



SEWING TROUBLE and COUNTERMEASURE NEEDLE - SPORTSWEAR -

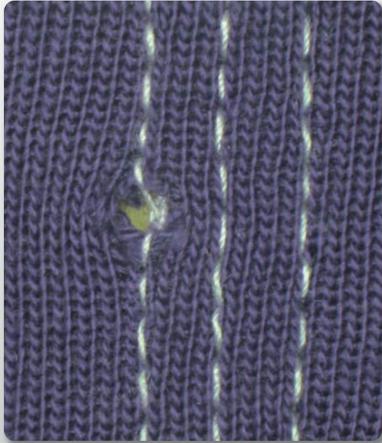
TROUBLE	MATERIAL / SEWING TYPE	CAUSE	COUNTERMEASURE NEEDLE
Fabric Yarn Breakage	Interlock Stitch Flat Seamer	Inappropriate Size Point and/or Needle too Thick	Ball Point Series (S) KN/SF Series
		Difference in Needle Depth	KK Series
		Retainer Needle too Thick	FLG-1 #7
Flat Seamer			
Skipped Stitches			NY2 Series SK Series (SK2)
Missed Thread pick up	Woolly Thread		SK Series (SK2)
Loose Seams	Thicker Thread		LE Series
Inside Down comes out	Fabric		NS Series LP Coating
	Knit		KN/SF Series
Needle Breakage	Interlock Stitch	Insert Needle Incorrectly	UYX128FL



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Fabric Yarn Breakage caused by Deep Penetration

TROUBLE



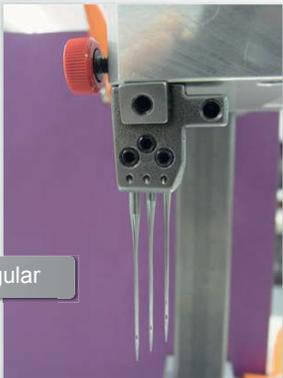
SOLUTION

Prevent Pattern of Knit Breakage at shank taper

COUNTERMEASURE NEEDLE

KK Series

INSTALLED NEEDLE

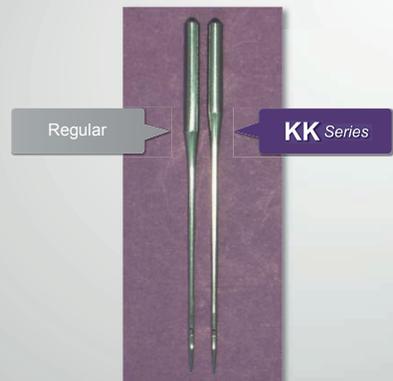


Regular



KK Series

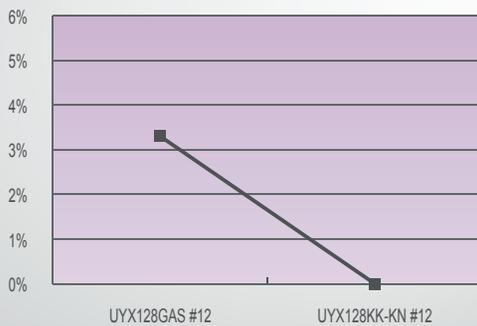
COMPARATIVE PHOTOGRAPH



Regular

KK Series

INCIDENCE OF FABRIC YARN BREAKAGE



KK Series

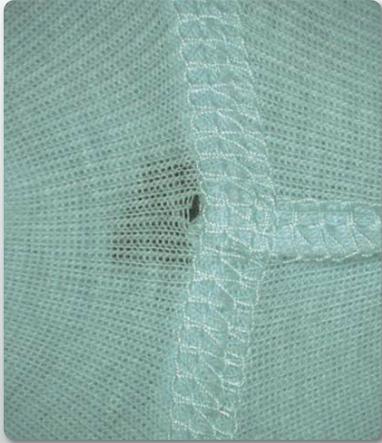
Changing the deeply-penetrated needle where Fabric Yarn Breakage occurs into the KK series can solve a problem.



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Retainer Needle cuts Material

TROUBLE



SOLUTION

Prevent Pattern of Knit Breakage

COUNTERMEASURE NEEDLE

FLG-1 #7

Fabric Yarn Breakage due to the retainer needle offer a size 7 one.

LINE

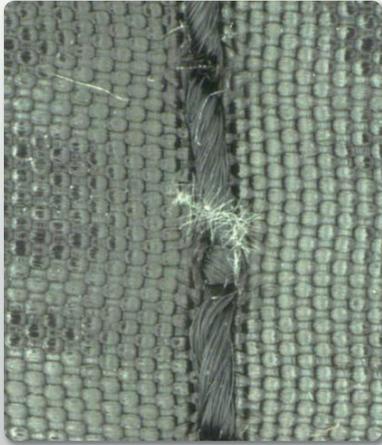
System	7	8	9	10	11	12
FLG-1	○	○	○	○	○	○



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Inside Down comes out on Fabric

TROUBLE



SOLUTION

Shrink Needle Hole
Reduce Friction between Needle and Fabric

COUNTERMEASURE NEEDLE

NS Series
LP Coating

COMPARATIVE PHOTOGRAPH

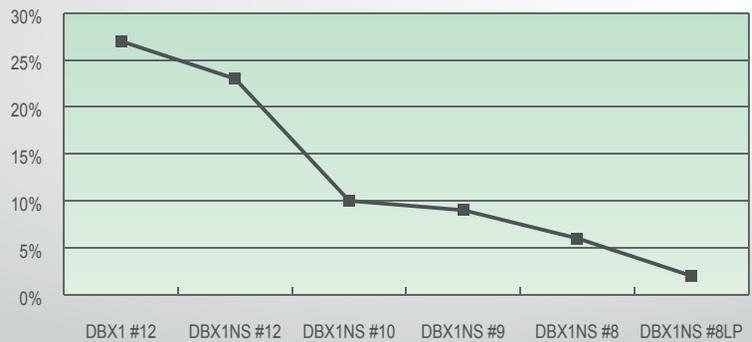


DBX1 #9



DBX1NS #9

INCIDENCE OF INSIDE DOWN COMES OUT



ADVICE

NS series has LP coating, thereby preventing the down from clinging to the needle. In this way, Inside Down comes out can be reduced.

SF series is effective in Inside Down comes out on knit.



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