



SEWING TROUBLE and COUNTERMEASURE NEEDLE - UNDERWEAR -

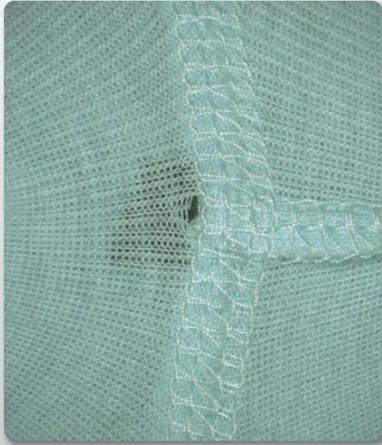
TROUBLE	MATERIAL / SEWING TYPE	CAUSE	COUNTERMEASURE NEEDLE
Fabric Yarn Breakage	Knit	Inappropriate Size Point and/or Needle too Thick	Ball Point Series (S) KN/SF Series
		Difference in Needle Depth	KK Series
	Net	Inappropriate Size Point	Ball Point Series (U·Y)
	Flat Seamer	Retainer Needle too Thick	FLG-1 #7
Skipped Stitches			NY2 Series SK Series (SK2)
Missed Thread pick up	Woolly Thread		SK Series (SK2)
Protrusion	Gum		Ball Point Series
Needle Breakage	Interlock Stitch	Insert Needle Incorrectly	UYX128FL



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Needle penetrates into Material to Shank taper

TROUBLE



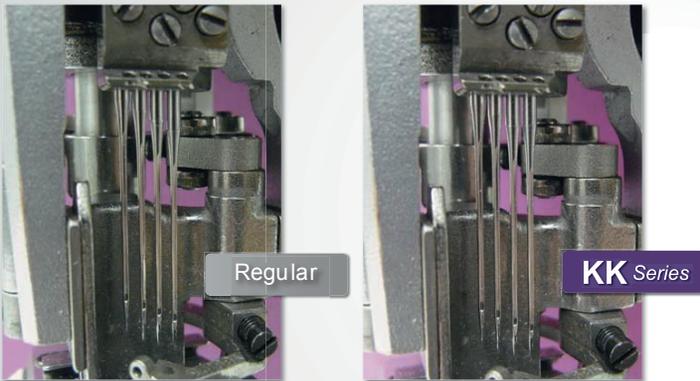
SOLUTION

Prevent Pattern of Knit Breakage at the shank taper

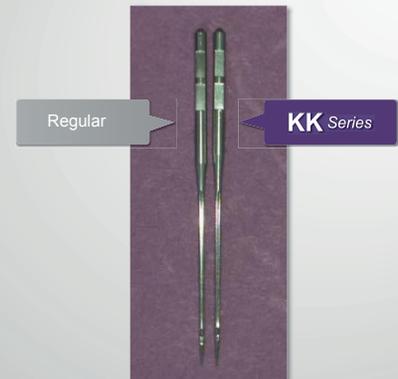
COUNTERMEASURE NEEDLE

KK Series

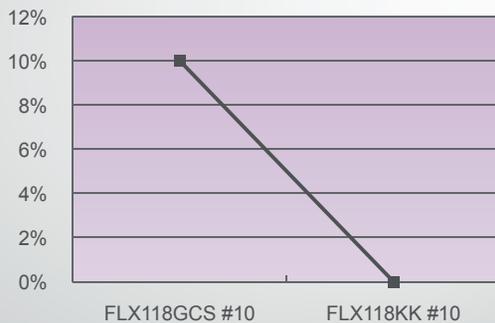
INSTALLED NEEDLE



COMPARATIVE PHOTOGRAPH



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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Missed Thread pick up caused by Woolly Thread

TROUBLE



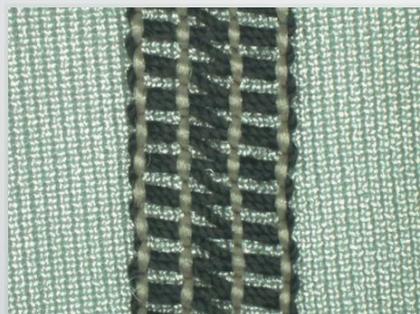
SOLUTION

Improve Loop Formation by Deep Scarf

COUNTERMEASURE NEEDLE

SK Series (SK2)

COMPARATIVE PHOTOGRAPH



FLX118GCS



FLX118-SK2

SK Series (SK2)

Skipped Stitches using spun is also effective



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Gum Protrusion

TROUBLE



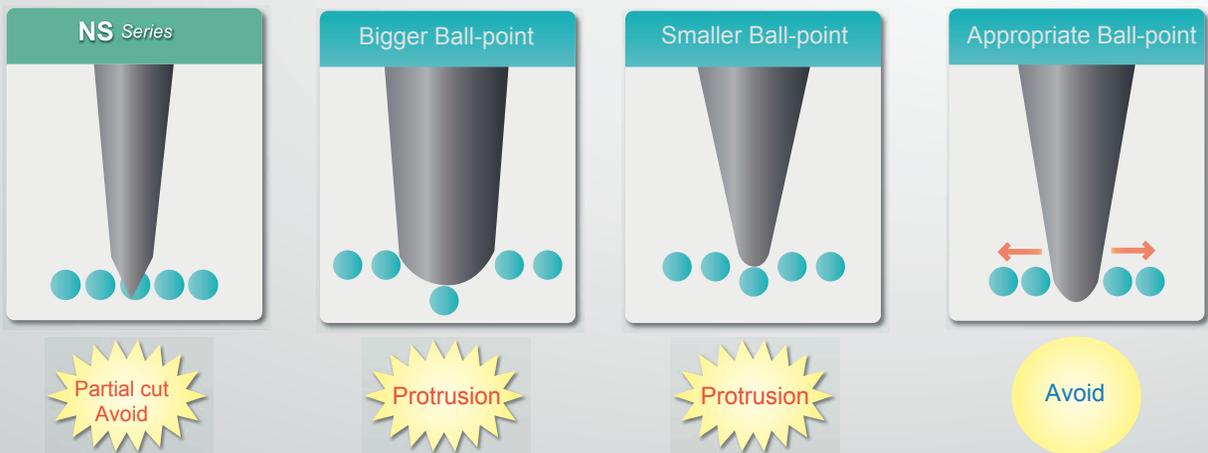
SOLUTION

Select most appropriate Ball-point not to protrude elastic band

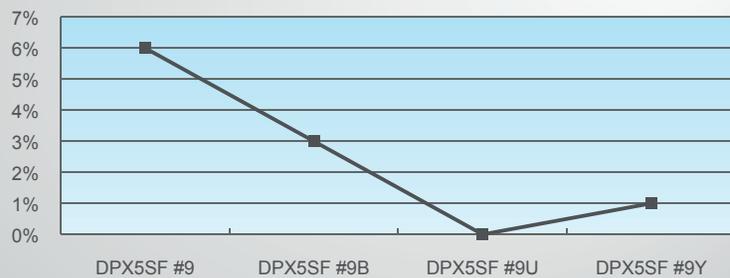
COUNTERMEASURE NEEDLE

Ball Point *Series*

ILLUSTRATION



INCIDENCE OF PROTRUSION



ADVICE

In the case that avoidance of the elastic band is not possible, a NS series needle can be effective by cutting through it.



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Needle Breakage caused by Incorrectly Installed Needle (UYX128GAS)

TROUBLE



SOLUTION

Install the needle correctly

COUNTERMEASURE NEEDLE

UYX128FL

COMPARATIVE PHOTOGRAPH



Installing a needle with a flat shank is easier because you don't need to use a loupe



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