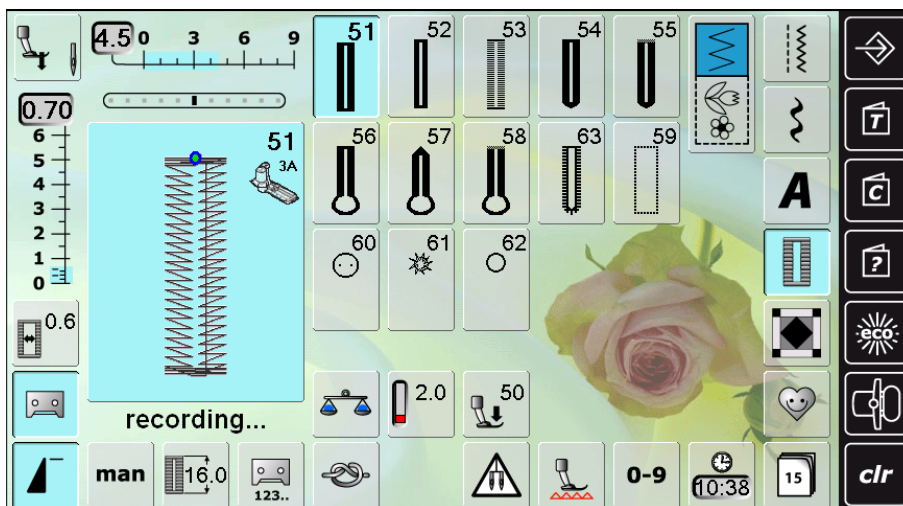- Cardstock for frames (optional) or mounting pages
- Double-stick tape

Automatic Buttonholes (Foot 3A)
- Stitch the styles of buttonholes from the button-hole menu on 1 fabric; vary the length

- On another fabric stitch 3 buttonholes with an altered slit width and increased stitch width on one—touch the icon and adjust the knobs to change the slit width

- Frame the 3 buttonhole swatch and set it with the 10 buttonhole swatch (wavy cut)

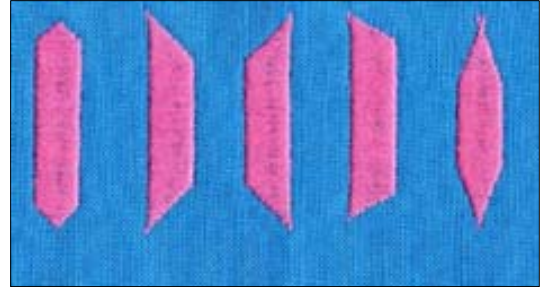*The Manual option is for Buttonholes longer than the 3A Foot*

Button Sew-On Program and Button Sew-On Foot #18

Tapering Stitches (Menu 1401)
Be sure to follow the Foot recommendations in the Stitch Altering Area

Stitch the 5 Taper Endpoints
- Select Stitch #1401 (satin Taper)
- Stitch each of the 5 taper options and create the sampler as pictured (touch the hand to advance to each option)
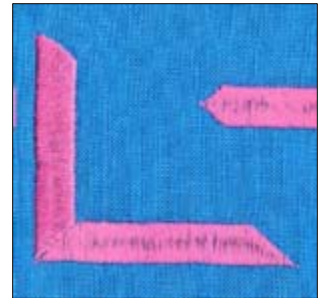
Program Taper Length
- Select the tapering length icon and preprogram the length and sew several tapers with 1401

Stitch a tapered corner with stitch #1401
- Engage Needle Stop Down sew one taper with pre-programmed length
- Pivot to sew the second side

Stitch Decorative Tapered Stitches
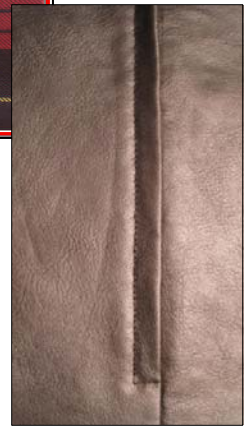- Select Decorative Tapering Stitch 1424 and stitch the taper options 1-4

