

## Sewing Machine Needle Sizes & Diameters

European Metric (NM) Needle Size	American Needle Size	Metric Needle Diameter	American Needle Diameter	Fabric Weight
55	6	55mm	.0215"	Sheer & Light Weight
60	7	60	.023	Sheer & Light Weight
60	8	60	.0245	Light Weight
65	9	65	.026	Light Weight
70	10	70	.028	Light Weight
75	11	75	.030	Medium Weight
80	12	80	.032	Medium Weight
85	13	85	.034	Medium Weight
90	14	90	.036	Medium Weight
95	15	95	.038	Medium Weight
100	16	100	.040	Heavy Weight
105	17	105	.042	Heavy Weight
110	18	110	.044	Heavy Weight & Leather
120	19	120	.046	Heavy Weight & Leather
125	20	125	.048	Very Heavy Weight
130	21	130	.051	Very Heavy Weight
140	22	140	.057	Very Heavy Weight
160	23	160	.065	Very Heavy Weight
180	24	180	.072	Very Heavy Weight
200	25	200	.081	Extremely Thick Layers
230	26	230	.091	Extremely Thick Layers
250	27	250	.100	Extremely Thick Layers