



RECOMMENDED NEEDLE SIZES

THREAD TYPE	RECOMMENDED NEEDLE SIZE	
	DOMESTIC MACHINE	LONGARM MACHINE
COTTON – 28 OR 30 WT (AURIFIL, SULKY...)	90/14 TOPSTITCH, QUILTING OR DENIM	
COTTON – 40 WT (KING TUT, SIGNATURE, AURIFIL...)	90/14 TOPSTITCH	18
COTTON – 50 WT (AURIFIL, KONFETTI, METTLER...)	80/12 MICROTEx 80/14 QUILTING 80/12 TOPSTITCH	16
COTTON – 80 WT	70/10 OR 80/12 MICROTEx	
POLYESTER – 40WT (GLIDE, MAGNIFICO, SO FINE, FABULUX, MASTER QUILTER...)	80/12 TOPSTITCH	16
POLYESTER – 60 WT (GLIDE, BOTTOM LINE...)	70/10 TOPSTITCH	14 OR 16
POLYESTER – 80 WT (DECO BOB...)	80/12 TOPSTITCH 70/10 OR 80/12 MICROTEx	16
POLYESTER – 100 WT (MICRO QUILTER, INVISIFIL...)	70/10 OR 80/12 MICROTEx	14 OR 16
* The information in this chart is meant as a general guideline. Always test on your machine to see which needle/thread combination works best for you.		

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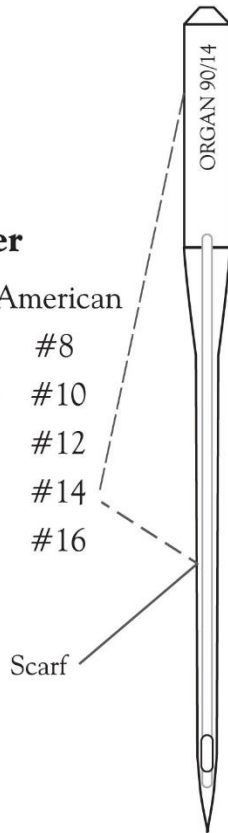
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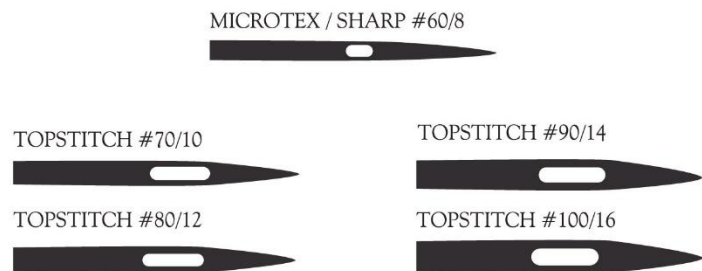
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Needle Diameter

mm	Nm	American
0.6 x 100 = 60	=	#8
0.7 x 100 = 70	=	#10
0.8 x 100 = 80	=	#12
0.9 x 100 = 90	=	#14
1.0 x 100 = 100	=	#16



● Needle Size / Diameter



In 1942 standard needle sizes were put in place and a metric size designation under the abbreviation Nm (Number Metric) was introduced. It indicates the diameter of the needle blade in hundredths of a millimeter measured above the scarf. For example, an Nm 90 needle is .9 millimeter in diameter, while a Nm 60 needle is .6 millimeter in diameter.

The alternative standard needle sizing method is the Singer/Asia numbering system sometimes referred to as the American system that uses a number that represents a size. For example an Nm 90 needle is designated as a #90/14.

LINKS TO THREAD COMPANIES

AURIFIL	https://www.aurifil.com/aurifil-thread-faq
WONDERFIL	https://www.wonderfil.ca/products
SUPERIOR	https://www.superiorthreads.com/
HAB +DASH (GLIDE)	https://www.habanddash.com/top-thread.html
SULKY	https://www.sulky.com/resources/
METTLER	https://www.amann-mettler.com/en/products