

# ORGAN<sup>®</sup> NEEDLES



## A SEWING MACHINE IS ONLY AS GOOD AS THE NEEDLE IN IT!

The Organ Needle Company works closely with all of Japan's sewing machine builders to design and manufacture needles for optimal performance. A machine builder cannot afford to buy an inferior needle at any price!

Next time you order replacement needles for your best machines, order the needles your machine builder uses. When you buy **ORGAN** needles for their outstanding performance, you also get their *low price* as a bonus.

Would any machine builder jeopardize his reputation by supplying an inferior needle with his machine? How much could he save, .10 or .20 per needle, \$1.00 or \$2.00 per machine? The price of a needle is not a factor to him – *PERFORMANCE is the factor!* Price is an added benefit, a bonus you always get with every box of **ORGAN** needles.

**ORGAN** needles are supplied with new machines from:

**Bernina, Brother, Elna, Husqvarna, Janome, Juki, Melco, Baby Lock, New Home, Poem, Riccar, Simplicity, Singer, Viking, White & more...**

After you've used-up the *free* needles packed with your new machine, which performed flawlessly, WHY change to a more expensive needle? What can you gain? How could any needle at any price be better than those made to the machine builder's specifications? How could a copy, even a more expensive copy, be better than O.E.M. specs?

ORGAN NEEDLES

## GUIDE TO SELECTING THE RIGHT NEEDLE

The Organ Needle Company works closely with some of the leading machine makers such as Janome and Brother. In this way, they have matched their expertise as the world's largest needle maker, with the particular needs of each machine builder. Realizing a machine is only as good as the needle in it, each machine maker wants to be sure to have the right needle design to enhance the performance of their machine.

We carry the largest variety of needles for sewing machines. While no one can prescribe a specific needle for any situation, we hope to explain the features of those we carry. With reasonable knowledge of the available needles, any operator can make educated decisions to deal with any sewing task.

**Diamond Needle Corp.**

November, 2010

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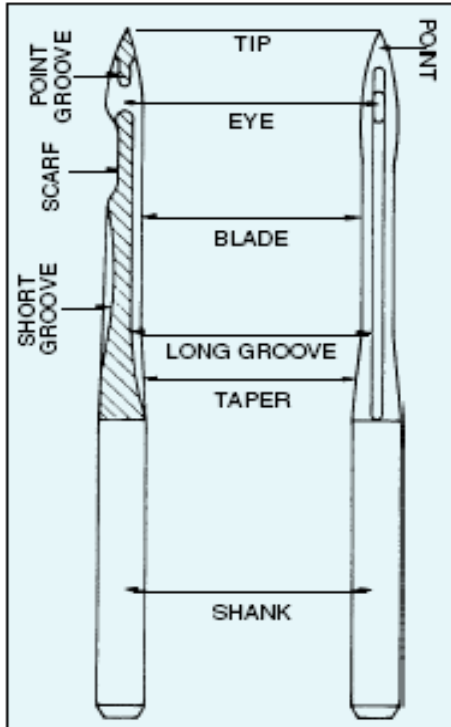
**WHITE  
DIAMOND**

**GUIDE TO SELECTING THE RIGHT NEEDLE**

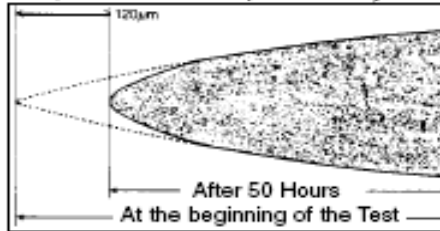
**BALL POINT:** Ball Point needles are designed to alleviate making holes in knit or loosely woven materials. The cross fibers which constitute the knit or loosely woven materials are relatively far apart as compared to those in tightly woven materials. When a needle with a standard "set" or "sharp" point encounters one of those fibers in penetrating the fabric, it cuts right through the fiber. This creates a hole in the fabric. The Ball Point needle pushes aside the fiber it encounters in penetration and thereby avoids making a damaging hole in the fabric. (It is also recom-

mended to use the thinnest possible needle for a particular fabric).

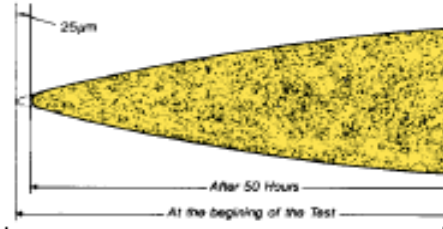
**PD (Perfect Durability):** PD needles have a titanium-nitride ceramic finish which makes them more wear-resistant than any other needles. When embroidering large stitch patterns or penetrating very abrasive, dense or tough materials the needle points and surface will maintain its original shape and dimensions 3 to 5 times longer. PD needle points will not wear down as fast as chromium plated needle points. The use of PD needles gives you longer needle life, fewer defects due to "dulled" needle points, and increased productivity.



