

Needle Know-How

The Standard Embroidery Needle - DBxK5-NY 75/11 (S) SES

Almost 90% of all embroidery projects can easily be accomplished with this standard needle, with absolutely perfect stitch results. It is the ideal needle for different thread strengths (40 and 30) and it facilitates knotting and hassle-free threading during thread change.

Another crucial detail of the embroidery needle is the point!

Pointed round tips (R) are ideal for firm fabrics, but would damage fine stitches and tear the fabric. That's why there are ball points (S and B) that don't penetrate the fabric, but glide past the fibers.

Needle Guide		WOVEN FABRIC (firm)					WOVEN FABRIC (stretchy)		WOVEN FABRIC (fine)	KNITTED FABRIC					SPECIALTIES			
		150 g/m²	150 - 350 g/m²	>350 g/m²			150g/m²	150 - 350 g/m²	Chiffon, Silk	150 g/m²	150 - 350 g/m²				Solid Surfaces	Applique	Lace/ FSL	Terry Cloth
		Shirt/ Dress	Blazer/ Coat	Denim/ Work-wear	Caps	Horse Blanket/ Car Mats			Scarf/ Curtain	Under-wear	Polo/ T-Shirt/ Jersey	Fine Knit	Chunky Knit	Fleece/ Sweat-shirt	(Artificial-) Leather/ Vinyl			Towel
Recommended Point:		R	R	R	R (TN)	R (TN)	S	S	SPI	S	S	S	B	B	SMALL S		S	S
Alternative Point:		SPI	S	Q	Q	Q	R	R	R	Q	Q	Q	S	S	S R		Q	Q
Thread Weight																		
60	POLY		60	60	60	60-75	/	60	60	60	60	60	60	60	75	60-70	60	60-75
40	SULKY® POLY POLY FIRE POLY FLASH GLOWY INVISIBLE	→	65-75	75	75-80	75-80	80-90	65-75	75	65-75	65-75	75-80	75-80	75-80	65-80	65-75	65-75	65-80
40	METY 7/2 *		75	75	75-80	75-80	/	75	75	75	75	75	75	75	75-80	75	75	/
30	COTTY		75	75-80	80	80-90	90	75	80	75	75	80	80	80	75-80	75	75	75
30	METY 5/2 * GLITTER POLY SPARKLE		75	75-80	80	80-90	/	75	80	75	/	75	80	80	75-80	75	75	75
30	REFLEX CRY	→	80	80	80-90	80	/	80	80	/	/	80	90	90	/	80	80	/
12	FILAINE		90	90	90	/	/	90	90	/	/	90	90	90	/	90	90	90

Legend:

- R: The needle with a regular round point is suitable for tightly woven fabrics such as denim, twill, corduroy, ...
- SPI: Slim Sharp Point for fine fabrics.
- S/SES: The light/medium ball point is the standard needle point for light and heavy fabrics, dense knitwear, fleece and terry cloth. Economical if the materials to be embroidered change frequently.
- B/SUK: The needle with a medium/large ball point is suitable for loose knitwear, knitted fabrics and thick sweatshirt fabrics. The large ball point pushes the fibers apart and guarantees clean embroidery on loosely knitted fabric.
- Q/Z1: The "Q-ball point" needle has a round point with a small ball point that prevents damage and thread breakage by avoiding contact with the rotating hook.

Extras:

- TN (Titanium Nitride): Extra titanium coating for heavy use, the needle point lasts longer.
- *Metallic needle DBx7ST: Extra large eye for processing metallic thread