



The special application needle SAN® 12

For the perfect appearance of 2-needle seams

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Potential problems creating 2-needle decorative seams

When two adjacent seams are produced at the same time on 2-needle machines, the left and right seams should ideally have the same seam appearance. The differences in the threading direction and loop pick-up between the left and right needle can result

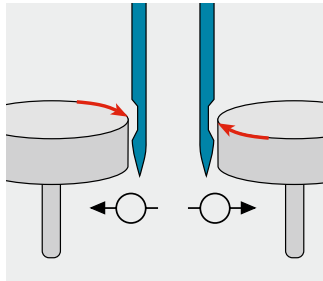
in a different appearance of the two seams. This can occur both on seams with a slanted stitch formation (LR cutting point) and on seams with straight stitch formation (S cutting point).

Solution

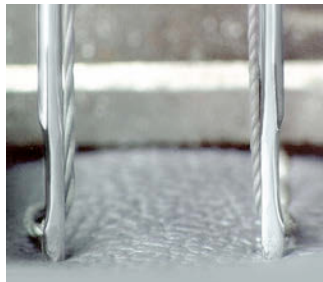
An improved seam appearance is achieved on both the SAN® 12 LR and the SAN® 12 S needle by aligning the cutting geometry precisely using a special flat on the shank. This results in uniform seams with both slanted or straight stitch formation.



Loop pick-up



Twist shifting



Using the SAN® 12 LR:

- For more uniform and matching appearance of the seams using slanted stitch formation
- Use only on the right needle

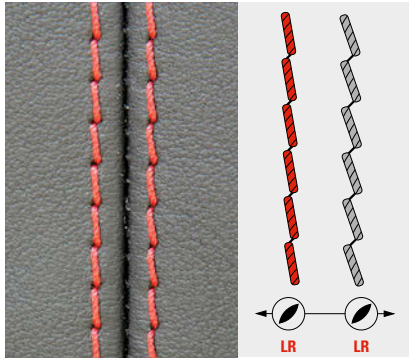


Using the SAN® 12 S:

- For more uniform and matching appearance of the seams using straight stitch formation
- Use on both needles

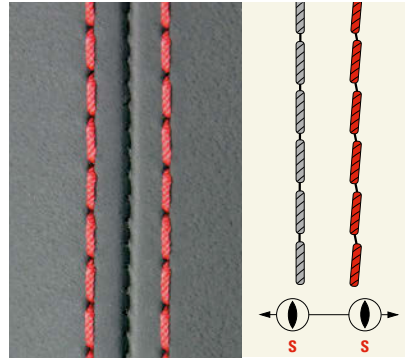


Seam appearance using standard needles



Standard LR cutting point

When using LR cutting points, the left seam usually looks less decoratively slanted than the right seam.

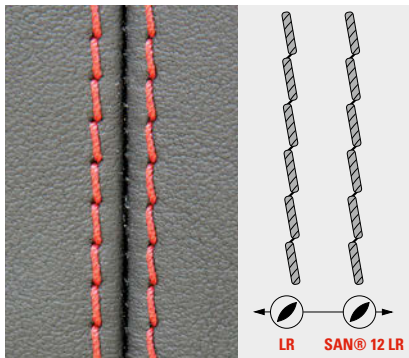


Standard S cutting point

When using S cutting points, the right seam usually looks less straight than the left seam.

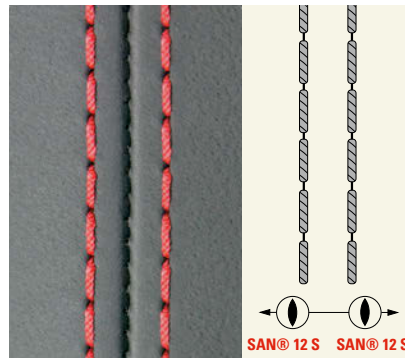


Seam appearance using SAN® 12 needles



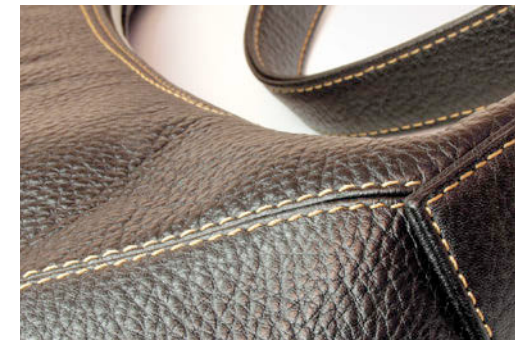
SAN® 12 LR cutting point

Uniform seam appearance when using the SAN® 12 LR on the right side



SAN® 12 S cutting point

Uniform seam appearance when using the SAN® 12 S on both sides



Perfect seam appearance – with the SAN® 12 needle from Groz-Beckert