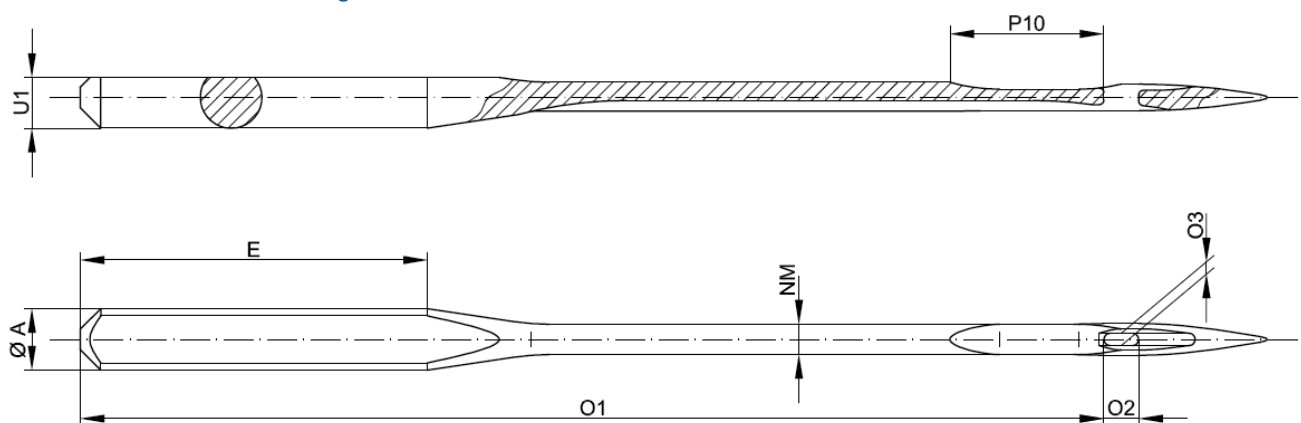




## Comparison of household sewing machine needle features





The Universal Needle is often used as a standard needle for all types of sewing projects because it allows easy processing of many materials. For those who sew a lot and place greater demands on seam quality, SCHMETZ offers a diverse range of special household sewing machine needles. The needle designations already provide indications on the respective fields of application. This overview additionally shows detailed information on the characteristics of household sewing machine needles compared to the Universal Needle.

### Basic characteristics of sewing machine needles



**SCHMETZ**

Comparison of household sewing machine needle features

Canu	System	Features											Needle size									
		Needle type	Shank diameter A	Butt to eye O1	Eye length O2	Eye width O3	Scarf	Transition scarf to eye	Flatte-ning U1	Point style	Surface	Special feature	NM 60	NM 65	NM 70	NM 75	NM 80	NM 90	NM 100	NM 110	NM 120	NM 130
22:15 2	130/705 H	Universal Needle	2.04	33.9	regular	regular	regular	regular	regular	regular	slightly rounded	nickel		•	•	•	•	•	•	•	•	•
22:15FB2	130/705 H SUK	Jersey Needle	2.04	33.9	regular	regular	regular	regular	regular	regular	medium ball point	nickel			•		•	•	•			
22:80FB2	130/705 H-S	Stretch Needle	2.04	33.9	shorter	narrow	deeper	special	reduced	reduced	medium ball point	nickel		•		•		•				
22:82FB1	HAX1 SP	Super Stretch Needle	2.04	33.9	shorter	wide	special	special	reduced	reduced	medium ball point	chrome	reinforced blade, enlarged eye and groove	•		•		•				
22:30FB2	130/705 H-J	Jeans Needle	2.04	33.9	regular	regular	regular	regular	regular	regular	medium ball point	nickel	reinforced blade			•		•	•	•	•	
22:31MA2	130/705 H-M	Microtex Needle	2.04	33.9	regular	regular	regular	regular	regular	regular	slim acute point	nickel	NM 60+70 reinforced blade	•		•		•	•	•	•	
22:15AS2	130/705 H LL	Leather Needle	2.04	33.9	regular	regular	regular	regular	regular	regular	cutting point LL (twist point)	nickel			•		•	•	•	•	•	•
22:32 2	130/705 H-Q	Quilting Needle	2.04	33.9	regular	regular	regular	regular	regular	regular	slightly rounded, special taper	nickel	NM 75 reinforced blade			•		•				
08:90 2	130 N	Topstitch Needle	2.04	33.5	2.00 mm	regular	regular	regular	regular	regular	slightly rounded	nickel			•		•	•	•	•		
08:91 2	130 MET	Metallic Needle	2.04	33.5	2.00 mm	regular	regular	regular	regular	regular	slightly rounded	nickel				•	•					
22:70EB2	130/705 H-E	Embroidery Needle	2.04	33.9	larger	wide	regular	regular	regular	regular	light ball point	nickel			•		•					
22:70EB9	130/705 H-ET	Gold Embroidery Needle	2.04	33.9	larger	wide	regular	regular	regular	regular	light ball point	titanium nitride			•		•					
22:85 8	130/705 H-SU	Super Universal Needle	2.04	33.9	larger	wide	deeper	special	regular	regular	slightly rounded	Ni-P-PTFE	reinforced blade, enlarged eye and groove, anti-adhesive surface			•		•	•	•		
99:95 2	130/705 H SPR	Embroidery Spring Needle	2.04	33.9	regular	regular	regular	regular	regular	regular	slightly rounded	nickel	spring as sewing foot 				•					
22:20 2	130/705 H WING	Hemstitch Needle	2.04	33.9	shorter	narrow	regular	regular	regular	regular	slightly rounded	nickel	blade extended as wing 						•		•	
22:16 2	705 DE	Double Eye Needle	2.04	31.8 and 33.9	regular	wide	without	-	regular	regular	slightly rounded	nickel	two eyes 				•					
21:37 2	705 HDK	Quick Threading Needle	2.04	33.9	shorter	regular	without	-	regular	regular	slightly rounded	nickel	left eye wall open 				•	•				



**For further information on household needles, please contact:**

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