| AMERICAN EFIRD, INC.      | Special Decora   | tive Stitch Termi   | inology American & Efird, Inc. 2007. All International Rights Reserved.   |
|---------------------------|--|---|---|
| SPECIAL STITCH            | THREAD   | COMMON  |   |
| PHOTO & COMMON NAME       | RECOMMEND.   | APPLICATION   | STITCH DESCRIPTION  |
| SHELL STITCH              | T-21 - T-40 Spun<br>Poly or PW Core  |   | Made with an Overedge Machine with a Special Set-Up that forms the thread around the edge of the fabric in a shell appearing configuration. Generally 5 shells per inch. Standard seam width = 3/16" or 5mm.                        |
| LARGE SHELL STITCH        | T-40 - T-60 Spun<br>Poly, No. 30 - No. 20<br>Signature - high<br>sheen   | Serge Edge Stitching<br>of Womens, Girls and<br>Infants Outerwear;<br>Shell Stitching<br>Blankets   | Made with an Overedge Machine with a Special Set-Up that forms the thread<br>around the edge of the fabric in a shell appearing configuration. Standard seam<br>width - 3/8" to 1/2" or 9.5 to 12.7mm. Generally 2 Shells per inch. |
| PURL EDGE STITCH          | Ndl. Thd T-24 PW<br>Core or T-27 Spun<br>Poly; Loopers - T-35<br>- T-50 Textured<br>Polyester                  | Serging the edges of<br>napkins, Table<br>clothes. Serge edge<br>on light weight<br>womens apparel. | 502 Overege Stitch Formation with 18 to 26 Stitches Per Inch. Standard seam width = 1/16" = 1.5mm.  |
| MG-3U<br>PURL EDGE STITCH | Ndl. Thd T-24 PW<br>Core or T-27 / T-30<br>Spun Poly; Upper<br>Looper - High Luster<br>- No. 3004<br>Signature |   | 505 Overege Stitch Formation with 14 to 18 Stitches Per Inch. Seam width -<br>1/8 to 3/16" or 3 to 4.5mm.   |
| LETTUCE EDGE SERGING      | Same as seaming<br>thread.   | Serging Edges of<br>womens, childrens,<br>infants clothing  | 504 or 505 Stitch Formation with reverse differential feeding action to uniformly stretch the fabric as it is being sewn.   |
| BLANKET STITCH            | T-180 to T-350 Spun<br>Polyester   | Serging Edges of<br>Blankets, Sweaters,<br>Polar Fleece, etc.                                       | <u>503 Stitch</u> Formation with 4 stitches per inch. Seam width usually 1/2" or 12.7mm   |
|                           | T-24 PW Core or T-<br>27, T-30 Spun Poly   | Zig Zag Chainstitch<br>operations on<br>Childrenswear   | ISO 404 Stitch Formation - Zig Zag Chainstitch  |
| ZIG ZAG CHAINSTITCH       |  |   |   |

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|                            | T-24 PW Core or T-<br>27, T-30 Spun Poly | Pico edging of<br>womens, childrens,<br>infants clothing                      | <u>ISO 411 Stitch</u> Formation - Two thread Multi-Step Chainstitch generally formed just off the edge of the seam.   |
| PICOETTA STITCH            |  |   |   |
|                            | T-24 PW Core or T-<br>27, T-30 Spun Poly | Duplex fagoting of<br>womens, childrens,<br>infants clothing                  | Fagoting is the uniting the finished edges of two pieces of fabric with a space<br>between the edges using decorative chainstitch. In this case a Duplex (double<br>needle) ISO 411 stitch is being used.   |
| 2 NDL. FAGOTING            |  |   |   |
| ~~~~~                      | T-24 PW Core or T-<br>27, T-30 Spun Poly | Picoetta decorative<br>stitching of womens,<br>childrens, infants<br>clothing | ISO 411 Stitch - Two thread Multi-Step Chainstitch used to topstitch a seam.  |
| PICOETTA STITCH            |  |   |   |
|                            | T-24 to T-60 PW<br>Core or Spun Poly     | Decorative<br>Topstitching of Coats,  | <u>ISO 108 Single Thread Chainstitch</u> . Formed when a needle carries a loop of thread through the fabric that is then picked up by a hook needle that brings the needle loop back to the topside. The distance between the needle and hook needle determine the length of the pin or saddle stitch. Length of the showing stitch varies from 1/16" to 7/32" or 1.5 to 5.5mm. The pin or saddle stitch is actually formed on the underside of the seam as it is sewn. Generally 2.5 to 5.5 stitches per inch. |
| PIN, PICK OR SADDLE STITCH |  |   |   |
| PIN, PICK OR SADDLE STITCH | T-24 to T-60 PW<br>Core or Spun Poly     | Decorative<br>Topstitching of Coats,<br>Jackets, Dresses, etc.                | <u>ISO 201 Single Hand Stitch</u> . Formed when a double pointed needle with the eye<br>in the center carries an end of thread through the fabric. Seam is limited to 90<br>cm long.  |

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| SPECIAL STITCH  | THREAD   | COMMON  |  |
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| BLIND STITCH  | T-24 Core or T-27<br>Spun Poly                                 | Decorative<br>Topstitching of Knit<br>Tops, Dresses, etc. | Currently there isn't an ISO stitch number for this stitch. It is referred to by<br>some sewing machine companies as a Blind Stitch Deco stitch. Formed on a<br>special lockstitch machine. Formed by make three or four straight stitches and<br>then a zig zag stitch over to the edge or the fabric. Then the pattern repeats<br>with straight stitches and then a zig zag. Normally you will specify the SPI and<br>the width of throw for the zig zag. On domestic sewing machines, this is the<br>stitch used for blind hemming. However this stitch is also commonly used for<br>decorative stitching on the edge of woven or knit garments.  |
| 1234<br>1234<br>1234<br>1234<br>1234<br>ISO 321 Stitch<br>MULTI-STEP ZIG ZAG  | T-24 Core or T-27<br>Spun Poly                                 | Attaching Elastic,<br>Seaming Intimate<br>Apparel         | <u>ISO 308 Stitch</u> - is a two step Zig Zag where there is two stitches to the left and<br>then two stitches to the right. This pattern is repeated for the length of the<br>seam. <u>ISO 321 stitch</u> is a three step Zig Zag here there is three stitches to the<br>left and then three stitches to the right. This pattern is repeated for the length<br>of the seam. <u>ISO 322 stitch</u> is a four step Zig Zag here there is four stitches to<br>the left and then four stitches to the right. This pattern is repeated for the<br>length of the seam. <u>Stitch</u> is a four step Zig Zag here there is four stitches to<br>the left and then four stitches to the right. This pattern is repeated for the<br>length of the seam. Each of these stitches us a single needle thread and single<br>bobbin thread. |
| MULTI-STEP ZIG ZAG   MULTI-STEP ZIG ZAG   Image: Constraint of the second s | T-21 or T-27 Spun<br>Poly, T-18 or T-24<br>Textured Polyester. | Hem Tee Shirts, Knit<br>Tops, etc.                        | ISO 503 Stitch - is used to make a blindhem where the fabric is folded in an "S" configuration and then overeged with a two thread overedge machine with a blindhemming attachment. The hemming guides position right to left determines the amount of "bite" or thread showing on the outside of the garment.   |