



# Point styles for leather processing

The right needle point for the desired seam appearance

## Groz-Beckert KG







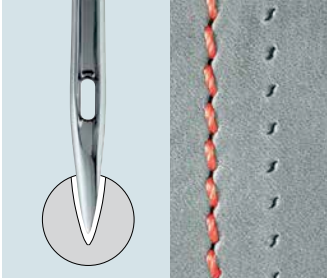
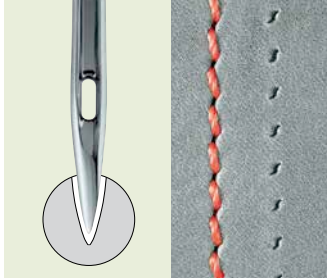
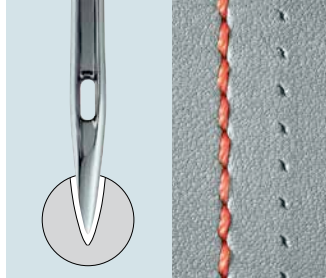
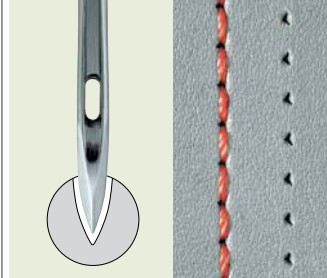
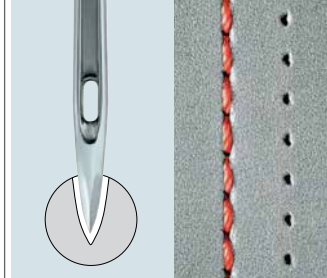
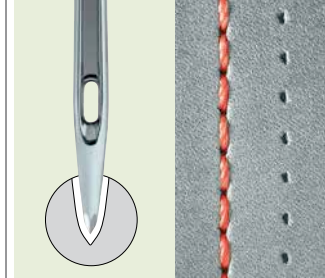
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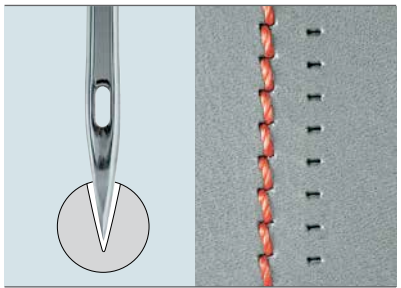
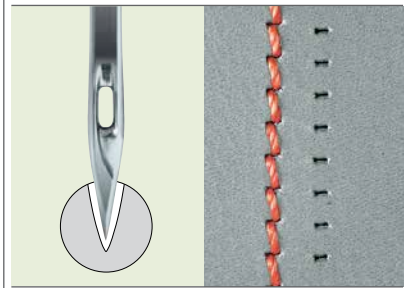
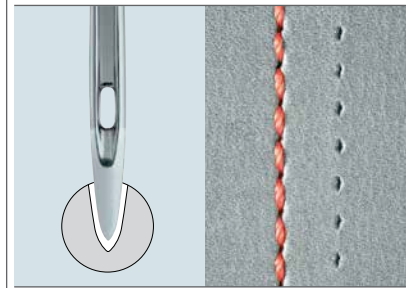
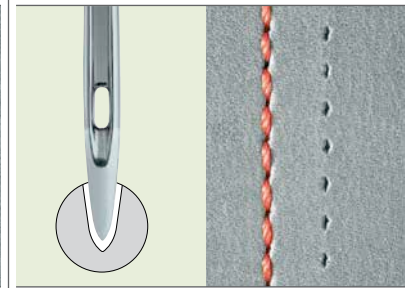
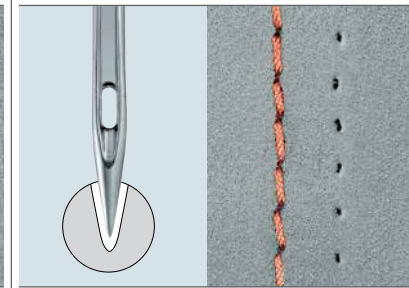
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### Name of the point and symbol with threading direction:

