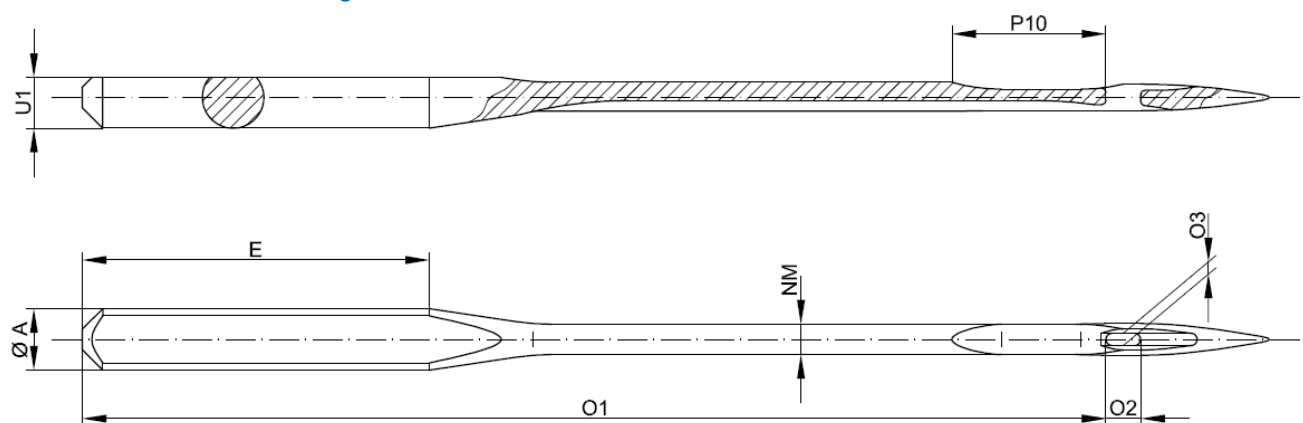




Comparison of household sewing machine needle features

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

Features

System	Needle type	Shank diameter A	Butt to eye O1	Eye length O2	Eye width O3	Scarf	Flattening U1
130/705 H	Universal Needle	2.04	33.9	regular	regular	regular	regular
130/705 H SUK	Jersey Needle	2.04	33.9	regular	regular	regular	regular
130/705 H-S	Stretch Needle	2.04	33.9	shorter	narrow	special	reduced
HAX1 SP	Super Stretch Needle	2.04	33.9	larger	wide	regular	reduced
HAX1 SP SU	Black Super Stretch Needle	2.04	33.9	larger	wide	regular	reduced
130/705 H-J	Jeans Needle	2.04	33.9	regular	regular	regular	regular
130/705 H-JT	Gold Jeans Needle	2.04	33.9	regular	regular	regular	regular
130/705 H-M	Microtex Needle	2.04	33.9	regular	regular	regular	regular
130/705 H-SU XS	Black Super Fine Needle	2.04	33.9	shorter	regular	special	regular
130/705 H DH	Leather Needle DH	2.04	33.9	regular	regular	regular	regular
130/705 H LL	Leather Needle LL	2.04	33.9	regular	regular	regular	regular
130/705 H-Q	Quilting Needle	2.04	33.9	regular	regular	regular	regular
130/705 H-N	Topstitch Needle	2.04	33.5	2.00 mm	regular	regular	regular
130/705 H-MET	Metallic Needle	2.04	33.5	2.00 mm	regular	regular	regular
130/705 H-E	Embroidery Needle	2.04	33.9	larger	wide	regular	regular
130/705 H-ET	Gold Embroidery Needle	2.04	33.9	larger	wide	regular	regular
130/705 H-SU	Black Super Universal Needle	2.04	33.9	larger	wide	regular	regular
130/705 H SPR	Embroidery Spring Needle	2.04	33.9	regular	regular	regular	regular
130/705 H-WING	Hemstitch Needle	2.04	33.9	shorter	narrow	regular	regular
705 DE	Double Eye Needle	2.04	31.8 and 33.9	regular	wide	without	regular
705 HDK	Quick Threading Needle	2.04	33.9	shorter	regular	without	regular

Needle size

Point style	Surface	Special feature	Needle size											
			NM 60	NM 65	NM 70	NM 75	NM 80	NM 90	NM 100	NM 110	NM 120	NM 130		
slightly rounded point	standard		•	•	•	•	•	•	•	•	•	•	•	•
medium ball point	standard				•			•	•	•				
medium ball point	standard			•		•			•					
medium ball point	standard	special blade design to prevent needle breakage and skipped stitches, enlarged eye and groove		•		•			•					
medium ball point	nonstick	special blade design to prevent needle breakage and skipped stitches, enlarged eye and groove				•			•					
medium ball point	standard	special blade design to prevent needle breakage and skipped stitches			•			•	•	•	•			
medium ball point	wear protection	special blade design to prevent needle breakage and skipped stitches							•	•				
slim acute point	standard	special blade design to prevent needle breakage and skipped stitches	•		•			•	•	•	•			
slim, slightly rounded point	nonstick	very slim needle design ensures gentle material processing	•		•									
half triangular point	standard										•			
twist point	standard				•			•	•	•	•	•	•	
slim, slightly rounded point	standard	special blade design to prevent needle breakage and skipped stitches					•		•					
slightly rounded point	standard				•			•	•	•				
slightly rounded point	standard							•	•					
medium ball point	standard						•		•					
medium ball point	wear protection						•		•					
slightly rounded point	nonstick	special blade design to prevent needle breakage and skipped stitches, enlarged eye and groove			•			•	•	•				
slightly rounded point	standard	spring as sewing foot 						•						
special point	standard	blade extended as wing 									•		•	
slightly rounded point	standard	two eyes 						•						
slightly rounded point	standard	left eye wall open 						•	•					



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