

Diamond
Needle
Corp.



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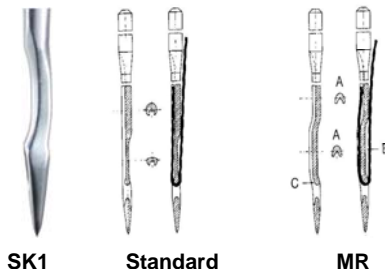
Introducing Organ needles for Quilting!

November, 2010

Round Shank needles

Crank form needles

Crank form needles have been around for over 40 years. By pushing the area of the scarf out, in the shape of a crank, the scarf becomes deeper and the point of the hook can get closer to the center of the thread loop. This reduces skipped stitches and thread breakage, especially in large hook machines. They are ideal for jeans, auto seats, leather products, tightly woven or heavy materials and multi-directional sewing like free arm quilting. Since the cross section of the needle is not noticeably reduced at the scarf as in a standard needle, crank form needles are usually stronger in the same size and will not break as easily as a standard needle.



SK1

Standard

MR

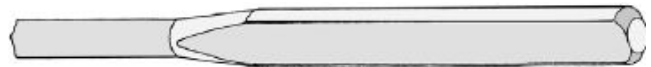
SK1:

SK1 crank-form needles offer significant improvements over the older crank-form design. They have a long, deep scarf with dual side scarves but a reduced crank to improve their performance.

- <> Great for multi-directional sewing
- <> Reduces skipped stitches
- <> Smaller needle holes
- <> Lower cost than MR

Flat shank Needles

Organ Needle Company produces many needle systems that are used in machine quilting. The following are Flat Shank needles for domestic sewing machines. These needles have a flat side ground on the shank to assure proper alignment with the point of the hook.



HLx5

This needle is made for sewing hard, thick or heavy materials. It's actually an industrial needle with a flat shank. It will sew through multiple ply applications like **quilting, jeans, applique** or **heavy embroidery**. If you are bending or breaking 15x1's this needle could solve your problem. These hard chrome needles will outlast a standard 15x1 and the PD/titanium needles are even more resistant to wear. They are available in either sharp or ball point with a hard chrome or PD/titanium finish.

15x1

15x1, HAx1, 130/705H, SY2020; This is the standard needle with a flat shank and a regular size eye for most home sewing machines; and home sewer based embroidery and quilting machines. It is widely available in a large range of sizes and prices with a sharp or ball point, also available with the PD/titanium finish.



WHITE
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*Organ makes needles for all types of sewing machines.
Organ makes the largest variety of needles for any
sewing application. Diamond Needle stocks the largest
selection of Organ needles for same-day shipment.*



You've got the need... We've got the needle!

#QN1110

Less Extreme Crank;

The smaller crank on the **SK1** reduces penetration resistance, decreases the size of the hole the needle makes in the fabric and still minimizes vibration. The smaller crank requires less modifications to the needle plate to avoid interference while still allowing increased room for adjusting the point of the hook.

Deep Scarf;

The **SK1** has a long, deep scarf to prevent skipped stitches. By allowing the point of the hook to be set closer to the center axis of the needle the thread can be picked-up even if the loop formation is incomplete. Because it has two side scarves the Organ **SK1** needle works well with vertical rotary hooks, horizontal rotary hooks, shuttle hooks or loopers.

Dual Side Scarves;

The **SK1** has two side scarves to help avoid contact with the point of the sewing hook or looper while maintaining the needle's cross section and strength. This allows a reduction in the size of the crank with enhanced performance.



SYSTEM	AVAILABLE SIZES	PRICE/100
15x1, HAx1, 705H	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110, 20/125	\$12.50
15x1, HAx1, 705H PD	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$49.50
HLx5	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$28.50
HLx5 PD	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$59.50
135x5, 135x7, 1955	8, 9, 10, 11, 12, 14, 16, 18, 19, 20, 21, 22, 23, 24, 25	\$17.25
135x5, 135x7, 1955 CS	10, 11, 12, 14, 16, 18, 19, 20, 21, 22, 23	\$21.50
135x5, 135x7, 1955 PD	9, 10, 11, 12, 14, 16, 18, 19, 20, 21, 22, 23	\$21.50
135x5SK1, 1955-01SK1	14, 16, 18, 19, 20, 21, 22, 23	\$26.50
135x5SK1BP, 1955-07SK1	14, 16, 18, 19, 20, 21, 22, 23	\$26.50
135x5SK1PD, 1955-01SK1PD	14, 16, 18, 19, 20, 21, 22, 23	\$32.50
135x17SK1	14, 16, 18, 19, 20, 21, 22, 23, 24	\$32.50
135x17SK1 BP	14, 16, 18, 19, 20, 21, 22	\$32.50
135x17SK1 PD	14, 16, 18, 19, 20, 21, 22, 23, 24	\$38.50
134-35R-SK1	90, 100, 110, 120, 125, 130, 140, 160	\$34.50
134-35R-SK1 BP	90, 100, 110, 120, 130, 140, 160	\$34.50
134-35R-SK1 PD	90, 100, 110, 120, 125, 130, 140, 160	\$39.50
16x257	8, 9, 10, 11, 12, 14, 16, 18, 19, 20, 21, 22, 23, 24	\$17.25
16x257 CS	9, 10, 11, 12, 14, 16, 18, 19, 20, 21, 22	\$21.50
16x257 PD	8, 9, 10, 11, 12, 14, 16, 18, 19, 20, 21, 22	\$21.50

PD/Perfect Durability /Titanium Finish;

Most Organ needles are available in standard chrome or **PD**/titanium longer wearing finish. The gold colored, titanium finish is more *wear-resistant* than chrome. Factory tests have shown that needles with the **PD**/titanium finish can retain their original shape and dimensions 3 to 5 times longer. This is very helpful when sewing large stitch patterns or penetrating abrasive, dense or tough materials. **PD** needle points will not wear down as fast as chrome plated needle points reducing defects due to "dulled" or "barbed" needle points and increasing productivity.



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