

# Needles

**Needle Options: Choosing the Correct One**  
Fabric, Thread Type and Design Sizes Will Determine Which Needle to Use.

65/9	75/11	80/12	90/14	100/16
Classic Rayon #60	Classic Rayon #40	Classic Rayon #40	Supertwist #30	Classic Rayon #12
Classic Rayon #40	Classic Rayon #30	Classic Rayon #30	FS #30	Burmilana #12
Polyneon #60	Polyneon #40	Polyneon #40	FS #35	Supertwist #12
Polyneon #40	Frosted Matt #40	Fire Fighter #40	FS #45	FS #15
Glow #40	FS #40	X.tra #30		FS #20
Frosted Matt #40	FS #45	FS #45		
FS #50	FS #50			

## Types of Needles & Markings on Needle Packs

DBXK5= This is the Common code for standard embroidery needle Series.

DBXK5 KK = This needle is for Caps and Metallic thread ,the shank is shorter than a normal DBXK needle.

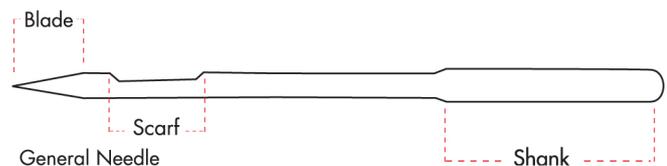
BP/FFG/SES = (Light Ball point) This type of needle has a rounded point to prevent cutting into the fabric when embroidering. They are used for knitted fabrics such as t-shirts,lingerie,fleece,sweatshirt material and fine knits.

SP/RG = (Sharp point) Sharp point needles have a sharp point to allow the needle to cut through tightly woven fabrics when embroidering.They are used for standard woven fabrics, twill, denim, canvas, caps and broadcloth.

**Large Eye** needles will accommodate a wide range of thread sizes without increasing the thickness of the needle. Your embroidery machine can run faster with fewer thread breaks and easier needle threading.

**Round Shank** needles have a round shank and are commonly used on Commercial embroidery machines.

**Flat sided** needles are a flat on one side of the shank and are commonly used on Home/non -commercial embroidery machines.



When embroidering onto fabrics that are tightly woven or heavy weight such as canvas, denim, leather, terrycloth and caps, it is recommended that a sharp needle be used. Ballpoint needles are recommended when embroidering onto knits and other knit fabrics, such as t-shirts, golf shirts, piques and fleece.

The smaller the needle used, the smaller the penetration hole. Using the smallest needle recommended for each thread type will give you the optimal, best looking design. It is recommended that new embroiderers use the larger or middle sized needle recommended. As you gain more experience, moving down to the smaller needle may improve the look of your embroidery.

### Here is a Quick Guide of the most common Needles used throughout the Embroidery industry!

Standard Embroidery Needle for Woven Fabric is DBXK5 #75/11 (RG)= Sharp Point.

Needle for knitted Fabric is DBXK5 #75/11 (FFG/SES)= Light Ball point.

Needle for Metallic threads DBXK5 KK #75/11 (KK)= Size may vary by thread thickness when using Metallic thread. Check Manufacturers suggestion.

Needles for Caps and 3D Foam . DBXK5 KK #(KK)= This needle has a shorter shank which helps in sewing with extra thick Fabrics.

Home /Non commercial embroidery needle with a flat side is (130/705 H FG)(SES)= Light Ball Point #75/11