Manual Tapering
- Select Stitch #1401
- Select Manual Tapering
- Move the fabric to form a curved Stitch
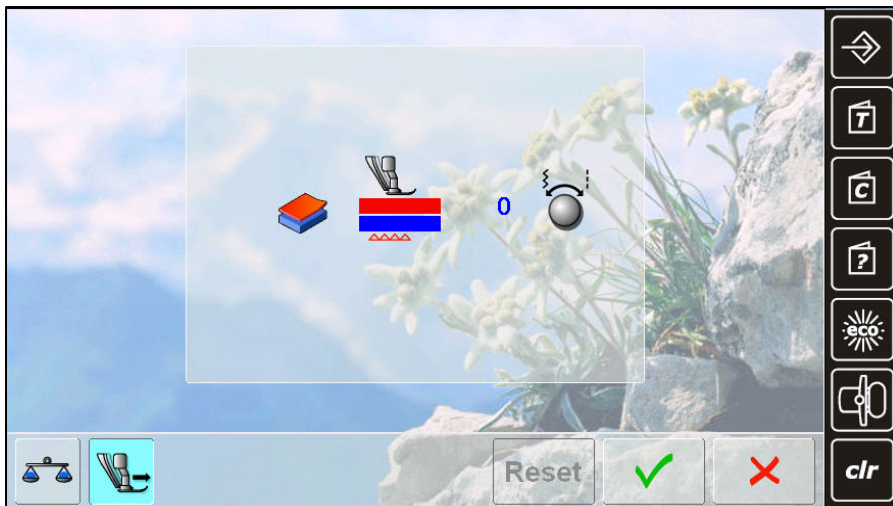- When ready to end, press the quick reverse button to finish the taper

Bernina Dual Feed

- For use with Feet #1D, 4D, 37D, 10D, 8D, 34D, 57D, 52D, 14D & 20D
- Sew the following samples:
- Seam Polar Fleece with and without BERNINA Dual Feed
- Install a zipper using Foot #4D or #14D
- Sew 9mm Decorative Stitches on Polar Fleece
- Sew Satin Ribbon to Fabric with #1D Foot or #10D Foot
- Stitch in the Ditch with #10D
- Attach a binding to an edge with foot #1D
- Sew Leather with Foot #52D
- Piece long strips with Foot #37D and #57D
- Seam a Plaid or a stripe Fabric with #1D
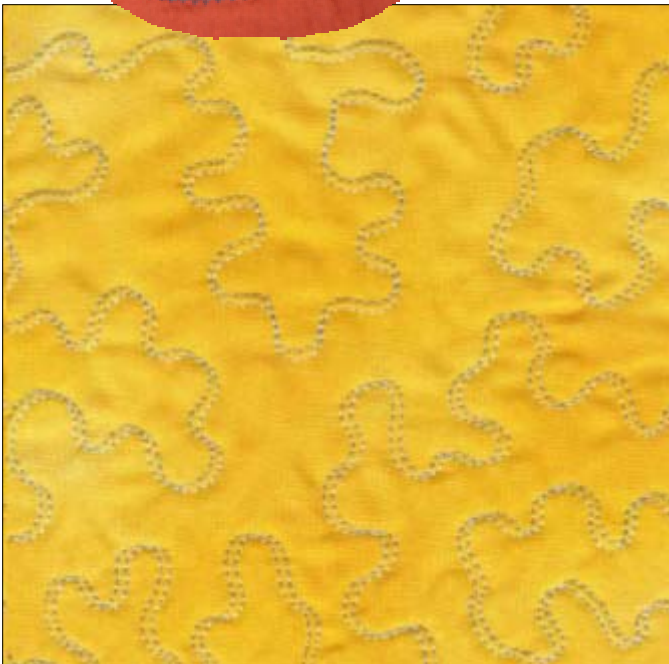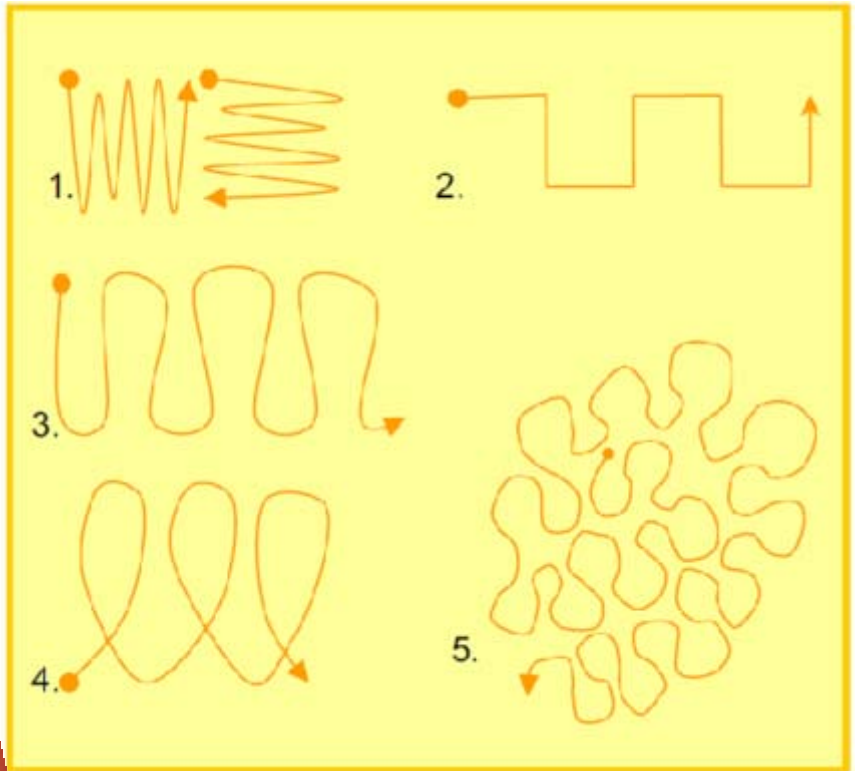
Bernina Dual Feed Balance

