



HAYES SEWING MACHINE CO

4425 Concord Pike, Wilmington, DE 19803

Phone—302-764-9033

Email—trevhayes@aol.com

Website—www.trevhayes.com



Machine Needle Magic



General Needles

Standard Needle (Universal) - Used for woven synthetic and natural fibers.

60/8—Very fine needle \ sheers, chiffon, silks

70/10—Fine needle \ blouse weight polyester, silks, batistes

80/12—Most used needle \ cotton calico, rayons, blends

90/14—Mid-heavy needle \ bottom weight fabrics, wools, raw silks

100/16—Heavy needle \ denim, duck, cloth

110/18—Very heavy needle \ canvas, tapestry

120/19—WOW! Extremely heavy needle \ boat canvas, luggage



Ballpoint Needle—Used for knit fabrics

70/10—Fine needle \ lingerie, nylon tricot, single knit

80/12—Medium needle \ T-shirt knits, interlock, sweatshirt

90/14—Heavy needle \ fake fur, some sweater knits

Specialty Needles

Stretch Needle—This needle is a super ballpoint needle. It is used for more difficult knit fabrics.

Has a special eye and scarf.

75/11—Fine Needle \ Great for swimwear, lycra, elastics, ultrasuede

90/14—Heavy needle \ Fake fur



Embroidery Needle—This needle is used for use with rayon embroidery threads. It minimizes the shredding of these fragile threads.

75/11—Fine needle \ finer fabrics and finer embroidery threads

90/14—Heavier needle \ sweatshirts, towels and heavier threads

Quilting Needle—This needle will not pull your batting through your quilt top, eliminating “Pilling.”

Available in 75/11 and 90/14

Metallic Needle—This needle has an extremely large eye to prevent shredding.

80/12—Medium needle \ Cottons

90/14—Medium heavy needle \ sweatshirts, towels and heavier threads

Handicap Needle—This self-threading needle is great for teaching kids to sew and for the “visually challenged.”

Available in 90/14 only.

Leather Needle—This needle has a special cutting point that makes it great for leather, vinyl and plastics

90/14—Mid-heavy needle \ lightweight soft leather or vinyl

100/16—Heavy needle \ mid-weight leather

110/18—Very heavy needle \ belting

Denim Needle—This needle has an extra fine, sharp point that pierces dense fabrics more easily. Also, the lighter sizes are used to achieve the “perfect” straight stitch. Reinforced blade.

70/10—Fine needle \ silks

80/12—Medium needle \ cottons

90/14—Med-heavy needle \ linens

100/16—Heavy needle \ denim, canvas

110/18—Very heavy needle \ canvas, tapestry



Topstitching Needle—This needle is great for topstitching with heavier threads or those who want a bigger eye in their needle.

80/12—Great for creating “hand-look” blanket stitches with two embroidery threads

90/14—Good for topstitching with heavier decorative threads, particularly for machine quilting with decorative threads

100/16—Most commonly used topstitching needle, use with topstitching thread for jeans

110/18—Wow! Super heavy. Great for outdoor fabrics like canvas

Sharp needle—These light weight needles are great for “microfibers” and silk type fabrics.

60/8—for extremely light weight sheers

70/10—for light weight silk and silk-type fabrics

80/12—for medium weight fabrics

90/14—for heavier peachskin polyesters

Double Needle—This needle has two needles on one shank and has a variety of uses including topstitching, pintucking, and decorative stitch work.

1.6/80—pintucking

2.0/80—pintucking, decorative stitches

2.5/80—pintucking on linen, decorative stitching, narrow topstitching

3.0/90—pintucking on wools, topstitching

4.0/80—wide topstitching on light to medium weight fabrics

4.0/90—wide topstitching on medium weight fabrics

4.0/100—wide topstitching on denim

6.0/100—extra wide topstitching for heavy fabrics (**make sure this needle will fit down the needle plate hole in your machine**)

8.0/100—super wide topstitching for heavy fabrics (**make sure this needle will fit down the needle plate hole in your machine**)

Stretch Double Needle—Double needle specifically designed for knit materials

2.5/75—narrow topstitching on knits

4.0/75—wide topstitching on knits

Triple Needle—This needle has three needles on one shank. Its main use is for decorative topstitching

2.5/80—Narrower

3.0/80—Wider

Titanium Needles—Long lasting embroidery needle helps prevent thread shredding.

Sharp Needles

65/9—extra fine fabrics \ fine silks, heirloom linens, lame, organdy or similar

70/10—fine fabrics \ bridal satin, silk, linen, batiste

75/11—Medium to fine weight wovens \ cottons, poly/cotton blends

80/12—Medium to heavy weight \ chambray, trigger

90/14—heavy woven \ canvas, denim

Ball Point

65/9—extra fine knits \ lightweight ribbing, silk knits, delicate stretch fabrics

70/10—fine knits \ light weight jersey

75/11—medium to fine weight \ pique, jersey

80/12—medium to heavy weight \ interlock knits, fleece knits

90/14—heavy weight knits \ velour knits, heavy fleece