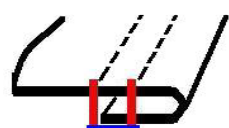
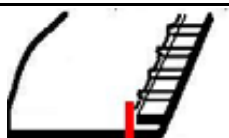
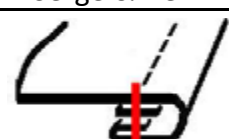
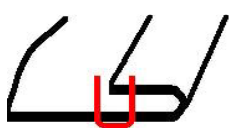




Hemmer Styles and Explanations



Seam Appearance	751a Number	ISO 4916 Number	Common Application	Requirements
	EFa	6.02.01	Hemming Selvedge Edge Shirt Front	1) Specify width of hem.
	EFa Inv.	6.02.07	Hemming Tee Shirts, Polo Shirts, etc. Generally sewn with a 406 stitch.	1) Specify width of hem. 2) Specify Needle Spacing. (Example: 1" hem with 1/4" needle spacing).
 Clean finish Hem	EFb	6.03.01	Hemming Shirts, Jeans, Shorts, etc.	1) Specify width of hem. 2) Generally a hemming folder or Presser Foot is required.
 Bind Hem	EFc	6.06.01	Hemming bottoms of Tee Shirts, Undershirts, etc. Usually sewn with a 503 Stitch.	1) Specify width Hem. (Example: 1" hem) 2) Generally a hemming guide is required.
 Serge & Hem	EFe	n/a	Serging edges of napkins, sheer curtains, etc.	1) Specify width of Bite. (Example: 3/32") 2) A hemming Presser Foot is required.
 Hem & Insert	EFf	7.24.02	Hem and Insert Elastic in Infants Panties, etc.	1) Specify the width of hem
	EFg	7.24.03	Hem and Insert Elastic to Infants Panties, etc.	1) Specify needle spacing. 2) Specify hem width (Example: 1/4" needle spacing & 1/2" width hem.) 3) Requires hemming folder and elastic guide.
 Blindstitch Hem	EFI	n/a	Hemming Dresses, Slacks, Coats, Bedspreads. Generally sewn with 103 blindstitch	1) Specify Width Hem - Selvedge edge finish -

 Blindstitch Hem	EFm	n/a	Hemming Dresses, Slacks, Coats, Bedspreads. Generally sewn with 103 blindstitch.	1) Specify Width Hem - Clean finish -
 Hoop Elastic	EFq	7.26.05	Hem and Insert Elastic to Infants Panties, etc.	1) Specify needle spacing. 2) Specify hem width. (Example 1/4" needle spacing & 1/2" hem width.) 3) Requires hemming folder & elastic guide.
 Tunnelled Elastic Flat	EFr	7.26.05	Hem and Insert Elastic to Infants Panties, etc.	1) Specify needle spacing. 2) Specify hem width. (Example 1/4" needle spacing & 1/2" hem width.) 3) Requires hemming folder & elastic guide.
	LSn	n/a	Not common	
 Hem Seam	SSn	1.20.01	For seaming fabrics that may be susceptible to Seam Slippage. Selledge finish.	1) A hemming folder or guide is generally used. 2) Hem width should be specified. Example: 3/8" Hem.
 Hem Seam	SSp	1.21.01	For seaming fabrics that may be susceptible to Seam Slippage. Clean finish.	1) A hemming folder or guide is generally used. 2) Hem width should be specified. Example: 3/8" Hem.

"751a Number"

Refers to Federal Standard 751a (FED-STD-751A), a US government standard that establishes and classifies specific technical designs for stitches and seams used in clothing and fabric manufacturing.

How the Classification Works

The standard uses capital letters, lowercase letters, and numbers to name and draw every exact way fabric pieces join together.

Capital Letters: Show the main seam class (such as SS for Superimposed, LS for Lapped, BS for Bound, or FS for Flat seams).

Lowercase Letters: Show the specific geometric variation within that class.

Numbers: Show the number of independent rows of stitches. (1, 2, 3, etc.)

The Main Seam Classes:

- * Edge Finishing (EF)
- * Superimposed (SS): Two or more edges laid on top of each other and sewn.
- * Lapped (LS): Two or more pieces overlapped with edges folded or unfolded.
- * Bound (BS): An edge covered with a strip of fabric binder.
- * Flat (FS): Edges abutted or slightly overlapped and joined so the seam lies flat. [1, 2, 3, 4, 5]

The **ISO 4916** standard uses a multi-digit number code to classify and name different types of stitched seams used in the clothing and textile industry. The first digit tells you the main seam class (1 through 8), while the following digits describe how the fabric pieces and needle lines fit together. [[1](#), [2](#)]

Seam Classes (First Digit)

- * **Class 1:** Superimposed seams (two or more pieces laid on top of each other, like a basic plain seam).
- * **Class 2:** Lapped seams (pieces overlapped with edges offset).
- * **Class 3:** Bound seams (an edge bound with a strip of fabric).
- * **Class 4:** Flat seams (edges abutted and joined flat).
- * **Class 5:** Ornamental/decorative stitching on a single layer.
- * **Class 6:** Edge-finishing seams (neatening raw fabric margins).
- * **Class 7:** Attached extra components (like belt loops or tape).
- * **Class 8:** Separate single-ply or multi-ply constructions.

www.collierequipment.com

Collier Equipment

100 Mill Creek Circle / PO Box 175

Lexington, AL 35648

Ph: (256) 229-6595 Fx: (256) 229-6779