- If the fabrics don't finish at the same time, select Balance and select the BERNINA Dual Feed Icon from the balance screen
- Dual Feed Balance controls the fabric not the stitch
- Turn knob to look like fabric result
- Decreasing Presser Foot Pressure may also help

BERNINA Stitch Regulator

- Attach the BERNINA Stitch Regulator and plug in cable
- BERNINA Stitch Regulator screen will appear and feed dogs will automatically drop
- Sew the test pattern using Mode 1 and Mode 2 with a straight Stitch to see which mode you prefer
- Create Designs with Straight Stitch and Zig-Zag
- Use a Double Needle with the BERNINA Stitch Regulator

Use the BSR to do raw edge appliqué and thread paint the details

BERNINA+

Bobbin Play
Hints, Tips and Tricks

Razzle Dazzle & Stitch #669

Candlelight & Feather Stitch #1332

Razzle Dazzle & Stitch #1119

Razzle Dazzle & Stitch #698

4mm Silk Ribbon & Stitch #14

Pearl Crown Rayon & Stitch #601

Razzle Dazzle & Combi 656-32-711-32

Pearl Crown Rayon & Stitch #672

Bobbinwork: Threads too big for the eye of a needle can be wound onto the bobbin and applied to fabric as it faces the feed dogs

Using Heavy Threads
- Heavy Threads like Candlelight, Ribbon floss, Razzle Dazzle, Pearl Crown Rayon all work well—but try others!
- Wind onto bobbin normally
- Loosen the bobbin case tension with the multi-function tool 2-3 clicks (to the left), and insert Bobbin thread in the normal path
- Increase top tension by 2-3 numbers usually gives a prettier stitch

Using Ribbon (such as 4mm Silk Ribbon)
- Wind the bobbin with the shiny side facing the machine or hand wind
- Use normal bobbin tension
- Insert bobbin, omitting the slit, but putting the ribbon in the hole with the provided wire threader
- Increase top tension as necessary, but default settings may be best since there is no tension on bobbin ribbon

Sewing
- Use monofilament or a matching thread, such as Isacord thread, in the needle
- Open Toe Embroidery Foot #20/20C and Clear Embroidery Foot #39/39C work extremely well
- Stitches that are more open perform well, but with stitch width, stitch length and pattern extend adjustments any stitch can play.
- Good side of fabric faces the feed dogs
- Engaging Pattern Extend may stretch out the stitch providing more space for the thread
- Combi-Mode can also be used for Bobbin Play patterns