Test of Wear with the Chrome Plated Needle



Test of Wear with the PD Needle



**FLAT SHANK NEEDLES**



**15x1:** HAx1, 130/705H, SY2020, SY2031, 206x15, PFX130, canu 22:15; 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 has one groove and a regular scarf. It is available in many sizes with a sharp or a ball point and a chrome or **PD**/titanium finish.

**15x1SP:** HAx1SP, HAx1KN; This is a special version of the 15x1 for **stretch** or **elastic** materials or tightly woven **knits**. It is made to higher standards, it has a 'snake's head' shape due to a combination of a slightly bulged eye and a slightly reduced blade above the eye.



The bulged eye opens a slightly larger space in the material and the thinner blade above the eye reduces contact between the material and the needle. This reduces friction and needle heating and prevents skipped stitches. It is available in regular (sharp) and ball point.

**15x1ST:** HAx1ST, 130/705H-E; This is a special version of the 15x1 for **embroidery** and **decorative stitching**. It is made to higher standards for smoother sewing. It has an oversized eye to reduce the stress and tension on delicate embroidery thread. It also accommodates metallic threads and makes needle threading easier. It is available in regular (sharp) or ball point and with chrome or **PD**/titanium longer wearing finish.

**HAx130 EBBR:** This needle was developed for use in the Brother PR-600 and Babylock EMB6 machines and the new 10 needle models (probably called PR-1000 and EMB10). It is an industrial quality needle with a flat shank, reinforced blade, light Ball Point and an oversized eye. It is available in a wide range of sizes with a hard chrome finish.

**HAx130N:** 130N; This special needle has a very long, almost double length, eye. It is made for **Top-Stitching** or **Decorative stitching** and will accept heavy or multiple threads. It can also be used for **embroidery** with **heavy, metallic threads**. It is available in chrome or **PD**/titanium finish.





# ORGAN NEEDLES



## Created with precision to serve all sewing demands

These needles have a flat side ground on the shank to assure proper alignment with the point of the hook. (Intended only for machines designed for Flat Shank needles).

### FLAT SHANK NEEDLES

For machines by: **Bernina, Brother, Elna, Husqvarna, Janome, Juki, Melco, Necchi, Baby Lock, New Home, Pfaff, Riccar, Simplicity, Singer, Viking, White & more...**

NEEDLE TYPE	DESCRIPTION	AVAILABLE SIZES	PRICE PER HUNDRED	USED FOR
15x1, HAx1, 130/705H	Regular Point	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110, 20/125	\$12.50	Standard
15x1, HAx1 BP	Ball Point	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$12.50	Standard
15x1, HAx1 PD	Regular Point, Titanium	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$49.50	Standard
15x1, HAx1 BP PD	Ball Point, Titanium	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$49.50	Standard
15x1SP	Regular Point, Elastic	11/75, 14/90	\$27.50	Elastic
15x1SP BP	Ball Point, Elastic	11/75, 14/90	\$27.50	Elastic
15x1ST, 130/705H-E	Regular Point, Large Eye	11/75, 12/80, 14/90	\$27.50	Embroidery
15x1ST BP	Ball Point, Large Eye	11/75, 12/80, 14/90	\$27.50	Embroidery
15x1ST PD	Reg. Pt., Lg. Eye, Titanium	11/75, 12/80, 14/90	\$59.50	Embroidery
15x1ST BP PD	Ball Pt., Lg. Eye, Titanium	11/75, 12/80, 14/90	\$59.50	Embroidery
15X2, 130/705H LL	Leather Point	11/75, 14/90, 16/100, 18/110	\$29.50	Leather
ELx705	Light Ball Point	11/75, 12/80, 14/90	\$34.10	Chain Stitch
HAX1KN	Slim, Ball Point	11/75, 14/90	\$27.50	Fine Knits
HAX130EBBR	Light Ball Point	9/65, 10/70, 11/75, 12/80, 14/90	\$39.50	PR-600, EMB6
HAX130N	Regular Point	12/80, 14/90, 16/100	\$39.50	Top Stitch
HAX130N PD	Regular Point, Titanium	12/80, 14/90, 16/100	\$59.50	Top Stitch
HAX130SPI	Slim, Sharp Point	8/60, 9/65, 10/70, 11/75, 12/80, 14/90	\$18.50	Micro-Fiber
HLx5	Regular Point	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$28.50	Quilting
HLx5 BP	Ball Point	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$28.50	Quilting
HLx5 PD	Regular Point, Titanium	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$59.50	Quilting
HLx5 BP PD	Ball Point, Titanium	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$59.50	Quilting

No. NDLKIT-FL-A (FLAT SHANK)

### ORGAN NEEDLE SAMPLER NEEDLE ASSORTMENT

*Contains a solution for most embroidery problems!*

When a problem job appears, you can have the correct needle on hand. This kit contains 20 packs (10 needles per pack) of different needles. The extensive assortment comes in a compact plastic storage box with important information about the different needles.

