

ORGAN NEEDLES

FSN/05



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?



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

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JUNE, 2005

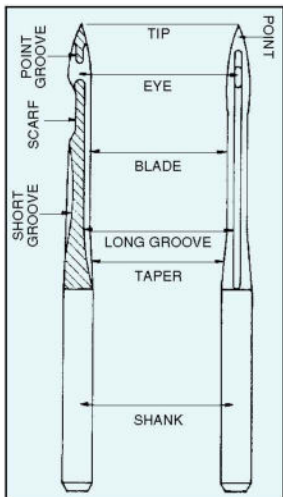
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GUIDE TO SELECTING THE RIGHT NEEDLE

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.



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 is widely available in a large range of sizes with a sharp or ball point, also available with PD/titanium finish.

15x1 SP: HAX1 SP; This is a special version of the 15x1 for **stretch** or **elastic materials** and **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 needle heat-up and prevents skip stitches. It is also available in a light ball point to separate the fibers rather than cutting them, avoiding needle holes in the fabric.

15x1 ST: HAX1 ST, 705H-E; This is a special version of the 15x1 for **embroidery** and **decorative stitching**. It is made to higher standards for longer life. It has an oversized eye to reduce stress and tension on the thread. It also accommodates metallic threads or heavier top stitching threads and makes needle threading easier. It is available in sharp or ball point, also available in PD/titanium finish.

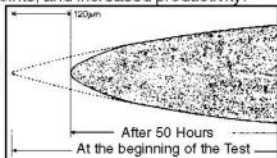
HAX130EBBR: This **NEW** needle was developed for use in the new Babylock EMB6 and Brother PR-600C machines. It is an industrial quality needle with a flat shank, reinforced blade, light Ball Point and an oversized eye. It is available with a hard chrome finish.

ELx705: This needle is made specifically for **cover stitching**. It has 2 grooves, a slightly longer scarf and a light ball point.

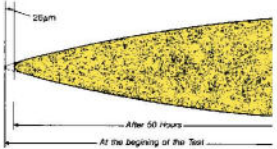
15x2: HAX2, HAX1LL, 130LR; This is the **leather** point needle with a flat shank. It has all of the same features as 15x1 with the addition of a lens shaped point to cut through leather and other heavy materials. Caution must be used when changing to this needle. Extra space must be left between needle penetrations to avoid 'cutting out' the design.

HLx5: This needle is made for sewing hard, thick or heavy materials. It will sew through multiple ply applications like **quilting, jeans, applique or heavy embroidery**. It is actually an industrial needle with a flat shank. 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 wear-resistant. They are available in either sharp or ball point with a hard chrome or PD/titanium finish.

Test of Wear with the Chrome Plated Needle



Test of Wear with the PD Needle



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WHITE DIAMOND



ORGAN NEEDLES



Created with precision to solve any sewing problem

FLAT SHANK NEEDLES

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).

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

NEEDLE TYPE	DESCRIPTION	AVAILABLE SIZES	PRICE PER HUNDRED
15x1, HAx1, 705H	REGULAR POINT	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110, 20/125	\$10.75
15x1, HAx1 BP	BALL POINT	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$10.75
15x1, HAx1 PD	REGULAR POINT, TITANIUM	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$45.00
15x1, HAx1 BP PD	BALL POINT, TITANIUM	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$45.00
15x1 SP	REGULAR POINT, ELASTIC	11/75, 14/90	\$25.00
15x1 SP BP	BALL POINT, ELASTIC	11/75, 14/90	\$25.00
15x1 ST, 705H-E	REGULAR POINT, LARGE EYE	11/75, 12/80, 14/90	\$25.00
15x1 ST BP	BALL POINT, LARGE EYE	11/75, 12/80, 14/90	\$25.00
15x1 ST PD	REG. PT., LG. EYE, TITANIUM	11/75, 12/80, 14/90	\$59.50
15x1 ST BP PD	BALL PT., LG. EYE, TITANIUM	11/75, 12/80, 14/90	\$59.50
15x2	LEATHER POINT	11/75, 14/90, 16/100, 18/110	\$27.00
ELx705	LIGHT BALL POINT	11/75, 12/80, 14/90	\$31.00
HAX130EBBR	REGULAR POINT	9/65, 10/70, 11/75, 12/80, 14/90	\$35.00
HLx5	REGULAR POINT	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$25.00
HLx5 BP	BALL POINT	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$25.00
HLx5 PD	REGULAR POINT, TITANIUM	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$59.50
HLx5 BP PD	BALL POINT, TITANIUM	9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110	\$59.50

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
\$32.95
PER KIT



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ORGAN SERGER NEEDLES



System	Point	Sizes	Comments	Price/100
BLx1		9, 10, 11, 12, 14, 16, 18, 20, 21, 22	Serger	\$26.00
BLx1	BP	9, 10, 11, 12, 14, 16	Serger	\$26.00
BLx2N		11, 14	Serger	\$31.00
BLx4		11, 14	Serger, JLx2	\$26.00
DCx1F		9, 10, 11, 12, 14, 16, 18	DCx1FL, Serger	\$44.90
DCx1F	BP	11, 14, 16	DCx1FL, Serger	\$44.90
ELx705	BP	11, 12, 14	Cover Stitch, SY2922	\$31.00
JLx1		9, 10, 11, 12, 14, 16	Serger, 2053	\$26.00
JLx1	BP	11, 14	Serger, 2053	\$26.00
JLx2		11, 14	Serger, BLx4	\$26.00
SLx75		see SY2054		\$31.00
SY2053		see JLx1		\$26.00
SY2054		10, 11, 12, 14, 16	SLx75, Singer Serger, 16x75	\$31.00
SY2054	BP	10, 11, 12, 14, 16	SLx75, Singer Serger, 16x75	\$31.00
TEx1		11, 14, 16	Serger	\$21.20



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.

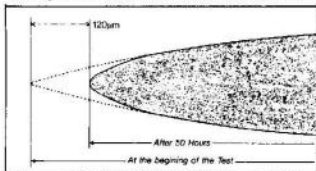
Lasts Five Times Longer Than Chrome-Plated Needles

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.

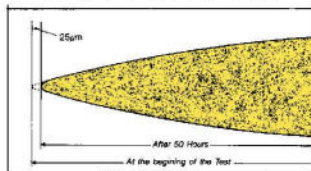
Stronger at the Point of the Needle

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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