LR 	SAN® 12 LR 	LL 	D 	DH 	SD 
					
<ul style="list-style-type: none"> <li>■ Cuts the leather in the sewing direction at an angle below 45°, slanted to the right</li> <li>■ Thread: slight to moderate slant (leather-dependent), slightly elevated</li> <li>■ Stitch holes easily visible</li> <li>■ Suitable for short to medium stitches</li> </ul>	<ul style="list-style-type: none"> <li>■ Special application needle for 2-needle decorative seams</li> <li>■ Exact alignment of the cutting geometry through special shank surface - for uniform seams</li> <li>■ Use only on the right needle</li> <li>■ Point properties: see LR point</li> </ul>	<ul style="list-style-type: none"> <li>■ Cuts the leather in the sewing direction at an angle below 45°, slanted to the left</li> <li>■ Very straight seam position</li> <li>■ Thread slightly elevated</li> <li>■ Stitch holes largely filled</li> <li>■ Suitable for short to medium stitches</li> </ul>	<ul style="list-style-type: none"> <li>■ Wide triple-edge cut in leather</li> <li>■ Straight seam</li> <li>■ Thread slightly elevated</li> <li>■ Stitch holes are wide open</li> <li>■ Suitable for medium to long stitches</li> </ul>	<ul style="list-style-type: none"> <li>■ Medium triple-edge cut in leather</li> <li>■ Straight seam</li> <li>■ Thread slightly elevated</li> <li>■ Stitch holes are relatively wide open</li> <li>■ Suitable for medium to long stitches</li> </ul>	<ul style="list-style-type: none"> <li>■ Round point with polished triple cutting edges at the very end of the point</li> <li>■ Slightly triangular cut in leather</li> <li>■ Straight seam</li> <li>■ Thread slightly elevated</li> <li>■ Suitable for short to medium stitches</li> </ul>
<p><b>Application:</b></p> <ul style="list-style-type: none"> <li>■ Decorative lockstitch seams in soft to medium-hard leather</li> <li>■ Virtually all common types of leather</li> </ul>	<ul style="list-style-type: none"> <li>■ Decorative lockstitch seams in soft to medium-hard leather</li> <li>■ Virtually all common types of leather</li> <li>■ Twin lockstitch machines</li> </ul>	<ul style="list-style-type: none"> <li>■ Virtually all common types of leather</li> </ul>	<ul style="list-style-type: none"> <li>■ Hard and thick leather</li> <li>■ Also suitable for cardboard</li> </ul>	<ul style="list-style-type: none"> <li>■ Medium-hard and hard leather</li> </ul>	<ul style="list-style-type: none"> <li>■ Straight seam position (slightly irregular)</li> <li>■ Soft leather (clothing leather)</li> <li>■ Multi-directional applications</li> </ul>
<p><b>Example:</b></p> <p>Shoes, leather garments, upholstered furniture, bags, belts, car seats</p>	<p>Upholstered furniture, headrests, vehicle interiors</p>	<p>Shoes, bags, vehicle seats</p>	<p>Belts, suitcases, heavy shoes and synthetics</p>	<p>Upholstery industry, bags, shoes (also for tarps, awnings and tents)</p>	<p>Shoes, fine leather products, leather embroidery (also for foils and coated materials)</p>

Name of the point and symbol with threading direction:

<p>P </p>	<p>PCL </p>	<p>S </p>	<p>SAN® 12 S </p>	<p>R </p>
 <ul style="list-style-type: none"> <li>■ Cuts the leather perpendicular to the sewing direction at an angle below 90°</li> <li>■ Creates a prominent decorative effect on thick and hard leather due to the slanted thread position</li> <li>■ Thread very deep-set</li> <li>■ Stitch holes largely filled by the thread</li> <li>■ Suitable for very short stitches</li> </ul>	 <ul style="list-style-type: none"> <li>■ Cuts the leather perpendicular to the sewing direction at an angle below 90°</li> <li>■ Creates a prominent decorative effect on thick and hard leather due to the slanted thread position</li> <li>■ Thread very deep-set</li> <li>■ Stitch holes largely filled by the thread</li> <li>■ Suitable for very short stitches</li> </ul>	 <ul style="list-style-type: none"> <li>■ Cuts the leather in the sewing direction</li> <li>■ Straight seam</li> <li>■ Tight stitch formation with corresponding leather and stitch size</li> <li>■ Stitch holes are elongated and clearly visible in the seam</li> <li>■ Suitable for medium to large stitches</li> </ul>	 <ul style="list-style-type: none"> <li>■ Special application needle for 2-needle decorative seams</li> <li>■ Exact alignment of the cutting geometry through special shank surface - for uniform seams</li> <li>■ Use both on the left and on the right needle</li> <li>■ Point properties: see S point</li> </ul>	 <ul style="list-style-type: none"> <li>■ Standard round point; cloth point with no cutting effect</li> <li>■ Largely straight, somewhat irregular seam appearance</li> <li>■ Thread slightly elevated</li> <li>■ Suitable for medium to long stitches</li> </ul>
<p><b>Application:</b></p> <ul style="list-style-type: none"> <li>■ Seams with a prominent decorative effect and stay seams</li> </ul>	<ul style="list-style-type: none"> <li>■ Seams with a prominent decorative effect</li> <li>■ Stay and heel seams</li> </ul>	<ul style="list-style-type: none"> <li>■ Suitable for soft to medium-hard leather</li> </ul>	<ul style="list-style-type: none"> <li>■ Suitable for soft to medium-hard leather</li> </ul>	<ul style="list-style-type: none"> <li>■ Soft leather (clothing leather)</li> <li>■ Multi-directional applications</li> </ul>
<p><b>Example:</b></p> <p>Shoes, belts, upholstered furniture</p>	<p>Shoes, upholstered furniture, bags</p>	<p>Shoes, leather clothing, bags</p>	<p>Vehicle seats, upholstered furniture, headrests, vehicle interiors</p>	<p>Clothing, vehicle seats (also for foils and coated materials)</p>