**Each kit contains:**

- 15x1 Regular Point #9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110;
- 15x1 Ball Point: #9/65, 10/70, 11/75, 12/80, 14/90, 16/100;
- 15x1 PD, Regular Point Perfect Durability #11/75;
- 15x1 BP PD, Ball Point Perfect Durability #11/75;
- 15x1 ST, Large Eye Regular Point #11/75, 14/90;
- 15x1 ST BP, Large Eye Ball Point #11/75;
- 15x1 SP, Elastic Regular Point #11/75, 14/90.



**ONLY \$43.90 PER KIT**

# Diamond Needle Corp.

November 1, 2010

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# ORGAN SERGER NEEDLES



System	Point	Sizes	Comments	Price/100
BLx1		9, 10, 11, 12, 14, 16, 18, 20, 21, 22		\$29.75
Blx1	BP	9, 10, 11, 12, 14, 16		\$29.75
BLx2N		11, 14		\$34.95
BLx4		11, 14	JLx2	\$38.95
DCx1F		9, 10, 11, 12, 14, 16, 18		\$44.90
DCx1F	BP	11, 14, 16		\$44.90
ELx705	BP	11, 12, 14	Cover Stitch, SY2922	\$34.10
JLx1		9, 10, 11, 12, 14, 16	SY2053	\$33.50
JLx1	BP	11, 14	SY2053	\$33.50
JLx2		11, 14	BLx4	\$38.95
SLx75		See SY2054		\$39.00
SY2053		See JLx1		\$33.50
SY2054		10, 11, 12, 14, 16	SLx75, 16x75	\$39.00
SY2054	BP	10, 11, 12, 14, 16	SLx75, 16x75	\$39.00
SY2922		See ELx705		\$34.10
TEx1		11, 14, 16		\$23.50



## PD Perfect Durability Needles:

Organ Needle Company has managed to combine the functionality of sewing machine needles with the latest technology of ceramic coatings. These new **PD** (*Perfect Durability*) needles have titanium-nitride layered on their surfaces to extend their productive life by as much as five times that of conventional needles.

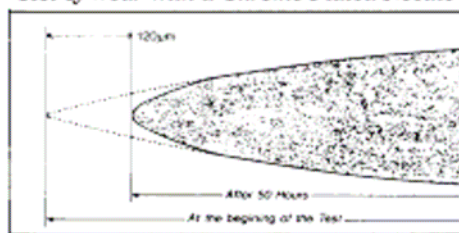
### Lasts Five Times Longer Than Chrome-Plated Needles

Productivity of automated embroidery equipment is limited by the life of their needles. **PD** titanium coated needles are significantly stronger than other needles while maintaining elasticity. This reduces needle breakage, bending and distortion. **PD** needles are more wear resistant than conventional chromium plated needles. **PD** needles provide *perfect* reliability and *durability* in prolonged stitching operations.

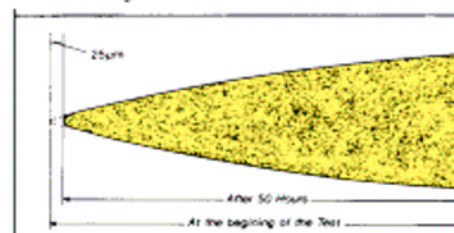
### Stronger at the Point of the Needle

Organ's process for making **PD** needles also strengthens the point of the needle. The point of a needle is exposed to high pressures causing needle wear and breakage. The strength of the needle has been reinforced while maintaining a perfect shape in order to provide greater wear resistance and durability.

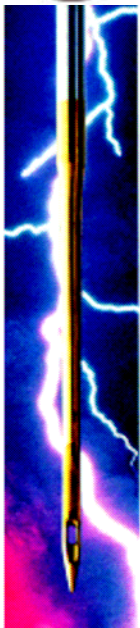
Test of Wear with a Chrome Plated Needle



Test of Wear with the PD Needle



Using **PD** needles means better quality stitches, less downtime, higher productivity and lower cost production.



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