

# Professor T.H. Read's

## ☆ Lessons in Carefree Embroidery ☆



### Needle Options: Choosing the Correct One

*Fabric, Thread Type and Design Sizes Will Determine Which Needle to Use.*

#### Which Needles to Use With Madeira Thread

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

**BP / FFG / SES = Ballpoint** needles have 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 finely knit sweaters.

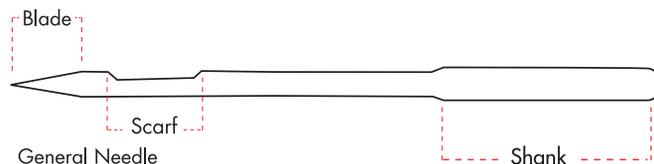
**SP / RG = Sharp Point** needles have a sharp point to allow the needle to cut through tightly woven fabrics when embroidering. They are used for standard woven fabrics, twill, denim, canvas, caps and broadcloth.

**FG/SUK = This Ballpoint** needle is used for heavier or thicker threads.

**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 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, picques 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 size needle recommended. As you gain more experience, moving down to the smaller needle may improve the look of your embroidery.

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