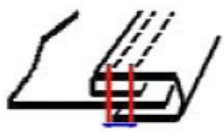
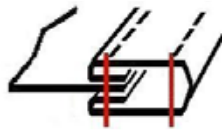
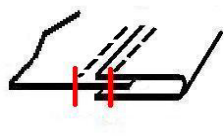
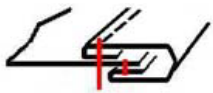




Binder Styles and Explanations



Seam Appearance	751a Number	ISO 4916 Number	Common Application	Requirements
	BSa	3.01.01	Binding Carpets, etc. with selvedge (raw) edge binding.	1) Specify the Binding finished width.
	BSa	3.01.01	Setting collarettes & Sleeve Binding on Undershirts, etc. Usually sewn with a 602 or 605 coverstitch.	1) Specify the needle spacing if multi-needle. 2) Specify the Binding finished width.
	BSb	3.03.01	Setting collarettes on T Shirts; binding legs and fly on knit briefs, etc. Usually sewn with a 406 bottom coverstitch.	1) Specify the needle spacing if 406 stitch is used. 2) specify the Binding finished width.
	BSc	3.05.01	For setting sleeve facings to shirts, piping edges of outerwear, etc. Can be sewn with a 301 lockstitch or 401 Chainstitch.	1) Specify the width of the binding. 2) Requires a binding folder.
 Waistbanding on Jeans.	BSc	3.05.01	For setting waistbands to jeans, etc. Can be sewn with a 401 chainstitch or 301 lockstitch.	1) Specify needle spacing & 2) Specify the width of the binding. (Example: 1- 3/8" and 1- 5/8" Binding.) 3) Requires a binding folder.
	BSd	3.01.02	Seaming with selvedge edge binding on Outerwear	1) Specify the needle spacing and - 2) Binding width. Example: 3/8" needle spacing & 1/4" Binding. 3) Requires a binding folder.
	Bse	3.05.05	Seaming & binding on Outerwear	1) Specify the needle spacing; and - 2) Width binding. (Example: 3/8" needle spacing and 1/4" Binding.) 3) Requires a binding folder.

 Topstitch in hidden seam line.	BSf mod	n/a	"Stitch in a Ditch" - Topstitching Waistband with stitch line on top of previous seam line.	1) May require special Presser Foot with Guide so stitch is totally hidden.
 Sewn in 2 operations	BSg	3.14.01	Mock Clean Finish Binding	1) Specify Binding width.
 Sewn in 2 operations	BSj	3.05.06	Mock Clean Finish Binding	1) Specify the width of the binding. Example: 1/2" Binding.

"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:

- * 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.

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