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Stitch overview

The settings shown in this table are our recommendations based on normal conditions. The correct tension is set automatically by the use of the Auto Tension Dial (ATD). It may be necessary to adjust the thread tension according to the stitch, type of fabric and thread you are using. For best results make tension adjustments in small steps of no greater than half a number at a time. Always test sew on a sample of your fabric before sewing on your garment.

Different stitches are obtained by combining the ATD with different needle positions, threading methods, and the use of the 2-thread converter.

Icon explanation:



Needle position



Cutting width

N/R

Stitch finger lever setting

A/B

Setting for upper cutter



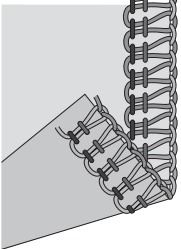
Stitch length



Differential feed

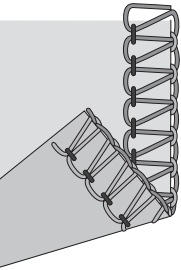


2-thread converter

Stitch	ATD	A B	Stitch length	Cutting width	Differential feed	N/R	2-thread converter	A/B	Threading path			
									B	G	R	Y
	A	A and B	2.5	6.0	1.0	N	No	A	•	•	•	•

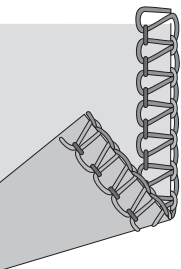
4-thread overlock

For all seams where stretch or give is needed, such as neck edges, side seams, sleeves, etc. Specialty techniques can be done with a 4-thread overlock seam such as gathering, applying piping with the optional piping foot and elastic with the optional elastic foot.

	B	A	2.5	6.0	1.0	N	No	A	•	•	•	•
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3-thread overlock, wide

For sewing two layers of stretchy fabric or overcasting a single layer of light to medium fabric. Use heavier threads in the loopers to create decorative braids. (Hold your hand behind the presser foot and gently and slowly pull the thread chain as you sew, trying to keep the same tension as it has been sewn onto fabric.)

	A	B	2.5	6.0	1.0	N	No	A	•	•	•	•
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3-thread overlock, narrow

For sewing two layers of stretchy fabric or overcasting a single layer of light fabric. Popular for creating decorative tucks. Use decorative threads in the loopers and regular thread in the needle. Use different colors in the loopers to get an interesting effect.

Stitch	ATD	A B				N/R		A/B	Threading path			
									B	G	R	Y
	A	B	1.5	6.0	1.0	R	No	A		•	•	•

3-thread narrow edge*

For edging lightweight fabrics. It gives a nice finish on silky scarves, pillow ruffles and napkins. Thread the upper looper with a decorative thread, such as 40 weight rayon for a beautiful satin edge. Read more on page 23.

	F	A	2	6.0	1.0	N	No	A	•		•	•
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3-thread flatlock, wide

For sewing stretchy fabrics together with a decorative effect either with the flatlock side or the ladder stitch side. Create varying effects by threading the upper looper with decorative thread. Read more on page 22.

	F	B	2	6.0	1.0	N	No	A		•	•	•
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3-thread flatlock, narrow





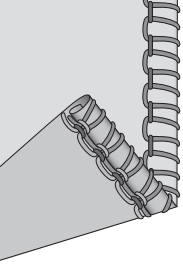
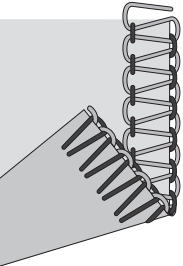
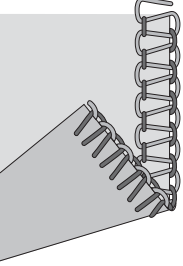
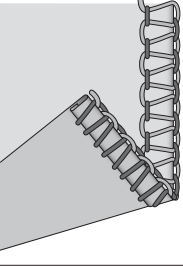
For sewing stretchy fabrics together with a decorative effect either with the flatlock side or the ladder stitch side. Create varying effects by threading the upper looper with decorative thread. Read more on page 22.

	G	A and B	2	6.0	1.0	N	Yes	A	•	•		•
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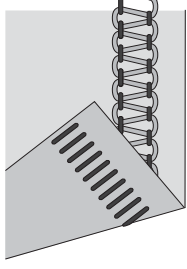
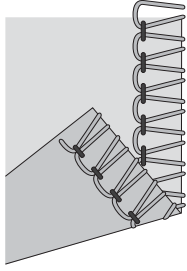
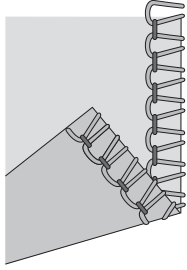
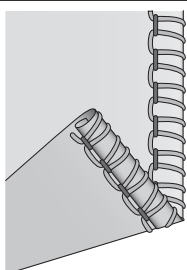
3-thread stretch overlock

For sewing extra stretchy fabrics. Add additional stretch by using a stretchy type thread in the lower looper. Change the thread tension accordingly.

* Not recommended for heavyweight woven fabrics or medium to heavyweight stretch fabrics.

Stitch	ATD	A B				N/R		A/B	Threading path			
									B	G	R	Y
	C	B	1	6.0	1.0	R	No	A		•	•	•
3-thread rolled edge* For edging lightweight fabrics. It gives a nice finish on silky scarves, pillow ruffles and napkins. For a beautiful rolled edge, thread the upper looper with decorative thread and the needle and lower looper with lightweight regular thread. Read more on page 23.												
	E	A	2	6.0	1.0	N	Yes	A	•			•
2-thread overlock, wide For overcasting a single layer of light to medium weight fabrics. Converter required.												
	E	B	2	6.0	1.0	N	Yes	A		•		•
2-thread overlock, narrow For overcasting a single layer of light to medium weight fabrics. Converter required.												
	E	B	2	6.0	1.0	R	Yes	A		•		•
2-thread narrow edge* Use for edging lightweight fabrics. Converter required. Read more on page 23.												

* Not recommended for heavyweight woven fabrics or medium to heavyweight stretch fabrics.

Stitch	ATD	A B				N/R		A/B	Threading path			
									B	G	R	Y
	E	A	2	6.0	1.0	N	Yes	A	•			•
2-thread flatlock, wide For sewing stretchy fabrics together with a decorative effect either with the flatlock side or the ladder stitch side. Create varying effects by threading the lower looper with decorative thread. Converter required. Read more on page 23.												
	G	A	2	6.0	1.0	N	Yes	A	•			•
2-thread wrapped overlock, wide Decorative finish for garments and homedec. Converter required.												
	D	B	2	6.0	1.0	N	Yes	A		•		•
2-thread wrapped overlock, narrow Gives a beautiful finish to lightweight fabrics. Use transparent threads with this stitch to get an almost invisible edge, this gives a very beautiful look on finer fabrics. Converter required.												
	B	B	1	6.0	1.0	R	Yes	A		•		•
2-thread rolled edge* For edging lightweight fabrics. It gives a nice finish on silky scarves, pillow ruffles and napkins. Thread the lower looper with a decorative thread, such as 40 weight rayon for a beautiful satin edge. Converter required. Read more on page 23.												

* Not recommended for heavyweight woven fabrics or medium to heavyweight stretch fabrics.