

NEEDLE SELECTOR

How to find the right needle for your project:

1. What kind of fabric do you want to embroider (woven or knit)? This determines the **type of tip** to be used.

2. Which thread type and count do you want to embroider with? This determines the **size/diameter of the needle** to be used.

There are many possible combinations of embroidery threads and fabrics. If the recommended needle doesn't lead to a successful embroidery result, please try again with a different size and/ or tip.

1.

For textiles with a firm, closed surface such as leather, artificial leather and coated textiles such as shoes, biker jackets, backpacks and dog leashes

Universal tip for woven fabrics such as workwear, shirts, quilted jackets, caps, saddle pads

For all stretchable and elastic materials such as polo shirts, stretch jeans, sweatshirts and hoodies

For all coarse knitwear such as socks, jumpers, hats, scarves, woollen blankets

2.

Form of tip	DBxK5 system	R (R)	RG (Q)/ RG SAN1	FFG (J)	FG (B)
	130/705 H system	-	Universal	Gold	Jersey/FG
Product Please note: the manufacturer Organ's tip identification is indicated by the green letters.					
Viscose	Classic 60	60/8 - 65/9	60/8 - 65/9	60/8 - 65/9	
	Classic 40	65/9, 75/11	65/9 - 75/11	65/9 - 75/11	
	Classic 30	75/11	75/11	75/11	
Polyester	Polyneon 75	60/8	60/8	60/8	
	Polyneon 60	60/8 - 65/9	60/8 - 65/9	60/8 - 65/9	
	Polyneon Green/40/FR	60/8 - 65/9, 75/11	60/8 - 75/11	60/8 - 75/11	
	Frosted Matt 40	60/8 - 65/9, 75/11	60/8 - 75/11	60/8 - 75/11	
	Frosted Matt 30	75/11	70/10 - 80/12	70/10 - 80/12	
Lyocell	Sensa Green	65/9, 75/11	65/9 - 75/11	65/9 - 75/11	
Wool blend	Burmilana 12 / CO		100/16		100/16
Aramid	Fire Fighter	75/11	75/11 - 80/12	75/11 - 80/12	
Metallic	CR 40	65/9, 75/11	65/9 - 75/11	65/9 - 75/11	
	CR 20	90/14	90/14	SAN8 80/12 - 90/14	
	FS 50	65/9, 75/11	65/9 - 75/11	65/9 - 75/11	
	FS 40	65/9, 75/11	65/9 - 75/11	65/9 - 75/11	
	FS 30	90/14	90/14	SAN8 80/12 - 90/14	
	FS 20		100/16	100/16	100/16
	Supertwist 30	90/14	90/14	SAN8 80/12 - 90/14	
Speciality threads	Luna	75/11	75/11 - 80/12	75/11 - 80/12	
	Reflect	75/11, 90/14	75/11 - 90/14	75/11 - 90/14	
	Monolon	65/9	65/9	65/9	

Article # DBxK5 system (round shank)

Form of tip	R (R)	RG (Q)/RG SAN1	FFG (J)	FG (B)
Size of needle				
55/7	028055 (DBx1 system)			
60/8		021060RG		
	021060R	022060RG*	021060HR	
65/9		021065RG		
		022065RG*	021065HR	
	021065R	028065Q	028065J	
70/10		021070RG		
		022070RG*	021070HR	
		021075RG	021075HR	
75/11		022075RG*	028075J	
	021075R	028075Q	028075S ***	
		021080RG		
80/12		022080RG*	021080HR	
			023080HR**	
90/14	021090R	021090RG	021090HR	
100/16		021100RG		021100FG

Article # 130/705 H system (flat shank)

Form of tip	Universal / RG	Gold / FFG (J)	Jersey / FG
Size of needle			
60/8	024060RG		
65/9	024065RG		
70/10	024070RG		
75/11		024075SES	
	024075RG	029075J	
80/12	024080RG		
	024090RG		
90/14	024100RG		
100/16			024100FG
			024100SUK

* SAN1 = special coating for higher wear resistance
 ** SAN8 = large needle eye
 *** S tip = narrower version of FFG (J) tip; part from eye to tip is narrower