Organ Needle Guide

A guide for selection of Organ Brand Needles

**General Information on Needles**

**Flat Shank:** Needles with a flat side on the back of the needle. These are most commonly used in home sewing, embroidery and serging machines.

**Needle Size:** Sizes like 11/70 or 14/90 refer to needle size. The larger the number the heavier duty the needle is. A size 11 needle is good for light to medium weight fabrics while a size 14 is better suited for heavier fabrics like denim. It is recommended to always use the thinnest needle possible for your particular fabric.

**Sharp vs. Ball Point:** Sharp needles are made for woven materials (ex: quilting cottons, denim). Ball point (BP) needles are made for knits (ex: jersey, interlock). They are designed to alleviate making holes in the material. A Ball Point needle pushes aside the fibers in the material. This prevents a damaging hole from being created.

**Needle Material:** PD/Titanium Finish vs. Chrome Plated (Regular) Needle. The PD needles have a titanium-nitride ceramic finish which makes them more wear-resistant than other needles. When embroidering large stitch patterns or penetrating very abrasive, dense or tough materials the needle points and surface with maintain its original shape and dimensions 3-5 times longer than a normal needle. PD needle points will not wear down as fast as chromium plated needle points.

Still unsure or have questions? Email us at hello@mjsewingvinyl.com

Find these NEEDLES and MORE at

www.MJ Sewing Supply.com
**Flat Shank Needles**

**15x1**

HAx1, 130/705H, SY2020, SY2031, 206x15, PFx130

This needle is the standard needle with a flat shank and regular sized eye for most home sewing machine. It is widely available in a large range of sizes with a sharp or ball point, also available in PD/titanium finish.

Available in sizes: 9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110, 20/125

**15x1 ST**

HAx1 ST, 705H-E

This is a special version of the 15x1 for embroidery or decorative stitching. It is made to a higher standard for longer life. It has an oversized eye to reduce stress and tension on the thread. It also accommodates metallic threads or heavy top stitching threads and makes needle threading easier. It is available in sharp or ball point, also available with PD/titanium finish.

Available in sizes: 11/75, 12/80, 14/90

**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. It is available in sharp or ball point.

Available in sizes: 11/75, 14/90

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**Organ needles are excellent quality needles with an excellent price!**

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**HAx130EBBR**

This needle was developed for use in the new Babylock Professional and Brother PR Series embroidery 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.

Available in sizes: 10/70, 11/75

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**ELx705**

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

Available in sizes: 11/75, 12/80, 14/90

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**INDUSTRIAL MACHINE NEEDLES**

**DB-K5**

The DB-K5 needle has a one size larger eye than that found in a 16x257 needle. For example, a DB-K5 size 10/70 needle has an eye which is at least as large as the eye in a 16x257 size 12/80. Unlike sewing thread used for general apparel sewing, embroidery threads are “fluffier” and have less tensile strength. A larger needle eye, without increased blade diameter, allows the embroidery thread to pass easily through the needle’s eye without fraying or snapping.

Available in sizes: 8/60, 9/65, 10/70, 11/75, 12/80, 14/90, 16/100, 18/110

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